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CVT

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CATALOG GUIDE & PART NUMBERING

GM

ALLISON AT 540

- Transmission Name
- Illustration Number (See Exploded Views at beginning of sections)
- Quantity used in Standard Rebuild
- Year Coverage
- Transtar Part Number
- Reference Number (OE Number)

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
N.I.	Check Ball (5/16")	1	70-Up	76741-5	E7DZ-7E195-A
545L	Conversion Kit (Deep Pan) AT540 to AT545	1	70-Up	UDK-545	23012575
545L	Conversion Kit (Deep Pan) AT540 to AT545	1	70-Up	S111765C	23019201
N.I.	Drain Plug (Oil Pan)	1	70-Up	111483	29505789
N.I.	Gear, P.T.O.	1	70-Up	111825	6885145
680F	Governor (Code # 461) Up to 2800 RPM Range (Sonnax)	1	70-Up	111680A	6885570

Part No.

S111765C

S | 111 | 765 | C

PREFIX

Product Brand/Origin*

- A..... Aftermarket New
- A..... Allomatic or Alto Friction
- B..... Borg Warner Band
- C..... Core
- D..... Original Equipment
- D..... Shinsei Frictions
- F..... Fuji CC Frictions
- J..... Exedy/Dynax Friction
- N..... New (Other)
- P..... Premium Parts
- R..... Raybestos Friction
- R..... Remanufactured
- R..... Relined Band
- S..... Sonnax or Superior
- T..... Transgo or TeckPak
- U..... Used Hard Part

BASE

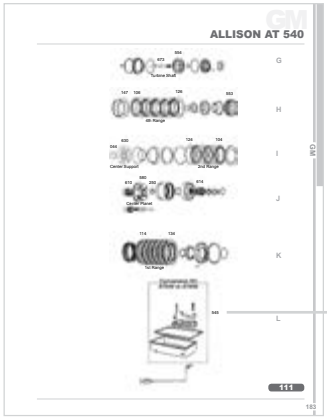
Series# Part Type

Transmission Series#
2-3 digits

Found at the bottom of the exploded views, in the Table of Contents in pages 2-3, and the complete list of product types on pages 948-953.

Part Type
3 digits

Number connecting parts in the exploded views.



SUFFIX

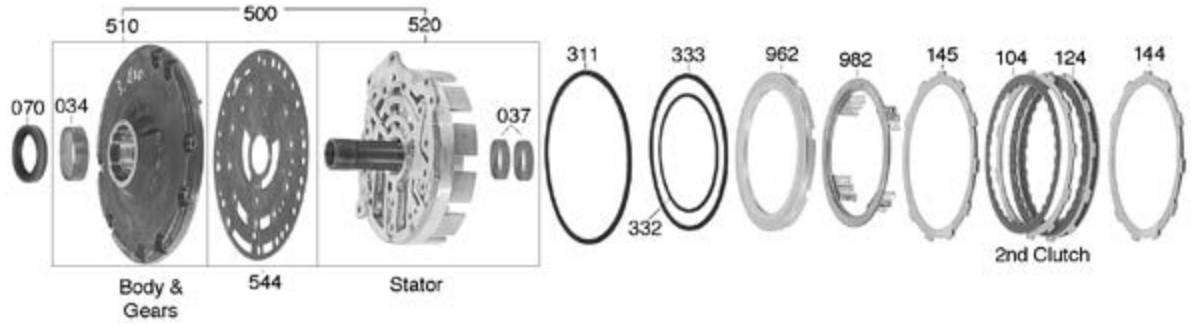
Design/Material Composition*

- F..... Fiber Pan Gasket
- HD..... Heavy Duty
- HP..... High Performance
- K..... Sold in Kit Form
- N..... Without the Pistons
- P..... Includes the Pistons
- W..... Bonded Pan Gasket
- X..... No Pan Gasket

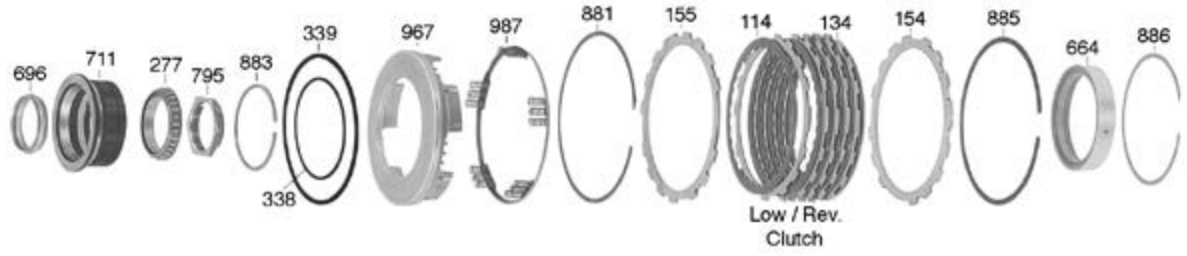
*May differ between parts categories

AW 50-40LE, 50-42LE

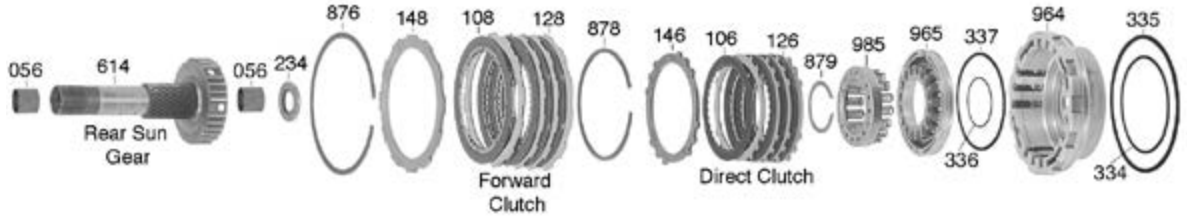
A



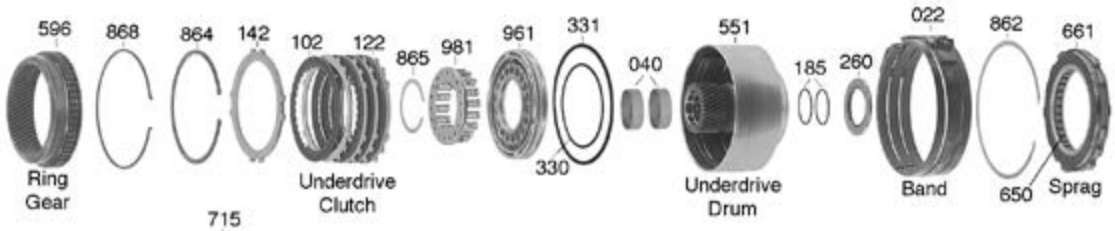
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C



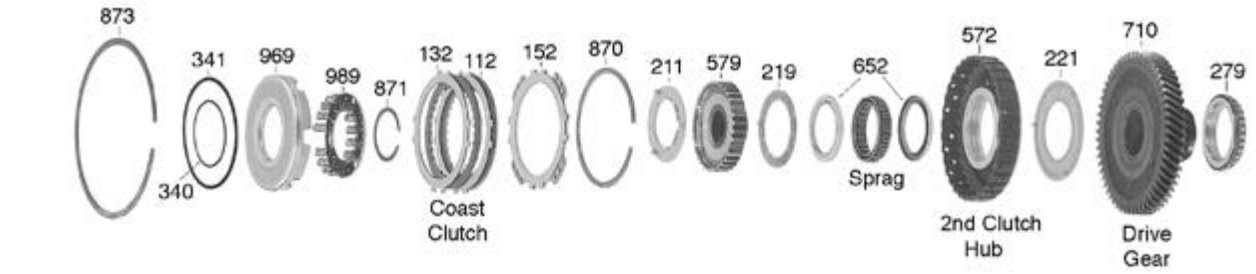
D



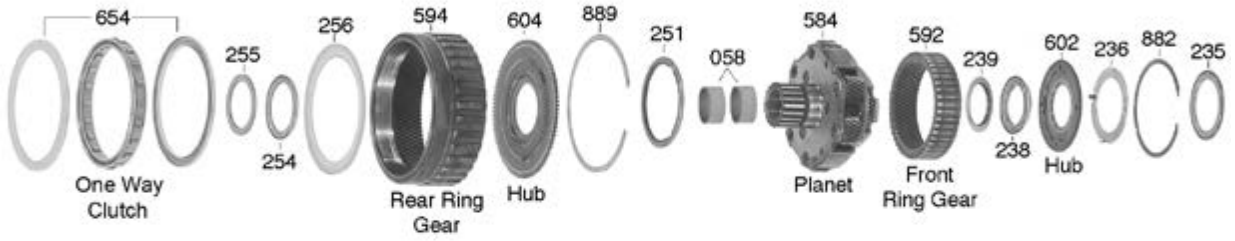
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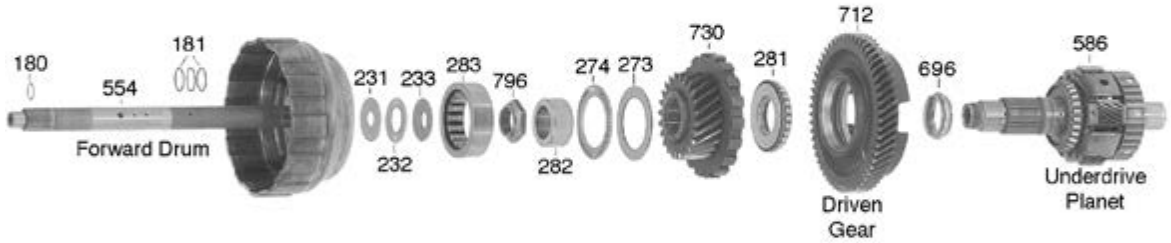
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873
341
340
969
989
871
132
112
Coast Clutch
152
870
211
579
219
652
Sprag
572
2nd Clutch Hub
221
710
Drive Gear
279

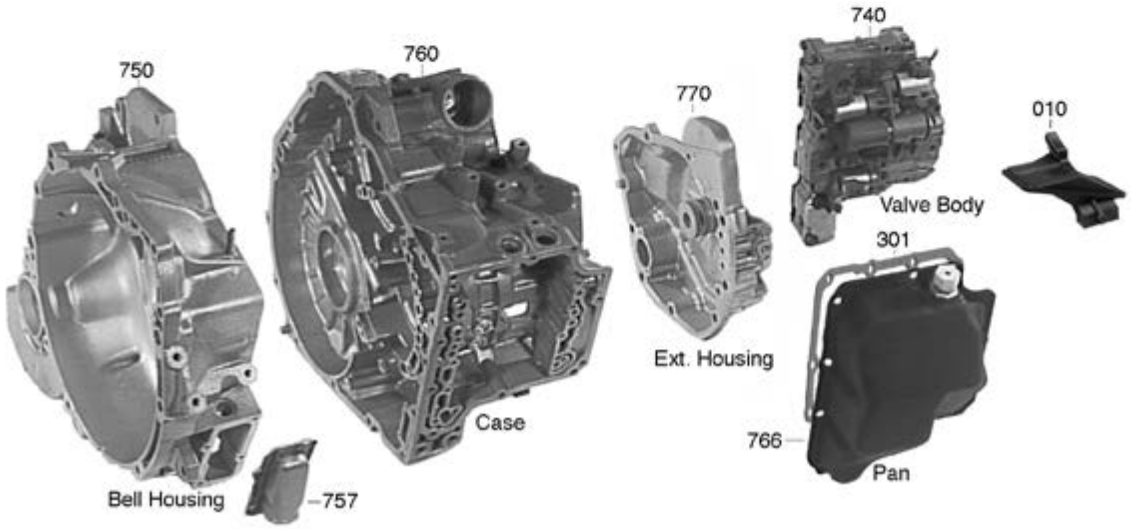
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Rear Ring Gear
604
Hub
889
251
058
584
Planet
592
Front Ring Gear
239
238
602
Hub
236
882
235

G

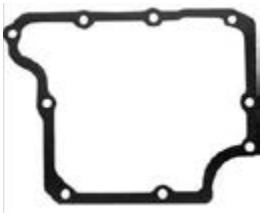

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273
730
281
712
Driven Gear
696
586
Underdrive Planet

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757
760
Case
770
Ext. Housing
740
Valve Body
010
301
766
Pan

I

AW 50-40LE, 50-42LE



89300AF



89010A



89010B

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	50-40LE, 50-42LE (AF14-20)	1	89-98	89006AF	N.L.
006	50-40LE, 50-42LE (AF14-20) (For 50-42LM, also sell 89104B & 89124B)	1	99-Up	89006BF	N.L.
	LESS STEEL KITS				
004	50-40LE, 50-42LE (AF14-20)	1	89-98	89004AF	N.L.
004	50-40LE, 50-42LE (AF14-20) (For 50-42LM, also sell 89104B)	1	99-Up	89004BF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	50-40LE, 50-42LE (AF14-20)	1	89-Up	89002AF	N.L.
	FILTERS				
010I	Filter (Exc. 99-Up SAAB)	1	89-Up	89010A	N.L.
010I	Filter (99-Up SAAB)	1	99-Up	89010B	N.L.
	BANDS				
022D	Intermediate (B4)	1	89-Up	89022A	N.L.
	BUSHINGS				
030	Bushing Kit	1	89-Up	89030A	N.L.
034A	Pump	1	89-Up	57034A	N.L.
036	Stator (Front)	1	89-Up	89036A	N.L.
037A	Stator (Rear)	1	89-Up	89037A	N.L.
040D	Underdrive Drum	2	89-Up	89040A	N.L.
056C	Sun Gear	2	89-Up	89056A	N.L.
058G	Rear Planet (Front)	1	89-Up	89058A	N.L.
058G	Rear Planet (Rear)	1	89-Up	89058B	N.L.
	METAL CLAD SEALS				
070A	Front Converter Housing	1	89-Up	57070A	90311-38077
076E	Axle (Volvo)	2	89-Up	89076	6843112-1
076E	Axle (Opel, Saab)	2	89-Up	83076C	97070182
	FRICTION PLATES				
102D	Underdrive (C3) (4.260” OD)	3-4	89-98	89106	90542422
102D	Underdrive (C3) (4.482” OD)	3-4	99-Up	89106A	DAA05080
104A	2nd Brake (B2) (33T, .067”)	3	89-98	89104	90542947
104A	2nd Brake (B2) (40T, .067”) (50-42LE)	3-6	99-Up	89104A	DAA04063
104A	2nd Brake (B2) (40T, .075”) (50-42LM)	4	99-Up	89104B	N.L.
106C	Direct (C2) (4.260” OD)	2-4	89-Up	89106	89541961
108C	Forward (C1)	4	89-Up	89108	90542936
112F	2nd Coast (B1)	4	89-Up	89106	90348775
114B	Low/ Reverse (B3)	5-6	89-Up	89114	90348808
	STEEL PLATES				
122D	Underdrive (C3) (8T)	3-4	89-98	89132	N.L.
122D	Underdrive (C3) (18T) (.098”)	3-4	99-Up	89132A	N.L.
124A	2nd Brake (B2) (.071”) (5.538” ID) (50-42LM)	2-4	99-Up	89124B	N.L.
124A	2nd Brake (B2) (.098”) (5.661” ID) (.071 Selective = 89124C)	2-4	89-98	89124	N.L.
124A	2nd Brake (B2) (.098”) (5.538” ID) (50-42LE)	2-4	99-Up	89124A	N.L.
126C	Direct (C2) (12T)	4	89-Up	89126	N.L.
128C	Forward (C1)	4	89-Up	89128	N.L.
132F	Coast (B1)	2-3	89-Up	89132	N.L.
134B	Low Reverse (B3)	4-5	89-Up	89134	N.L.

AW 50-40LE, 50-42LE

ILL.		QTY.	YEAR	PART No.	REF. No.
PRESSURE PLATES					
142D	Underdrive (C3) (18T)	1	89-Up	89142	N.L.
142D	Underdrive (C3) (8T)	1	89-Up	89142A	N.L.
144A	2nd Brake (B2) (Top) (.149") (10T Stepped)	1	89-Up	89144	N.L.
145A	2nd Brake (B2) (Bottom) (.142")	1	89-Up	89145	N.L.
146C	Direct (C2) (.150") (12T)	1	89-Up	89146	N.L.
148C	Forward (C1) (.195") (12T) (Stepped)	1	89-Up	89148	N.L.
148C	Forward (C1) (.150") (12T) (Flat)	1	89-Up	89148B	N.L.
152F	Coast (B1) (.140") (8T)	1	89-Up	89152	N.L.
154B	Low/ Reverse (B3) (Top) (.150")	1	89-Up	89155	N.L.
155B	Low/ Reverse (B3) (Bottom) (.150")	1	89-Up	89155	N.L.
155B	Low/ Reverse (B3) (Bottom) (.143")	1	89-Up	89155A	N.L.
SEALING RINGS					
175E	Sealing Ring Kit	1	89-Up	89175	N.L.
THRUST WASHERS					
200	Washer Kit	1	89-Up	89200A	N.L.
211F	Stator to B1 Hub	1	89-Up	89211A	N.L.
N.I.	B1 Spring Set to B1 Hub	1	89-Up	89211C	24239320
219F	B1 to B2 Hub	1	89-Up	89219A	N.L.
221F	B2 Hub to Output	1	89-Up	89221A	N.L.
BEARINGS & RACES					
201	Bearing Kit	1	89-Up	89201A	N.L.
232H	Drum to End Cover	1	89-Up	89232	N.L.
234C	Sun Gear to C1 Bearing (1.645" OD)	1	89-Up	89234A	N.L.
234C	Sun Gear to C1 Bearing (1.700" OD)	1	89-Up	89234AA	N.L.
235G	Hub to Sun Gear (2.545" OD)	1	89-Up	89235A	N.L.
235G	Hub to Sun Gear (2.690" OD)	1	89-Up	89235AA	N.L.
238G	Rear Planet to Hub	1	89-Up	89238A	N.L.
251G	Planet, Front	1	89-Up	89251A	N.L.
254G	Ring Gear Hub, Front	1	89-Up	89254A	N.L.
260D	Underdrive Drum to Case Bearing (1.345" ID)	1	89-Up	89260A	N.L.
260D	Underdrive Drum to Case Bearing (1.435" ID)	1	89-Up	89260AA	N.L.
263	End Cover (Caged)	1	89-Up	89263	N.L.
273H	Pinion to Bell Race	1	89-Up	89273A	N.L.
274H	Pinion to Bell	1	89-Up	89274A	N.L.
279F	Drive Transfer Gear	2	89-Up	89279A	N.L.
280	Driven Transfer Gear Race (.470" Thick)	1	89-Up	89280A	N.L.
280	Driven Transfer Gear Race (.510" Thick)	1	89-Up	89280AA	N.L.
281H	Driven Transfer Gear (26 Rollers)	1	89-Up	89281A	N.L.
281H	Driven Transfer Gear (27 Rollers)	1	89-Up	89281AA	N.L.
282H	Bell Housing Race	1	89-Up	89282A	N.L.
283	Bell Housing Bearing	1	89-Up	89283A	N.L.
284	Underdrive Planet to Case Caged Bearing	1	89-Up	89284A	N.L.
289	Differential Bearing (Ring Gear Side)	1	89-Up	89289A	N.L.
292	Differential Bearing (Speed O Side)	1	89-Up	89292A	N.L.
GASKETS & O-RINGS					
301I	Gasket, Valve Body Cover (Fiber)	1	89-Up	89300AF	N.L.
311A	Pump O-Ring	1	89-Up	89311	N.L.
371	Seal, Filler Tube (Volvo)	1	89-Up	84371	N.L.
TECHNICAL MANUALS					
400E	Tech Guide	1	89-Up	89400A	50-42LE
ELECTRICAL COMPONENTS					
421	Solenoid, Shift "A" & "B"	2	89-Up	89421	N.L.
425	Solenoid, Lock-Up (TCC)	1	89-Up	89425	N.L.
431	Solenoid, EPC (Linear)	1	89-Up	89431	N.L.
438	Sensor, Input/Output	2	89-Up	89438A	N.L.
410	Switch, MLPS	1	89-Up	89410	N.L.
446	Harness w/ 11 Wire Connector	1	89-Up	89446	N.L.
446	Harness w/ 17 Pin Connector	1	89-Up	89446A	N.L.

AW 50-40LE, 50-42LE

ILL.		QTY.	YEAR	PART No.	REF. No.
	PUMPS				
500A	Pump	1	89-Up	89500	N.L.
510A	Pump Body	1	89-Up	89510	N.L.
520A	Pump Cover	1	89-Up	89520	N.L.
530A	Pump Gears	1	89-Up	89530	N.L.
544A	Pump Plate	1	89-Up	89544	N.L.
	DRUMS & CLUTCH HUBS				
554H	Drum, C1 / C2 (26 Splines)	1	89-Up	89554	N.L.
554H	Drum, C1 / C2 (20 Splines)	1	89-Up	89554A	N.L.
551D	Drum, Underdrive (3 Clutch, 18T Steels)	1	89-98	89551	N.L.
551D	Drum, Underdrive (4 Clutch, 8T Steels)	1	99-Up	89551A	N.L.
572F	Hub Kit, 2nd/Coast (Includes Used Sprag)	1	89-Up	89572K	N.L.
572F	Hub, 2nd/Coast (33 Splines)	1	89-Up	89572	N.L.
572F	Hub, 2nd/Coast (40 Splines)	1	89-Up	89572A	N.L.
579F	Hub, Coast (0.886” Tall)	1	89-Up	89579A	N.L.
579F	Hub, Coast (1.060” Tall)	1	89-Up	89579	N.L.
	PLANETS				
584G	Planet, Rear (4 Gear, 19T Pinion Gears)	1	89-Up	89584A	N.L.
584G	Planet Kit, Rear Planet, Ring Gear, Sun Gear	1	89-Up	89584K	N.L.
586H	Planet, Underdrive (7.625”)	1	89-Up	89586	N.L.
586H	Planet, Underdrive (7.750”)	1	89-Up	89586C	N.L.
586H	Planet, Underdrive (8.250”)	1	89-Up	89586A	N.L.
586H	Planet Kit, Underdrive (PE)	1	89-Up	89586K	N.L.
586H	Planet Kit, Underdrive (8.250”) (23T Pinion)	1	89-Up	89586AK	N.L.
586H	Planet Kit, Underdrive (8.250”) (24T Pinion)	1	89-Up	89586AAK	N.L.
586H	Planet Kit, Underdrive (8.250”) (27T Pinion)	1	89-Up	89586ABK	N.L.
592G	Ring Gear, Front w/ Hub (68T, 46 Lugs)	1	89-Up	89592	N.L.
594G	Ring Gear, Rear w/ Hub (99T, 33 Lugs)	1	89-Up	89594	N.L.
596D	Ring Gear, Underdrive (1.075” Thick)	1	89-Up	89596	N.L.
596D	Ring Gear, Underdrive (1.235” Thick)	1	89-Up	89596A	N.L.
602G	Ring Gear Hub, Front (69T Steel)	1	89-Up	89602	N.L.
602G	Ring Gear Hub, Front (69T Stamped)	1	89-Up	89602A	N.L.
604G	Ring Gear Hub, Rear (99T)	1	89-Up	89604	N.L.
	ONE WAY CLUTCHES				
652F	Sprag, F1 (Intermediate)	1	89-Up	97652	35790-30030
654G	Roller Clutch (18 Element)	1	89-Up	89654	N.L.
654G	Sprag, F2 (Low)	1	89-Up	67654A	35792-32020
641	Sprag Assembly, Underdrive (32 Elements)	1	89-Up	89641	N.L.
642	Sprag Assembly, F1 (Intermediate)	1	89-Up	89642A	N.L.
644	Sprag, Low/ Reverse (20 Elements)	1	89-Up	89644A	N.L.
	DIFFERENTIALS				
715E	Differential Assemblies (63T, No ID Grooves)	1	89-Up	89715	N.L.
715E	Differential Assemblies (61T, 5 ID Grooves)	1	89-Up	89715A	N.L.
715E	Differential Assemblies (61T, 6 ID Grooves)	1	89-Up	89715AA	N.L.
715E	Differential Assemblies (69T, Awd)	1	89-Up	89715B	N.L.
710F	Drive Gear Kit (57T) (Incl Gear, Sleeve, Bearing)	1	89-Up	89710K	N.L.
710F	Drive Gear Kit (65T) (Incl Gear, Sleeve, Bearing)	1	89-Up	89710AK	N.L.
710F	Drive Gear	1	89-Up	89710	N.L.
712H	Driven Gear	1	89-Up	89712	N.L.
	VALVE BODIES				
740I	Valve Body (Premium)	1	98-Up	P89740-5	N.L.
	CASES & HOUSINGS				
750I	Bell Housing (Saab)	1	89-Up	89750A	N.L.
750I	Bell Housing (2.470” OD Axle Seal)	1	89-Up	89750	N.L.
750I	Bell Housing (2.125” OD Axle Seal)	1	89-Up	89750AA	N.L.
760I	Case (Cast 50 04 065 002R)	1	89-Up	89760	N.L.
760I	Case (No Cast #) (1 Pulse Gen) (No Mount Bosses by Differential Seal)	1	89-Up	89760A	N.L.
760I	Case (Cast 9152) (2 Pulse Gen) (3 Mount Bosses by Differential Seal)	1	89-Up	89760AA	N.L.
760I	Case (35141-50A010) (Saab)	1	89-Up	89760AB	N.L.
760I	Case (35141-50A011)	1	89-Up	89760AC	N.L.
759I	Cover, 50-40 (Rear) (Cast 35143-50A010)	1	89-Up	89759	N.L.
759I	Cover, 50-42 (Rear) (Cast 35143-50A030)	1	89-Up	89759AB	N.L.

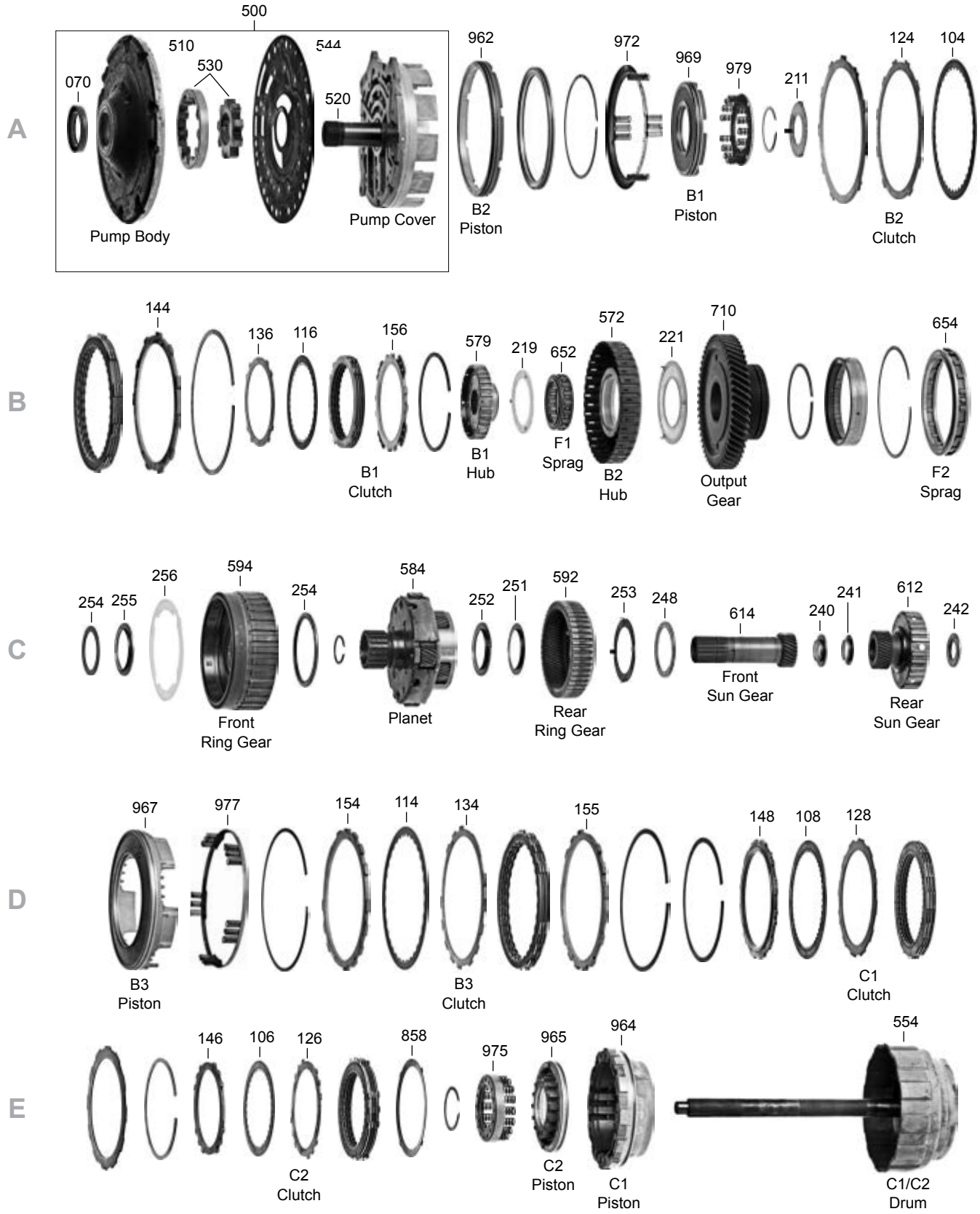
AW 50-40LE, 50-42LE

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS (Cont.)				
759I	Cover, 50-40 (Rear) (Cast 50 40 039 004Y)	1	89-Up	89759AA	N.L.
759I	Cover, 50-42 (Rear) (Cast 50 40 039 017R)	1	89-Up	89759A	N.L.
766I	Pan, Side (Aluminum)	1	89-Up	89766	N.L.
766I	Pan, Side (Tin)	1	89-Up	89766A	N.L.
	MISCELLANEOUS COMPONENTS				
730H	Pinion Gear (23T)	1	89-Up	89730A	N.L.
730H	Pinion Gear (24T)	1	89-Up	89730AA	N.L.
730H	Pinion Gear (27T)	1	89-Up	89730AB	N.L.
798	Output Gear Nut	1	89-Up	89798	N.L.
847	Speedo Gear (26T)	1	89-Up	89847	N.L.
847	Speedo Sensor (48T)	1	89-Up	89847A	N.L.
851	Cushion, C3	1	89-Up	89851	N.L.
905	Servo Assembly, Intermediate	1	89-Up	89905	N.L.
925	Accumulator Assembly, Intermediate	1	89-Up	89925	N.L.
930	Accumulator Assembly, Forward & Direct (50-40)	1	89-Up	89930	N.L.
930	Accumulator Assembly, Forward & Direct (50-42)	1	89-Up	89930A	N.L.
961D	Piston, C3	1	89-Up	89961	N.L.
962A	Piston, B2	1	89-Up	89962	N.L.
965C	Piston, C2	1	89-Up	89965	N.L.
964C	Piston, C1	1	89-Up	89964	N.L.
967B	Piston, B3	1	89-Up	89967	N.L.
981D	Return Spring, C3	1	89-Up	89981	N.L.
982A	Return Spring, B2	1	89-Up	89982	N.L.
985C	Return Spring, C2	1	89-Up	89985	N.L.
987B	Return Spring, B3	1	89-Up	89987	N.L.
994	Parking Rod	1	89-Up	89994	N.L.
995	Parking Pawl	1	89-Up	89995	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Lock-Up Control Plunger & Sleeve Kit	N.I.	N.I.	S89741A-7K	59954-01K
Vol 9	Main Boost Valve & Sleeve Kit	N.I.	N.I.	S89741FAK	59954-03K

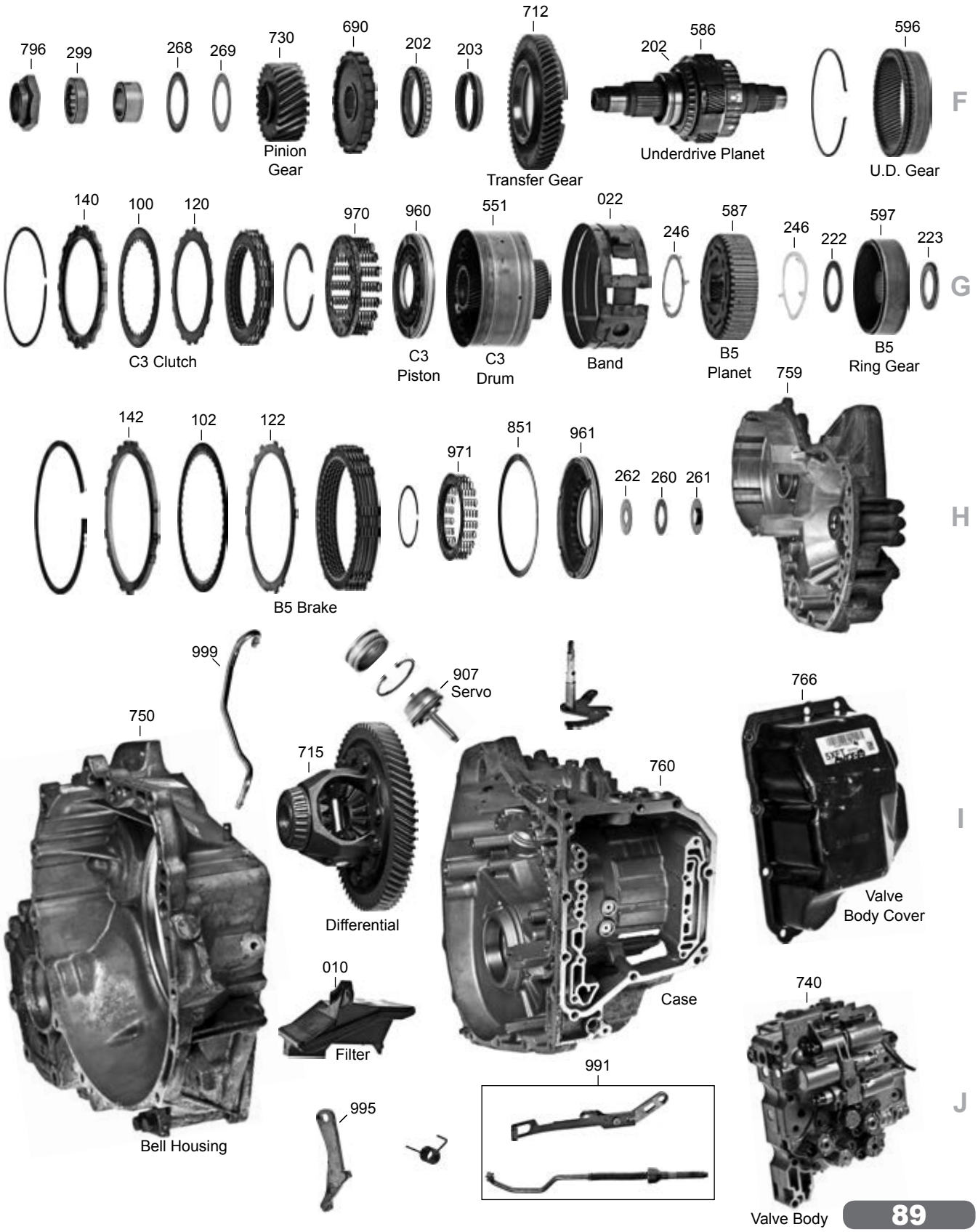
Notes

AW 55-50SN, 55-51SN



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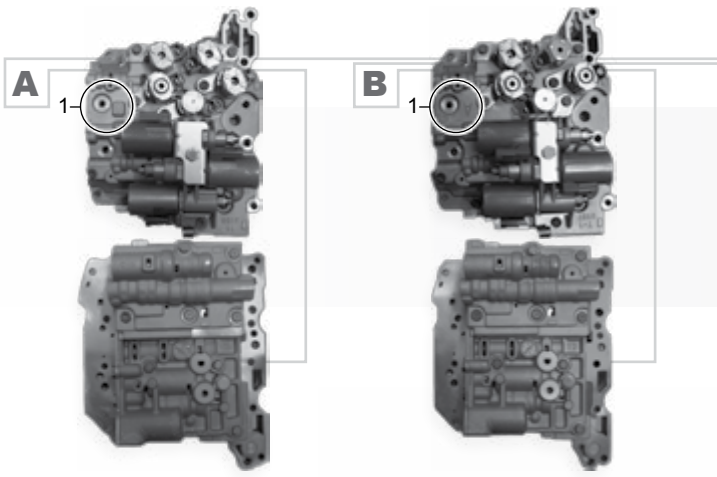
AW 55-50SN, 55-51SN

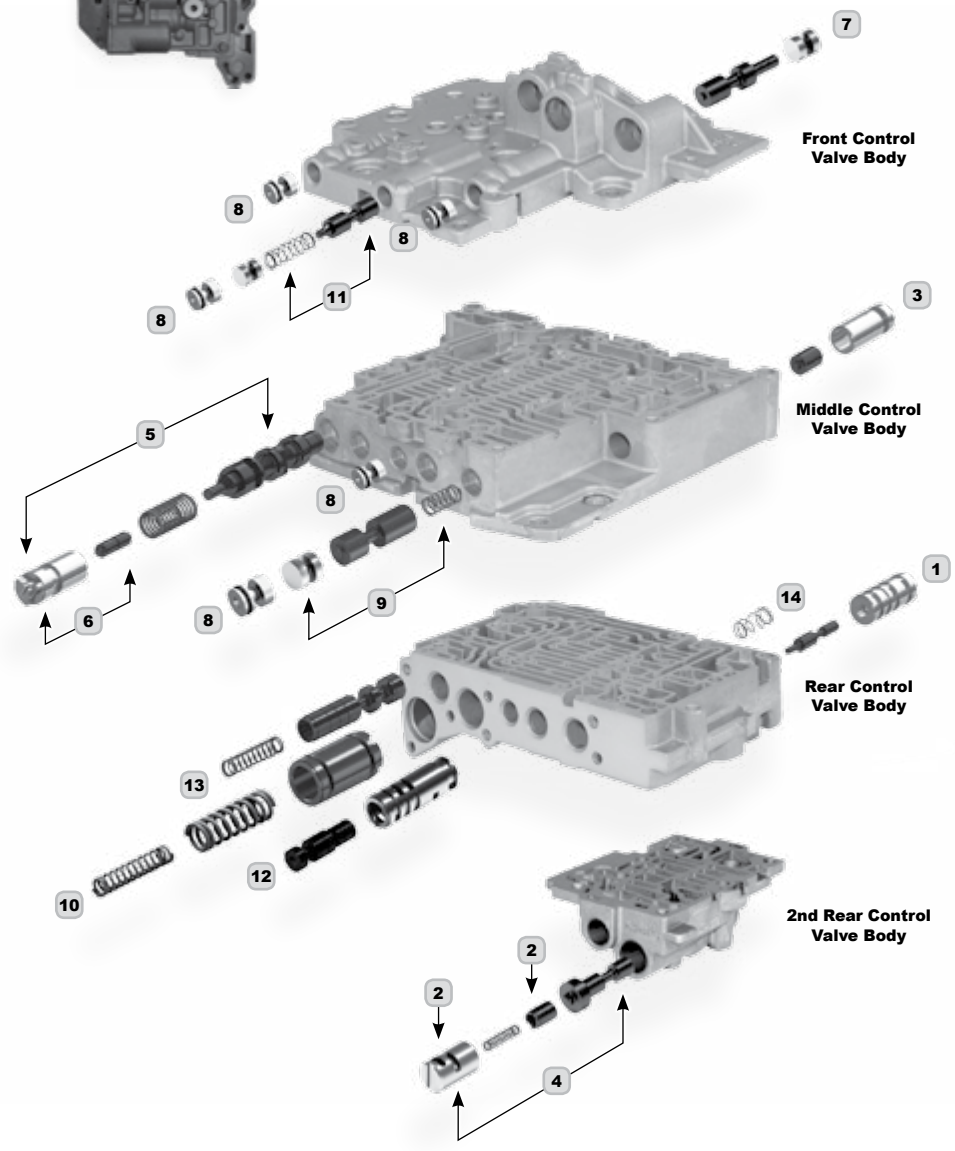


AW 55-50SN, 55-51SN

VALVE BODY
GUIDE

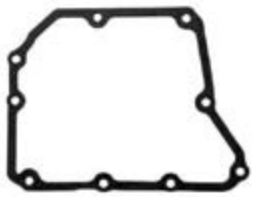
	Part	Year	Trans.	
A	P89740-3	99-01	55-50SN	no code/'A' code 1st design (1)
	P89740-4	41643	55-50SN	'B' 'C' code 2nd design (1)
	P89740-6	05-Up	55-50SN	w/B5 control valve spring
B	P89740-2	03-Up	55-50SN	'B' 'C' code 2nd design (1)
	P89740-7	05-Up	55-50SN	'B' 'C' code 2nd design (1)
	P89740-1	41673	55-50SN	no code/'A' code 1st design (1)





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AW 55-50SN, 55-51SN



89300BF



89010C



89010D

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
N.I.	AW 55-50SN, AW55-51SN (AF33-5, RE5F22A)	1	01-Up	89006C	N.L.
	LESS STEEL KITS				
N.I.	AW 55-50SN, AW55-51SN (AF33-5, RE5F22A)	1	01-Up	89004C	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	AW 55-50SN, AW55-51SN (AF33-5, RE5F22A)	1	01-Up	89002C	N.L.
	FILTERS				
010J	Filter w/ Rib (Nissan)	1	01-Up	89010C	N.L.
010J	Filter w/o Rib (Saturn, Volvo)	1	01-Up	89010D	N.L.
010J	Filter (Equinox)	1	05-09	89010E	24240239
	METAL CLAD SEALS				
070A	Front	1	01-Up	57070A	90311-38077
076	Axle, Left (Opel, Saturn, Equinox)	1	02-Up	83076C	N.L.
076	Axle, Left (Nissan, Volvo)	1	03-Up	89076	6843112-1
076	Axle, Right (Opel, 2wd Saturn)	1	02-Up	83076C	97070182
076	Axle, Right (Nissan)	1	03-Up	89076	6843112-1
077	Axle, Right (2wd Volvo)	1	01-Up	89076B	N.L.
077	Axle, Right (Awd Volvo)	1	01-Up	89076A	N.L.
077	Axle, Right (Awd Saturn, Awd Equinox)	1	02-Up	89076C	N.L.
077	Axle, Right (2wd Equinox)	1	05-09	89076D	N.L.
	BANDS				
022G	Band, B4	1	01-Up	89022C	31630-8Y000
	BUSHINGS				
N.I.	Bushing Kit (.843” Diameter Input) (Planet Bushing Not Included)	1	01-Up	89030D	N.L.
N.I.	Bushing Kit (.873” Diameter Input) (Planet Bushing Not Included)	1	01-Up	89030C	N.L.
N.I.	Bushing Kit (Fits .843” & .873” Diameter Input) (11 Piece Incl. Planet Bushing)	1	01-Up	89030E	N.L.
N.I.	Pump	1	01-Up	57034A	N.L.
N.I.	Stator (Front)	1	01-Up	89036C	N.L.
N.I.	Stator (Rear) (Grooved)	1	01-Up	89037C	N.L.
N.I.	4-5 Clutch Drum	1	01-Up	89040C	N.L.
N.I.	Sun Gear (1 Piece Design) (Small Diameter)	1	01-Up	89052CA	N.L.
N.I.	Sun Gear (1 Piece Design) (Large Diameter)	1	01-Up	89052CB	N.L.
N.I.	Sun Gear (2 Piece Design) (Small Diameter)	2	01-Up	89052CA	N.L.
N.I.	Sun Gear (2 Piece Design) (Large Diameter)	2	01-Up	89052CB	N.L.
N.I.	Planet (Front)	1	01-Up	89053C	N.L.
N.I.	Planet (Rear)	1	01-Up	89058C	N.L.
N.I.	Bushing & Sleeve Repair Kit, 4-5 Drum	1	01-Up	89057K	N.L.
	FRICTION PLATES				
100G	4-5 Clutch (C3)	4	01-Up	89106A	24220778
102H	1-2 & Reverse (B5)	6	01-Up	89102	24220563
104A	2nd Brake (B2)	3-4	01-Up	89104A	24220537
106E	Direct (C2) (.059”)	4	01-Up	89106B	24228586
106E	Direct (C2) (.067”)	4	01-Up	89106C	N.L.
108D	Forward (C1)	4	01-Up	89108A	24220650
114D	Low/ Reverse (B3)	4-5	01-Up	89114	90348808
116B	Coast (B1)	3	01-Up	89106	24220648

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ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
120G	4-5 Clutch (C3)	4	01-Up	89126A	N.L.
122H	1-2 & Reverse (B5)	6	01-Up	89122	31666-8Y011
124A	2nd Brake (B2)	2-4	01-Up	89124B	31536-8Y010
126E	Direct (C2)	4	01-Up	89126	N.L.
128D	Forward (C1)	4	01-Up	89128A	N.L.
134D	Low/ Reverse (B3)	3-4	01-Up	89134A	31666-8Y000
136B	Coast (B1)	3	01-Up	89132	31536-8Y000
	PRESSURE PLATES				
140G	4-5 Clutch (C3)	1	01-Up	89140	N.L.
142H	1-2 & Reverse (B5)	1	01-Up	89142	N.L.
144B	2nd Brake (B2) (Top) (.149") (10T Stepped)	1	01-Up	89144	N.L.
145	2nd Brake (B2) (Bottom) (.142")	1	01-Up	89145	N.L.
146E	Direct (C2) (.150") (12T)	1	01-Up	89146	N.L.
148D	Forward (C1) (.195") (12T) (Stepped)	1	01-Up	89148	N.L.
148D	Forward (C1) (.150") (12T) (Flat)	1	01-Up	89148B	N.L.
155D	Low/ Reverse (B3) (.175" Thick)	1	01-Up	89155B	N.L.
155D	Low/ Reverse (B3) (.150" Thick)	1	01-Up	89155BA	N.L.
156B	Coast (B1) (12 Spring Guides)	1	01-Up	89152	N.L.
156B	Coast (B1) (8 Spring Guides)	1	01-Up	89152A	N.L.
	VALVE BODY RECALIBRATION KITS				
N.I.	Shift Kit®, AW55-50SN	1	01-Up	T89165C	SK® AW55-50
	SEALING RINGS				
N.I.	Sealing Ring Kit	1	01-Up	89175C	N.L.
	THRUST WASHERS				
N.I.	Thrust Washer Kit	1	01-Up	89200C	N.L.
211A	Stator to Sprag Race (Metal)	1	01-Up	89211C	N.L.
N.I.	B1 Spring Set to B1 Hub	1	01-Up	89211C	24239320
219B	B1/B2 Hub	1	01-Up	89219C	N.L.
221B	B1 Drum to Drive Transfer Gear	1	01-Up	89221C	N.L.
246G	B5 (Reverse) Planet	2	01-Up	89246C	N.L.
256C	Ring Gear (Front)	1	01-Up	89256C	N.L.
	BEARINGS & RACES				
202F	Underdrive Planet Bearing	2	01-Up	89202C	N.L.
203F	Underdrive Planet Race	2	01-Up	89203C	N.L.
222G	B5 Ring Gear Front Bearing	1	01-Up	89222C	N.L.
223G	B5 Ring Gear Rear Bearing	1	01-Up	89223C	N.L.
240C	Sun Gear to Sun Gear Race	1	01-Up	89240C	N.L.
241C	Sun Gear to Sun Gear Bearing	1	01-Up	89241C	N.L.
242C	Sun Gear to C1 Drum Bearing	1	01-Up	89242C	N.L.
248C	Rear Ring Gear Bearing	1	01-Up	89248C	N.L.
251C	Planet Rear Bearing	1	01-Up	89251C	N.L.
252C	Planet Rear Race (1.710" ID)	1	01-Up	89252C	N.L.
252C	Planet Rear Race (1.795" ID)	1	01-Up	89252CA	N.L.
253C	Rear Ring Gear Race	1	01-Up	89253C	N.L.
254C	Ring Gear Front Bearing	1	01-Up	89254C	N.L.
254C	Ring Gear Rear Bearing	1	01-Up	89254CA	N.L.
255C	Ring Gear Hub (Front) Race	1	01-Up	89255C	N.L.
260H	C1 Drum Bearing	1	01-Up	89260C	N.L.
261H	End Cover Race	1	01-Up	89261C	N.L.
262H	C1 Drum Race	1	01-Up	89262C	N.L.
268F	Pinion Front Bearing	1	01-Up	89268C	N.L.
269F	Pinion Front Race	1	01-Up	89269C	N.L.
N.I.	Output Gear Race	2	01-Up	89282C	N.L.
N.I.	Output Gear Bearing	2	01-Up	89283C	N.L.
N.I.	Differential Tapered Bearing & Race (Large)	1	01-Up	89288CK	N.L.
N.I.	Differential Tapered Bearing & Race (Small)	1	01-Up	89289CK	N.L.
	GASKETS & O-RINGS				
N.I.	Gasket, Valve Body Cover	1	01-Up	89300BF	N.L.
N.I.	Pump O-Ring	1	01-Up	89311	N.L.
N.I.	Valve Body Gasket Kit	1	01-Up	89320K	N.L.

AW 55-50SN, 55-51SN

ILL.		QTY.	YEAR	PART No.	REF. No.
	TECHNICAL MANUALS				
N.I.	Manual Diagnostic Guide (Volvo, Saab, Nissan) (CD Only)	1	01-Up	89400CT	AW55-50 DG
	ELECTRICAL COMPONENTS				
N.I.	Switch, MLPS	1	01-Up	89410C	N.L.
N.I.	Solenoid, Shift (S1) (No Code or Code A)	1	01-03	89421A	N.L.
N.I.	Solenoid, Shift (S1) (Code B or Code C)	1	02-Up	89421B	N.L.
N.I.	Solenoid, Shift (S2) (Volvo, Nissan) (w/ Flat Top)	1	01-Up	89421C	N.L.
N.I.	Solenoid, Shift (S2) (GM, Saab, Saturn) (w/ Domed Top)	1	02-Up	89421D	N.L.
N.I.	Solenoid, Shift (S3) (All)	1	01-Up	89421E	N.L.
N.I.	Solenoid, Shift (S4) (All)	1	01-Up	89421F	N.L.
N.I.	Solenoid, Shift (S5) (All)	1	01-Up	89421G	N.L.
N.I.	Solenoid Kit, Linear (SLT, SLS) w/ Bracket	1	01-Up	89428CK	N.L.
N.I.	Solenoid Kit, Linear (SLU, SLT, SLS) w/ Bracket	1	01-Up	89428K	N.L.
N.I.	Solenoid, Linear (SLU)	1	01-Up	89428	N.L.
N.I.	Solenoid, Linear (SLT) (No Code or Code A)	1	01-03	89428A	N.L.
N.I.	Solenoid, Linear (SLT) (Code B or Code C)	1	02-Up	89428E	N.L.
N.I.	Solenoid, Linear (SLS) (No Code or Code A)	1	01-03	89428B	N.L.
N.I.	Solenoid, Linear (SLS) (Code B or Code C)	1	02-Up	89428D	N.L.
N.I.	Sensor, Output Speed (VSS)	1	02-06	89436C	24220741
N.I.	Sensor, Input Speed (ISS)	1	01-Up	89438C	N.L.
N.I.	Harness w/ Connector	1	01-Up	89445C	N.L.
	PUMPS				
500A	Pump Assembly (8 Spring Type) (.870” Bushing ID)	1	01-Up	89500BA	N.L.
500A	Pump Assembly (12 Spring Type) (.840” Bushing ID)	1	01-Up	89500B	N.L.
500A	Pump Assembly (12 Spring Type) (.870” Bushing ID)	1	01-Up	89500BB	N.L.
510A	Pump Body	1	01-Up	89510B	N.L.
520A	Pump Cover (8 Guide Type) (.870” Bushing ID)	1	01-Up	89520BA	N.L.
520A	Pump Cover (12 Guide Type) (.840” Bushing ID)	1	01-Up	89520B	N.L.
520A	Pump Cover (12 Guide Type) (.870” Bushing ID)	1	01-Up	89520BB	N.L.
530A	Pump Gears	1	01-Up	89530B	N.L.
544A	Pump Plate	1	01-Up	89544B	N.L.
	DRUMS & CLUTCH HUBS				
551G	Drum, 4-5 (C3) (4 Clutch) (32T / 50T Sun Gears)	1	01-Up	89551B	N.L.
554E	Drum, Fwd/Dir (C1/C2) (7 & 3 Holes in Shaft) (.840” Bushing ID) (20 Splines)	1	01-Up	89554B	N.L.
554E	Drum, Fwd/Dir (C1/C2) (6 & 1 Holes in Shaft) (.840” Bushing ID) (20 Splines)	1	01-Up	89554BC	N.L.
554E	Drum, Fwd/Dir (C1/C2) (6 & 4 Holes in Shaft) (.870” Bushing ID) (20 Splines)	1	01-Up	89554BA	N.L.
554E	Drum, Fwd/Dir (C1/C2) (8 & 2 Holes in Shaft) (.870” Bushing ID) (20 Splines)	1	01-Up	89554BB	N.L.
554E	Drum, Fwd/Dir (C1/C2) (5 & 5 Holes in Shaft) (.870” Bushing ID) (20 Splines)	1	01-Up	89554C	N.L.
572B	Hub, B2 (Metal Washer Type)	1	01-Up	89572B	N.L.
572B	Hub, B2 (Plastic Washer Type)	1	01-Up	89572BA	N.L.
579B	Hub, B1 (40T)	1	01-Up	89579B	N.L.
	PLANETS				
583	Geartrain, 27T Rear, 32T Underdrive, 37T Direct & Sun Gear	1	01-Up	89583BA	N.L.
584C	Planet, Rear (2 Piece, 25T Sun Gear)	1	01-Up	89584B	3572055A110
584C	Planet, Rear (1 Piece, 27T Sun Gear)	1	01-Up	89584BA	N.L.
584C	Rear Planet Kit w/ 2 Pc 25T Sun Gear & Ring Gear (.840” Bushing ID)	1	01-Up	89584BK	N.L.
584C	Rear Planet Kit w/ 2 Pc 25T Sun Gear & Ring Gear (.870” Bushing ID)	1	01-Up	89584BBK	N.L.
584C	Rear Planet Kit w/ 1 Pc 27T Sun Gear & Ring Gear (.870” Bushing ID)	1	01-Up	89584BAK	N.L.
584C	Rear Planet Kit w/ 1 Pc 27T Sun Gear & Ring Gear (.840” Bushing ID)	1	01-Up	89584BCK	N.L.
586F	Planet, 4-5 (25T, 1 Groove Pinion Gear)	1	01-Up	89586B	N.L.
586F	Planet, 4-5 (23T, 6 Groove Pinion Gear)	1	01-Up	89586BA	N.L.
586F	Planet, 4-5 (23T, 3 Groove Pinion Gear)	1	01-Up	89586BB	N.L.
586F	Planet Kit, 4-5 (25T, 1 Groove Pinion Gear) Planet, Ring Gear, & Tr. Gear	1	01-Up	89586BK	N.L.
586F	Planet Kit, 4-5 (23T, 6 Groove Pinion Gear) Planet, Ring Gear, & Tr. Gear	1	01-Up	89586BAK	N.L.
586F	Planet Kit, 4-5 (23T, 3 Groove Pinion Gear) Planet, Ring Gear, & Tr. Gear	1	01-Up	89586BBK	N.L.
587G	Planet, Reverse/ 1-2 (5 Gear)	1	01-Up	89587B	N.L.
592C	Ring Gear, Rear (83T) (1.105” Thick)	1	01-Up	89592B	3576155A010
592C	Ring Gear, Rear (87T) (1.030” Thick)	1	01-Up	89592BA	N.L.
594C	Ring Gear, Front (87T) (Roller Clutch Type)	1	01-Up	89594BA	N.L.
594C	Ring Gear, Front (99T) (Sprag Type)	1	01-Up	89594B	N.L.
594C	Ring Gear Kit, Front (99T) (Sprag Type)	1	01-Up	89594BAK	3574055A040
596F	Ring Gear, 4-5 (67T)	1	01-Up	89596B	N.L.
597F	Ring Gear, Rev/1-2 (82T) (.120” Deep Bearing Pocket)	1	01-Up	89597BA	N.L.
597G	Ring Gear, Rev/1-2 (82T) (.150” Deep Bearing Pocket)	1	01-Up	89597BB	3507555A040

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ILL.		QTY.	YEAR	PART No.	REF. No.
	PLANETS (Cont.)				
N.I.	Hub, Rear Ring Gear (83T) Small Type	1	01-Up	89602B	N.L.
N.I.	Hub, Rev/1-2 Ring Gear (87T) Large Type	1	01-Up	89607BA	N.L.
N.I.	Hub, Rev/1-2 Ring Gear (99T) Large Type	1	01-Up	89607B	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612C	Sun Gear Hub, Direct (.840" Bushing)	1	01-Up	89612B	N.L.
612C	Sun Gear Hub, Direct (.870" Bushing)	1	01-Up	89612BA	N.L.
614C	Sun Gear, Rear (1 Piece, .840" Bushing ID)	1	01-Up	89614BA	N.L.
614C	Sun Gear, Rear (1 Piece, .870" Bushing ID)	1	01-Up	89614BC	N.L.
614C	Sun Gear, Rear (2 Piece, .840" Bushing ID)	1	01-Up	89614B	N.L.
614C	Sun Gear, Rear (2 Piece, .870" Bushing ID)	1	01-Up	89614BB	N.L.
	ONE WAY CLUTCHES				
652B	Sprag (F1)	1	01-Up	89652	N.L.
654B	Roller Clutch, Low (F2)	1	01-Up	89654	N.L.
654B	Sprag, Low (F2)	1	01-Up	67654A	35792-32020
654B	Sprag, Low (Metal Cage)	1	01-Up	89654B	N.L.
654B	Sprag, Low (Plastic Cage)	1	01-Up	89654BA	N.L.
	DIFFERENTIALS				
715I	Differential Assembly (61T, 1 ID Groove)	1	01-Up	89715CA	N.L.
715I	Differential Assembly (61T, 3 ID Grooves) (Awd)	1	01-Up	89715CB	N.L.
715I	Differential Assembly (69T, 5 ID Grooves) (Awd)	1	01-Up	89715C	N.L.
	VALVE BODIES				
740J	Valve Body (Premium) (Saturn, Saab) (No Code, A Code)	1	02-E03	P89740-1	89740
740J	Valve Body (Premium) (Saturn, Saab, GM) (B or C Code)	1	L03-Up	P89740-2	89740A
740J	Valve Body (Premium) (Volvo) (No Code, A Code)	1	99-02	P89740-3	N.L.
740J	Valve Body (Premium) (Volvo) (B or C Code)	1	L01-Up	P89740-4	N.L.
740J	Valve Body (Premium) (Nissan) (B or C Code)	1	03-04	P89740-4	N.L.
740J	Valve Body (Premium) (Nissan & Volvo) (B or C Code) (Recess S2 Solenoid)	1	05-Up	P89740-6	N.L.
740J	Valve Body (Premium) (Saab, GM) (B or C Code) (Domed S2 Solenoid)	1	05-Up	P89740-7	89740B
740J	Valve Body (Volvo) (No Code or A Code)	1	99-E01	89740V	N.L.
740J	Valve Body (Volvo) (B or C Code) (OEM)	1	L01-Up	D89740VA	AF55-19-18
740J	Valve Body (Volvo, Renault) (B Code) (OEM)	1	L01-Up	D89740VB	31705-8Y00A
740J	Valve Body (Nissan) (B or C Code) (OEM)	1	2004	D89740VA	AF55-19-18
	CASES & HOUSINGS				
750J	Bell Housing (GM) (2.145" OD Axle Seal) (Cast # 9191)	1	01-Up	89750BB	N.L.
750J	Bell Housing (Saturn) (2.400" OD Axle Seal) (Cast # 9194)	1	01-Up	89750BC	N.L.
750J	Bell Housing (Volvo) (2.480" OD Axle Seal) (3" Top Bolts)	1	01-Up	89750BA	N.L.
750J	Bell Housing (Volvo) (2.958" OD Axle Seal) (5" Top Bolts) (Cast # 9165)	1	01-Up	89750B	N.L.
760I	Case (GM) (Brown Tag) (No Bosses above Axles)	1	01-Up	89760BB	N.L.
760I	Case (Saturn) (Tan Tag) (No Bosses above Axles)	1	01-Up	89760BC	N.L.
760I	Case (Volvo) (Black Tag) (3 Bosses above Axles)	1	01-Up	89760B	N.L.
760I	Case (Volvo) (Red Tag)	1	01-Up	89760BA	N.L.
759H	Cover (Rear) (No Bosses) (.735" Bearing in Cover)	1	01-Up	89759B	N.L.
759H	Cover (Rear) (No Bosses) (.835" Bearing in Cover)	1	01-Up	89759BB	N.L.
759H	Cover (Rear) (3 Bosses) (.735" Bearing in Cover)	1	01-Up	89759BB	N.L.
766I	Pan, Side (Volvo, Screw Vent)	1	01-Up	89766B	N.L.
766I	Pan, Side (Volvo, Welded Vent)	1	01-Up	89766BA	N.L.
766I	Pan, Side (GM, No Vent)	1	01-Up	89766BC	N.L.
	MISCELLANEOUS COMPONENTS				
690F	Park Gear	1	01-Up	89690	N.L.
710B	Drive Gear (56T) (Gear, Sleeve & Bearing)	1	01-Up	89710BK	N.L.
712F	Driven Gear	1	01-Up	89712B	N.L.
730F	Pinion Gear	1	01-Up	89730B	N.L.
796F	Pinion Shaft Nut	1	01-Up	89796B	N.L.
850	Cushion, C3	1	01-Up	89850	N.L.
851H	Cushion, B5	1	01-Up	89851	N.L.
858E	Cushion, C2	1	01-Up	89858	N.L.
907I	Piston, 2-3 Servo (No Groove) (3.000" Long) (Exc Nissan)	1	01-Up	89907AA	24220756
907I	Piston, 2-3 Servo (1 Groove) (3.190" Long) (Exc Nissan)	1	01-Up	89907AB	24220757
907I	Piston, 2-3 Servo (2 Groove) (3.039" Long) (Exc Nissan)	1	01-Up	89907AC	24220758
907I	Piston, 2-3 Servo (3 Groove) (3.059" Long) (Exc Nissan)	1	01-Up	89907AD	24220759
907I	Piston, 2-3 Servo (4 Groove) (3.078" Long) (Exc Nissan)	1	01-Up	89907AE	24220760

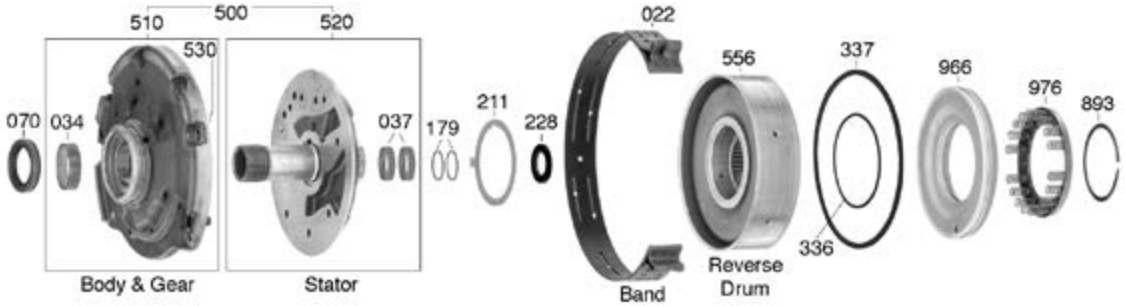
AW 55-50SN, 55-51SN

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
907I	Piston, 2-3 Servo (4 Groove) (2.508" Long) (Nissan)	1	04-Up	89907BA	31615-8Y005
907I	Piston, 2-3 Servo (3 Groove) (2.528" Long) (Nissan)	1	01-Up	89907BB	31615-8Y004
907I	Piston, 2-3 Servo (2 Groove) (2.547" Long) (Nissan)	1	01-Up	89907BC	31615-8Y003
907I	Piston, 2-3 Servo (1 Groove) (2.567" Long) (Nissan)	1	01-Up	89907BD	31615-8Y002
907I	Piston, 2-3 Servo (No Groove) (2.587" Long) (Nissan)	1	04-Up	89907BE	31615-8Y001
950	Piston Kit, LPC Accumulator	1	01-Up	S89950K	N.L.
960G	Piston, C3	1	01-Up	89960B	N.L.
961H	Piston, B5	1	01-Up	89961B	N.L.
962A	Piston, B2	1	01-Up	89962B	N.L.
964E	Piston, C1	1	01-Up	89964B	N.L.
965E	Piston, C2	1	01-Up	89965B	N.L.
967D	Piston, B3	1	01-Up	89967B	N.L.
969A	Piston, B1	1	01-Up	89969B	N.L.
970G	Return Spring, C3	1	01-Up	89970B	N.L.
971H	Return Spring, B5	1	01-Up	89971B	N.L.
972A	Return Spring, B2 (12 Springs)	1	01-Up	89972BA	N.L.
972A	Return Spring, B2 (8 Springs)	1	01-Up	89972BB	N.L.
975E	Return Spring, C2	1	01-Up	89975B	N.L.
977D	Return Spring, B3	1	01-Up	89977B	N.L.
979A	Return Spring, B1	1	01-Up	89979B	N.L.
991J	Linkage Assembly	1	01-Up	89991B	N.L.
995J	Park Pawl Assembly	1	01-Up	89995B	N.L.
999J	Oil Tubes	1	01-Up	89999B	N.L.
	TOOLS				
N.I.	Tool, Solenoid Rebuild	1	01-Up	T-35199	N.L.
N.I.	Tool, Solenoid Bushing Installer (Bushings 89033-25, 89033-50, 89033-100)	1	01-Up	T-89428RK	N.L.

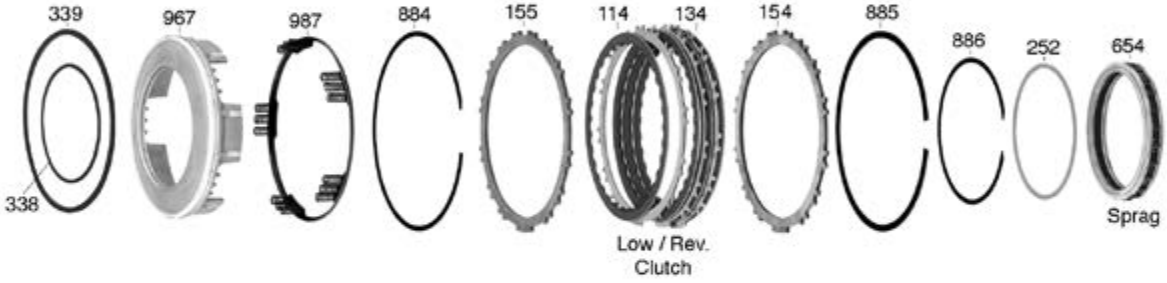
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	B4 Release Valve Kit (T-F-59947-TL26 & T-VB-FIX req)	N.I.	9	S89741B	59947-26K
Vol 9	B5 Control spring	N.I.	14	S89741-3E	59947-33
Vol 9	Lock-Up Control Valve & Boost Assy O.S. (T-F-59947-TL29 & TL29PL req)	N.I.	4	S89741C-1K	59947-29K
Vol 9	LPC Accumulator Piston Kit	N.I.	10	S89950K	59947-LPC
Vol 9	Neutral Relay Valve Kit O.S. (T-F-59947-TL34 & T-VB-Fix req)	N.I.	11	S89741D	59947-35K
Vol 9	O-Ringed End Plug Kit	N.I.	8	S89741-6K	59947-21K
Vol 9	Secondary Regulator Valve & Spring Kit (T-F-59947-TL16 & T-VB-Fix req)	N.I.	13	S89741PAK	59947-16K
Vol 9	Solenoid Modulator Valve O.S. (T-F-59947-TL34 & T-VB-Fix req)	N.I.	7	S89741LAK	59947-34K
Vol 9	Valve & Sleeve, Lock-Up Control	N.I.	2	S89741CA	59947-03K
Vol 9	Valve & Sleeve, Lock-Up Relay Control	N.I.	1	S89741C	59947-01K
Vol 9	Valve & Sleeve, PR Boost	N.I.	6	S89741F	59947-07K
Vol 9	Valve & Sleeve, Shift Control	N.I.	12	S89741S-1K	59947-38K
Vol 9	Valve & Sleeve, Solenoid Relay	N.I.	3	S89741Q	59947-05K
Vol 9	Valve Kit, PR & Boost O.S. (req T-F-59947-TL-12 & T-VB-FIX)	N.I.	5	S89741PK	59947-12K
Vol 9	Valve Kit, Solenoid Mod	N.I.	N.I.	S89741LK	59947-09K
Vol 9	Zip Kit	N.I.	N.I.	S89741ZK	AW55-50-ZIP

AW 60-40LE, 60-41SN (AF13)

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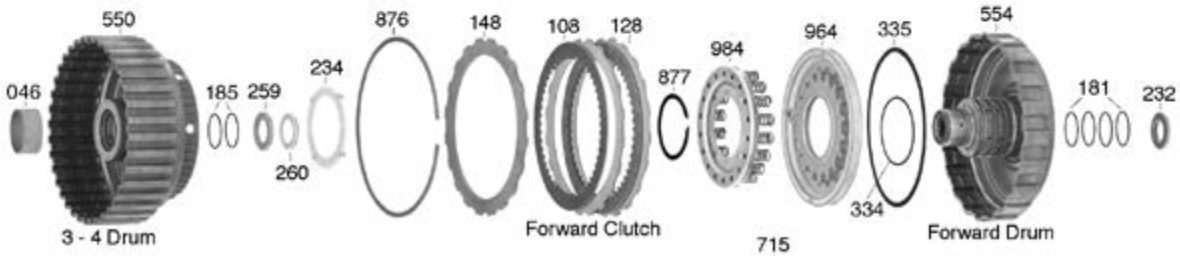
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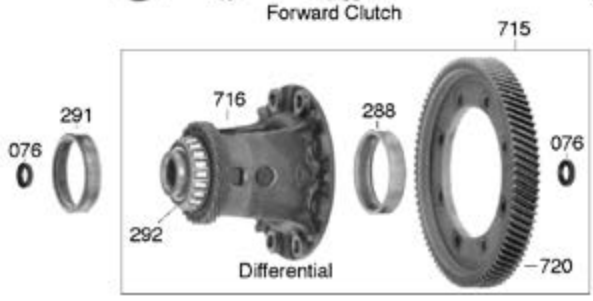
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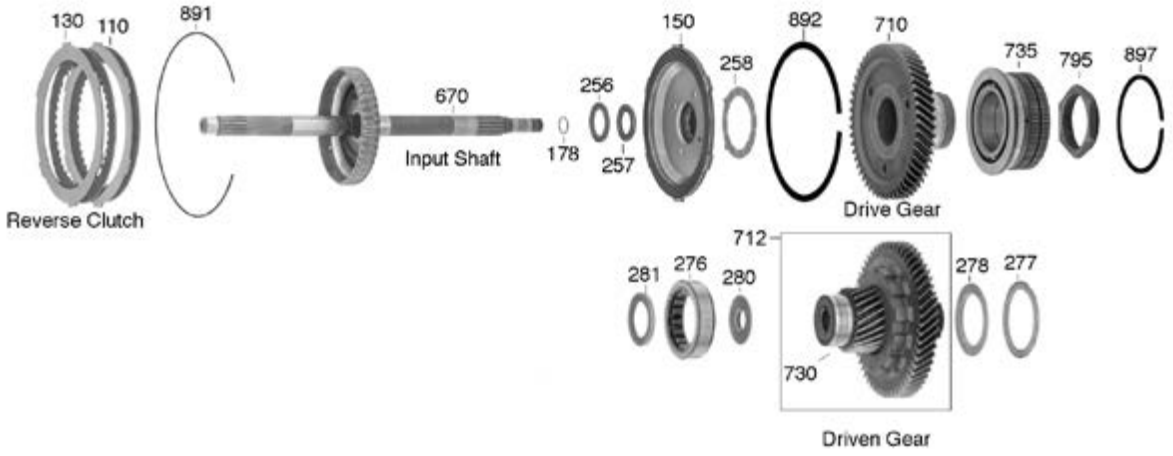


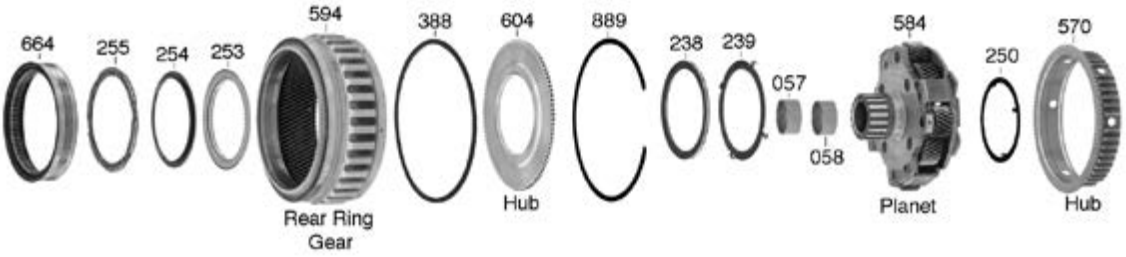
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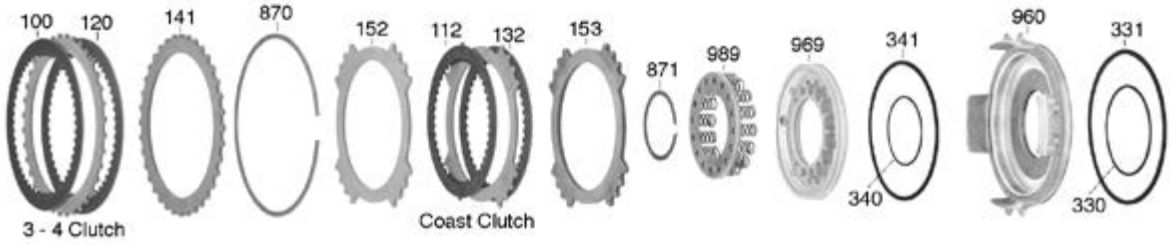


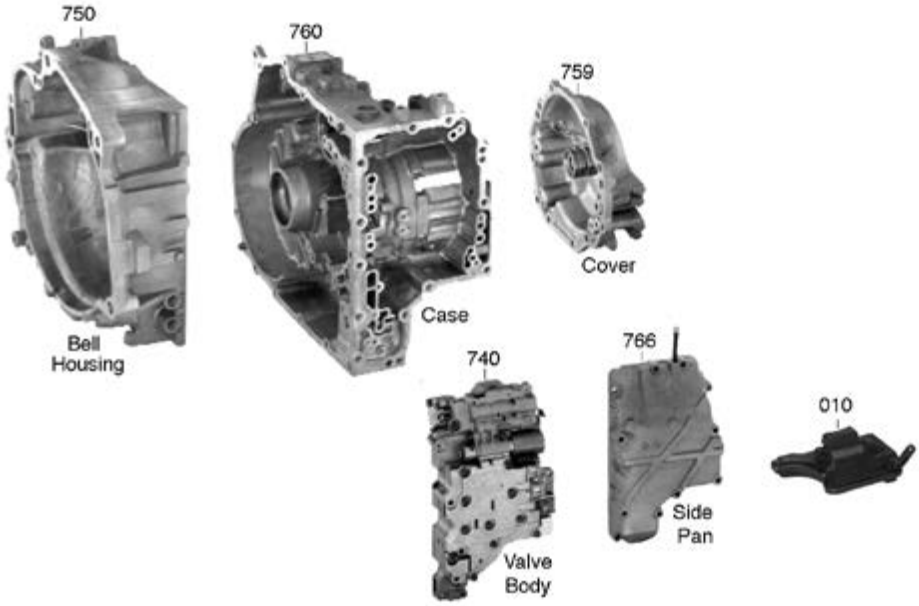
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AW 60-40LE, 60-41SN (AF13)









AW 60-40LE, 60-41SN (AF13)



19010

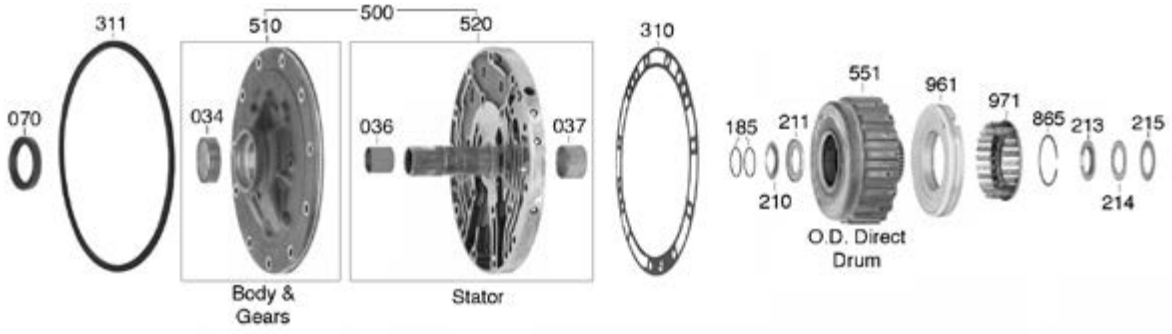
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	AW60-40LE, AW60-41SN (AF13)	1	93-97	19006	N.L.
006	AW60-40LE, AW60-41SN (AF13)	1	98-Up	19006A	N.L.
	LESS STEEL KITS				
004	AW60-40LE, AW60-41SN (AF13)	1	93-97	19004	N.L.
004	AW60-40LE, AW60-41SN (AF13)	1	98-Up	19004A	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	AW60-40LE, AW60-41SN (AF13)	1	93-Up	19002	N.L.
	FILTERS				
010K	Filter	1	93-Up	19010	N.L.
	BANDS				
022A	Band, 2 - 4 Flex	1	93-Up	19022	26971-60G10
	METAL CLAD SEALS				
070A	Front Pump (Torque Converter)	1	93-Up	57070A	90311-38077
076	Axle (Left)	1	93-Up	19076	90486078
076	Axle (Right) (Exc. Suzuki)	1	93-Up	19076	90486078
076	Axle (Right) (Suzuki)	1	93-97	19076	90486078
076	Axle (Right) (Suzuki)	1	98-Up	19076A	N.L.
	BUSHINGS				
030	Bushing Kit	1	93-Up	19030D	N.L.
	FRICTION PLATES				
100I	Overdrive (C3)	2-3	93-Up	19108	90444669
108D	Forward (C1)	2-3	93-Up	19108	90444669
110F	Reverse (C2)	2	93-97	19110	90444546
110F	Reverse (C2)	2	98-Up	19110A	N.L.
112I	Coast (C0)	2	93-Up	19112	90444685
114B	Low/ Reverse (B2)	4-6	93-Up	89114	90348808
119	Friction Module (AW60-41SN)	1	98-Up	19119A	N.L.
	STEEL PLATES				
120I	Overdrive (C3) (.071")	1	93-Up	19120	90444885
120I	Overdrive (C3) (.098")	1-2	98-Up	19120A	N.L.
128D	Forward (C1)	2-3	93-Up	19128	90444670
130F	Reverse (C2)	2	93-97	19130	90444686
130F	Reverse (C2)	2	98-Up	19130A	N.L.
132I	Coast (C0)	1	93-Up	19132	90444863
134B	Low/ Reverse (B2)	3-5	93-Up	19134	90444973
	PRESSURE PLATES				
140C	Overdrive (C3) (.142")	1-2	93-Up	19140	N.L.
140C	Overdrive (C3) (.150")	1-2	93-Up	19140B	N.L.
148D	Forward (C1) (.142")	1	93-Up	19148	N.L.
148D	Forward (C1) (.150")	1	93-Up	19148B	N.L.
150F	Reverse (C2)	1	93-Up	19150	N.L.
152I	Coast (C0) (.126")	1-2	93-Up	19152	N.L.
152I	Coast (C0) (.155")	1-2	93-Up	19152B	N.L.
155B	Low/Reverse (B2)	1-2	93-Up	19155	N.L.

AW 60-40LE, 60-41SN (AF13)

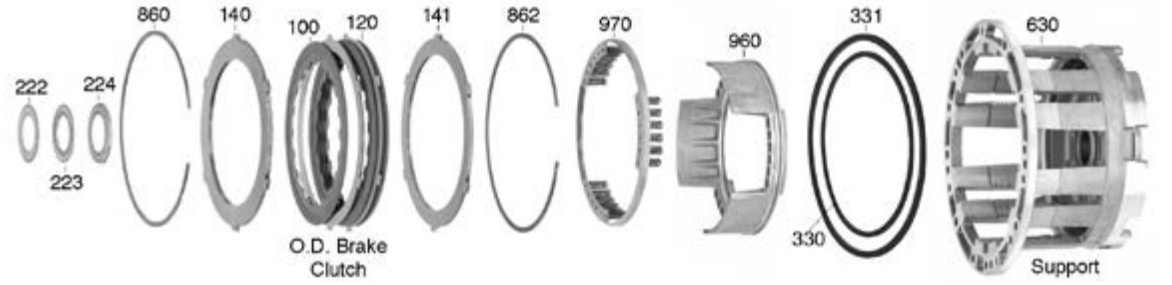
ILL.		QTY.	YEAR	PART No.	REF. No.
	THRUST WASHERS				
174	Zip Kit (60-40LE, AF13)	1	93-Up	S19174	AW6040LEZIP
174	Zip Kit (60-41SN, AF17)	1	01-Up	S19174A	AW6041SNZIP
	THRUST WASHERS				
200	Thrust Washer Kit	1	93-Up	19200	N.L.
	ELECTRICAL COMPONENTS				
410	Switch, Neutral Safety	1	93-Up	19410	37720-60G11
421	Shift A/B	1	93-Up	19421	26426-60G11
425	Lock-Up (TCC)	1	93-Up	19425	N.L.
431	EPC (Linear)	1	93-Up	19431	26427-60G10
436	Sensor, Output Speed (OSS)	1	93-Up	19436	26141-60G10
438	Sensor, Input Speed (ISS)	1	93-Up	19438	26143-60G10
445	Harness, External	1	93-Up	19445	N.L.
446	Harness, Internal	1	93-Up	19446	N.L.
	PUMPS				
500A	Pump Assembly	1	93-Up	19500	N.L.
530	Pump Gears	1	93-Up	19530	N.L.
	DRUMS & CLUTCH HUBS				
550D	Coast (C0)	1	93-Up	19550	N.L.
554D	Forward (C1)	1	93-Up	19554	N.L.
556A	Reverse (C2)	1	93-Up	19556	N.L.
	PLANETS				
584H	Planet	1	93-Up	19584	N.L.
592C	Ring Gear (Small Diameter)	1	93-Up	19592	N.L.
594H	Ring Gear (Large Diameter)	1	93-Up	19594	N.L.
602C	Hub, Ring Gear (Small Diameter)	1	93-Up	19602	N.L.
604H	Hub, Ring Gear (Large Diameter) (98T)	1	93-Up	19604	N.L.
	ONE WAY CLUTCHES				
652C	Forward (C1) (22 Lugs)	1	93-Up	19652	N.L.
654B	Low/Reverse (B2) (24 Lugs)	1	93-Up	19654	N.L.
	SHAFTS				
670F	Input Shaft w/ Reverse Clutch Hub (12 1/2” Long)	1	93-Up	19670	N.L.
	DIFFERENTIALS				
715E	Differential Assembly (87T)	1	93-Up	19715	N.L.
710F	Transfer Drive Gear (53T)	1	93-Up	19710	N.L.
712G	Transfer Driven Gear (54T)	1	93-Up	19712	N.L.
	VALVE BODIES				
740K	Valve Body (4 Solenoids)	1	93-Up	19740	N.L.
	CASES & HOUSINGS				
750J	Bell Housing	1	93-Up	19750	N.L.
760J	Case	1	93-Up	19760	N.L.
759J	Rear Cover (Aluminum)	1	93-Up	19759	N.L.
766K	Side Pan	1	93-Up	19766	N.L.

AW 450-43LE

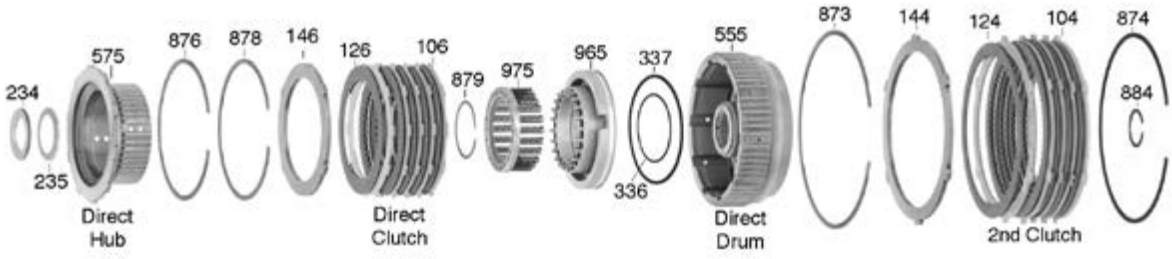
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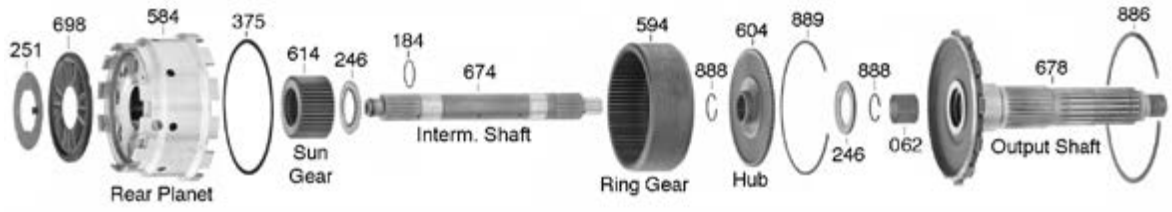
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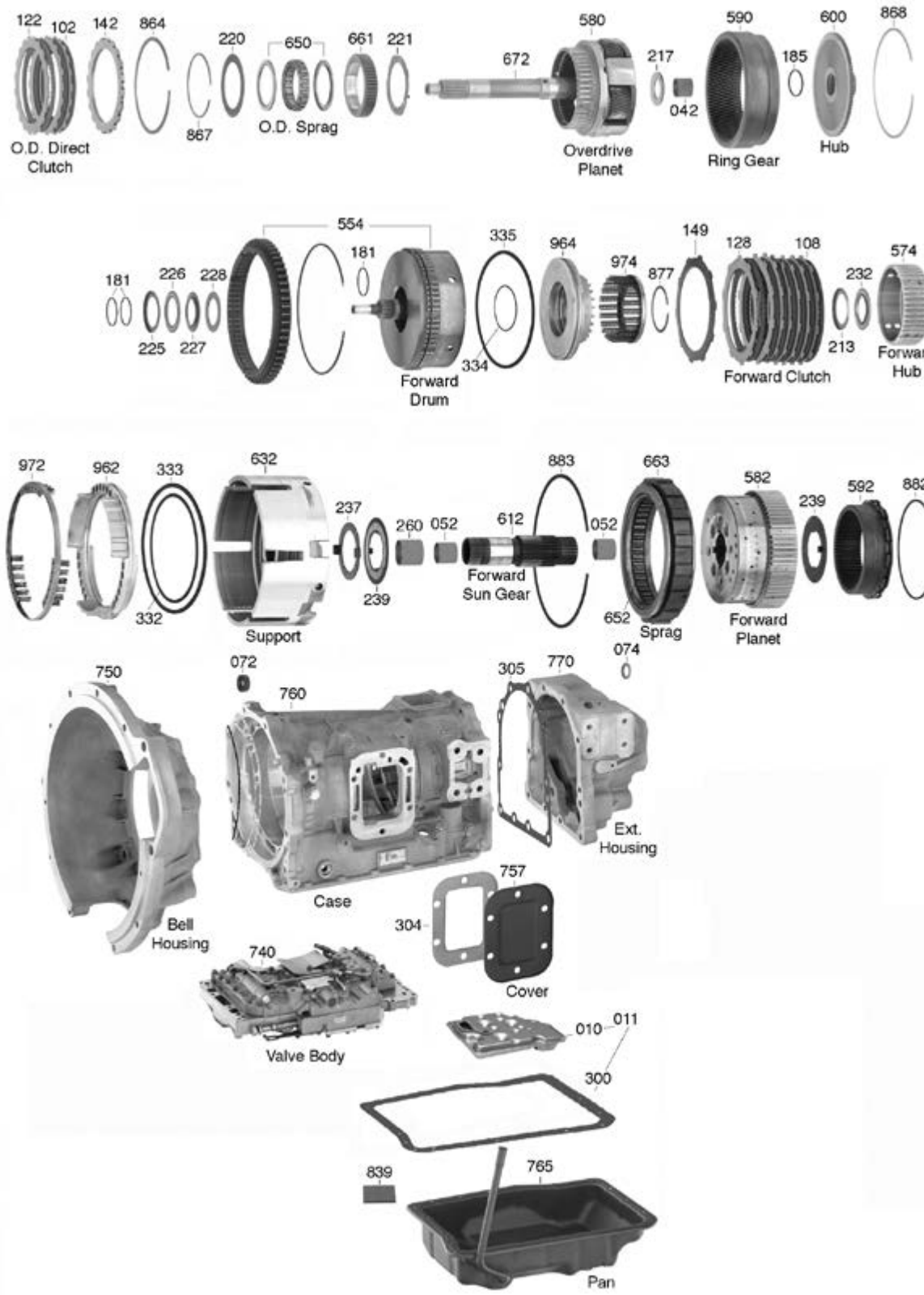
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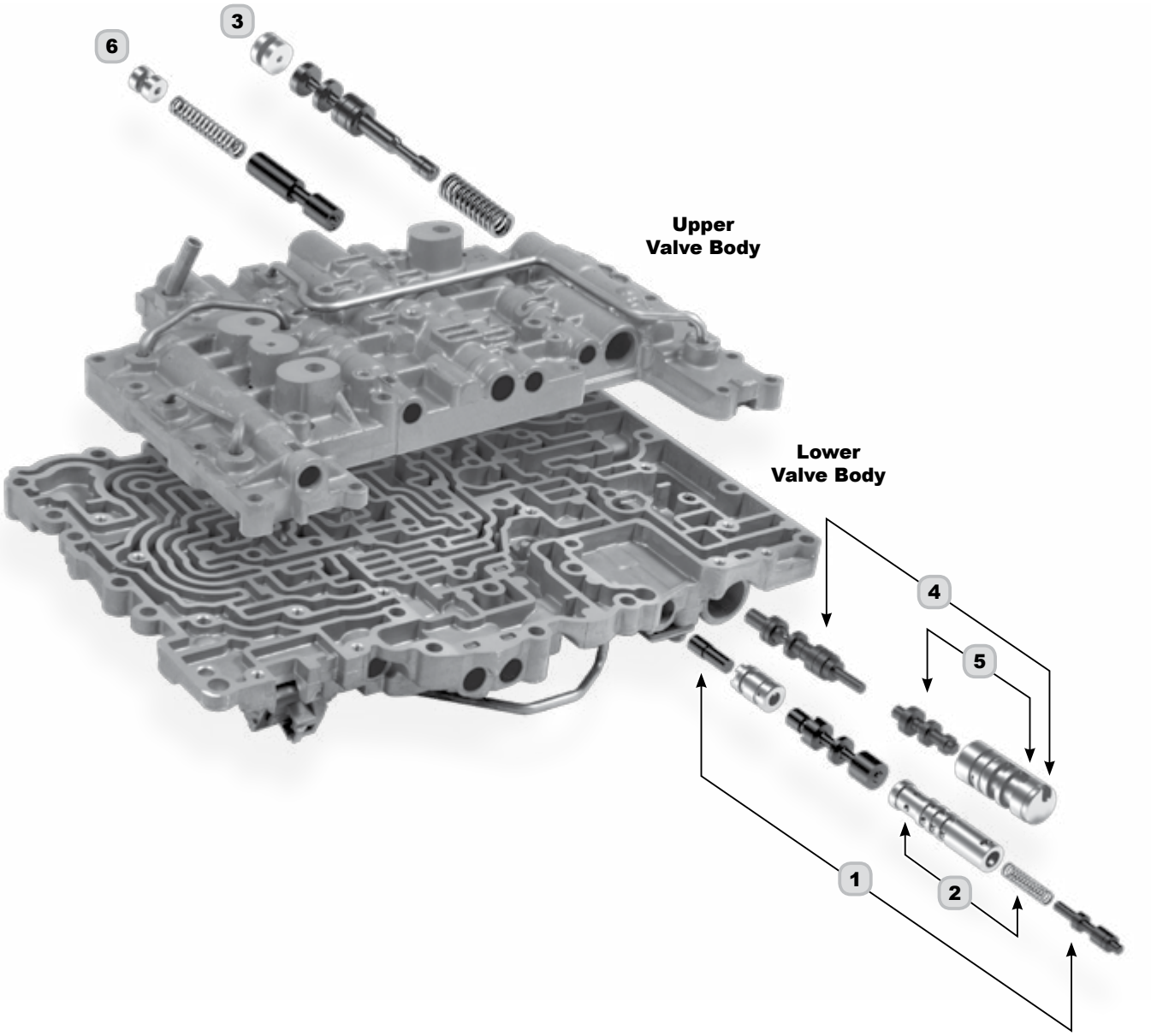
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122
102
142
864
867
220
650
661
221
O.D. Direct Clutch
O.D. Sprag
672
580
Overdrive Planet
217
042
590
Ring Gear
185
600
Hub
868
554
181
335
964
974
149
877
128
108
574
181
226
228
225
227
334
Forward Drum
232
213
Forward Clutch
Forward Hub
972
962
333
332
632
Support
237
239
260
052
612
Forward Sun Gear
883
052
663
652
Sprag
582
Forward Planet
239
592
882
074
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072
750
760
305
770
Ext. Housing
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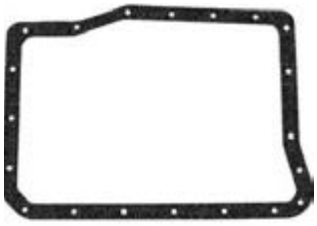
AW 450-43LE

VALVE BODY
GUIDE

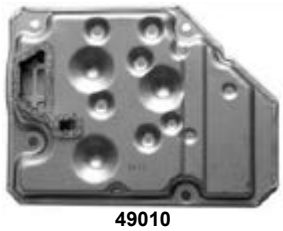


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AW 450-43LE



137300



49010

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	AW450-43LE (RNJ)	1	98-Up	49006	N.L.
	LESS STEEL KITS				
004	AW450-43LE (RNJ)	1	98-Up	49004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	AW450-43LE (RNJ)	1	98-Up	49002	N.L.
	SUB KITS				
001	Valve Body Gasket Package	1	98-Up	49001	N.L.
	FILTER KITS				
011	Filter Kit	1	98-Up	49011	N.L.
	FILTERS				
010J	Filter	1	98-Up	49010	8-97202-0670
	BUSHINGS				
030	Bushing Kit	1	98-Up	49030	N.L.
034A	Pump Bushing	1	98-Up	137034A	N.L.
	METAL CLAD SEALS				
070A	Front (Converter)	1	98-Up	137070	90311-42010
072I	Manual Lever Shaft	1	98-Up	60072	31375-31X01
074I	Extension Housing	1	98-Up	49074	97202071
	FRICTION PLATES				
100B	Overdrive Brake	3	98-Up	49100	97257023
102F	Overdrive Direct	3	98-Up	49102	97257043
104C	2nd Brake (Intermediate)	5	98-Up	137100	35633-36010
106C	Direct	5	98-Up	137102	35633-36020
106C	Direct (Hi-Energy)	5	98-Up	137102A	35633-36060
108G	Forward (2.1mm)	7	98-Up	137102	35633-36020
108G	Forward (2.1mm) (Hi-Energy)	7	98-Up	137102A	35633-36060
108G	Forward (1.8mm)	7	98-Up	137102C	97256973
114E	Low/ Reverse	6	98-Up	137114	35633-36030
	STEEL PLATES				
120B	Overdrive Brake (2.4mm)	2	98-Up	137120AA	35632-60010
122F	Overdrive Direct	3	98-Up	49122	8972569690
124C	2nd Brake (Intermediate)	5	98-Up	49124	8972569390
126C	Direct (2.4mm)	5	98-Up	137122AB	97256972
128G	Forward	7	98-Up	137122	35634-36010
134E	Low/ Reverse	6	98-Up	49134	8972569510
	SEALING RINGS				
175J	Sealing Ring Kit	1	98-Up	49175	N.L.
	GASKETS & O-RINGS				
300J	Gasket, Pan (Cork)	1	98-Up	137300	35168-36010
300J	Gasket, Pan (Fiber)	1	98-Up	137300F	35168-36010
320	Gasket Kit, Valve Body	1	98-Up	49320K	N.L.

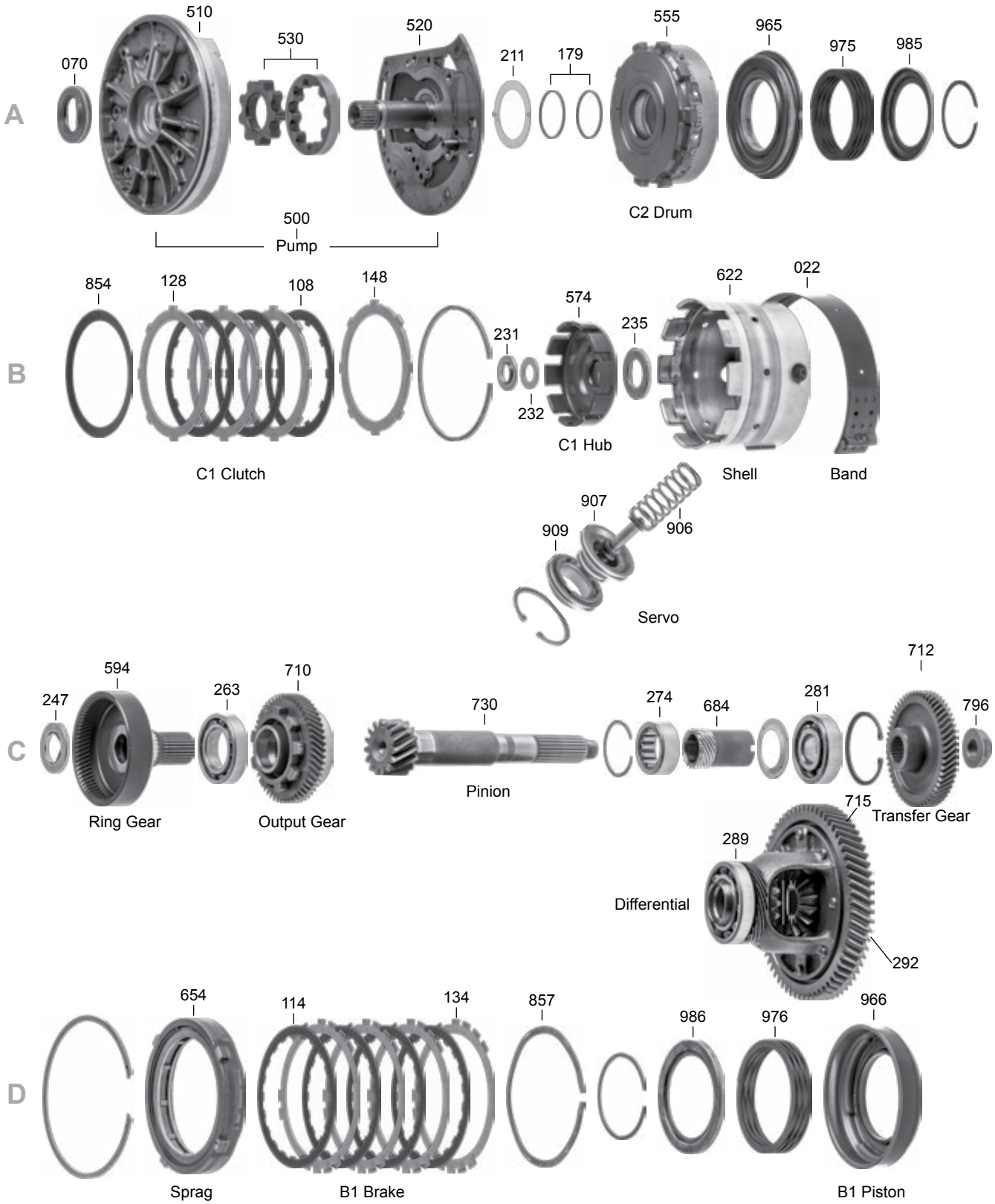
AW 450-43LE

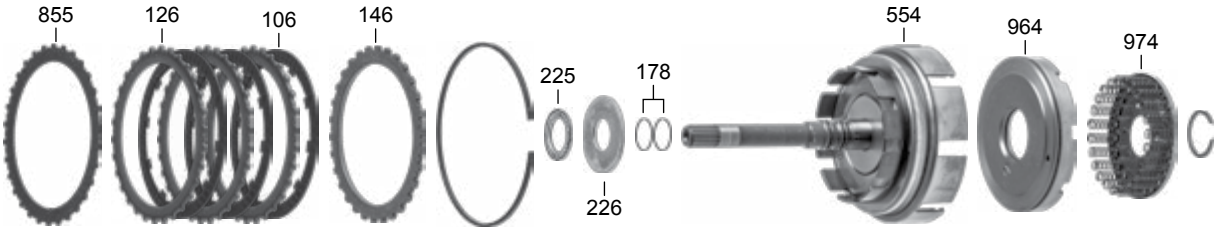
ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
410	Switch, Neutral Safety	1	98-Up	49410	N.L.
420	Solenoid Group	1	98-Up	49420K	N.L.
420	Solenoid Group (Kit does not include the EPC Solenoid)	1	98-Up	49420AK	N.L.
421	Solenoid, Timing (2 Hole Bracket)	1	98-Up	49421A	97202074
422	Solenoid, Shift 1 & 2 (90 degree Bracket)	1	98-Up	49422A	97202072
425	Solenoid, Lock-Up (TCC) (45 degree Bracket)	1	98-Up	49425A	97202073
431	Solenoid, Pressure Control (EPC)	1	98-Up	49431	97257141
436	Sensor, Output Speed	1	98-Up	49436	N.L.
437	Sensor, TOT (Bottom of Valve Body)	1	98-Up	49437	N.L.
446	Wire Harness, Internal w/ Brown Connector (1/98-12/99)	1	98-L99	49446A	8-97202075-0
446	Wire Harness, Internal w/ Black Connector (00-Up)	1	00-Up	49446	8-97229532-0
	PUMPS				
500A	Pump Assembly (11T Inner Gear)	1	98-Up	49500	8-97256916-0
	DRUMS & CLUTCH HUBS				
554G	Drum, Forward	1	98-Up	49554	N.L.
555C	Drum, Direct	1	98-Up	49555	N.L.
574G	Hub, Forward	1	98-Up	49574	N.L.
575C	Hub, Direct (Top) (w/ Pressure Plate)	1	98-Up	49575	N.L.
	PLANETS				
580F	Planet, Overdrive w/ Input Shaft	1	98-Up	49580K	N.L.
582H	Planet, Front (Straight Gears)	1	98-Up	49582	N.L.
582H	Planet, Front (Straight Gears) (28 Holes in Sprag Race)	1	98-Up	49582E	N.L.
584D	Planet, Rear	1	98-Up	49584	N.L.
590F	Ring Gear, Overdrive Planet	1	98-Up	49590	N.L.
592H	Ring Gear, Front Planet	1	98-Up	49592	N.L.
594D	Ring Gear, Rear Planet	1	98-Up	49594	N.L.
600F	Hub, Overdrive Ring Gear	1	98-Up	49600	N.L.
604D	Hub, Rear Ring Gear	1	98-Up	49604	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612H	Sun Gear, Front	1	98-Up	49612	N.L.
614D	Sun Gear, Rear	1	98-Up	49614	N.L.
632H	Support Kit, Overdrive	1	98-Up	49630K	N.L.
632H	Support, 2nd	1	98-Up	49632K	N.L.
	ONE WAY CLUTCHES				
650F	Sprag, Overdrive Clutch	1	98-Up	137650	35791-36010
642	Low Sprag & Race Assembly (1st Design)	1	98-Up	49642	N.L.
642	Low Sprag & Race Assembly (2nd Design)	1	98-Up	49642A	N.L.
	SHAFTS				
672F	Input Shaft (Included w/ Overdrive Planet)	1	98-Up	49580K	N.L.
672F	Input Shaft	1	98-Up	49675	N.L.
674D	Main Shaft	1	98-Up	49674	N.L.
678D	Output (2wd)	1	98-Up	49678	N.L.
	GEARS				
690	Parking Gear	1	98-Up	49690	N.L.
	VALVE BODIES				
740I	Valve Body (5 Solenoids)	1	98-Up	49740	N.L.
741J	Cutback Valve & Sleeve (Sonnax)	1	98-Up	49741HK	94987-01K
741J	Cutback Sleeve (Superior)	1	98-Up	49741H-2	K081
	CASES & HOUSINGS				
750I	Bell Housing	1	98-Up	49750	N.L.
760I	Case w/ PTO Side Mounts	1	98-Up	49760	N.L.
765J	Pan, Bottom	1	98-Up	49765	N.L.
770	Extension Housing (2wd)	1	98-Up	49770	N.L.

AW 450-43LE

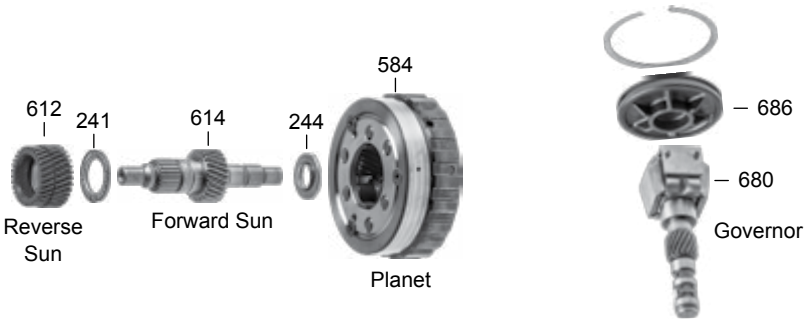
ILL.		QTY.	YEAR	PART No.	REF. No.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Cutback Valve & Sleeve Kit	N.I.	2	49741HK	94987-01K
Vol 9	Lock-Up Control & Cutback Valve Kit O.S. (T-F-94987-TL5 & T-VB-FIX req)	N.I.	1	S49741C	94987-05K
Vol 9	Main Boost Valve & Sleeve Kit	N.I.	5	S49741F	94987-09K
Vol 9	Pressure Reg. & Boost Valve Sleeve Kit O.S. (T-F-94987-TL11 & T-VB-FIX req)	N.I.	4	S49741P	94987-11K
Vol 9	Second Regulator Valve Kit O.S. (T-F-94987-TL17 & T-VB-FIX req)	N.I.	3	S49741J	94987-17K
Vol 9	Solenoid Mod. Valve Kit O.S. (T-F-94987-TL14 & T-VB-FIX req)	N.I.	6	S49741D	94987-14K

Notes

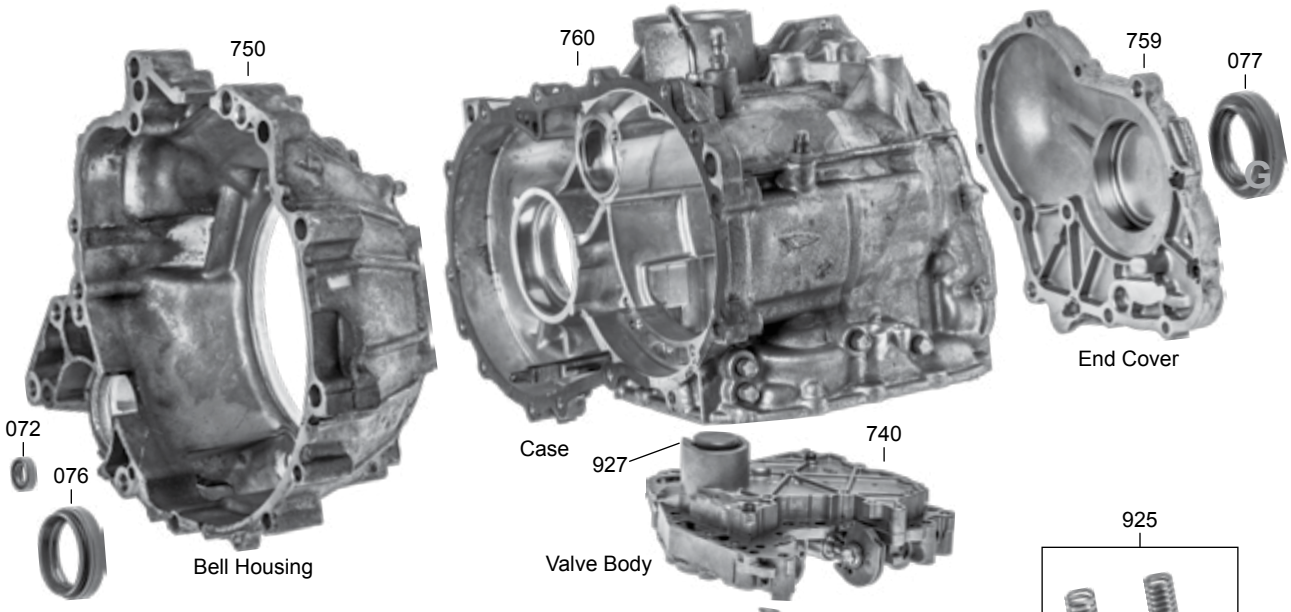

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C2 Drum
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Pump
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574
622
022
231
235
232
C1 Hub
C1 Clutch
Shell
Band
907
909
906
Servo
C
594
247
263
710
730
274
684
281
712
796
715
Transfer Gear
Ring Gear
Output Gear
Pinion
289
Differential
292
D
654
114
134
857
986
976
966
Sprag
B1 Brake
B1 Piston


855
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225
178
554
964
974
226
C2 Clutch
C1 Drum

E


584
612
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244
686
680
Reverse Sun
Forward Sun
Planet
Governor

F


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765
Bell Housing
Case
End Cover
Valve Body
Filter
Accumulators
Pan

G

H

A3LB1, A3S

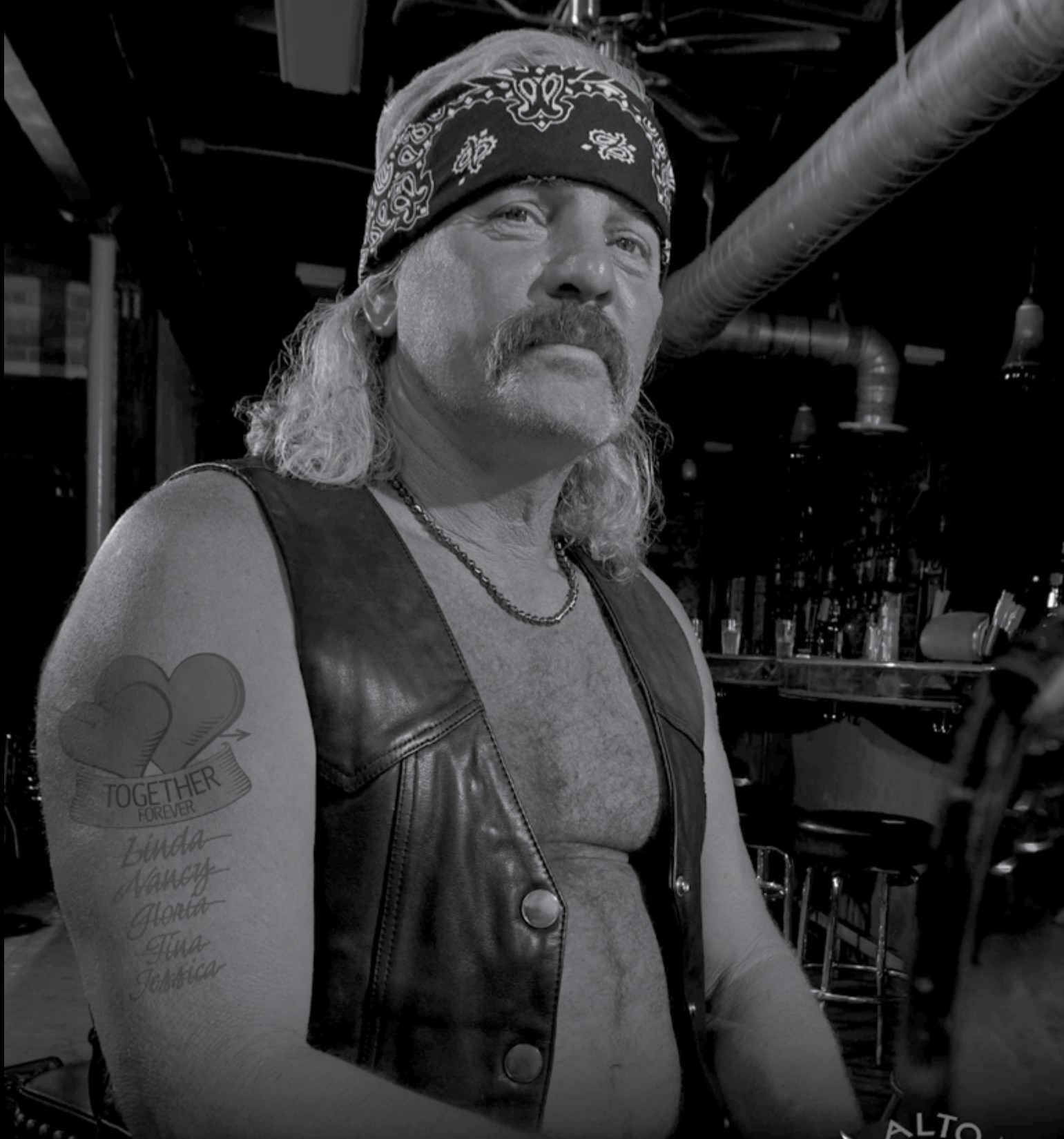
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A3LB1 (FWD)	1	00-Up	297006A	N.L.
006	A3S (RWD)	1	00-Up	297006B	N.L.
	LESS STEEL KITS				
004	A3LB1 (FWD)	1	00-Up	297004A	N.L.
004	A3S (RWD)	1	00-Up	297004B	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A3LB1 (FWD)	1	00-Up	297002A	N.L.
002	A3S (RWD)	1	00-Up	297002B	N.L.
	FILTERS				
010H	Main (FWD)	1	00-Up	297010A	N.L.
010H	Main (RWD)	1	00-Up	297010B	N.L.
016	Thimble (Valve Body)	1	00-Up	297016	N.L.
	BANDS				
022B	Flex	1	00-Up	297022	N.L.
	BUSHINGS				
036	Stator (Front)	1	00-Up	297036	N.L.
037	Stator (Rear)	1	00-Up	297037	N.L.
048	C1 Drum	1	00-Up	297048	N.L.
053	Planet	1	00-Up	297053	N.L.
054	Front Sun Gear	1	00-Up	297054	N.L.
060	Ring Gear Shaft	1	00-Up	297060	N.L.
061	C2 Drum	1	00-Up	297061	N.L.
066	Extension Housing (RWD)	1	00-Up	297066	N.L.
	METAL CLAD SEALS				
070A	Pump	1	00-Up	297070	N.L.
072G	Manual Lever Shaft	1	00-Up	297072	N.L.
074G	Extension Housing (RWD)	1	00-Up	297074	N.L.
076G	Bell Housing (FWD)	1	00-Up	297076	N.L.
077G	Case (FWD)	1	00-Up	297077	N.L.
	FRICTION PLATES				
106E	C2 (.063”)	2	00-Up	297106	N.L.
108B	C1 (.063”)	3	00-Up	297108	N.L.
114D	B1 (.063”)	4	00-Up	297114	N.L.
	STEEL PLATES				
126E	C2 (.076”)	3	00-Up	297126	N.L.
128B	C1 (.055”)	3	00-Up	297128	N.L.
134D	B1 (.055”)	4	00-Up	297134	N.L.
	PRESSURE PLATES				
146E	C2	1	00-Up	297146	N.L.
148B	C1	1	00-Up	297148	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	00-Up	297175	N.L.
178E	Input Shaft	2	00-Up	297178	N.L.
179A	Stator	2	00-Up	297179	N.L.
188	Accumulator, Valve Body	1	00-Up	297188	N.L.
190	Accumulator, Case (Medium)	1	00-Up	297190	N.L.
191	Accumulator, Case (Small)	1	00-Up	297191	N.L.
192	Accumulator, Case (Large)	1	00-Up	297192	N.L.
193	Servo (Large)	1	00-Up	297193	N.L.
194	Servo (Small) (1.420”)	1	00-Up	297194A	N.L.
194	Servo (Small) (1.476”)	1	00-Up	297194B	N.L.
	THRUST WASHERS				
211A	Stator	1	00-Up	297211	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
BEARINGS - THRUST					
225E	Race, Stator	1	00-Up	297225	N.L.
226E	Bearing, Stator	1	00-Up	297226	N.L.
231B	Race, C1 Hub (Front)	1	00-Up	297231	N.L.
232B	Bearing, C1 Hub (Front)	1	00-Up	297232	N.L.
235B	Bearing, C1 Hub (Rear)	1	00-Up	297235	N.L.
241B	Bearing, Reverse Sun Gear	1	00-Up	297241	N.L.
244C	Bearing, Planet to Sun Gear	1	00-Up	297244	N.L.
247C	Bearing, Planet to Ring Gear	1	00-Up	297247	N.L.
BEARINGS - MISCELLANEOUS					
263C	Ball Bearing, Ring Gear	1	00-Up	297263	N.L.
271C	Ball Bearing, Output Shaft (Rear) (RWD)	1	00-Up	297271	N.L.
274C	Roller Bearing, Pinion (Front) (FWD)	1	00-Up	297274	N.L.
281C	Ball Bearing, Pinion (Rear) (FWD)	1	00-Up	297281	N.L.
289G	Ball Bearing, Differential (Rear) (FWD)	1	00-Up	297289	N.L.
292G	Ball Bearing, Differential (Front) (FWD)	1	00-Up	297292	N.L.
GASKETS & O-RINGS					
300H	Gasket, Pan (16 Bolt) (FWD)	1	00-Up	297300A	N.L.
300H	Gasket, Pan (14 Bolt) (RWD)	1	00-Up	297300B	N.L.
303	Gasket, End Cover to Case (FWD)	1	00-Up	297303	N.L.
305	Gasket, Extension Housing (RWD)	1	00-Up	297305	N.L.
310	Gasket, Bell Housing to Case (FWD)	1	00-Up	297310	N.L.
311	O-Ring, Pump	1	00-Up	297311	N.L.
320	Gasket Kit, Valve Body (A3S RWD)	1	00-Up	297320K	N.L.
PUMPS					
500A	Pump	1	00-Up	297500	N.L.
510A	Pump Body w/ Gears	1	00-Up	297510	N.L.
520A	Pump Stator	1	00-Up	297520	N.L.
530A	Pump Gears (GEROTOR)	1	00-Up	297530	N.L.
DRUMS & CLUTCH HUBS					
554E	Drum, C1 w/ Input Shaft	1	00-Up	297554	N.L.
555A	Drum, C2	1	00-Up	297555	N.L.
574B	Hub, C1	1	00-Up	297574	N.L.
PLANETS					
584C	Planet, Compound	1	00-Up	297584	N.L.
594C	Ring Gear , Compound w/ Shaft	1	00-Up	297594	N.L.
SUN GEARS, SHELLS & SUPPORTS					
612F	Sun Gear, Reverse	1	00-Up	297612	N.L.
614F	Sun Gear, Forward	1	00-Up	297614	N.L.
622B	Shell, Sun Gear	1	00-Up	297622	N.L.
ONE WAY CLUTCHES					
654D	Sprag	1	00-Up	297654	N.L.
SHAFTS					
678C	Output Shaft (2WD)	1	00-Up	297678	N.L.
DIFFERENTIALS					
715C	Differential (64T) (FWD)	1	00-Up	297715	N.L.
710C	Output Gear w/ Park (52T) (FWD)	1	00-Up	297710	N.L.
712C	Transfer Gear (55T) (FWD)	1	00-Up	297712	N.L.
730C	Pinion Gear (15T) (FWD)	1	00-Up	297730	N.L.
VALVE BODIES					
740H	Valve Body (FWD)	1	00-Up	297740A	N.L.
740H	Valve Body (RWD)	1	00-Up	297740B	N.L.
CASES & HOUSINGS					
750G	Bell Housing (FWD)	1	00-Up	297750	N.L.
759G	End Cover (FWD)	1	00-Up	297759	N.L.
760G	Case (FWD)	1	00-Up	297760A	N.L.
760G	Case (RWD)	1	00-Up	297760B	N.L.

A3LB1, A3S

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS (Cont.)				
765H	Bottom Pan (16 Bolt) (FWD)	1	00-Up	297765A	N.L.
765H	Bottom Pan (14 Bolt) (RWD)	1	00-Up	297765B	N.L.
770G	Extension Housing (RWD)	1	00-Up	297770	N.L.
	MISCELLANEOUS COMPONENTS				
680F	Governor (FWD)	1	00-Up	297680A	N.L.
680F	Governor (RWD)	1	00-Up	297680B	N.L.
684C	Governor Drive Gear (FWD)	1	00-Up	297684	N.L.
686F	Cover, Governor	1	00-Up	297686	N.L.
796C	Nut, Pinion Shaft (FWD)	1	00-Up	297796	N.L.
847C	Speedometer Drive Gear (RWD)	1	00-Up	297847	N.L.
848H	Speedometer Driven Gear (FWD)	1	00-Up	297848	N.L.
854B	Cushion, C1	1	00-Up	297854	N.L.
855E	Cushion, C2	1	00-Up	297855	N.L.
857D	Cushion, B1	1	00-Up	297857	N.L.
906C	Spring, Servo Piston	1	00-Up	297906	N.L.
907C	Piston, Servo (1.420" Apply Diameter)	1	00-Up	297907A	N.L.
907C	Piston, Servo (1.476 Apply Diameter)	1	00-Up	297907B	N.L.
909C	Cover, Servo Piston (1.420" Apply Diameter)	1	00-Up	297909A	N.L.
909C	Cover, Servo Piston (1.476" Apply Diameter)	1	00-Up	297909B	N.L.
925H	Accumulator, Case (Long)	1	00-Up	297925A	N.L.
925H	Accumulator, Case (Short)	1	00-Up	297925B	N.L.
927H	Accumulator, Valve Body	1	00-Up	297927	N.L.
964E	Piston, C1	1	00-Up	297964	N.L.
965A	Piston, C2	1	00-Up	297965	N.L.
966D	Piston, B1	1	00-Up	297966	N.L.
974A	Return Spring, C1	1	00-Up	297974	N.L.
975A	Return Spring, C2	1	00-Up	297975	N.L.
976D	Return Spring, B1	1	00-Up	297976	N.L.
985A	Retainer, C2 Piston	1	00-Up	297985	N.L.
986D	Retainer, B1 Piston	1	00-Up	297986	N.L.

Notes



Some things last forever.

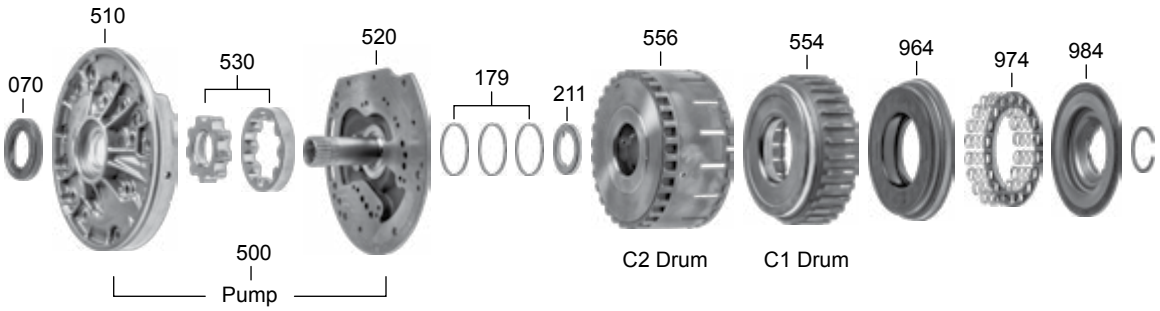
Alto Hi-Energy Lifetime Warranty.

If you are looking for the highest quality and best value, request original Alto Hi-Energy Clutches. For complete details go to altousa.com/am/warranty

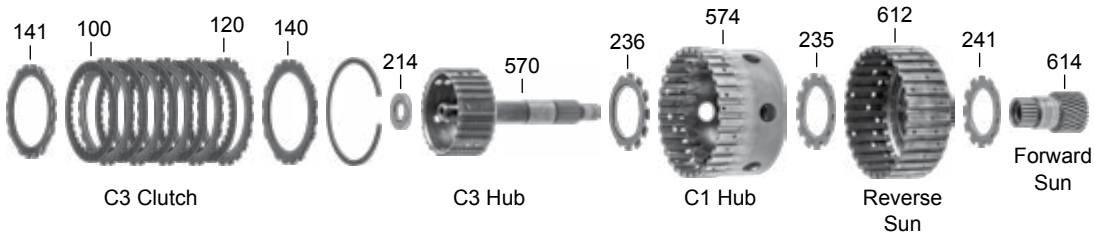
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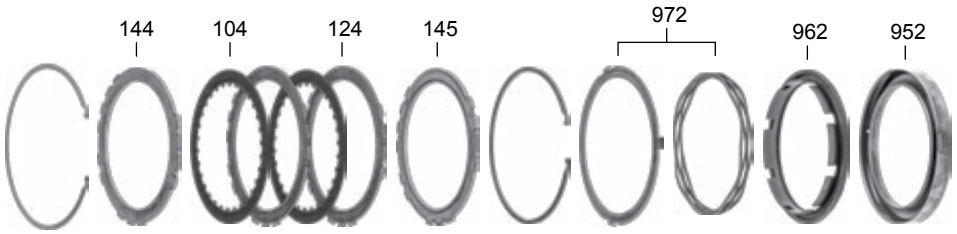
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Pump
C2 Drum
C1 Drum

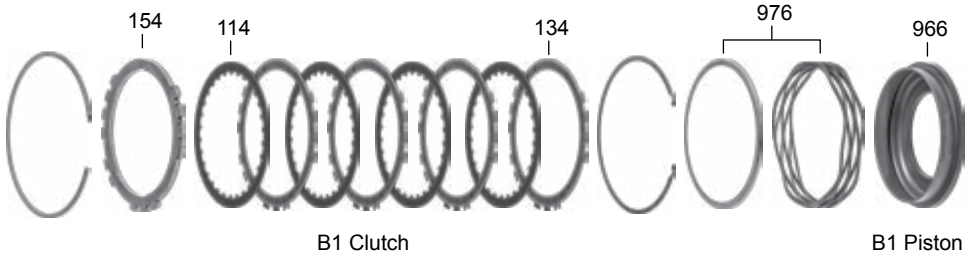
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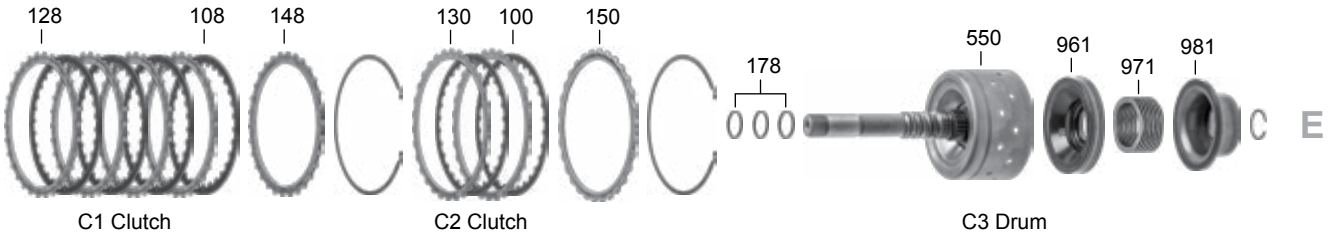

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C3 Clutch
C3 Hub
C1 Hub
Reverse Sun
Forward Sun

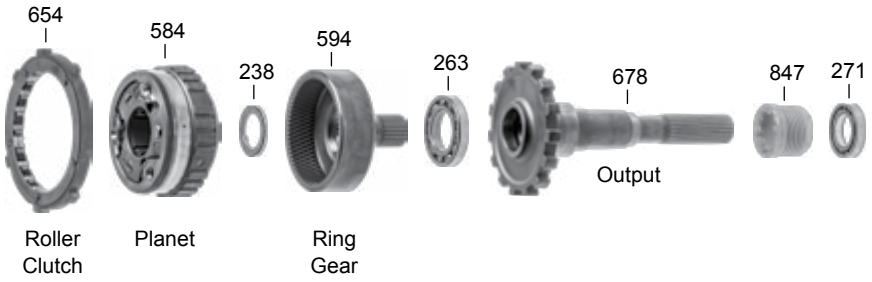
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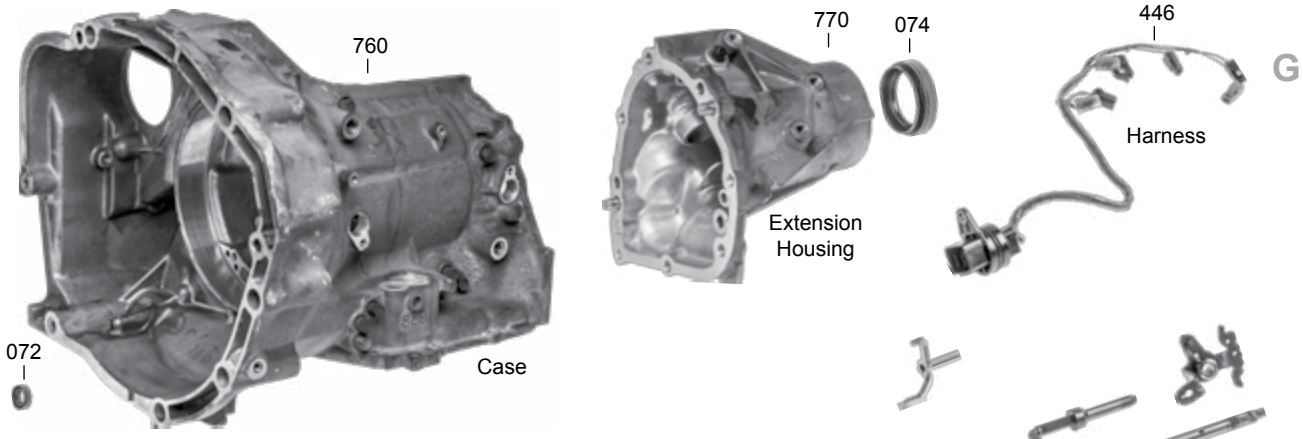

144
104
124
145
972
962
952
B2 Clutch
B2 Piston/Housing

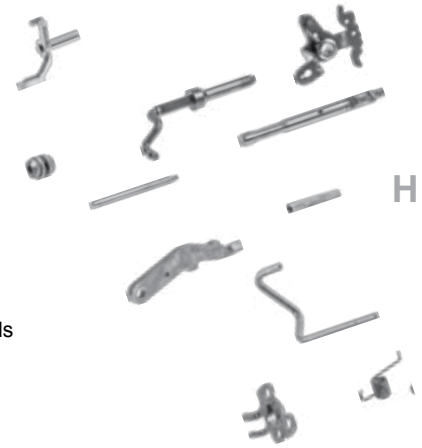
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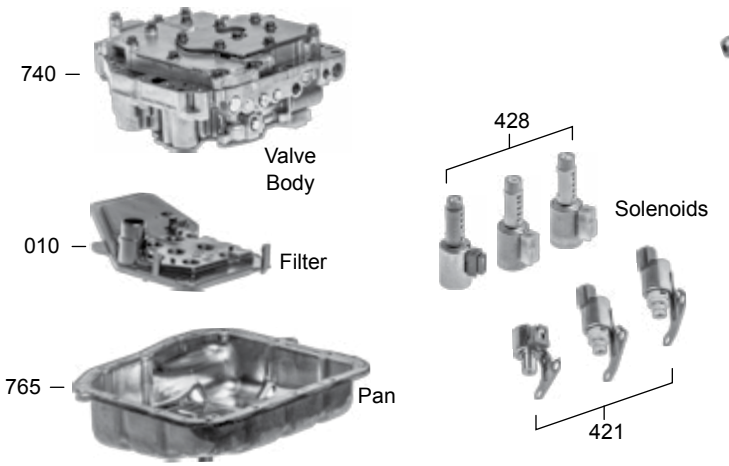

154
114
134
976
966
B1 Clutch
B1 Piston


128
108
148
130
100
150
178
550
961
971
981
E
C1 Clutch
C2 Clutch
C3 Drum


654
584
238
594
263
678
847
271
F
Output
Roller Clutch
Planet
Ring Gear


760
770
074
446
G
Harness
Extension Housing
072
Case


H


740
Valve Body
010
Filter
765
Pan
428
Solenoids
421

A4B, A4P, U540E

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	A4B, A4P (w/ Pistons*)	1	00-Up	287006P	N.L.
006	A4LB1 (A4B, A4P) (Fwd) (w/ Pistons*)	1	94-Up	287006AP	N.L.
006	A4LB1 (A4B, A4P) (Rwd) (w/ Pistons*)	1	94-Up	287006BP	N.L.
006	U540E (w/ Pistons*)	1	02-Up	287006CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 287004N				
LESS STEEL KITS					
004	A4B, A4P (w/ Pistons*)	1	00-Up	287004P	N.L.
004	A4LB1 (A4B, A4P) (Fwd) (w/ Pistons*)	1	94-Up	287004AP	N.L.
004	A4LB1 (A4B, A4P) (Rwd) (w/ Pistons*)	1	94-Up	287004BP	N.L.
004	U540E (w/ Pistons*)	1	02-Up	287004CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 287004N				
OVERHAUL KITS (W/ RINGS & SEALS)					
002	A4LB1 (A4B, A4P) (Fwd) (w/out Pistons**)	1	94-Up	287002N	N.L.
002	A4LB1 (A4B, A4P) (Rwd) (w/out Pistons**)	1	94-Up	287002BN	N.L.
002	U540E (w/out Pistons**)	1	02-Up	287002N	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 287002P				
FILTERS					
010H	A4LB1 (A4B, A4P) Main (FWD) (Oval Pickup)	1	94-Up	287010A	N.L.
010H	A4LB1 (A4B, A4P) Main (RWD) (Square Pickup)	1	94-Up	287010B	N.L.
010H	U540E Main (RWD) (Square Pickup)	1	02-Up	287010C	N.L.
016	Thimble (Valve Body)	1	94-Up	287016	N.L.
BUSHINGS					
036	Stator (Front)	1	94-Up	287036	N.L.
037	Stator (Rear)	1	94-Up	287037	N.L.
038	C3 Drum	1	94-Up	287038	N.L.
054	Front Sun Gear	1	94-Up	287054	N.L.
056	Rear Sun Gear	2	94-Up	287056	N.L.
060	Ring Gear Shaft	1	94-Up	287060	N.L.
066	Extension Housing (RWD)	1	94-Up	287066	N.L.
METAL CLAD SEALS					
070A	Pump	1	94-Up	287070	N.L.
072G	Manual Lever Shaft	1	94-Up	287072	N.L.
074G	Extension Housing (RWD)	1	94-Up	287074	N.L.
076G	Bell Housing (Right Axle) (FWD)	1	94-Up	287076	N.L.
077G	Case (Left Axle) (FWD)	1	94-Up	287077	N.L.
FRICTION PLATES					
100B	C3	6	94-Up	287100	N.L.
104C	B2	3	94-Up	287104	N.L.
108E	C1	4	94-Up	287108	N.L.
110E	C2	2	94-Up	287110	N.L.
114D	B1	4-5	94-Up	287114	N.L.
STEEL PLATES					
120B	C3	5	94-Up	287120	N.L.
124C	B2	2	94-Up	287124	N.L.
128E	C1	4	94-Up	287128	N.L.
130E	C2	2	94-Up	287130	N.L.
134D	B1	4-5	94-Up	287134	N.L.
PRESSURE PLATES					
140B	C3 (Backing Plate)	1	94-Up	287140	N.L.
141B	C3 (Apply Plate)	1	94-Up	287141	N.L.
144C	B2 (Backing Plate)	1	94-Up	287144	N.L.
145C	B2 (Apply Plate)	1	94-Up	287145	N.L.
148E	C1	1	94-Up	287148	N.L.
150E	C2	1	94-Up	287150	N.L.
154D	B1	1	94-Up	287154	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
SEALING RINGS					
175	Sealing Ring Kit	1	94-Up	287175	N.L.
178E	Input Shaft	3	94-Up	287178	N.L.
179A	Stator	3	94-Up	287179	N.L.
BEARINGS - THRUST					
211A	Stator	1	94-Up	287211	N.L.
214B	C3 Hub	1	94-Up	287214	N.L.
235B	C1 Hub (Front)	1	94-Up	287241	N.L.
236B	C1 Hub (Rear)	1	94-Up	287241	N.L.
238F	Planet to Ring Gear	1	94-Up	287238	N.L.
241B	Reverse Sun Gear	1	94-Up	287241	N.L.
BEARINGS - MISCELLANEOUS					
263F	Ball Bearing, Ring Gear	1	94-Up	287263	N.L.
271F	Ball Bearing, Output Shaft (Rear) (RWD)	1	94-Up	287271	N.L.
274F	Roller Bearing, Pinion (Front) (FWD)	1	94-Up	287274	N.L.
281F	Ball Bearing, Pinion (Rear) (FWD)	1	94-Up	287281	N.L.
289G	Ball Bearing, Differential (Rear) (FWD)	1	94-Up	287289	N.L.
292G	Ball Bearing, Differential (Front) (FWD)	1	94-Up	287292	N.L.
GASKETS & O-RINGS					
300H	Gasket, Pan (11 Bolt) (FWD)	1	94-Up	287300A	N.L.
300H	Gasket, Pan (14 Bolt) (RWD)	1	94-Up	287300B	N.L.
311	O-Ring, Pump	1	94-Up	287311	N.L.
ELECTRICAL COMPONENTS					
421H	Solenoid, Shift (Black)	2	94-Up	287421A	N.L.
421H	Solenoid, Shift (Brown)	1	94-Up	287421B	N.L.
428H	Solenoid, Linear (Yellow)	2	94-Up	287428A	N.L.
428H	Solenoid, Linear (Black)	1	94-Up	287428B	N.L.
446G	Harness w/ Connector (FWD)	1	94-Up	287446A	N.L.
446G	Harness w/ Connector (RWD)	1	94-Up	287446B	N.L.
PUMPS					
500A	Pump	1	94-Up	287500	N.L.
510A	Pump Body w/ Gears	1	94-Up	287510	N.L.
520A	Pump Stator	1	94-Up	287520	N.L.
530A	Pump Gears (GEROTOR)	1	94-Up	287530	N.L.
DRUMS & CLUTCH HUBS					
550E	Drum, C3 w/ Input Shaft (Cushion Plate Design)	1	94-Up	287550A	N.L.
550E	Drum, C3 w/ Input Shaft (Non Cushion Plate Design)	1	94-Up	287550B	N.L.
554A	Drum, C1	1	94-Up	287554	N.L.
556A	Drum, C2	1	94-Up	287556	N.L.
570B	Hub, C3	1	94-Up	287570	N.L.
574B	Hub, C1	1	94-Up	287574	N.L.
PLANETS					
584F	Planet, Compound	1	94-Up	287584	N.L.
594F	Ring Gear w/ Shaft (FWD)	1	94-Up	287594A	N.L.
594F	Ring Gear w/ Shaft (RWD)	1	94-Up	287594B	N.L.
SUN GEARS, SHELLS & SUPPORTS					
612B	Sun Gear, Reverse w//Shell	1	94-Up	287612	N.L.
614B	Sun Gear, Forward	1	94-Up	287614	N.L.
ONE WAY CLUTCHES					
654F	Roller Clutch	1	94-Up	287654	N.L.
SHAFTS					
678F	Output Shaft (2WD)	1	94-Up	287678	N.L.
DIFFERENTIALS					
715G	Differential (65T) (FWD)	1	94-Up	287715	N.L.
710F	Output Gear w/ Park (55T) (FWD)	1	94-Up	287710	N.L.
712F	Transfer Gear (58T) (FWD)	1	94-Up	287712	N.L.
730F	Pinion Gear (17T) (FWD)	1	94-Up	287730	N.L.

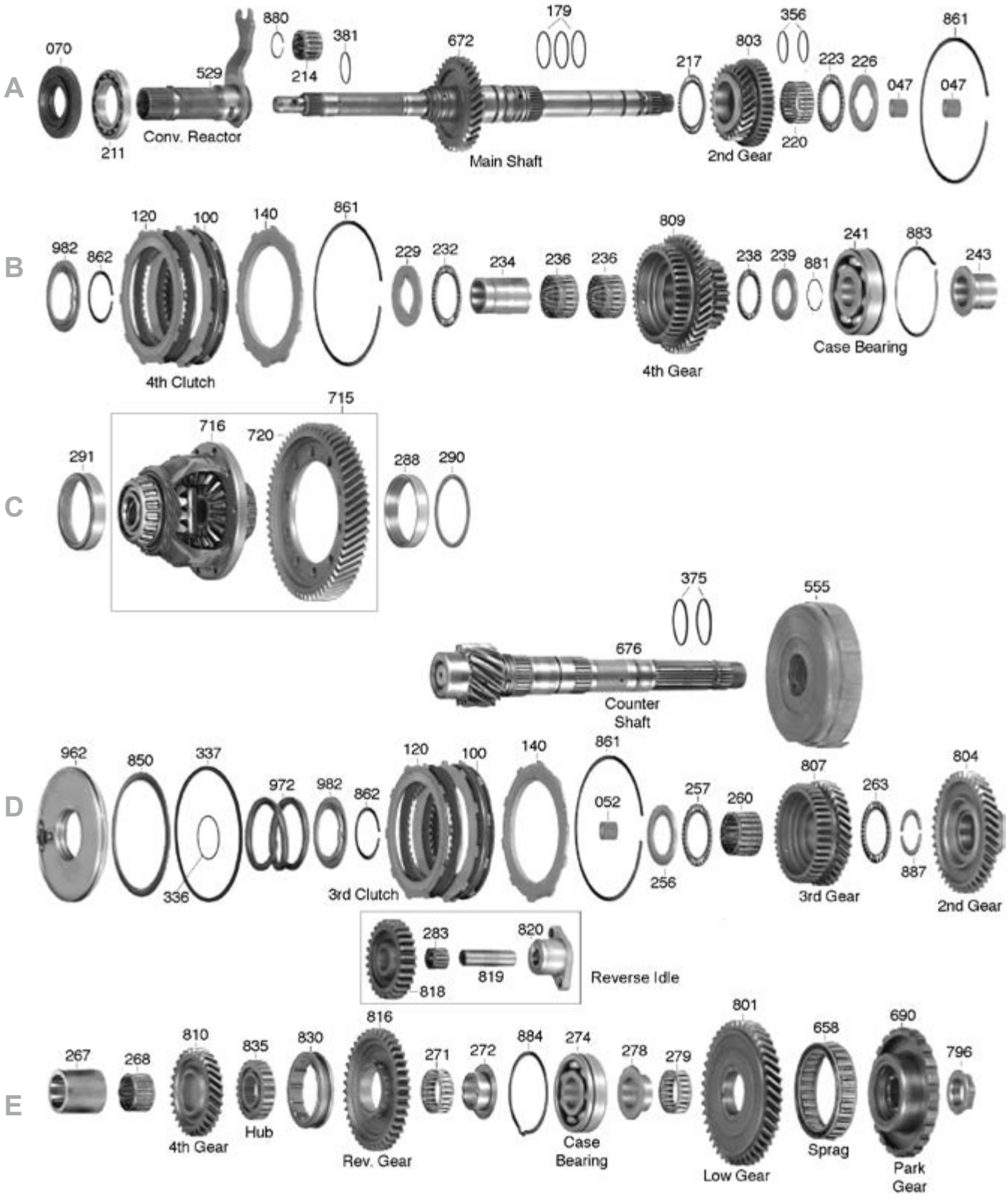
A4B, A4P, U540E

ILL.		QTY.	YEAR	PART No.	REF. No.
	VALVE BODIES				
740H	Valve Body (FWD)	1	94-Up	287740A	N.L.
740H	Valve Body (RWD)	1	94-Up	287740B	N.L.
	CASES & HOUSINGS				
750G	Bell Housing (FWD)	1	94-Up	287750	N.L.
759G	End Cover (FWD)	1	94-Up	287759	N.L.
760G	Case (FWD)	1	94-Up	287760A	N.L.
760G	Case (RWD)	1	94-Up	287760B	N.L.
765H	Bottom Pan (11 Bolt) (FWD)	1	94-Up	287765A	N.L.
765H	Bottom Pan (14 Bolt) (RWD)	1	94-Up	287765B	N.L.
770G	Extension Housing (RWD)	1	94-Up	287770	N.L.
	MISCELLANEOUS COMPONENTS				
796F	Nut, Pinion Shaft (FWD)	1	94-Up	287796	N.L.
847F	Speedometer Drive Gear (RWD)	1	94-Up	287847	N.L.
851	Cushion, C3	1	94-Up	287851	N.L.
952C	Piston Support, B2 (Aluminum)	1	94-Up	287952A	N.L.
952C	Piston Support, B2 (Bonded)	1	94-Up	287952B	N.L.
960	Piston Kit (Bonded) (A4LB1)	1	94-Up	287960K	N.L.
960	Piston Kit (Bonded) (U540E)	1	02-Up	287960AK	N.L.
960E	Piston, C3 (Bonded)	1	94-Up	287960	N.L.
962C	Piston, B2 (Aluminum)	1	94-Up	287962A	N.L.
962C	Piston, B2 (Bonded)	1	94-Up	287962B	N.L.
964A	Piston, C1 (Bonded)	1	94-Up	287964	N.L.
967D	Piston, B1 (Bonded) (A4LB1) (1.100” Tall)	1	94-Up	287967	N.L.
967D	Piston, B1 (Bonded) (U540E) (1.000” Tall)	1	02-Up	287967A	N.L.
970E	Return Spring, C3	1	94-Up	287970	N.L.
972C	Return Spring, B2 (Aluminum)	1	94-Up	287972A	N.L.
972C	Return Spring, B2 (Bonded)	1	94-Up	287972B	N.L.
974A	Return Spring, C1	1	94-Up	287974	N.L.
977D	Return Spring, B1	1	94-Up	287977	N.L.
980E	Balance Piston, C3 (Bonded) (Retainer)	1	94-Up	287980	N.L.
984A	Balance Piston, C1 (Bonded) (Retainer)	1	94-Up	287984	N.L.

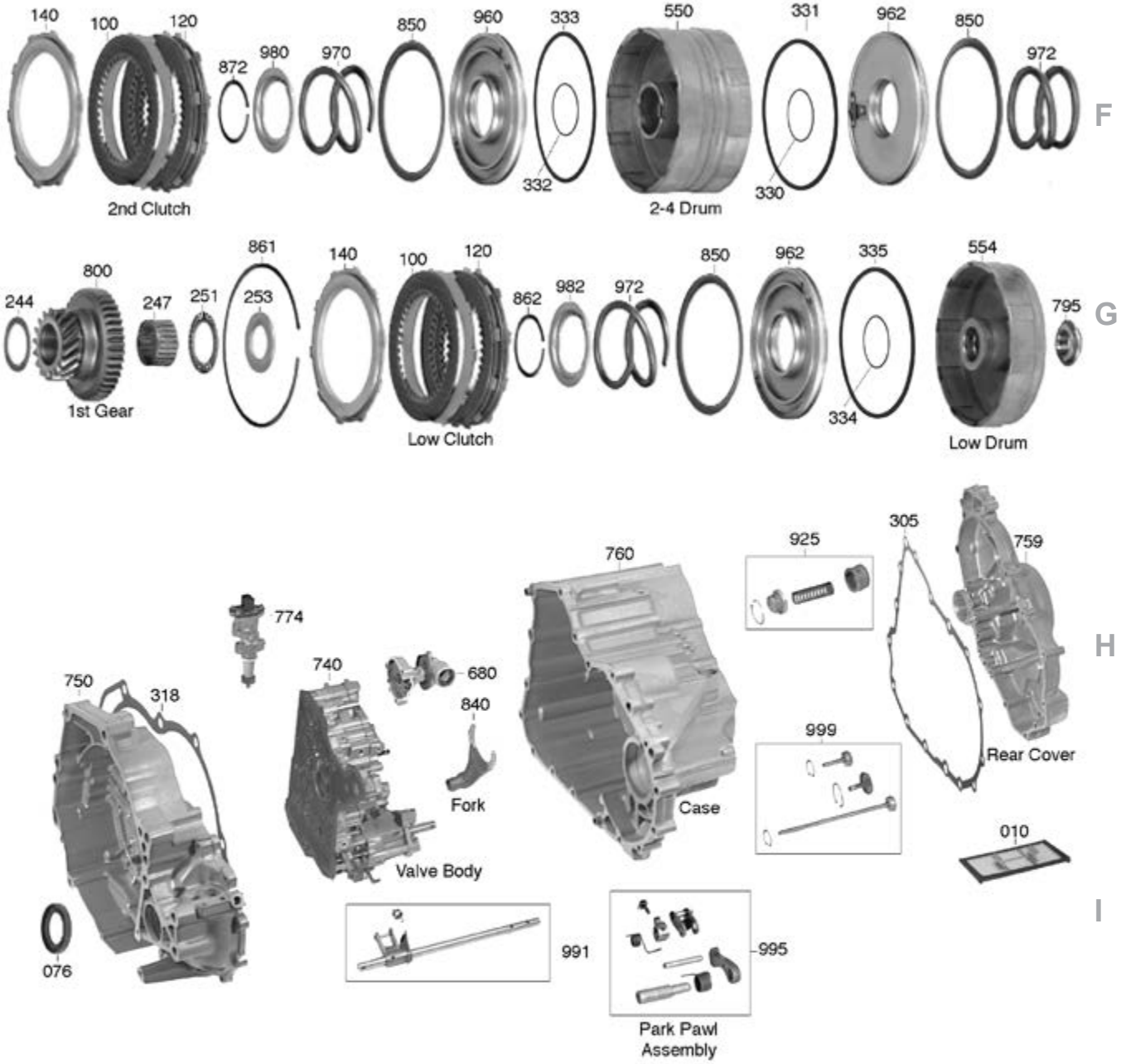
Notes

Notes

4 SPEED 2 SHAFT



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140
100
120
872
980
970
850
960
333
332
2nd Clutch
550
331
330
2-4 Drum
962
850
972
F
244
800
247
251
861
253
1st Gear
140
100
120
Low Clutch
862
982
972
850
962
335
334
554
795
Low Drum
G
774
750
318
740
680
840
Fork
Valve Body
760
Case
925
999
305
759
Rear Cover
010
H
I
076
991
995
Park Pawl
Assembly

4 SPEED 2 SHAFT

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	Accord (1983) (AK)	1	1983	60006A	N.L.
006	Accord (84-85) (AS)	1	84-85	60006B	N.L.
006	Accord (86-89) (F4)	1	86-89	60006C	N.L.
006	Civic (86-87) (CA)	1	86-87	60006BA	N.L.
006	Civic (88-91) (L4, ML4A)	1	88-91	60006L	N.L.
006	CRX (88-91) (L4, ML4A)	1	88-91	60006L	N.L.
006	Del Sol (86-87) (CA)	1	86-87	60006BA	N.L.
006	Integra (86-87) (CA)	1	86-87	60006D	N.L.
006	Integra (88-89) (P1)	1	88-89	60006D	N.L.
006	Legend (86-90) (G4, L5, PL5X) (91-Up Legend, Vigor see 4 Speed 3 Shaft)	1	86-90	60006H	N.L.
006	Prelude (83-87) w/ Carb (AS)	1	83-87	60006B	N.L.
006	Prelude (85-87) w/ F.I. (F4)	1	85-87	60006C	N.L.
006	Prelude (88-91) (K4, PY8A, MY8A)	1	88-91	60006E	N.L.
	LESS STEEL KITS				
004	Accord (1983) (AK)	1	1983	60004A	N.L.
004	Accord (84-85) (AS)	1	84-85	60004B	N.L.
004	Accord (86-89) (F4)	1	86-89	60004C	N.L.
004	Civic (86-87) (CA)	1	86-87	60004B	N.L.
004	Civic (88-91) (L4, ML4A)	1	88-91	60004L	N.L.
004	CRX (88-91) (L4, ML4A)	1	88-91	60004L	N.L.
004	Del Sol (86-87) (CA)	1	86-87	60004B	N.L.
004	Integra (86-87) (CA)	1	86-87	60004D	N.L.
004	Integra (88-89) (P1)	1	88-89	60004D	N.L.
004	Legend (86-90) (G4, L5, PL5X) (91-Up Legend, Vigor see 4 Speed 3 Shaft)	1	86-90	60004H	N.L.
004	Prelude (83-87) w/ Carb (AS)	1	83-87	60004B	N.L.
004	Prelude (85-87) w/ F.I. (F4)	1	85-87	60004C	N.L.
004	Prelude (88-91) (K4, PY8A, MY8A)	1	88-91	60004E	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	AK, AS, CA (Civic)	1	83-87	60002A	N.L.
002	CA (Integra)	1	86-87	60002D	N.L.
002	F4	1	85-89	60002C	N.L.
002	K4, PY8A, MY8A	1	88-91	60002E	N.L.
002	L4, ML4A, P1	1	88-91	60002L	N.L.
002	G4, L5, PL5X	1	86-90	60002H	N.L.
	FILTERS				
010I	AK, AS, F4, CA, G4	1	83-89	60010A	25420PC9000
010I	L4, ML4A, P1	1	88-91	60010D	25420-PL4000
010I	K4 (88-89)	1	88-89	60010E	25420PK4900
010I	K4 (90-91), PY8A, MY8A	1	90-91	60010EC	25420PY8J10
010I	L5, PL5X	1	88-90	60010H	25420-PL5000
	BUSHINGS				
030	Bushing Kit	1	83-91	60030A	N.L.
047A	Main Shaft (.337” OD)	1	83-91	60047A	N.L.
047A	Main Shaft (.457” OD)	1	83-91	60047AA	N.L.
052D	Pinion Shaft (.412” OD)	1	83-91	60052A	N.L.
	METAL CLAD SEALS				
070A	Front (Helix Counter Clockwise)	1	83-91	60070	91207PR0003
070A	Front (Helix Clockwise)	1	86-90	60070H	91207PG4005
072	Manual Shaft	1	83-91	60072	31375-31X01
072	Throttle Shaft	1	83-91	60072A	91201PA9003
076H	Case (AK, AS, CA) (40x62x8mm)	1	83-87	60076A	N.L.
076H	Case (AK, AS, CA) (35x62x9mm)	1	83-87	60076AA	91205PC9005
076H	Case (F4, K4) (40x62x8mm)	1	85-91	60076A	N.L.
076H	Case (F4, K4) (40x62x9mm)	1	85-91	60076CA	91205PC9711
076H	Case (K4, PY8A, MY8A)	1	88-91	80076	91206PK4003
076H	Case (L4, ML4A)	1	88-91	60076L	91206-689-005
076H	Case (P1)	1	88-89	60076G	91206PC8005
076H	Case (G4, L5, PL5X)	1	86-90	60077H	91206PG2005
077H	Bell (AK, AS)	1	83-87	60077AA	91206PC9005
077H	Bell (CA) (35x76x9mm)	1	86-87	60077AA	91206PC9005
077H	Bell (CA) (40x76x9mm)	1	86-87	60077A	91206PC9711
077H	Bell (F4)	1	85-89	60077A	91206-PC9711

4 SPEED 2 SHAFT

ILL.		QTY.	YEAR	PART No.	REF. No.
	METAL CLAD SEALS (Cont.)				
077H	Bell (K4 Exc. Civic Awd) (PY8A, MY8A)	1	88-91	60077C	91205PL3A02
077H	Bell (K4 Civic Awd)	1	88-91	60077E	N.L.
077H	Bell (L4, ML4A, P1)	1	88-91	60077C	91205PL3A02
076H	Bell (G4, L5, PL5X)	1	86-90	60077H	91206PG2005
	FRICTION PLATES				
100B	106mm (38T) (4 3/16" OD)	12	83-91	60100A	22544PA9020
100B	110mm (38T) (4 5/16" OD)	12	84-91	60100B	22544P24A01
100B	116mm (41T) (4 9/16" OD)	12-16	85-91	60100C	22544PF4010
	STEEL PLATES				
120B	106mm (8T) (.070") (3.220" ID)	AR	83-91	60120AA	22543PA9000
120B	106mm (8T) (.079") (3.220" ID)	12	83-91	60120A	22543PA9000
120B	110mm (8T) (.063") (3.230" ID)	3-12	88-91	60120BB	22543PH0850
120B	110mm (8T) (.080") (3.230" ID)	9-12	84-91	60120B	22543PC9000
120B	116mm (10T) (.070") (3.438" ID)	AR	85-91	60120CA	N.L.
120B	116mm (10T) (.080") (3.438" ID)	12-16	85-91	60120C	22543PF4000
	GASKETS & O-RINGS				
325	Case Gasket Set (F4)	1	85-89	60325C	N.L.
381I	O-Ring, Converter Hub (32.0mm ID)	1	83-99	60381D	91302639000
381I	O-Ring, Converter Hub (35.5mm ID)	1	83-99	30381	N.L.
325	Case Gasket Set (Legend Coupe 1987, Legend 1988-89)	1	87-89	60325HA	N.L.
	TECHNICAL MANUALS				
400I	Tech Manual (Carb) (AK, AS)	1	83-87	60400A	83-HDA4CAR
400I	Tech Manual, Revised (F4)	1	85-89	60400C	83-HDA4FIT
400I	Tech Manual, Integra (CA)	1	86-87	60400D	83-INT8788TM
400I	Tech Manual, Prelude (Computer Controlled) (K4) (CD Only)	1	88-91	60400E	83-HDA4CCT
400I	Tech Manual, Legend (G4)	1	86-87	60400H	83-LEG8788TM
400I	Tech Manual, Legend (Computer Controlled) (L5, PL5X)	1	88-90	60400HA	83-LEG8990TM
	DRUMS & CLUTCH HUBS				
550F	2-4 Drum (F4) (w/ Thin Hub) (1.590" ID 2nd Piston)	1	85-89	60550C	N.L.
550F	2-4 Drum (L4, ML4A, P1)	1	88-91	60550G	22610PL4850
550F	2-4 Drum (G4, L5, PL5X)	1	86-90	60550HA	22610PF4010
	ONE WAY CLUTCHES				
658E	Sprag, Low (26 Lugs) (CA, AK, AS, L4, P1, Some F4)	1	83-91	60658A	23423PA9003
658E	Sprag, Low (L5, PL5X)	1	88-90	60658HA	23423PG4003
	SHAFTS				
672A	Main Shaft (F4) (3.465" OD of Gear) (Carb)	1	85-89	60672C	23210PF4700
	GEARS				
810E	Gear, 4th Countershaft (L5, PL5X) (29T, Left Angled, No Groove)	1	86-90	60810HC	23471PL5000
816E	Gear, Reverse Countershaft (40T, 4.156" OD) (F4, K4, PY8A, MY8A)	1	85-91	60816C	23531PF4000
816E	Gear, Reverse Countershaft (43T, 1 Groove) (AK, AS)	1	83-87	60816A	23531PC9000
	SELECTORS (Reverse Counter Shaft)				
830E	Selector, Rev C/S (AK, AS, CA) (2.200" OD Fork Groove)	1	83-91	60830A	23565PC9830
830E	Selector, Rev C/S (AK, AS, CA) (2.435" OD Fork Grv) (Angled T Both Sides)	1	83-91	60830M	23565POZ000
830E	Selector, Rev C/S (F4) (2.200" OD Fork Groove)	1	83-91	60830A	23565PC9830
830E	Selector, Rev C/S (F4) (2.275" OD Fork Groove) (Angled T on Both Sides)	1	85-91	60830C	23565PF4000
830E	Selector, Rev C/S (F4) (2.275" OD Fork Groove) (Angled T on Rev & 4th)	1	85-91	60830CA	23565PLX000
830E	Selector, Rev C/S (F4) (2.435 OD Fork Groove) (Angled 26T on Both Sides)	1	83-91	60830M	23565POZ000
830E	Selector, Rev C/S (K4, PY8A, MY8A) (Angled T on Both Sides)	1	85-91	60830C	23565PF4000
830E	Selector, Rev C/S (K4, PY8A, MY8A) (Angled T on Rev, Angled T on 4th)	1	85-91	60830CA	23565PLX000
830E	Selector, Rev C/S (L4, ML4A, P1) (2.200" OD Fork Groove)	1	83-91	60830A	23565PC9830
830E	Selector, Rev C/S (L4, ML4A, P1) (2.275" OD Fork Groove)	1	83-91	60830L	23565PP6010
830E	Selector, Rev C/S (L4, ML4A, P1) (2.435" OD Fork Grv) (Angled T Both Sides)	1	83-91	60830M	23565POZ000
830E	Selector, Rev C/S (L5) (24T Angled on Both Sides)	1	86-90	60830HB	23565PL5J01
830E	Selector, Rev C/S (L5) (Right Angled T on Rev & Pointed T 4th Side)	1	86-90	60830HA	23565PL5Z03
830E	Selector, Rev C/S (PL5X)	1	83-91	60830J	N.L.

4 SPEED 2 SHAFT

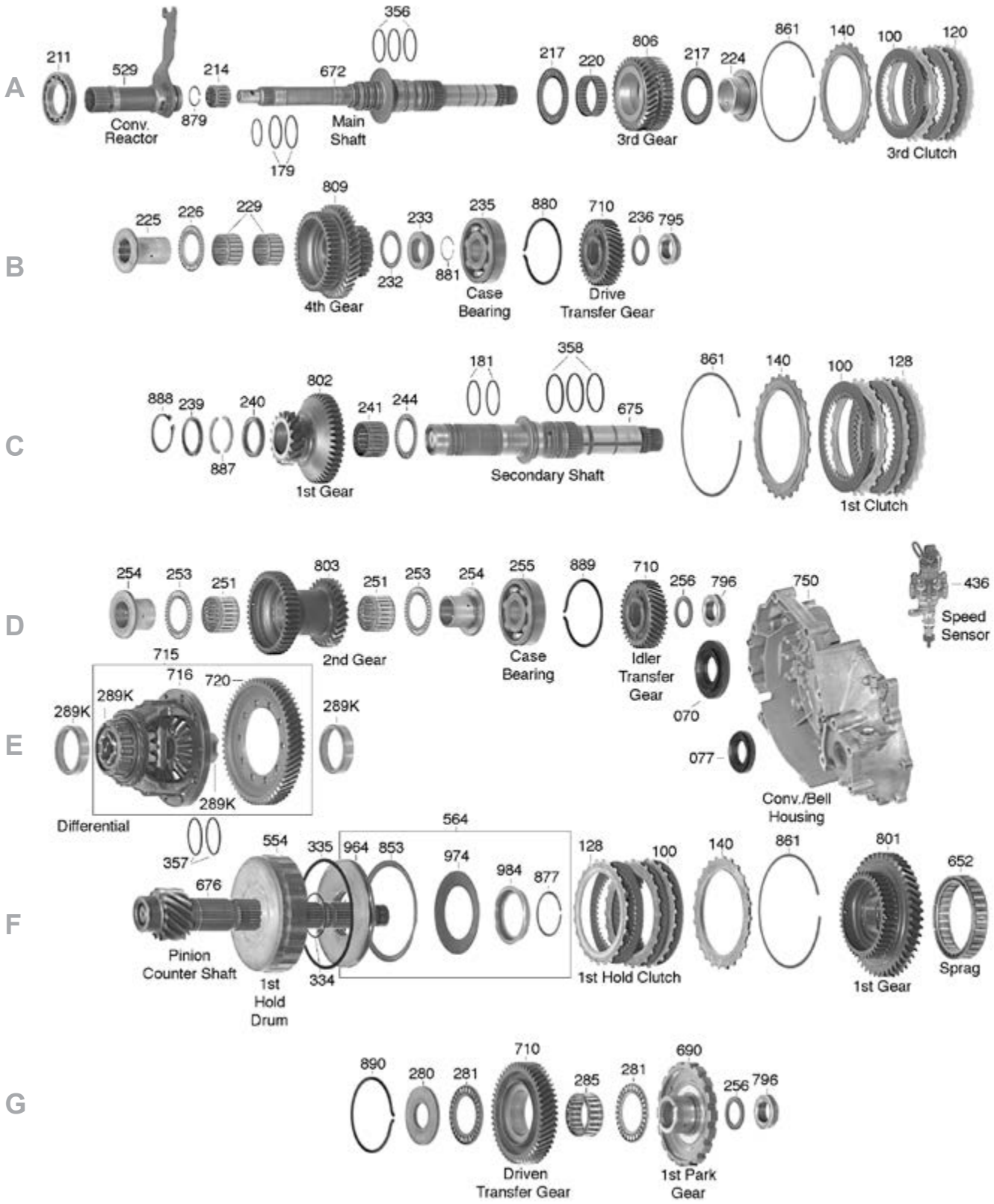
ILL.		QTY.	YEAR	PART No.	REF. No.
	FORKS				
840I	Shift Fork (1.125" Wide At Shaft) (AK, AS)	1	83-87	60840A	24111PC9000
840I	Shift Fork (Cast # F4) (Uses 2.275" Selector) (F4)	1	85-89	60840CA	24111PF4020
840I	Shift Fork (.750" Wide At Shaft) (CA)	1	86-87	60840D	24111PHO000
840I	Shift Fork (Cast # P6) (L4, ML4A)	1	88-91	60840LA	24111PP6000
840I	Shift Fork (Cast # JO) (L5)	1	86-90	60840HC	24111PL5J00
	MISCELLANEOUS COMPONENTS				
717	Pin, Diff Spider Gear (Gold Colored) (CA, F4, K4, L4, P1, PY8A, MY8A)	1	85-91	60717C-8	41321PL3T00
717	Pin, Diff Spider Gear (Gold Colored) (G4, L5, PL5X)	1	86-96	60717J-8	41321PL5Z02
850F	Cushion, Waved (116mm) (Replaces Dished)	4	83-91	60850C	N.L.
795H	Nuts, Counter Shaft (18mm Left Hand) 6 Point Hex	1	83-91	60795C	N.L.
795H	Nuts, Counter Shaft (19mm Right Hand) 6 Point Hex	1	83-91	60796A	90201689900
795H	Nuts, Counter Shaft (22mm Left Hand) 6 Point Hex	1	83-91	80796B	90202P56000
795H	Nuts, Counter Shaft (22mm Right Hand) 6 Point Hex	1	83-91	80796A	90202PF4010
795H	Nuts, Counter Shaft (23mm Right Hand) 6 Point Hex	1	83-91	80795C	90201P0Z000
795H	Nuts, Counter Shaft (23mm Right Hand) 6 Point Hex	1	83-91	80796	90203PX4010
795H	Nuts, Main Shaft (18mm Left Hand) 12 Point Hex	1	83-91	60795A	90202PG4020
795H	Nuts, Main Shaft (18mm Right Hand) 12 Point Hex	1	83-91	60796C	N.L.
795H	Nuts, Main Shaft (20mm Left Hand) 12 Point Hex	1	83-91	80795D	90201P4P000
795H	Nuts, Main Shaft (23mm Left Hand) 6 Point Hex	1	83-91	80795	90201PX4010
795H	Nuts, Main Shaft (23mm Left Hand) 6 Point Hex	1	83-91	80796D	90203P0Z000
795H	Nuts, Secondary Shaft (22mm Left Hand) 6 Point Hex	1	83-91	80796B	90202P56000
795H	Nuts, Secondary Shaft (23mm Right Hand) 6 Point Hex	1	83-91	80796	90203PX4010
795H	Nuts, Secondary Shaft (23mm Right Hand) 6 Point Hex	1	83-91	80795C	90201P0Z000
Tool	Tool, Bushing Remover & Installer	1	83-91	T-28999	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Thrust Washer, 2nd Gear to Race (Replaces Brg) (AK, AS, CA, L4, P1)	N.I.	N.I.	S60223AB	88406-SP
Vol 9	Thrust Washer, 2nd Gear to Race (Replaces Brg) (K4, G4, L5, PL5X)	N.I.	N.I.	S60223EB	88406C

Notes

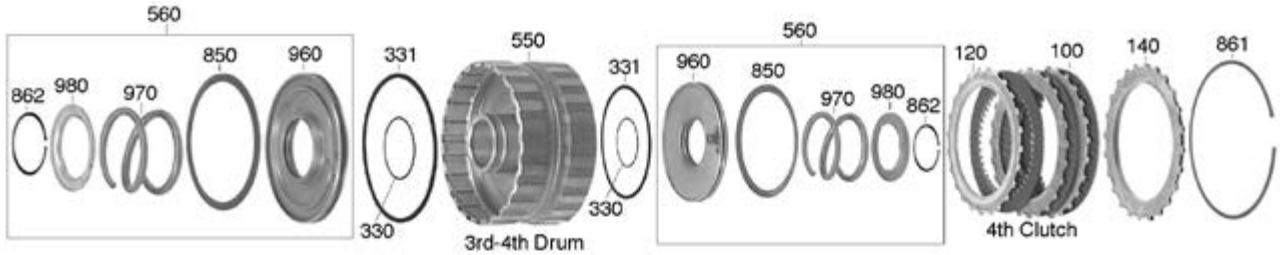
Notes

4 SPEED 3 SHAFT

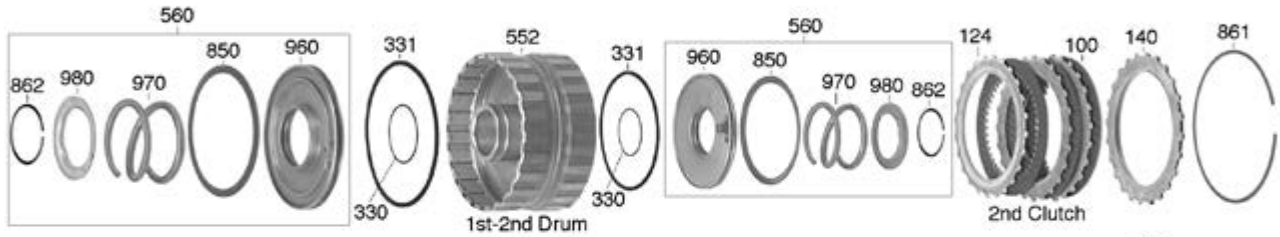


70 **80** **90**

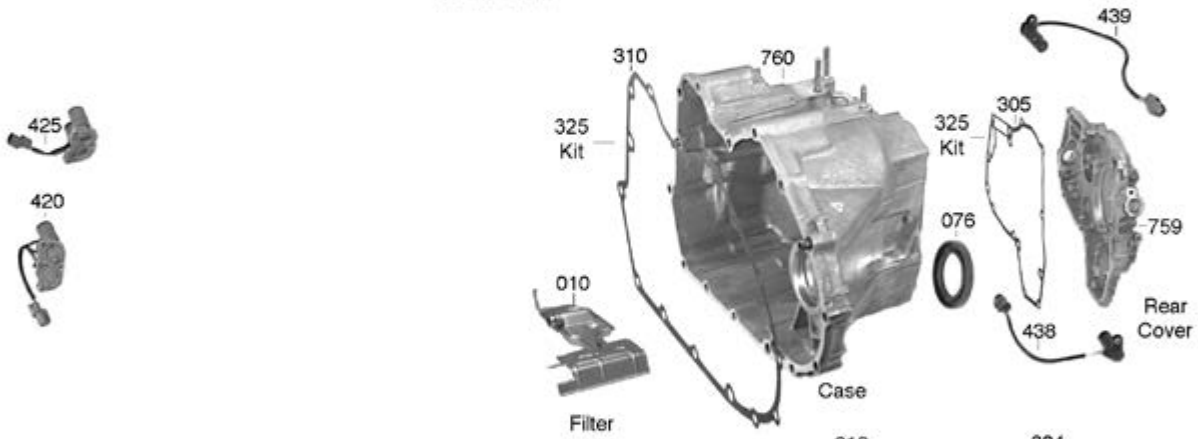
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3rd-4th Drum
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4th Clutch

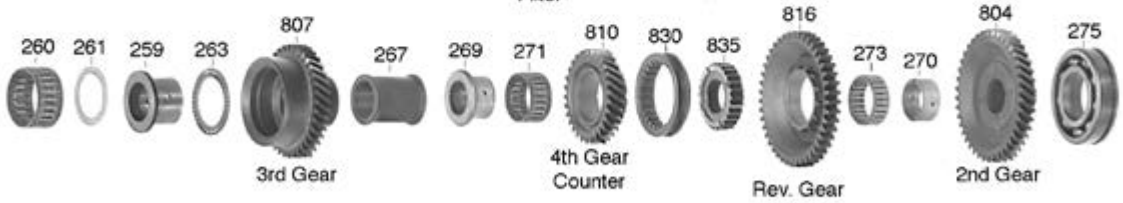
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2nd Clutch

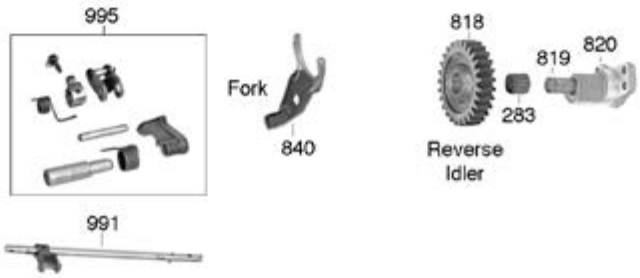
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Rear
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263
807
3rd Gear
267
269
271
810
830
835
4th Gear
Counter
816
Rev. Gear
273
270
804
2nd Gear
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K


995
Fork
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818
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Reverse
Idler
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L

4 SPEED 3 SHAFT GUIDE

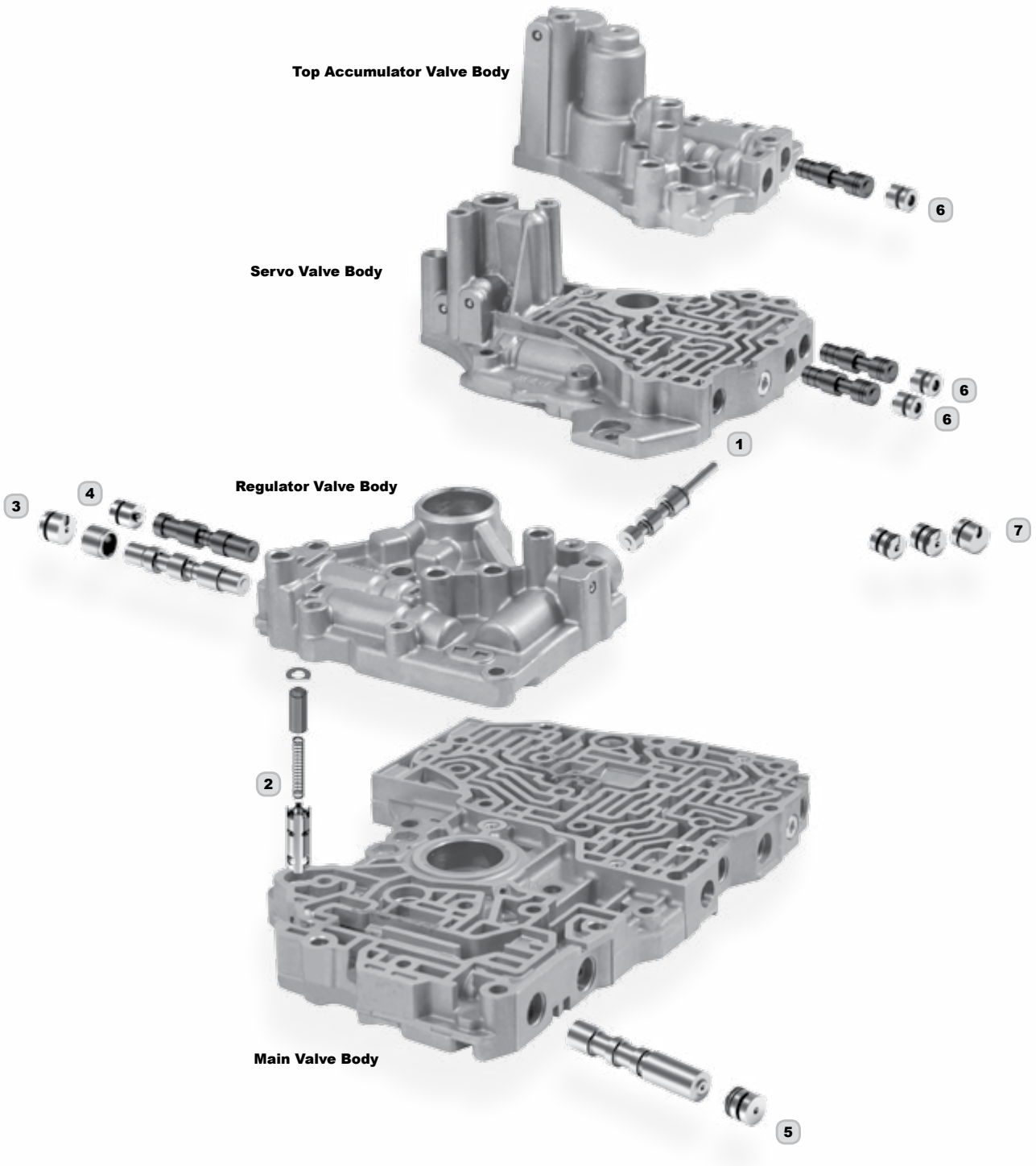
Model	Years	Trans.	Kit w/ Steels	Kit w/o Steels	OHK	Filter	Front Seal	Left Axle Seal	Right
ACURA									
2.2 CL	96-97	A6VA	80006	80004	80002	80010A	60070	60077H	80076
2.3 CL	98-99	B6VA	80006D	80004D	80002E	80010E	60070	60077H	80076
2.5 TL	95-98	M1WA	70006CA	70004CA	70002C	70010C	60070	60077H	70077C
3.0 CL (97 Filter 80010B)	96-99	M7ZA	80006G	80004G	80002C	80010D	60070H	80076C	60077H
3.2 TL	96-98	M5HA	70006BA	70004BA	70002B	70010B	70070B	70076B	70077B
3.2 TL	1999	B7VA	80006H	80004H	80002C	80010D	70070B	80076C	60077H
3.5 RL	96-04	M5DA	70006BA	70004BA	70002B	70010B	70070B	70076B	70077B
INTEGRA	1990	RO	70006A	70004A	70002A	70010A	60070	60077H	60076G
INTEGRA	91-93	MPRA	70006A	70004A	70002A	70010A	60070	60077H	60076G
INTEGRA	94-95	MP7A, SP7A	70006D	70004D	70002D	70010D	60070	60077C	60076G
INTEGRA	96-99	S4XA	70006E	70004E	70002D	70010D	60070	60077C	60076G
INTEGRA	00-01	SKWA	70006E	70004E	70002D	70010D	60070	60077C	60076G
LEGEND	91-95	MPYA	70006BA	70004BA	70002B	70010B	70070B	70076B	70077B
NSX	91-05	MR9A	190006	190004	190002	190010	190070	190076	190077
VIGOR	92-94	MPWA	70006CA	70004CA	70002C	70010C	60070	60077H	70077C
HONDA									
ACCORD	1990	PX4B	80006	80004	80002	80010	60070	60077H	80076
ACCORD (USA Built)	1991	APX4	80006	80004	80002	80010	60070	60077H	80076
ACCORD (Japan Built)	1991	MPXA	80006	80004	80002	80010	60070	60077H	80076
ACCORD (Wagon)	1991	APXA	80006	80004	80002	80010A	60070	60077H	80076
ACCORD (USA Built)	1992	APX4	80006	80004	80002	80010A	60070	60077H	80076
ACCORD (Japan Built)	1992	MPWA	80006	80004	80002	80010A	60070	60077H	80076
ACCORD	1993	MPXA	80006	80004	80002	80010A	60070	60077H	80076
ACCORD (4 Cyl.)	94-97	MPOA,AOYA,BOYA	80006	80004	80002	80010A	60070	60077H	80076
ACCORD (V6)	95-97	MPZA	80006C	80004C	80002C	80010C	60070H	80076C	60077H
ACCORD (4 Cyl.) (USA Built)	98-02	BAXA	80006D	80004D	80002E	80010E	60070	60077H	80076
ACCORD (4 Cyl.) (Japan Built)	98-02	MAXA	80006D	80004D	80002E	80010E	60070	60077H	80076
ACCORD (V6)	98-02	B7XA	80006G	80004G	80002C	80010D	60070H	80076C	60077H
CIVIC (Awd)	89-90	S5, MPSA	90006A	90004A	90002A	60010H	60070	60077C	60076L
CIVIC	92-95	A24A, A2YA	90006C	90004C	90002C	90010C	60070	60077C	60076L
CIVIC (Exc. HX)	1996	A4RA	90006D	90004D	90002D	70010D	60070	60077C	60076L
CIVIC (Exc. HX)	97-98	B4RA,B46A,M4RA	90006D	90004D	90002D	70010D	60070	60077C	60076L
CIVIC (Exc. HX)	99-00	BDRA,S4RA	90006D	90004D	90002D	90010D	60070	60077C	60076L
CIVIC (Exc. GX, HX)	01-05	BMXA,SLXA	90006H	90004H	90002D	90010D	60070	60077C	60076L
CR-V (Fwd)	98-01	MDLA	90006E	90004E	90002E	70010D	60070	60077C	60076G
CR-V (Awd)	97-01	M4TA, MDMA	90006E	90004E	90002E	70010D	60070	60077C	60076G
CR-V (Fwd)	02-04	MCVA	90006G	90004G	30002B	30010B	60070	90076B	60077H
CR-V (Awd) (Add 90001 also)	02-04	MRVA	90006G	90004G	30002B	30010B	60070	90076B	60077H
DEL SOL	93-97	M24A, S24A	90006C	90004C	90002C	90010C	60070	60077C	60076L
ELEMENT (2wd & 4wd)	03-04	BZKA, MZKA	90006G	90004G	30002B	30010B	60070	90076B	60077H
ELEMENT (2wd & 4wd)	05-06	BZKA, MZKA	90006GA	90004G	30002B	30010B	60070	90076B	60077H
ODYSSEY	95-97	MPJA	80006	80004	80002	80010A	60070	60077C	80076
ODYSSEY	1998	MDWA	80006D	80004D	80002E	80010E	60070	60077C	80076
ODYSSEY	99-01	B7YA,B7TA	80006H	80004H	80002C	80010D	60070H	60077H	80076C
PRELUDE S	92-96	MP1A, MP1B	80006	80004	80002	80010A	60070	60077H	80076
PRELUDE SI	92-96	MP1A, MP1B	80006B	80004	80002	80010A	60070	60077H	80076
PRELUDE	97-01	M6HA	80006E	80004E	80002E	80010E	60070	60077C	80076

4 SPEED 3 SHAFT GUIDE

Model	Years	Trans.	Case Gasket Set	Bonded Piston (Retainer)	Bushing Kit	Sprag
ACURA						
2.2 CL	96-97	A6VA	80325BB	N/A	80030A	80652A
2.3 CL	98-99	B6VA	80325E	A80962 (Qty 2)	80030C	N.L.
2.5 TL	95-98	M1WA	N/A	N/A	80030A	70652C
3.0 CL (97 Filter 80010B)	96-99	M7ZA	80325CA	A80962 & A80962B	80030C	N.L.
3.2 TL	96-98	M5HA	N/A	N/A	70030B	N.L.
3.2 TL	1999	B7VA	80325CA	A80962A (Qty 2)	80030C	N.L.
3.5 RL	96-04	M5DA	N/A	N/A	70030B	70652B, 70658B
INTEGRA	1990	RO	70325A	N/A	60030A	60658C
INTEGRA	91-93	MPRA	70325A	N/A	90030A	60658C
INTEGRA	94-95	MP7A, SP7A	90325C	N/A	60030A	90652D
INTEGRA	96-99	S4XA	90325C	N/A	90030A	90652D
INTEGRA	00-01	SKWA	90325C	N/A	90030A	N.L.
LEGEND	91-95	MPYA	N/A	N/A	70030A	70652B, 70658B
NSX	91-05	MR9A	N/A	N/A	80030C	190652
VIGOR	92-94	MPWA	N/A	N/A	80030C	70652C
HONDA						
ACCORD	1990	PX4B	80325BA	N/A	80030A	80652A
ACCORD (USA Built)	1991	APX4	80325BA	N/A	80030A	80652A
ACCORD (Japan Built)	1991	MPXA	80325BB	N/A	80030A	80652A
ACCORD (Wagon)	1991	APXA	80325BA	N/A	80030A	80652A
ACCORD (USA Built)	1992	APX4	80325BA	N/A	80030A	80652A
ACCORD (Japan Built)	1992	MPWA	80325BB	N/A	80030A	80652A
ACCORD	1993	MPXA	80325BB	N/A	80030A	80652A
ACCORD (4 Cyl.)	94-97	MPOA,AOYA,BOYA	80325BB	N/A	80030A	80652A
ACCORD (V6)	95-97	MPZA	N/A	N/A	80030C	80652A
ACCORD (4 Cyl.) (USA Built)	98-02	BAXA	80325E	A80962 (Qty 2)	80030C	N.L.
ACCORD (4 Cyl.) (Japan Built)	98-02	MAXA	80325E	A80962 (Qty 2)	80030C	N.L.
ACCORD (V6)	98-02	B7XA	80325CA	A80962 & A80962B	80030C	N.L.
CIVIC (Awd)	89-90	S5, MPSA	N/A	N/A	90030A	60658C
CIVIC	92-95	A24A, A2YA	90325C	N/A	90030A	90652D
CIVIC (Exc. HX)	1996	A4RA	90325C	N/A	60030A	90652D
CIVIC (Exc. HX)	97-98	B4RA,B46A,M4RA	90325C	N/A	90030A	90652D
CIVIC (Exc. HX)	99-00	BDRA,S4RA	90325C	N/A	90030A	90652D
CIVIC (Exc. GX, HX)	01-05	BMXA,SLXA	90325H	N/A	60030A	90652D
CR-V (Fwd)	98-01	MDLA	90325C	N/A	90030A	90652D
CR-V (Awd)	97-01	M4TA, MDMA	90325C	N/A	90030A	90652D
CR-V (Fwd)	02-04	MCVA	30325B	A30962 (Qty 2)	90030A	90652D
CR-V (Awd) (Add 90001 also)	02-04	MRVA	30325B	A30962 (Qty 2)	90030A	90652D
DEL SOL	93-97	M24A, S24A	90325C	N/A	90030A	
ELEMENT (2wd & 4wd)	03-04	BZKA, MZKA	30325B	A30962 (Qty 2)	90030A	N.L.
ELEMENT (2wd & 4wd)	05-06	BZKA, MZKA	30325B	A30962 (Qty 2)	90030A	N.L.
ODYSSEY	95-97	MPJA	80325BB	N/A	80030A	80652A
ODYSSEY	1998	MDWA	80325E	A80962 (Qty 2)	N/A	N.L.
ODYSSEY	99-01	B7YA,B7TA	80325CA	A80962A (Qty 2)	30030A	N.L.
PRELUDE S	92-96	MP1A, MP1B	80325BB	N/A	80030A	80652A
PRELUDE SI	92-96	MP1A, MP1B	80325BB	N/A	80030A	80652A
PRELUDE	97-01	M6HA	80325E	N/A	80030C	N.L.

4 SPEED 3 SHAFT

VALVE BODY
GUIDE



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4 SPEED 3 SHAFT

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
	See Honda 4 Speed Quick Reference Guide				
	LESS STEEL KITS				
	See Honda 4 Speed Quick Reference Guide				
	OVERHAUL KITS (W/ RINGS & SEALS)				
	See Honda 4 Speed Quick Reference Guide				
	SUB KITS				
001	Sub Kit, Honda CR-V, Element Transfer Case	1	97-Up	90001	N.L.
	FILTER KITS				
011	M1WA, MPWA Vigor, MP7A, S4XA, SKWA, SP7A	1	94-01	70011C	N.L.
011	MPYA, M5DA, M5HA	1	91-01	70011B	N.L.
015	Screen, Valve Body (Various) (.670" Round x .325")	AR	88-Up	80015	27750PL5J01
	BUSHINGS				
	See Honda 4 Speed Quick Reference Guide				
	METAL CLAD SEALS				
	See Honda 4 Speed Quick Reference Guide for Converter & Axle Seals				
072	Manual Shaft (12 x 22 x 7mm)	1	89-Up	60072	31375-31X01
073	Throttle Shaft (9 x 18 x 17mm)	1	89-Up	60072A	91201PA9003
077	Secondary Shaft, Front (50 x 70 x 11mm) (M1WA & Vigor MPWA)	1	91-Up	70076C	91206PW5015
077	Secondary Shaft, Front (55 x 75 x 11mm) (MPYA, M5DA, M5HA) (Legend)	1	91-Up	70076B	91201PY5005
077E	Secondary Shaft, Rear (40 x 56 x 9mm) (M1WA & Vigor MPWA)	1	91-Up	60077H	91206PG2005
077	Secondary Shaft, Rear (45 x 61 x 8mm) (MPYA, M5DA, M5HA) (Legend)	1	91-Up	70077B	91205PY5005
077E	Transfer Gear Input (CR-V)	1	97-04	60077H	91206PG2005
	FRICTION PLATES (Sorted by Size)				
100A	99mm (38T) (.079") (Segmented) (Green)	3	92-01	90108A	22544P25500
100A	110mm (38T) (.076") (Non-Segmented) (Tan)	12	89-96	60100B	22544P24A01
100A	110mm (38T) (.077") (Segmented) (Tan)	12	01-05	90100	145-11D21-00
100A	116mm (38T) (.076") (Segmented) (Green)	3	96-01	70104DA	22544P56N01
100A	116mm (38T) (.076") (Segmented) (Tan)	9	96-01	70104D	22544PDM003
100A	116mm (41T) (.076") (Segmented) (Green)	3-7	92-95	70108D	22545PR0850
100A	116mm (41T) (.076") (Segmented) (Tan)	12	90-93	60100C	22544PF4010
100A	116mm (41T) (.076") (Segmented) (Tan)	12	92-98	70104	22545PIV003
100A	116mm (42T) (.076") (Segmented) (Green)	3	95-97	80114CA	22674P0Z003
100A	116mm (42T) (.076") (Segmented) (Tan)	10	02-04	30104A	145-11F29-00
100A	120mm (42T) (.076") (Segmented) (Tan)	6-20	95-02	80100AB	22544P0X003
100A	116mm (42T) (.076") (Segmented) (Tan)	10-11	98-02	80114E	22545P6H033
100A	116mm (44T) (.076") (Segmented) (Green)	3	95-97	80114CA	22674P0Z003
100A	116mm (44T) (.076") (Segmented) (Green)	11	98-02	80114G	22544P6H003
100A	116mm (44T) (.076") (Segmented) (Tan)	10	02-04	30104A	145-11F29-00
100A	120mm (44T) (.076") (Segmented) (Tan)	6-20	95-02	80100AB	22544P0X003
100A	116mm (44T) (.076") (Segmented) (Tan)	10-11	98-02	80114E	22545P6H033
100A	120mm (42T) (.076") (Segmented) (Green)	15-16	90-97	80100A	22544PX4003
100A	120mm (44T) (.076") (Segmented) (Green)	15-16	90-97	80100A	22544PX4003
100A	122mm (42T) (.076") (Segmented) (Tan)	6-12	91-06	80104	22545P7T003
100A	122mm (44T) (.076") (Segmented) (Tan)	6-12	91-06	80104	22545P7T003
100A	125mm (42T) (.076") (Segmented) (Tan)	8	99-01	80106	22644P7T003
100A	125mm (44T) (.076") (Segmented) (Tan)	8	99-01	80106	22644P7T003
100A	125mm (45T) (.076") (Segmented) (Green)	12	91-04	70108BA	22544P5D003
100A	125mm (45T) (.076") (Segmented) (Tan)	4	91-04	70104B	22344P5D003
100A	125mm (45T) (.091") (Segmented) (Tan)	8	91-04	70106B	22644P5D003
100A	132mm (49T) (.077") (Segmented) (Green)	4	95-97	30113A	22545POX003
	STEEL PLATES (Sorted by Size)				
120A	99mm (18T) (.063")	3	92-01	90128B	22543PS5013
120A	99mm (18T) (.079")	3	92-97	90128A	22543PS5003
120A	110mm (8T) (.063")	3	89-97	60120BB	22543PH0850
120A	110mm (8T) (.070")	3	89-90	60120BA	N.L.
120A	110mm (8T) (.080")	9	89-97	60120B	22543PC9000
120A	110mm (18T) (.063")	3	96-05	90120A	22543P4R003
120A	110mm (18T) (.079")	9	96-05	90120	22643P4R003
120A	116mm (6T) (.079")	3	95-97	80133C	22683P0Z003

4 SPEED 3 SHAFT

ILL.		QTY.	YEAR	PART No.	REF. No.
STEEL PLATES (Sorted by Size) (Cont.)					
120A	116mm (10T) (.063")	3	96-01	70128D	22543P4X000
120A	116mm (10T) (.079")	9	94-01	70120D	22543P56N00
120A	116mm (10T) (.080")	3-12	90-98	60120C	22543PF4000
120A	116mm (24T) (.063")	6	97-01	80124E	22543P6H003
120A	116mm (24T) (.079") (3.220" ID)	3	91-93	70120AB	22643PR0003
120A	116mm (24T) (.079") (3.660" ID)	8	98-02	80134E	22523P6H003
120A	116mm (24T) (.091") (3.440" ID)	8	92-98	70120CA	22653PX3801
120A	116mm (24T) (.091") (3.660" ID)	5	98-02	80124EA	22543P6H901
120A	116mm (24T) (.118")	3	91-93	70120AA	22644PR0003
120A	118.75mm (24T) (.063")	3-5	90-06	80133D	22543POX003
120A	120mm (24T) (.070") Selective	AR	90-97	80128B	N.L.
120A	118.75mm (24T) (.079")	5-16	90-06	80128A	22543PX4003
120A	120mm (24T) (.091")	3-6	90-02	80120A	22653PX4003
120A	120mm (24T) (.102")	3	90-02	80124	22644PX4013
120A	123mm (20T) (.079")	12	99-01	80124F	22543P7T003
120A	123mm (20T) (.091") (3.689" ID)	6	02-06	30123B	22653PPVA01
120A	128mm (20T) (.079") (3.680" ID)	4	99-01	80120C	22653P7T003
120A	125mm (20T) (.079") (3.750" ID)	16-20	91-04	70128B	22543PY4003
120A	128mm (20T) (.091")	4	99-01	80126	22656P7T003
120A	125mm (20T) (.102")	8	91-04	70120B	22643PY4003
120A	132mm (18T) (.079")	4	95-97	80134C	22543P0Z003
VALVE BODY RECALIBRATION KITS					
165	Valve Body Kit, 4 Cylinder (.323" CPC Valve) (Translab)	1	97-05	A90165	STL-HO4-323
165	Valve Body Kit, 4 Cylinder (.365" CPC Valve) (Translab)	1	98-04	A80165	STL-HO4-365
165	Valve Body Kit, 6 Cylinder (.388" CPC Valve) (Translab)	1	98-04	A80165A	STL-HO4-388
165	Valve Body Kit, Multiple Applications (Translab)	1	Mult.	A30165B	STL-HO5-4CYL
168	Lube Kit®, Honda 98-04 Odyssey, Acura 3.2TL (Transgo®)	1	98-04	T80168	HONDA-LK
BEARINGS & RACES					
289E	Diff. Brg & Race - Bell (B7XA 99-02)	1	Mult.	80289DK	91121P7VJ02
289E	Diff. Brg & Race - Bell (BYBA 03-04, BAYA, BDGA 04-06)	1	Mult.	80289HK	91121PYB003
289E	Diff. Brg & Race - Bell (A6VA, AOYA, APXA, B6VA 97-98, BOYA, MP1A, MPOA)	1	Mult.	80289CK	91122PK4013
289E	Diff. Brg & Race - Bell (B6VA, B7ZA, BCLA 03-04, M7ZA, MAXA, MRMA)	1	Mult.	80289AK	91121P6H013
289E	Diff. Brg & Race - Bell (B7XA to 98, BAXA)	1	Mult.	80289K	91122P6H013
289E	Diff. Brg & Race - Bell (B7TA, B7VA, B7WA, BGFA, BGHA, M7WA, 02 BYBA)	1	Mult.	80289JK	91121P7T305
289E	Diff. Brg & Race - Case (A6VA, AOYA, APXA, B6VA, BOYA, MP1A, MPOA)	1	Mult.	80289BK	91006PG4003
289E	Diff. Brg & Race - Case (B6VA, B7ZA, M7ZA, MAXA, MRMA)	1	Mult.	80289K	91122P6H013
289E	Diff. Brg & Race - Case (B7XA 99-02)	1	Mult.	80289EK	91122P7VJ02
289E	Diff. Brg & Race - Case (B7XA Up to 98, MCLA 03-04, BAXA)	1	Mult.	80289AK	91121P6H013
289E	Diff. Brg & Race - Case (BAYA, BYBA 03-04, BDGA 04-05, BVGA 04))	1	Mult.	80289LK	91122PYB003
289E	Diff. Brg & Race - Case (BCLA 03-04)	1	Mult.	80289GK	91122PRP003
289E	Diff. Brg & Race - Case (BCLA 05-Up)	1	Mult.	80289NK	91122RFK013
289E	Diff. Brg & Race - Case (BDGA 06, BVGA 04)	1	Mult.	80289MK	91122RDK003
289E	Diff. Brg & Race - Case (B7TA, B7VA, B7WA, BGFA, BGHA, M7WA, 02 BYBA)	1	Mult.	80289FK	91124PGH305
289E	Diff. Brg & Race - Case (MCLA 05-06)	1	Mult.	80289PK	91121RFK013
GASKETS & O-RINGS					
300	Gasket, Bottom Pan (2.5TL, Vigor MPWA, M1WA)	1	92-98	70300CF	21813PW7000
300	Gasket, Bottom Pan (Legend MPYA)	1	91-95	70300B	21813PY4000
300	Gasket, Bottom Pan (3.2TL, 3.5RL, M5DA, M5HA)	1	96-01	70300DF	21813P5H003
381I	O-Ring, Converter Hub (32.0mm ID)	1	89-05	60381D	91302639000
381I	O-Ring, Converter Hub (35.5mm ID)	1	89-05	30381	N.L.
TECHNICAL MANUALS					
400L	Tech Manual (BAXA, MAXA, M6HA)	1	97-02	80400C	M6HA/BAXA
400L	Tech Manual (MPWA Vigor, M1WA 2.5TL)	1	92-98	70400C	ACURA-VIGOR
400L	Tech Manual (MPYA) (CD Only)	1	91-05	70400B	83-LEG91TM
400L	Tech Manual (PX4B, APX4, MPWA Accord, MP1A Prelude) (CD Only)	1	90-92	80400	83-HDA3SFT
400L	Tech Manual (RO, MPRA)	1	90-93	70400A	83-INT1989TM
400L	Tech Manual (S5, MPSA, P24, A2Y2) (CD Only)	1	89-91	90400A	CIVIC 3 SHFT
MISCELLANEOUS COMPONENTS					
550H	Drum, 3-4 (B7TA) (20T Steels, 5.400" OD)	1	99-04	30550B	N.L.
550H	Drum, 3-4 (B7TA) (24T Steels, 5.150" OD, Non Stepped)	1	99-01	80550C	N.L.
550H	Drum, 3-4 (B7VA) (20T Steels, 5.400" OD)	1	99-04	30550B	N.L.
550H	Drum, 3-4 (B7XA, B7ZA) (24T Steels, 5.150" OD, Stepped)	1	98-02	80550B	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
550H	Drum, 3-4 (BAXA, B6VA, MAXA, M6HA) (2.550" Tall)	1	97-02	80550A	N.L.
550H	Drum, 3-4 (MPZA) (2.760" Tall)	1	95-97	80550	N.L.
552I	Drum, 1-2 (B7TA, B7VA) (5.380" OD)	1	99-01	80552A	N.L.
552I	Drum, 1-2 (B7XA, B7ZA) (5.160" OD)	1	98-02	80552	N.L.
554F	Drum, Forward (1st Hold) (B7TA, B7VA) (5.380" OD)	1	99-01	80554C	N.L.
554F	Drum, Forward (1st Hold) (B7XA, B7ZA) (5.160" OD)	1	98-02	80554B	N.L.
672A	Main Shaft Assembly (B7TA, B7XA, B7ZA, BYBA)	1	99-04	80672BK	N.L.
672A	Main Shaft Assembly (BAXA, MAXA, B6HA, B6VA)	1	97-02	80672K	N.L.
672A	Main Shaft Assembly (M6HA)	1	92-01	80672AK	N.L.
675C	Secondary Shaft Assembly (B7TA) (27T/42T) (.225" Thick Flange, Cast P7T)	1	99-01	80675CK	N.L.
675C	Secondary Shaft Assembly (B7VA) (30T/42T) (.225" Thick Flange, Cast P7T)	1	99-01	80675CAK	N.L.
675C	Secondary Shaft Assembly (B7XA) (Cast PY4)	1	98-02	80675BAK	N.L.
675C	Secondary Shaft Assembly (B7XA, B7ZA) (.580" Thick Flange, Cast P7T)	1	98-02	80675BK	N.L.
675C	Secondary Shaft Assembly (BAXA, MAXA, B6VA)	1	98-02	80675K	N.L.
675C	Secondary Shaft Assembly (M6HA)	1	92-01	80675AK	N.L.
676F	Counter Shaft Assembly (B7TA) (17T)	1	99-01	80676DK	N.L.
676F	Counter Shaft Assembly (B7VA, B7XA, B7ZA) (15T, 12 7/16" Long)	1	95-02	80676CK	N.L.
676F	Counter Shaft Assembly (BAXA, MAXA, B6VA) (15T, 11 1/2" Long)	1	98-02	80676K	N.L.
676F	Counter Shaft Assembly (M6HA) (14T, 11 1/2" Long)	1	92-01	80676AK	N.L.
676F	Counter Shaft Assembly (MPZA) (15T, 12 1/4" Long)	1	95-97	80676BK	N.L.
740	Valve Body (B7TA, B7VA) (Cast P7T)	1	99-01	80740C	N.L.
740	Valve Body (BAXA, MAXA, B6VA) (Cast P6H)	1	98-02	80740	N.L.
740	Valve Body (BYZA, B7XA) (Cast P7Z)	1	99-04	80740B	N.L.
740	Valve Body (M6HA)	1	92-01	80740A	N.L.
759J	Cover, Rear Case (B7TA, B7VA)	1	99-01	80759	N.L.
760J	Case (B7TA, B7YA)	1	99-01	80760B	N.L.
760J	Case (BAXA, MAXA)	1	98-02	80760	N.L.
760J	Case (M6HA)	1	92-01	80760A	N.L.
795B	Nuts, Main Shaft (18mm Left Hand) 12 Point Hex	1	83-Up	60795A	90202PG4020
795B	Nuts, Main Shaft (18mm Right Hand) 12 Point Hex	1	89-Up	60796C	N.L.
795B	Nuts, Main Shaft (20mm Left Hand) 12 Point Hex	1	96-Up	80795D	90201P4P000
795B	Nuts, Main Shaft (23mm Left Hand) 6 Point Hex	1	90-97	80795	90201PX4010
795B	Nuts, Main Shaft (23mm Left Hand) 6 Point Hex	1	98-Up	80796D	90203P0Z000
796D	Nuts, Secondary Shaft (22mm Left Hand) 6 Point Hex	1	96-Up	80796B	90202P56000
796D	Nuts, Secondary Shaft (23mm Right Hand) 6 Point Hex	1	90-97	80796	90203PX4010
796D	Nuts, Secondary Shaft (23mm Right Hand) 6 Point Hex	1	98-Up	80795C	90201P0Z000
796G	Nuts, Counter Shaft (18mm Left Hand) 6 Point Hex	1	83-Up	60795C	N.L.
796G	Nuts, Counter Shaft (19mm Right Hand) 6 Point Hex	1	83-Up	60796A	90201689900
796G	Nuts, Counter Shaft (22mm Left Hand) 6 Point Hex	1	96-Up	80796B	90202P56000
796G	Nuts, Counter Shaft (22mm Right Hand) 6 Point Hex	1	83-Up	80796A	N.L.
796G	Nuts, Counter Shaft (23mm Right Hand) 6 Point Hex	1	98-Up	80795C	90201P0Z000
796G	Nuts, Counter Shaft (23mm Right Hand) 6 Point Hex	1	90-97	80796	90203PX4010
830	Selector, Rev Countershaft (26T, 2.43.5" OD Groove) (Accord 90-02) (Odyssey 95-98, Prelude 92-97, 2.2CL 1997, 2.3CL 98-99)	1	90-02	80830	23565PX4700
850H	Cushion Spring (Waved to Replace Dished) (120mm)	4	90-Up	80850A	N.L.
850H	Cushion Spring (Waved to Replace Dished) (116mm)	4	85-Up	60850C	N.L.
840L	Rev Selector Fork (Accord 4 Cyl 90-97, Prelude 92-96, Odyssey 95-97, 2.2CL)	1	90-97	80840	24111PX4000
873	Snap Ring, 3-4 Retainer (B7TA, B7VA, B7XA, B7ZA)	1	99-Up	30873	90603PL4000
962I	Piston, Low & 2nd Clutch (Accord, 2.3CL)	1-2	98-Up	80962	22533PAX003
962I	Piston, 2nd Clutch (V6 Accord) (B7TA, B7VA)	1	98-02	80962B	22533P7X023
962I	Piston, Low & 2nd Clutch (Odyssey, 3.2TL)	1-2	99-Up	80962A	22533 P7T 003
962I	Piston, 1st, 2nd, 3rd Clutch (Odyssey, 3.2TL)	1-2	99-Up	30962	22533PRP003
967I	Piston, 1st Clutch (Accord 03-Up, RSX 02-Up)	1	02-Up	80967B	22521P7T003
N.I.	Bushing, Main/Pinion/Secondary Shaft (.412" OD)	3	90-Up	60052A	N.L.
N.I.	Bushing, Main/Pinion Shaft (.395" OD) Small Tube Bushing	2	91-Up	60052B	N.L.
N.I.	Bushing, Main/Pinion Shaft (.535" OD) Large Tube Bushing	2	91-Up	60052C	N.L.
Tool	Tool, Bushing Remover & Installer	1	91-Up	T-28999	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	End Plug Kit, Valve Body (Incl 12mm, 14mm, 15mm End Plugs)	N.I.	7	S80741-6K	98892-01K
Vol 9	End Plug, Valve Body (12mm)	N.I.	N.I.	S80741-6	98892-01
Vol 9	End Plug, Valve Body (14mm)	N.I.	N.I.	80741-6A	98892-02
Vol 9	End Plug, Valve Body (15mm)	N.I.	N.I.	S80741-6B	98892-03
Vol 9	Valve, CPC (Oversized) w/ End Plug (Various Models) (Req. T-F-98892-TL23)	N.I.	6	S80741S-1	98892-23K
Vol 9	Valve, Lock-Up Control (O.S.) w/ End Plug (Various) (Req. T-F-98892-TL17)	N.I.	3	S80741Q-1	98892-17K
Vol 9	Valve, L-Up Timing (O.S.) 2 Large Spools .471" (Various) (Req T-F-98892-TL22)	N.I.	4	S80741H-1A	98892-24K
Vol 9	Valve, L-Up Timing (O.S.) 3 Large Spools .471" (Various) (Req T-F-98892-TL22)	N.I.	4	S80741H-1	98892-22K

4 SPEED 3 SHAFT

ILL.		QTY.	YEAR	PART No.	REF. No.
VOL.	SONNAX PRODUCTS (Cont.)	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Valve, Pressure Regulator (Various Models)	N.I.	1	S80741P-1	98892-04K
Vol 9	Valve, Pressure Reg (Various) (O.S.) (Various) (Req. T-F-98892-TL13)	N.I.	1	S80741P-1A	98892-13K
Vol 9	Valve, TCC Check Valve (Various Models)	N.I.	2	S80741C-1	98892-06K
Vol 9	Valve, TCC Check Valve (Various Models)	N.I.	2	S80741C-1A	98892-10K
Vol 9	Spring, CPC Valve (Civic A4RA, B4RA, M4RA)	N.I.	N.I.	S90741-3	88894
Vol 9	Tool, Solenoid Adjustment Tool (BAXA, M6HA)	N.I.	N.I.	T-88950-T	88950-T

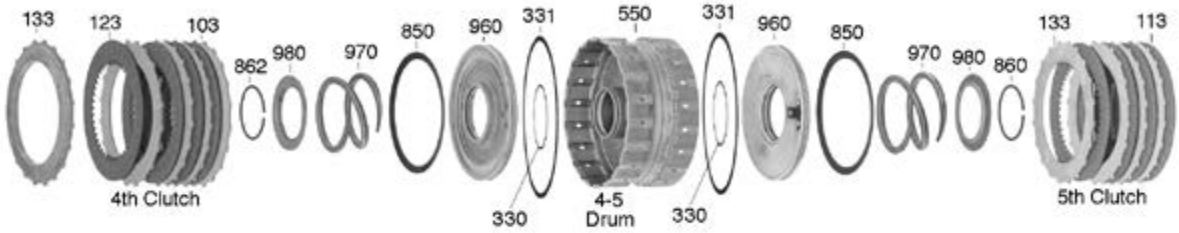
Notes

Notes

A



B

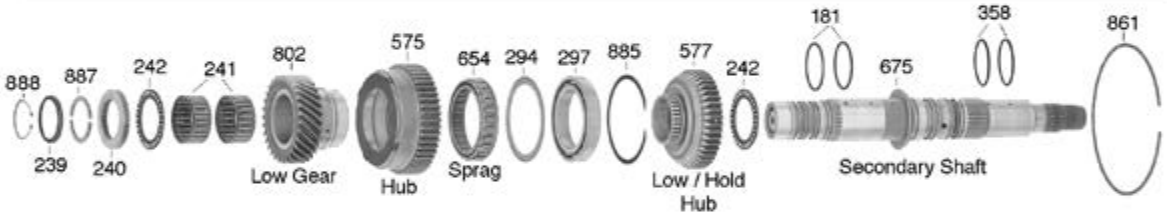


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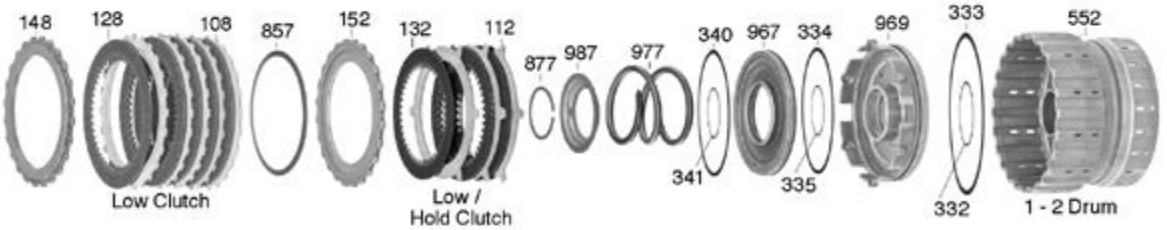


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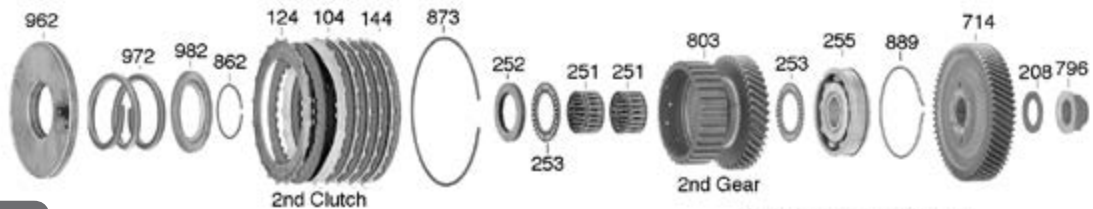
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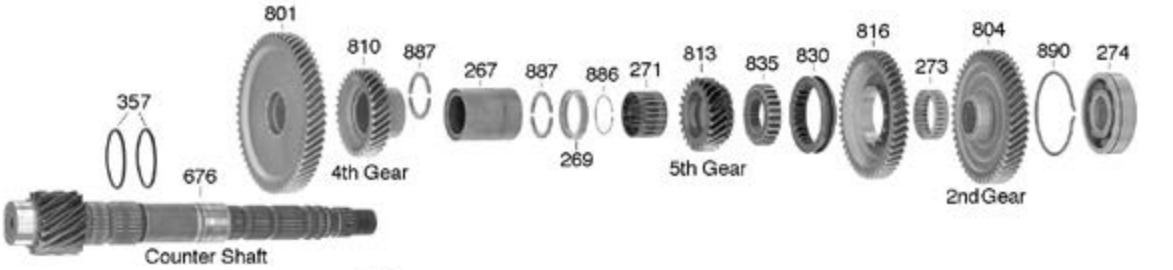


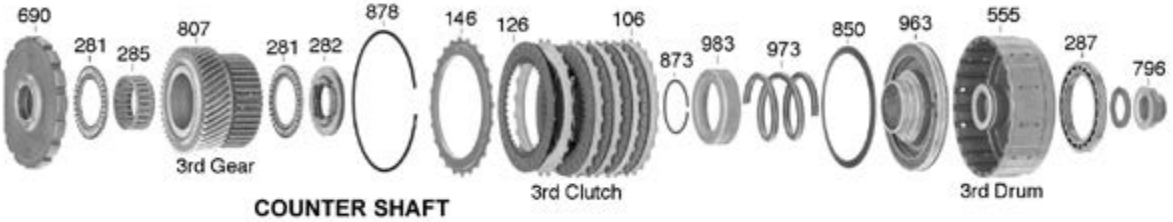
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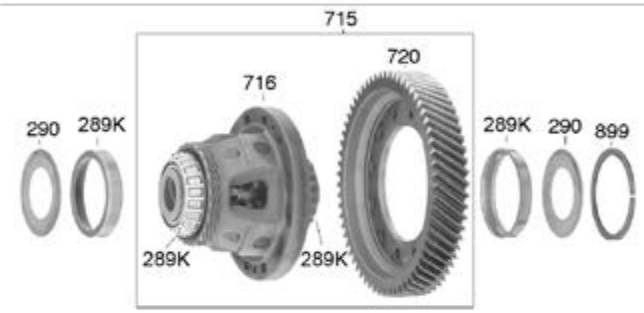
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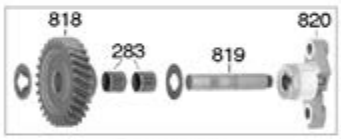
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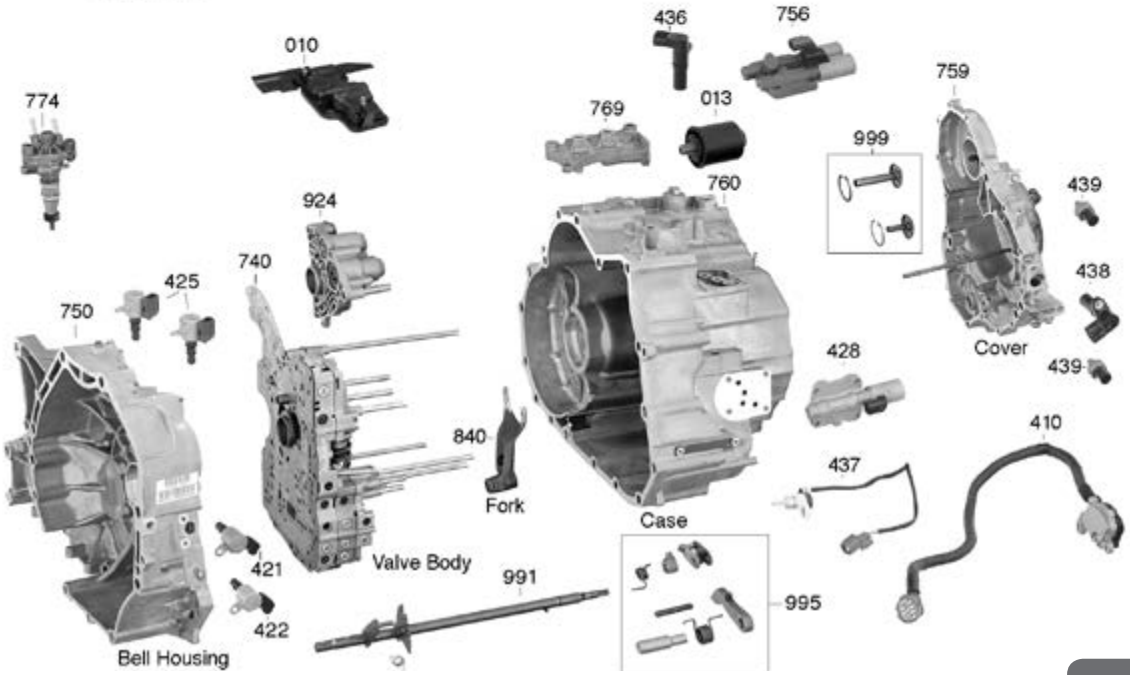


COUNTER SHAFT





Reverse Idle



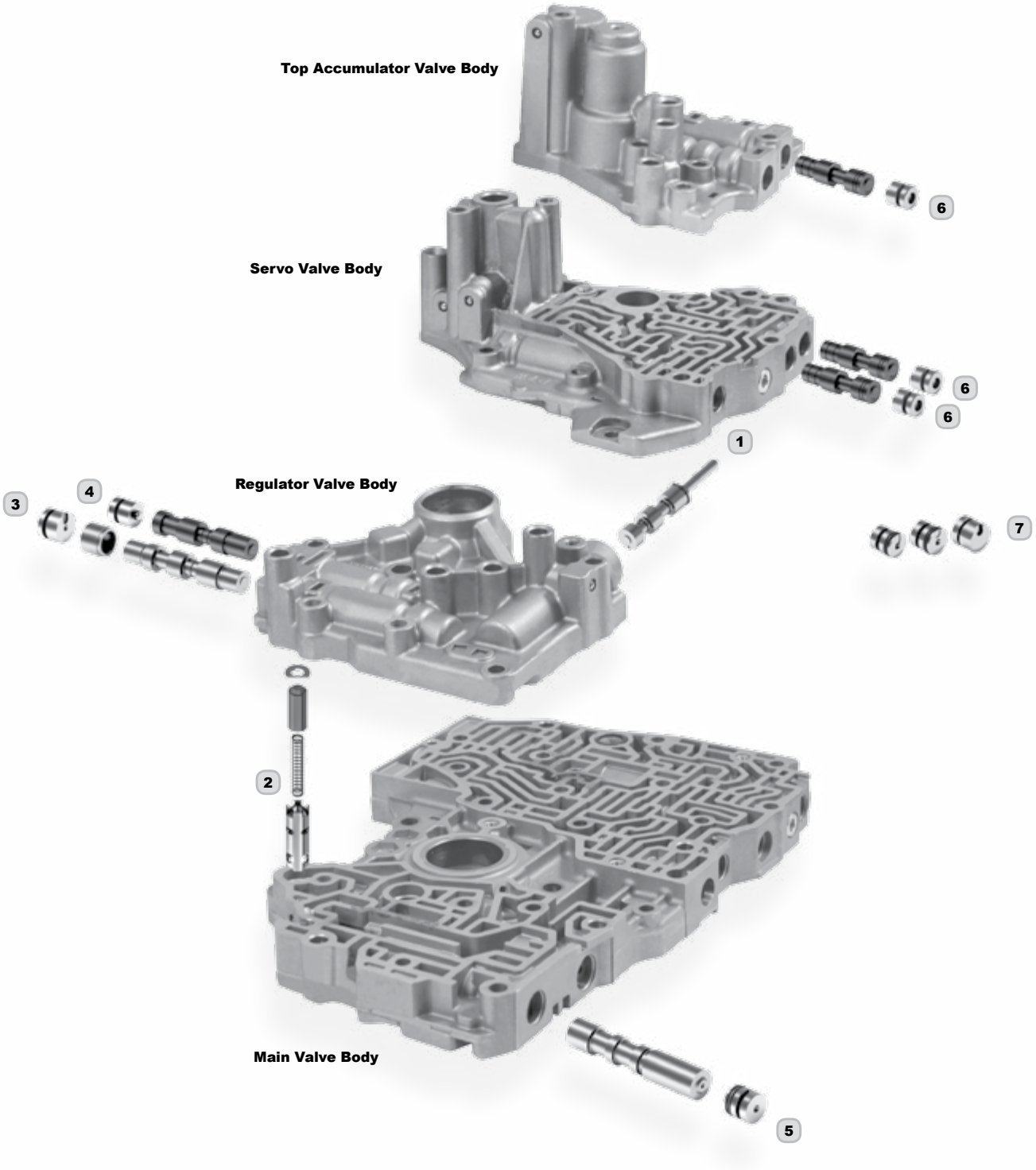
5 SPEED GUIDE

Model	Years	Trans	With Steels	Less Steels	Overhaul	Filter
Acura						
3.2 CL	01-03	BGFA, MGFA	30006	30004	30002	30010
3.2 TL	00-03	B7WA, M7WA	30006	30004	30002	30010
MDX	01-02	BGHA, MGHA	30006A	30004A	30002A	30010A
MDX	03-06	BDKA, MDKA	30006C	30004C	30002C	30010C
MDX	07-09	BYFA	30006J	30004J	30002J	30010H
RDX (AWD)	07-11	BWEA	30006CB	30004CB	30002C	30010H
RDX (AWD)	10-11	BT3A	30006JA	30004JA	30002J	30010H
RL	05-08	MJBA	30006GA	30004G	30002C	30010G
RL	09-10	MJBA	30006CE	30004CE	30002C	30010H
RSX	02-06	MRMA	30006BC	30004BC	30002B	30010B
TL	04-06	BDGA	30006D	30004D	30002	30010
TL	07-08	BDGA	30006H	30004H	30002G	30010J
TL (Type S)	07-08	BDGA, BDHA	30006H	30004H	30002G	30010J
TL	09-11	BK3A	30006HA	30004HA	30002G	30010J
TL SH-AWD	09-14	BK4A	30006JC	30004JC	30002J	30010J
TSX	2004	MCTA	30006BD	30004BD	30002B	30010B
TSX	2005	MCTA	30006BE	30004BE	30002B	30010B
TSX	06-08	MCTA	30006BG	30004BG	30002B	30010B
TSX (4 CYL)	09-14	MM7A	30006HB	30004HB	30002H	30010L
TSX (V6)	10-11	MM2A	30006HD	30004HD	30002G	30010J
HONDA						
Accord (4 CYL)	03-04	BCLA, MCLA	30006BA	30004B	30002B	30010B
Accord (4 CYL)	05-06	BCLA, MCLA	30006BB	30004B	30002B	30010B
Accord (4 CYL)	07	BCLA, MCLA	30006BC	30004BC	30002B	30010B
Accord (4 CYL)	08-12	B90A, M91A	30006HB	30004HB	30002H	30010L
Accord (V6)	03-04	BAYA, MAYA	30006	30004	30002	30010
Accord (V6)	2005	BAYA, MAYA	30006D	30004D	30002	30010
Accord (V6)	06-07	BAYA, MAYA	30006DA	30004DA	30002	30010
Accord (V6)	08-09	B97A	30006H	30004H	30002G	30010J
Accord (V6)	10-12	B97A	30006HA	30004HA	30002G	30010J
Accord Hybrid	05-07	MURA	30006L	30004L	30002L	30010L
Civic (DX/EX/LX/GX)	06-13	SPCA, MPCA	30006E	30004E	30002E	30010E
CR-V (FWD)	05-06	GPLA, MKYA	30006BB	30004B	30002B	30010B
CR-V (AWD)	05-06	GPPA, MKZA	30006BB	30004BB	30002B	30010B
CR-V (FWD)	07-10	BZJA, MZJA	30006BD	30004BD	30002B	30010L
CR-V (AWD)	07-10	BZHA, MZHA	30006BD	30004BD	30002B	30010L
Element (FWD)	07-11	BZKA, MNZA	30006BE	30004BE	30002B	30010L
Element (AWD)	07-11	BZNA, MZKA	30006BE	30004BE	30002B	30010L
Fit	07-08	SMMA	30006EA	30004EA	30002E	30010E
Fit	09-10	SP5A, MP5A	30006EA	30004EA	30002E	30010E
Odyssey	02-04	BYBA	30006A	30004A	30002A	30010
Odyssey	05-06	BGRA, PGRA	30006AA	30004A	30002A	30010A
Odyssey	07-08	P36A, B36A	30006H	30004H	30002G	30010J
Odyssey	09-13	P36A, B36A	30006HA	30004HA	30002G	30010J
Pilot (AWD)	03-04	BVGA, PVGA	30006A	30004A	30002A	30010A
Pilot (AWD)	2005	BVGA, PVGA	30006AA	30004A	30002A	30010A
Pilot (AWD)	06-08	BVGA, PVGA	30006GA	30004G	30002C	30010D
Pilot (FWD)	06-07	BVLA, PVLA	30006CA	30004CA	30002C	30010D
Pilot (AWD)	2008	P34A	30006CC	30004CC	30002C	30010D
Pilot (FWD)	2008	P35A	30006CD	30004CD	30002C	30010D
Pilot (AWD)	09-12	PN3A	30006HC	30004HC	30002G	30010JA
Pilot (FWD)	09-10	PN4A	30006H	30004H	30002G	30010J
Pilot (FWD)	11-13	PN4A	30006HA	30004HA	30002G	30010JA
Ridgeline	06-08	BJFA, MJFA	30006GB	30004G	30002C	30010C
Ridgeline	09-13	PSFA	30006JB	30004JB	30002J	30010JA
Saturn Vue	04-07	MDPA, MDRA	30006C	30004C	30002C	30010C

5 SPEED GUIDE

Model	Years	Trans	Cooler Return Filter	Front Seal	Left Seal	Right Seal
Acura						
3.2 CL	01-03	BGFA, MGFA	30013	60070H	60077H	80076C
3.2 TL	00-03	B7WA, M7WA	30013	60070H	60077H	80076C
MDX	01-02	BGHA, MGHA	30013	60070H	60077H	80076C
MDX	03-06	BDKA, MDKA	40013	70070B	60077H	80076C
MDX	07-09	BYFA	40013	70070B	60077H	80076C
RDX (AWD)	07-11	BWEA	40013	70070B	60077H	80076C
RDX (AWD)	10-11	BT3A	40013	70070B	60077H	80076C
RL	05-08	MJBA	40013	70070B	60077H	80076C
RL	09-10	MJBA	40013	70070B	60077H	80076C
RSX	02-06	MRMA	M010SB	60070H	60077H	30076
TL	04-06	BDGA	30013A	60070H	60077H	80076C
TL	07-08	BDGA	40013	70070B	60077H	80076C
TL (Type S)	07-08	BDGA, BDHA	40013	70070B	60077H	80076C
TL	09-11	BK3A	40013	70070B	60077H	80076C
TL SH-AWD	09-14	BK4A	40013	70070B	60077H	80076C
TSX	2004	MCTA	M010SB	60070H	60077H	30076
TSX	2005	MCTA	M010SB	60070H	60077H	30076
TSX	06-08	MCTA	M010SB	60070H	60077H	30076
TSX (4 CYL)	09-14	MM7A	M010SB	60070H	60077H	30076
TSX (V6)	10-11	MM2A	40013	70070B	60077H	80076C
HONDA						
Accord (4 CYL)	03-04	BCLA, MCLA	M010SB	60070H	60077H	30076A
Accord (4 CYL)	05-06	BCLA, MCLA	M010SB	60070H	60077H	30076A
Accord (4 CYL)	07	BCLA, MCLA	M010SB	60070H	60077H	30076A
Accord (4 CYL)	08-12	B90A, M91A	M010SB	60070H	60077H	30076
Accord (V6)	03-04	BAYA, MAYA	30013A	60070H	60077H	80076C
Accord (V6)	2005	BAYA, MAYA	30013A	60070H	60077H	80076C
Accord (V6)	06-07	BAYA, MAYA	30013A	60070H	60077H	80076C
Accord (V6)	08-09	B97A	40013	70070B	60077H	80076C
Accord (V6)	10-12	B97A	40013	70070B	60077H	80076C
Accord Hybrid	05-07	MURA	TBD	70070B	60077H	80076C
Civic (DX/EX/LX/GX)	06-13	SPCA, MPCA	M010SB	60070H	60077C	30076
CR-V (FWD)	05-06	GPLA, MKYA	M010SB	60070H	60077H	30076
CR-V (AWD)	05-06	GPPA, MKZA	M010SB	60070H	60077H	30076
CR-V (FWD)	07-10	BZJA, MZJA	M010SB	60070H	60077H	30076
CR-V (AWD)	07-10	BZHA, MZHA	M010SB	60070H	60077H	30076
Element (FWD)	07-11	BZKA, MNZA	M010SB	60070H	60077H	30076
Element (AWD)	07-11	BZNA, MZKA	M010SB	60070H	60077H	30076
Fit	07-08	SMMA	M010SB	60070H	60077C	30076
Fit	09-10	SP5A, MP5A	M010SB	60070H	60077C	30076
Odyssey	02-04	BYBA	30013	60070H	60077H	80076C
Odyssey	05-06	BGRA, PGRA	30013A	60070H	60077H	80076C
Odyssey	07-08	P36A, B36A	40013	70070B	60077H	80076C
Odyssey	09-13	P36A, B36A	40013	70070B	60077H	80076C
Pilot (AWD)	03-04	BVGA, PVGA	30013	60070H	60077H	80076C
Pilot (AWD)	2005	BVGA, PVGA	30013A	60070H	60077H	80076C
Pilot (AWD)	06-08	BVGA, PVGA	40013	70070B	60077H	80076C
Pilot (FWD)	06-07	BVLA, PVLA	40013	70070B	60077H	80076C
Pilot (AWD)	2008	P34A	40013	70070B	60077H	80076C
Pilot (FWD)	2008	P35A	40013	70070B	60077H	80076C
Pilot (AWD)	09-12	PN3A	40013	70070B	60077H	80076C
Pilot (FWD)	09-10	PN4A	40013	70070B	60077H	80076C
Pilot (FWD)	11-13	PN4A	40013	70070B	60077H	80076C
Ridgeline	06-08	BJFA, MJFA	40013	70070B	60077H	80076C
Ridgeline	09-13	PSFA	40013	70070B	60077H	80076C
Saturn Vue	04-07	MDPA, MDRA	40013	70070B	60077H	80076C

VALVE BODY
GUIDE



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ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
	See Honda 5 Speed Quick Reference Guide				
	LESS STEEL KITS				
	See Honda 5 Speed Quick Reference Guide				
	OVERHAUL KITS (W/ RINGS & SEALS)				
	See Honda 5 Speed Quick Reference Guide				
	TRANSFER CASE SUB KIT				
001	BGHA, BDKA, MGHA, MDKA	1	01-Up	30001	N.L.
001	MJBA	1	05-Up	30001	N.L.
	FILTERS				
	See Honda 5 Speed Quick Reference Guide				
015	Screen, Valve Body (Various) (.670" Round x .325")	AR	02-Up	80015	27750PL5J01
	FRICTION PLATES				
N.I.	106mm (38T) (GPX)	6	06-Up	R30113B	22544RPC003
N.I.	106mm (38T) (OE) (Tan) (Segmented)	6	06-Up	D30113B	22544RPC003
N.I.	118.75mm (42T) (GPX)	10-15	02-Up	R30104A	22545PRP013
N.I.	118.75mm (42T) (OE) (Tan) (Segmented)	10-15	02-Up	D30104A	22545PRP013
N.I.	118.75mm (44T) (GPX)	10-15	02-Up	R30104A	22545PRP013
N.I.	118.75mm (44T) (OE) (Tan) (Segmented)	10-15	02-Up	D30104A	22545PRP013
N.I.	119.25mm (28T) (GPX)	7	03-Up	R30104B	22545RDK023
N.I.	119.25mm (28T) (OE) (Tan) (Segmented)	7	03-Up	D30104B	22545RDK023
N.I.	119.50mm (40T) (GPX)	16	06-Up	R30104D	22545RPC003
N.I.	119.50mm (40T) (OE) (Tan) (Segmented)	16	06-Up	D30104D	22545RPC003
N.I.	120mm (42T) (GPX)	5	00-Up	R30103	22644P7W013
N.I.	120mm (42T) (OE) (Tan) (Segmented)	5	00-Up	D30103	22644P7W013
N.I.	120mm (44T) (GPX)	3	00-Up	R80100AB	22544PX4701
N.I.	120mm (44T) (OE) (Green) (Segmented)	3	00-Up	D30113	22544PX4701
N.I.	123mm (44T) (GPX)	6-8	02-Up	R80104	22545P7T003
N.I.	123mm (44T) (OE) (Tan) (Segmented)	6-8	02-Up	D80104	22545P7T003
N.I.	124mm (42T) (GPX)	5	01-Up	R30103A	22644PGH013
N.I.	124mm (42T) (OE) (Tan) (Segmented)	5	01-Up	D30103A	22644PGH013
N.I.	127mm (30T) (GPX)	6	00-Up	R30104	22545PGHA02
N.I.	127mm (30T) (OE) (Tan) (Segmented)	6	00-Up	D30104	22545PGHA02
N.I.	128mm (42T) (GPX)	5	03-Up	R30103B	22644RDK003
N.I.	128mm (42T) (OE) (Tan) (Segmented)	5	03-Up	D30103B	22644RDK003
N.I.	128mm (44T) (GPX)	8-10	00-Up	R80106	22644P7T003
N.I.	128mm (44T) (OE) (Tan) (Segmented)	8-10	00-Up	D80106	22644P7T003
N.I.	130mm (44T) (GPX)	8	03-Up	R30100	22645RDK003
N.I.	130mm (44T) (OE) (Tan) (Segmented)	8	03-Up	D30100	22645RDK003
N.I.	132mm (49T) (GPX)	5	00-Up	R80108CA	22544P7W003
N.I.	132mm (49T) (OE) (Green) (Segmented)	5	00-Up	D30113A	22544P7W003
	STEEL PLATES				
N.I.	106mm (3.235" ID) (32T) (.063")	6	06-Up	30133D	22543RPC003
N.I.	118.75mm (3.677" ID) (20T) (.079")	8	02-Up	30133B	22543PRP901
N.I.	118.75mm (3.677" ID) (24T) (.063")	5-10	03-Up	80133D	22543RCL901
N.I.	118.75mm (3.677" ID) (24T) (.079")	4	02-Up	80128A	22653P7Z003
N.I.	118.75mm (3.677" ID) (24T) (.157")	1	03-Up	30124B	22643RCL801
N.I.	119.25mm (3.394" ID) (24T) (.071")	7	03-Up	30124A	22643RDK013
N.I.	119.25mm (3.693" ID) (30T) (.063")	10-11	04-Up	30133C	22543RCTA01
N.I.	119.50mm (3.382" ID) (24T) (.063")	8	06-Up	30123D	22643RPC003
N.I.	119.50mm (3.390" ID) (30T) (.063")	4	06-Up	30126	22653RPC004
N.I.	119.50mm (3.390" ID) (30T) (.079")	4	06-Up	30124D	22643RPC004
N.I.	120mm (3.465" ID) (24T) (.091")	5	00-Up	30123	22653P7W003
N.I.	120mm (3.677" ID) (6T) (.071")	3	00-Up	30133	22673P7W003
N.I.	123mm (3.677" ID) (20T) (.079")	6	2002	80124F	22543P7T003
N.I.	123mm (3.697" ID) (24T) (.079")	6-8	02-Up	30120A	22653RCLA01
N.I.	123mm (3.697" ID) (24T) (.091")	6	03-Up	30120	22653RCL003
N.I.	124mm (3.465" ID) (20T) (.091")	5	01-Up	30123A	22653PGH003
N.I.	127mm (3.752" ID) (20T. .063")	6	01-Up	30124	22643P7W003
N.I.	128mm (3.465" ID) (20T) (.079")	5	03-Up	30123C	22653RDK003
N.I.	128mm (3.677" ID) (20T) (.063")	10	05-Up	30120F	22657RGR013
N.I.	128mm (3.677" ID) (20T) (.079")	4	00-Up	80120C	22653P7T003

5 SPEED

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES (Cont.)				
N.I.	128mm (3.677" ID) (20T) (.091")	4	00-Up	80126	22656P7T003
N.I.	130mm (3.677" ID) (24T. .079")	8	03-Up	30120B	22656RDK003
N.I.	132mm (4.071" ID) (24T) (.063")	5	00-Up	30133A	22543P7W003
	VALVE BODY RECALIBRATION KITS				
165	Valve Body Kit, 6 Cylinder (.388" CPC Valve) (Translab)	1	00-08	A30165	STL-HO5-388
165	Valve Body Kit, Multiple Applications (Translab)	1	Mult.	A30165A	STL-HO5MDKA
165	Valve Body Kit, Multiple Applications (Translab)	1	Mult.	A30165B	STL-HO5-4CYL
168	Lube Kit®, Honda 98-04 Odyssey, Acura 3.2TL (Transgo®)	1	98-04	T80168	HONDA-LK
	BEARINGS & RACES				
289E	Diff. Brg & Race - Bell (B7XA 99-02)	1	Mult.	80289DK	91121P7VJ02
289E	Diff. Brg & Race - Bell (BYBA 03-04, BAYA, BDGA 04-06)	1	Mult.	80289HK	91121PYB003
289E	Diff. Brg & Race - Bell (A6VA, AOYA, APXA, B6VA 97-98, BOYA, MP1A, MPOA)	1	Mult.	80289CK	91122PK4013
289E	Diff. Brg & Race - Bell (B6VA, B7ZA, BCLA 03-04, M7ZA, MAXA, MRMA)	1	Mult.	80289AK	91121P6H013
289E	Diff. Brg & Race - Bell (B7XA to 98, BAXA)	1	Mult.	80289K	91122P6H013
289E	Diff. Brg & Race - Bell (B7TA, B7VA, B7WA, BGFA, BGHA, M7WA, 02 BYBA)	1	Mult.	80289JK	91121P7T305
289E	Diff. Brg & Race - Case (A6VA, AOYA, APXA, B6VA, BOYA, MP1A, MPOA)	1	Mult.	80289BK	91006PG4003
289E	Diff. Brg & Race - Case (B6VA, B7ZA, M7ZA, MAXA, MRMA)	1	Mult.	80289K	91122P6H013
289E	Diff. Brg & Race - Case (B7XA 99-02)	1	Mult.	80289EK	91122P7VJ02
289E	Diff. Brg & Race - Case (B7XA Up to 98, MCLA 03-04, BAXA)	1	Mult.	80289AK	91121P6H013
289E	Diff. Brg & Race - Case (BAYA, BYBA 03-04, BDGA 04-05, BVGA 04))	1	Mult.	80289LK	91122PYB003
289E	Diff. Brg & Race - Case (BCLA 03-04)	1	Mult.	80289GK	91122PRP003
289E	Diff. Brg & Race - Case (BCLA 05-Up)	1	Mult.	80289NK	91122RFK013
289E	Diff. Brg & Race - Case (BDGA 06, BVGA 04)	1	Mult.	80289MK	91122RDK003
289E	Diff. Brg & Race - Case (B7TA, B7VA, B7WA, BGFA, BGHA, M7WA, 02 BYBA)	1	Mult.	80289FK	91124PGH305
289E	Diff. Brg & Race - Case (MCLA 05-06)	1	Mult.	80289PK	91121RFK013
	GASKETS & O-RINGS				
381I	O-Ring, Converter Hub (32.0mm ID)	1	00-Up	60381D	91302639000
381I	O-Ring, Converter Hub (35.5mm ID)	1	00-Up	30381	N.L.
	MISCELLANEOUS				
400	Rebuild Procedures (ATRA)	1	00-Up	30400	ATM-HONDA5
520	Stator (Pilot BVGA)	1	03-Up	30520	N.L.
550B	Drum, 4-5 (BAYA, BYBA, BVGA, B7WA) (4.060" Tall)	1	03-07	30550B	N.L.
550B	Drum, 4-5 (MGHA, M7WA) (4.195" Tall)	1	03-07	30550C	N.L.
550B	Drum, 4-5 (BYBA, MGHA) (4.195" Tall)	1	02-04	30550C	N.L.
552E	Drum, 1-2 (4.060" Tall) (BAYA, B7WA, MGSA, M7WA)	1	03-07	30552	N.L.
552E	Drum, 1-2 (4.200" Tall) (BYBA, MGHA)	1	01-04	30552A	N.L.
555H	Drum, 3rd (BAYA, B7WA) (24T) (5.205" OD)	1	03-07	30555A	N.L.
555H	Drum, 3rd (BVGA) (20T) (5.330" OD)	1	99-Up	30555	22651PGH003
555H	Drum, 3rd (BYBA, MGHA) (20T) (5.330" OD)	1	02-04	30555B	N.L.
555H	Drum, 3rd (BYBA, MGHA) (20T) (5.330" OD)	1	99-Up	30555	22651PGH003
555H	Drum, 3rd (BYBA, MGHA) (24T) (5.205" OD)	1	03-07	30555A	N.L.
555H	Drum, 3rd (MFYA, MGSA, M7WA) (24T) (5.205" OD)	1	03-07	30555A	N.L.
575D	Hub & Sprag Kit, 2nd/Low (w/ Sprag & Outer Hub) (BAYA, BGHA, BYBA, B7WA)	1	00-Up	30575K-1	23420RAY005
575D	Hub & Sprag Kit, 2nd/Low (w/ Sprag & Outer Hub) (MDKA, MFYA)	1	00-Up	30575K-1	23420RAY005
575D	Hub & Sprag Kit, 2nd/Low (w/ Sprag & Outer Hub) (MGHA, MGSA, M7WA)	1	00-Up	30575K-1	23420RAY005
575D	Hub Assy, Second/Low (w/ Gears, Sprag, Brgs) (BAYA, BGHA, BYBA, B7WA)	1	00-Up	30575K	23420RAY005
575D	Hub Assy, 2nd/Low (Gears, Sprag, Brgs) (MDKA, MFYA, MGHA, MGSA, M7WA)	1	00-Up	30575K	23420RAY005
672A	Main Shaft Assembly (15 3/4") (BAYA, BYBA, B7WA)	1	01-03	30672K	N.L.
672A	Main Shaft Assembly (15 3/4") (MFYA, MGHA, MGSA, M7WA)	1	01-03	30672K	N.L.
675D	Secondary Shaft Assy (12") (BAYA, BYBA, B7WA)	1	01-03	30675K	N.L.
675D	Secondary Shaft Assy (12") (MFYA, MGHA, MGSA, M7WA)	1	01-03	30675K	N.L.
676G	Counter Shaft Assembly (BAYA, B7WA, MGHA, MGSA) (14T, 1 Groove)	1	97-03	30676K	N.L.
676G	Counter Shaft Assembly (BYBA) (1 Groove)	1	01-Up	30676AK	N.L.
676G	Counter Shaft Assembly (BYBA) (2 Groove)	1	01-Up	30676BK	N.L.
676G	Counter Shaft Assembly (M7WA) (14T, No Groove)	1	00-Up	30676CK	N.L.
676G	Counter Shaft Assembly (MFYA) (15T, 1 Groove)	1	00-Up	30676DK	N.L.
740I	Valve Body, Main (BAYA, BYBA, B7WA) (Cast P7W)	1	00-Up	30740	N.L.
740I	Valve Body, Main (BVGA Pilot))	1	05-Up	30740A	2700-PVG-000
740I	Valve Body, Main (MFYA, MGHA, MGSA, M7WA) (Cast P7W)	1	00-Up	30740	N.L.
750I	Bell Housing (B7WA, M7WA) (no Speedo Hole)	1	00-03	30750BB	N.L.
750I	Bell Housing (B7WA, M7WA) (w/ Speedo Hole)	1	00-03	30750B	N.L.
750I	Bell Housing (BAYA, MAYA)	1	03-05	30750C	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS (Cont.)				
750I	Bell Housing (BDGA)	1	04-06	30750F	N.L.
750I	Bell Housing (BGHA, MGHA)	1	01-02	30750D	N.L.
750I	Bell Housing (BYBA) (Odyssey)	1	02-04	30750E	N.L.
759I	Cover, Rear Case (BAYA, BYBA, B7WA, MFYA, MGHA, MGSA, M7WA)	1	00-Up	30759	N.L.
760I	Case (B7WA, BYBA) (Acura TL 3.2L)	1	00-03	30760B	N.L.
760I	Case (BAYA, MAYA)	1	03-04	30760C	N.L.
760I	Case (BDGA) (75mm O.D. CS Bearing)	1	04-06	30760F	N.L.
760I	Case (BDGA) (81mm O.D. CS Bearing)	1	04-06	30760G	N.L.
760I	Case (BDGA) (Tapered CS Bearing)	1	04-06	30760H	N.L.
760I	Case (BGHA, MGHA)	1	01-02	30760D	N.L.
760I	Case (BYBA) (Honda Odyssey) (75mm OD Case Bearing)	1	02-04	30760E	N.L.
760I	Case (MGFA, MGSA) (2.950" OD C/S to Case Bearing)	1	01-03	30760	N.L.
802D	Gear, Low (Inner Race for Low Sprag) (BAYA, BYBA, B7WA)	1	00-Up	30802	23411P7W000
802D	Gear, Low (Inner Race for Low Sprag) (MFYA, MGHA, MGSA, M7WA)	1	00-Up	30802	23411P7W000
962F	Piston, 1st, 2nd, 3rd Clutch Balance (Bonded) (MRMA, BCLA, MCLA)	3	02-Up	30962	22533PRP003
963	Piston, 3rd (20T) (135mm OD Drum) (BAYA, BYBA, B7WA)	1	02-07	30963A	22670PGH003
963	Piston, 3rd (20T) (135mm OD Drum) (MFYA, MGHA, MGSA, M7WA)	1	02-07	30963A	22670PGH003
963	Piston Kit, 3rd (20T) (135mm OD Drum) (BAYA, BYBA, B7WA)	1	02-07	30963AK	N.L.
963	Piston Kit, 3rd (20T) (135mm OD Drum) (MFYA, MGHA, MGSA, M7WA)	1	02-07	30963AK	N.L.
963	Piston Kit, 3rd (24T) (BVGA, B7WA)	1	02-Up	30963K	N.L.
963	Piston, 3rd (24T) (BVGA)	1	02-Up	30963	22670P7W013
967E	Piston, Low Clutch Balance (Bonded) (Civic 06-Up)	1	06-Up	30967	22533RPC003
873	Snap Ring, 2-4-5 Retainer (BAYA, BYBA, B7WA, MFYA, MGHA, MGSA, M7WA)	1	99-Up	30873	90603PL4000
973	Spring, 3rd Clutch (BAYA, BYBA, B7WA, MFYA, MGHA, MGSA, M7WA)	1	99-Up	30973	22652P7W003
983	Retainer, 3rd Clutch (BAYA, BYBA, B7WA, MFYA, MGHA, MGSA, M7WA)	1	99-Up	30983	22654P7W003
N.I.	Cooler-Warmer (Universal External Cooler Adapter) (Replaces OE)	1	00-Up	30998U	N.L.
N.I.	Cooler-Warmer (Accord V6 03-06, TL 04-06)	1	03-06	30998	19430RCAA51
N.I.	Cooler-Warmer (Civic 06-Up)	1	06-Up	30998A	19430RNAA51
N.I.	Cooler-Warmer (3.2CL 01-03, 3.2TL 00-03)	1	00-03	30998B	19430P8EA01
N.I.	Tube Set, Lube Feed Pipe (MKZA, MCLA, MZKA)	1	03-06	30999	22770RCL305
N.I.	End Plug, Valve Body (12mm)	1	00-Up	80741-6	98892-01
N.I.	End Plug, Valve Body (14mm)	1	00-Up	80741-6A	98892-02
N.I.	End Plug, Valve Body (15mm)	1	00-Up	80741-6B	98892-03
N.I.	End Plug Kit, Valve Body (Incl 12mm, 14mm, 15mm End Plugs)	1	00-Up	80741-6K	98892-01K
Tool	Tool, Bushing Remover & Installer (all sections Honda)	1	00-Up	T-28999	N.L.
Tool	Tool, Solenoid Adjustment Tool (BAXA, M6HA)	N.I.	N.I.	T-88950-T	88950-T

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	End Plug Kit, Valve Body (Incl 12mm, 14mm, 15mm End Plugs)	N.I.	7	S80741-6K	98892-01K
Vol 9	End Plug, Valve Body (12mm)	N.I.	N.I.	S80741-6	98892-01
Vol 9	End Plug, Valve Body (14mm)	N.I.	N.I.	80741-6A	98892-02
Vol 9	End Plug, Valve Body (15mm)	N.I.	N.I.	S80741-6B	98892-03
Vol 9	Valve, CPC (Oversized) w/ End Plug (Various Models) (Req. T-F-98892-TL23)	N.I.	6	S80741S-1	98892-23K
Vol 9	Valve, Lock-Up Control (O.S.) w/ End Plug (Various) (Req. T-F-98892-TL27)	N.I.	3	S80741Q-1A	98892-27K
Vol 9	Valve, L-Up Timing (O.S.) 2 Large Spools .471" (Various) (Req T-F-98892-TL22)	N.I.	4	S80741H-1A	98892-24K
Vol 9	Valve, L-Up Timing (O.S.) 3 Large Spools .471" (Various) (Req T-F-98892-TL22)	N.I.	4	S80741H-1	98892-22K
Vol 9	Valve, Pressure Regulator (Various Models)	N.I.	1	S80741P-1	98892-04K
Vol 9	Valve, Pressure Reg (Various) (O.S.) (Various) (Req. T-F-98892-TL13)	N.I.	1	S80741P-1A	98892-13K
Vol 9	Valve, TCC Check Valve (Various Models)	N.I.	2	S80741C-1	98892-06K
Vol 9	Valve, TCC Check Valve (Various Models)	N.I.	2	S80741C-1A	98892-10K
Vol 9	Valve, TCC Check Valve (Various Models)	N.I.	5	S30741C-1	98892-16K

M4VA CVT

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	M4VA, MLYA, SLYA (Civic HX, GX)	1	96-05	40006	N.L.
006	MHTA (Insight)	1	01-06	40006B	N.L.
006	SZCA (Civic Hybrid) (w/ Pistons)	1	03-05	40006CP	N.L.
	LESS STEEL KITS				
004	M4VA, MLYA, SLYA (Civic HX, GX)	1	96-05	40004	N.L.
004	MHTA (Insight)	1	01-06	40004B	N.L.
004	SZCA (Civic Hybrid) (w/ Pistons)	1	03-05	40004CP	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	M4VA, MLYA, SLYA (Civic HX, GX)	1	96-05	40002	N.L.
002	MHTA (Insight)	1	01-06	40002B	N.L.
002	SZCA (Civic Hybrid) (w/out Pistons)	1	03-05	40002CN	N.L.
002	SLYA (Jazz 02-08, City 03-05)	1	02-08	40002D	N.L.
	FILTERS				
010	Main, M4VA (Civic HX) (Metal Filter)	1	96-00	40010	25420P4V003
010	Main, MLYA, SLYA (Civic HX, GX) (Plastic Filter)	1	01-05	40010A	25420PLY003
010	Main, MHTA (Insight), SZCA (Civic Hybrid)	1	01-06	40010B	25420PHT003
010	Main, CVT Jazz	1	02-08	40010D	31397-31X0A
013	Filter, Cooler Return (Civic 96-00, Insight 01-06) (M4VA, MHTA)	1	96-06	40013	25450P4V013
013	Filter, Cooler Return (Jazz)	1	20-08	40013D	25450PWR003
	FRICTION PLATES				
108	Forward (M4VA, MLYA, SLYA)	2	96-05	R90100	22544P24J00
110	Reverse (M4VA, MLYA, SLYA)	2-3	96-05	40110	22545P4V013
114	Starting Clutch (M4VA, MLYA, SLYA)	4	96-05	70108D	N.L.
	STEEL PLATES				
128	Forward (M4VA, MLYA, SLYA)	2	96-05	60120B	22543PC9000
130	Reverse (.075") (M4VA)	2	96-00	40130	22544P4V003
130	Reverse (.053") (MLYA, SLYA)	3	01-05	40130A	22544PLY003
134	Starting Clutch (M4VA, MLYA, SLYA)	5	96-05	70120CA	N.L.
	PRESSURE PLATES				
148	Forward (Top) (.195") (SLYA, MLYA, SZCA)	1	96-Up	40148A	N.L.
148	Forward (Top) (.205") (M4VA)	1	96-00	40148	N.L.
149	Forward (Bottom) (.080") (M4VA)	1	96-00	40149	N.L.
150	Reverse (.165") (Cast 4) (SLYA, MLYA)	1	01-05	40150A	N.L.
150	Reverse (.175") (Cast 5) (M4VA)	1	96-05	40150	N.L.
150	Reverse (.180") (Cast E) (SZCA)	1	03-Up	40150C	N.L.
154	Starting Clutch Low (.295" Stepped) (M4VA, SLYA, MLYA)	1	96-05	40154	N.L.
154	Starting Clutch (.295" Double Stepped) (Cast 10) (SZCA)	1	03-Up	40154C	N.L.
	GASKETS & O-RINGS				
300	Pan Gasket (M4VA, MLYA, SLYA) (Civic HX, GX)	1	96-05	40300F	21814P4V000
300	Pan Gasket (MHTA) (Insight)	1	01-06	40300B	21814PHT000
300	Pan Gasket, Civic Hybrid (MHTA)	1	03-05	40300C	21814PZC000
	PUMPS				
500	Pump Assembly (Cast 1, 2, 3) (M4VA, SLYA, MLYA , SZCA)	1	96-Up	40500	N.L.
505	Sprocket, Pump Drive (35T, Mates to Input) (M4VA, SLYA, MLYA, SZCA)	1	96-Up	40505	N.L.
506	Sprocket, Pump Driven (28T, Mates to Pump) (M4VA, SLYA, MLYA, SZCA)	1	96-Up	40506	N.L.
507	Plate, Pump Drive (.545" Thick) (M4VA, SLYA, MYLA)	1	96-05	40507	N.L.
507	Plate, Pump Drive (.845" Thick) (SZCA)	1	03-Up	40507C	N.L.
530	Pump Gears (M4VA, SLYA, MLYA , SZCA)	1	96-Up	40530	N.L.
	DRUMS & CLUTCH HUBS				
554	Drum, Forward (2 Clutch) (M4VA, SLYA, MLYA, SZCA)	1	96-Up	40554	N.L.
556	Retainer, Reverse (2 Clutch) (Cast METTS-2) (M4VA)	1	96-00	40556	N.L.
556	Retainer, Reverse (2 Clutch) (Cast METTS-5) (SZCA)	1	03-Up	40556C	N.L.
556	Retainer, Reverse (3 Clutch) (Cast METTS-3) (SLYA, MLYA)	1	01-05	40556A	N.L.
557	Drum, Starting Clutch (4 Clutch) (M4VA, SLYA, MLYA)	1	96-05	40557	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	PLANETS				
582	Planet (3 Gear) (17T Gear) (SZCA)	1	03-Up	40582C	N.L.
582	Planet (3 Gear) (18T Gear) (SLYA, MLYA)	1	01-05	40582A	N.L.
582	Planet (6 Gear) (M4VA)	1	96-00	40582	N.L.
592	Ring Gear (8 Lug) (75T) (SZCA)	1	03-Up	40592C	N.L.
592	Ring Gear (8 Lug) (78T) (SLYA, MLYA)	1	01-05	40592A	N.L.
592	Ring Gear (24 Lug) (84T) (M4VA)	1	96-00	40592	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612	Sun Gear (39T) (No Groove) (M4VA)	1	96-00	40612	N.L.
612	Sun Gear (39T) (1 Groove) (SLYA, MLYA)	1	01-05	40612A	N.L.
612	Sun Gear (42T) (SZCA)	1	03-Up	40612C	N.L.
	SHAFTS				
670	Input (12.725") (15/20 Splines) (M4VA)	1	96-00	40670	N.L.
670	Input (12.725") (16/20 Splines) (SLYA, MLYA)	1	01-05	40670A	N.L.
670	Input (12.400") (16/20 Splines) (SZCA)	1	03-Up	40670C	N.L.
	CHAINS				
702	Chain Oiler, Pump (3 Holes) (M4VA)	1	96-00	40702	N.L.
703	Chain, Pump (.238" Wide, 35 Links) (M4VA, SLYA, MLYA, SZCA)	1	96-Up	40703	N.L.
707	Drive Gear (39T) (38 Splines) (No or 1 Groove) (SLYA, MLYA)	1	01-05	40707A	N.L.
707	Drive Gear (39T) (38 Splines) (3 Grooves) (SZCA)	1	03-Up	40707C	N.L.
708	Driven Gear (52T) (32 Splines) (Cast PZC) (SZCA)	1	03-Up	40708C	N.L.
	DIFFERENTIALS				
715	Differential (61T) (No Groove) (M4VA)	1	96-00	40715	N.L.
715	Differential (61T) (3 Grooves) (SLYA, MLYA)	1	01-05	40715A	N.L.
715	Differential (65T) (2 Grooves) (SZCA)	1	03-Up	40715C	N.L.
730	Pinion (Threaded) (14T) (1 Groove) (M4VA)	1	96-00	40730	N.L.
730	Pinion (Non Threaded) (14T) (No Groove) (SLYA, MLYA)	1	01-05	40730A	N.L.
730	Pinion (Non Threaded) (15T) (SZCA)	1	03-Up	40730C	N.L.
	VALVE BODIES				
740	Valve Body (M4VA) (Cast HM-1, P4V)	1	96-00	40740	N.L.
740	Valve Body (SLYA, MLYA)	1	01-05	40740A	N.L.
740	Valve Body (SZCA)	1	03-Up	40740C	N.L.
744	Auxiliary Valve Body (M4VA)	1	96-00	40744	N.L.
744	Auxiliary Valve Body (SLYA, MLYA)	1	01-05	40744A	N.L.
744	Auxiliary Valve Body (SZCA)	1	03-Up	40744C	N.L.
	CASES & HOUSINGS				
750	Bell Housing (Cast P4V A-1) (M4VA)	1	96-00	40750	N.L.
750	Bell Housing (Tag SLYA) (SLYA, MLYA)	1	01-05	40750A	N.L.
750	Bell Housing (Tag) (S4VA)	1	03-Up	40750B	N.L.
750	Bell Housing (Tag SZCA) (Cast PZC) (SZCA)	1	03-Up	40750C	N.L.
755	Channel Plate (Cast 2) (M4VA)	1	96-00	40755	N.L.
755	Channel Plate (Cast 1 PLY) (SLYA, MLYA)	1	01-05	40755A	N.L.
755	Channel Plate (Cast 1 PZC) (SZCA)	1	03-Up	40755C	N.L.
759	End Cover (Tag 1HG) (M4VA)	1	96-00	40759	N.L.
759	End Cover (SLYA, MLYA)	1	01-05	40759A	N.L.
759	End Cover (Cast 1) (SZCA)	1	03-Up	40759C	N.L.
760	Case (Tag M4VA) (M4VA)	1	96-00	40760	N.L.
760	Case (Tag V4B) (SLYA, MLYA)	1	01-05	40760A	N.L.
760	Case (Stamped CA3) (SZCA)	1	03-Up	40760C	N.L.
765	Pan, w/ Filter Housing (Cast P4V) (M4VA)	1	96-00	40765	N.L.
765	Pan, No Filter Housing (SLYA, MLYA)	1	01-05	40765A	N.L.
	MISCELLANEOUS COMPONENTS				
710	CVT Kit w/ Drive Pulley, Driven Pulley & Belt (Cast PLY-15) (SLYA, MLYA)	1	01-05	40710AK	N.L.
710	CVT Kit w/ Drive Pulley, Driven Pulley & Belt (Cast PWR-24) (SZCA)	1	03-Up	40710CK	N.L.
710	CVT Kit w/ Drive Pulley, Driven Pulley & Belt (Cast P4V-26) (M4VA)	1	96-00	40710K	N.L.
853	Wave Spring, Forward Drum (M4VA, SLYA, MLYA)	1	96-05	40853	N.L.
854	Wave Spring, Reverse Retainer (M4VA, SLYA, MLYA)	1	96-05	40854	N.L.
854	Wave Spring, Reverse Retainer (SZCA)	1	03-Up	40854C	N.L.
964	Piston, Forward (M4VA, SLYA, MLYA)	1	96-05	40964	N.L.
967	Piston, Starting Clutch (M4VA, SLYA, MLYA)	1	96-05	40967	N.L.
967	Piston, Starting Clutch (SZCA)	1	03-Up	40967C	N.L.

M4VA CVT

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
974	Spring, Forward Piston (M4VA, SLYA, MLYA)	1	96-05	40974	N.L.
977	Spring, Starting Clutch Piston (M4VA, SLYA, MLYA)	1	96-05	40977	N.L.
977	Spring, Starting Clutch Piston (SZCA)	1	03-Up	40977C	N.L.
987	Retainer, Starting Clutch Piston (M4VA, SLYA, MLYA)	1	96-05	40987	N.L.
987	Retainer, Starting Clutch Piston (SZCA)	1	03-Up	40987C	N.L.
999	Oil Tube Set (6 Tubes) (SLYA, MLYA)	1	01-05	40999AK	N.L.
999	Oil Tube Set (6 Tubes) (SZCA)	1	03-Up	40999CK	N.L.
999	Oil Tube Set (6 Tubes) (M4VA)	1	96-00	40999K	N.L.

Notes

30010



30010A



30010B



30010C



30010D



30010E



30013



30013A



40010



40010B



40013



60010A



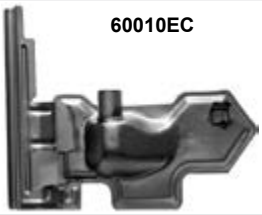
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60010E



60010EC



60010H



70010



70010A



70010B



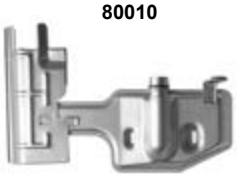
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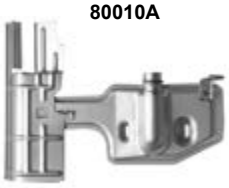
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80010



80010A



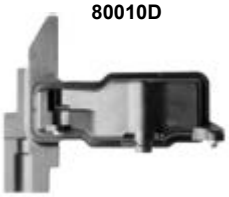
80010B



80010C



80010D



80010E



90010C



90010D



190010



220010



250010



ILL.		QTY.	YEAR	PART No.	REF. No.
Acura					
2.2 CL	Lock-Up	1	1997	80425	28300-PX4-014
2.2 CL	Shift	1	1997	80420	28200-PX4-003
2.3 CL	Linear (Dual)	1	98-99	80428	28250-P6H-024
2.3 CL	Lock-Up	1	98-99	80425	28300-PX4-014
2.3 CL	Shift “B” (Black Connector)	1	98-99	80430A	28400-P6H-013
2.3 CL	Shift “C” (Brown Connector)	1	98-99	80430B	28500-P6H-013
2.5 TL	Shift	1	92-94	70420C	28200-PW4-043
3.0 CL	Linear (Dual)	1	98-99	80428	28250-P6H-024
3.0 CL	Lock-Up	1	1997	80420B	28200-P0Z-003
3.0 CL	Lock-Up	1	98-99	80420B	28200-P0Z-003
3.0 CL	Shift	1	1997	80420B	28200-P0Z-003
3.0 CL	Shift “B” (Black Connector)	1	98-99	80430A	28400-P6H-013
3.2 CL	Linear (Dual)	1	01-03	80428	28250-P6H-024
3.2 CL	Linear (Single)	1	01-04	90428E	28250-P7W-003
3.2 CL	Shift “B” (Black Connector)	1	01-03	80430A	28400-P6H-013
3.2 CL	Shift “C” (Brown Connector)	1	01-03	80430B	28500-P6H-013
3.2 TL	Linear (Dual)	1	99-06	80428	28250-P6H-024
3.2 TL	Linear (Single)	1	00-06	90428E	28250-P7W-003
3.2 TL	Lock-Up	1	96-98	70425B	28300-PY4-034
3.2 TL	Lock-Up	1	1999	80420B	28200-P0Z-003
3.2 TL	Shift	1	96-98	70420B	28200-PY4-004
3.2 TL	Shift “B” (Black Connector)	1	1999	80430A	28400-P6H-013
3.2 TL	Shift “B” (Black Connector)	2	00-03	80430A	28400-P6H-013
3.2 TL	Shift “C” (Brown Connector)	1	1999	80430B	28500-P6H-013
3.2 TL	Shift “C” (Brown Connector)	2	00-03	80430B	28500-P6H-013
3.2 TL	Linear (Dual)	1	07-08	30428C	28250-RDK-014
3.5 RL	Lock-Up	1	96-04	70425B	28300-PY4-034
3.5 RL	Shift	1	96-04	70420B	28200-PY4-004
ILX	Shift “A” (Short Brown Connector)	3	09-14	90430A	28400-PRP-004
ILX	Shift “B” (Long Black Connector)	2	13-14	90430B	28500-PRP-004
Integra	Linear (Single)	1	00-01	90428A	28250-P4R-315
Integra	Lock-Up	1	88-89	60420L	28200-PL4-681
Integra	Lock-Up	1	90-93	70425A	28300-PR0-010
Integra	Lock-Up	1	94-01	90425A	28300-P24-J01
Integra	Shift	1	90-93	70420A	28200-PR0-010
Integra	Shift	1	94-99	70420	28200-P56-003
Integra	Shift	1	00-01	90420A	28200-P4R-003
Legend	Lock-Up	1	87-90	60425H	28300-PL5-033
Legend	Lock-Up	1	91-95	70425B	28300-PY4-034
Legend	Shift	1	87-90	60420HA	28200-PL5-033
Legend	Shift	1	91-95	70420B	28200-PY4-004
MDX	Linear (Dual)	1	01-02	80428	28250-P6H-024
MDX	Linear (Dual)	1	03-09	30428C	28250-RDK-014
MDX	Linear (Single)	1	01-02	90428E	28250-P7W-003
MDX	Linear (Single)	1	03-09	30428D	28260-RDK-023
MDX	Shift “A” (Brown Connector)	2	01-02	80430B	28500-P6H-013
MDX	Shift “A” (Brown Connector)	2	03-09	30430C	28400-RDK-003
MDX	Shift “B” (Black Connector)	2	01-02	80430A	28400-P6H-013
MDX	Shift “B” (Black Connector)	2	03-06	30430D	28500-RDK-003
MDX	Shift “B” (Black Connector)	2	03-06	30430D	28500-RDK-003
RL	Linear (Dual)	1	05-08	30428C	28250-RDK-014
RL	Linear (Single)	1	06-08	30428D	28260-RDK-023
RDX	Linear (Dual)	1	07-09	30428C	28250-RDK-014
RDX	Linear (Single)	1	07-08	30428D	28260-RDK-023
RSX	Linear (Dual)	1	02-04	90428C	28260-PRP-014
RSX	Linear (Single)	1	02-06	90428B	28250-PRP-013
RSX	Shift “A” (Short Brown Connector)	3	02-06	90430A	28400-PRP-004
RSX	Shift “B” (Long Black Connector)	2	02-06	90430B	28500-PRP-004
TSX	Shift “B” (Long Black Connector)	2	09-14	90430B	28500-PRP-004
TSX	Shift “A” (Short Brown Connector)	3	09-14	90430A	28400-PRP-004
TSX	Linear (Dual)	1	04-08	90428C	28260-PRP-014
TSX	Linear (Single)	1	04-08	90428B	28250-PRP-013
TSX	Shift “A” (Short Brown Connector)	3	04-08	90430C	28400-RCT-003
TSX	Shift “B” (Long Black Connector)	2	04-08	90430D	28500-RCT-003
Vigor	Pressure	1	92-94	70428	28250-PYZ-003
Vigor	Lock-Up	1	92-94	70425C	28300-P1V-004
Vigor	Shift	1	92-94	70420C	28200-PW4-043

ILL.		QTY.	YEAR	PART No.	REF. No.
Saturn					
Vue	Linear (Dual)	1	04-07	30428C	28250-RDK-014
Vue	Linear (Single)	1	04-07	30428D	28260-RDK-023
Vue	Shift “A” (Brown Connector)	2	04-07	30430C	28400-RDK-003
Vue	Shift “B” (Black Connector)	2	04-07	30430D	28500-RDK-003
Honda					
Accord (L4)	Linear (Dual)	1	98-02	80428	28250-P6H-024
Accord (L4)	Linear (Dual)	1	03-07	90428C	28260-PRP-014
Accord (L4)	Linear (Single)	1	03-07	90428B	28250-RPC-003
Accord (L4)	Lock-Up	1	90-97	80425	28300-PX4-014
Accord (L4)	Lock-Up	1	98-02	80425	28300-PX4-014
Accord (L4)	Shift	1	90-97	80420	28200-PX4-003
Accord (L4)	Shift “B” (Black Connector)	1	98-02	80430A	28400-P6H-013
Accord (L4)	Shift “C” (Brown Connector)	1	98-02	80430B	28500-P6H-013
Accord (L4)	Shift “A” (Short Brown Connector)	3	03-12	90430A	28400-PRP-004
Accord (L4)	Shift “B” (Long Black Connector)	2	03-12	90430B	28500-PRP-004
Accord (V6)	Linear (Dual)	1	98-07	80428	28250-P6H-024
Accord (V6)	Linear (Dual)	1	03-07	80428	28250-P6H-024
Accord (V6)	Linear (Single)	1	03-07	90428E	28250-P7W-003
Accord (V6)	Lock-Up	1	95-97	80420B	28200-P0Z-003
Accord (V6)	Lock-Up	1	98-02	80420B	28200-P0Z-003
Accord (V6)	Shift	1	95-97	80420B	28200-P0Z-003
Accord (V6)	Shift “B” (Black Connector)	1	98-02	80430A	28400-P6H-013
Accord (V6)	Shift “B” (Black Connector)	2	03-07	80430A	28400-P6H-013
Accord (V6)	Shift “C” (Brown Connector)	1	98-02	80430B	28500-P6H-013
Accord (V6)	Shift “C” (Brown Connector)	2	03-07	80430B	28500-P6H-013
Accord (V6)	Shift “A” (Brown Connector)	2	08-12	30430C	28400-RDK-003
Accord Hybrid	Shift “A” (Brown Connector)	2	05-07	30430C	28400-RDK-003
Accord Hybrid	Linear (Dual)	1	05-07	30428C	28250-RDK-014
Accord Hybrid	Linear (Single)	1	2005	30428D	28260-RDK-023
Civic	Linear (Dual)	1	01-05	90428D	28250-PLX-305
Civic	Linear (Dual)	1	06-11	90428F	28260-RPC-004
Civic	Linear (Single)	1	06-11	90428B	28250-RPC-003
Civic	Lock-Up	1	88-91	60420L	28200-PL4-681
Civic	Lock-Up	1	92-00	90425A	28300-P24-J01
Civic	Lock-Up (Bell)	1	01-05	80430A	28400-P6H-013
Civic	Shift	1	96-00	90420A	28200-P4R-003
Civic	Shift (Single) (Black Connector)	1	01-05	80430A	28400-P6H-013
Civic	Shift (Dual)	1	01-05	90420B	28200-PLX-003
Civic	Shift “A”	2	06-13	90420C	28400-RPC-003
Civic	Shift “B”	2	06-13	90420D	28500-RPC-003
Civic	Linear (Single)	1	96-00	90428A	28250-P4R-315
Crosstour	Shift “A” (Brown Connector)	2	10-12	30430C	28400-RDK-003
Crosstour	Shift “B” (Long Black Connector)	2	12-13	90430B	28500-PRP-004
CRV	Linear (Dual)	1	02-11	90428C	28260-PRP-014
CRV	Linear (Single)	1	97-01	90428A	28250-P4R-315
CRV	Linear (Single)	1	02-11	90428B	28250-PRP-013
CRV	Lock-Up	1	97-01	90425A	28300-P24-J01
CRV	Shift	1	97-01	90420A	28200-P4R-003
CRV	Shift “A” (Short Brown Connector)	3	02-11	90430A	28400-PRP-004
CRV	Shift “B” (Long Black Connector)	2	02-13	90430B	28500-PRP-004
Del Sol	Lock-Up	1	95-96	90425A	28300-P24-J01
Element	Linear (Dual)	1	03-08	90428C	28260-PRP-014
Element	Linear (Single)	1	03-08	90428B	28250-PRP-013
Element	Shift “A”	2	03-06	90430C	28400-RCT-003
Element	Shift “B”	2	03-06	90430D	28500-RCT-003
Element	Shift “A” (Short Brown Connector)	2	07-11	90430A	28400-PRP-004
Element	Shift “B” (Long Black Connector)	2	07-11	90430B	28500-PRP-004
Fit	Linear (Single)	1	07-08	90428B	28250-PRP-013
Fit	Shift “A”	2	07-13	90420C	28400-RPC-003
Fit	Shift “B”	2	07-13	90420D	28500-RPC-003
Fit	Linear (Dual)	1	07-08	90428F	28260-RPC-004
Odyssey	Linear (Dual)	1	98-06	80428	28250-P6H-024
Odyssey	Linear (Single)	1	02-06	90428E	28250-P7W-003
Odyssey	Lock-Up	1	95-97	80425	28300-PX4-014
Odyssey	Lock-Up	1	1998	80425	28300-PX4-014
Odyssey	Lock-Up	1	99-01	80420B	28200-P0Z-003
Odyssey	Shift	1	95-97	80420	28200-PX4-003
Odyssey	Shift “B” (Black Connector)	2	98-06	80430A	28400-P6H-013
Odyssey	Shift “C” (Brown Connector)	2	98-06	80430B	28500-P6H-013
Odyssey	Linear (Single)	1	2007	30428D	28260-RDK-023

ILL.		QTY.	YEAR	PART No.	REF. No.
Honda (Cont.)					
Odyssey	Shift “A” (Brown Connector)	2	07-13	30430C	28400-RDK-003
Pilot	Linear (Dual)	1	07-08	30428C	28250-RDK-014
Pilot	Linear (Dual)	1	03-05	80428	28250-P6H-024
Pilot	Linear (Single)	1	03-05	90428E	28250-P7W-003
Pilot	Linear (Single)	1	06-08	30428D	28260-RDK-023
Pilot	Shift “B” (Black Connector)	2	03-07	80430A	28400-P6H-013
Pilot	Shift “C” (Brown Connector)	2	03-07	80430B	28500-P6H-013
Pilot	Shift “B” (Black Connector)	2	06-08	30430D	28500-RDK-003
Prelude	Linear (Dual)	1	97-01	80428	28250-P6H-024
Prelude	Lock-Up	1	1988	60420EA	28300-PK4-013
Prelude	Lock-Up	1	1989	60425E	28300-PK4-901
Prelude	Lock-Up	1	90-91	60425EA	28300-PY8-J10
Prelude	Lock-Up	1	92-93	80425	28300-PX4-014
Prelude	Shift	1	92-96	80420	28200-PX4-003
Prelude	Shift (Black Connector)	1	97-01	80430A	28400-P6H-013
Prelude	Shift (Brown Connector)	1	97-01	80430B	28500-P6H-013
Ridgeline	Linear (Dual)	1	06-08	30428C	28250-RDK-014
Ridgeline	Linear (Single)	1	06-08	30428D	28260-RDK-023
Ridgeline	Shift “A” (Brown Connector)	2	06-13	30430C	28400-RDK-003
Ridgeline	Shift “B” (Black Connector)	2	06-08	30430D	28500-RDK-003

POSITION	PRESSURE SWITCHES	QTY.	YEARS	PART #	REF #
2nd/3rd	27 PSI (Beige) (Flat Body)	1	2003-Up	30411F	28600-RAY-003
2nd/3rd	27 PSI (Beige) (Stepped Body)	1	2000-Up	90411E	28600-P7W-003
2nd/3rd	28 PSI	1	2003-Up	90411G	28600-RPC-003
2nd/3rd	33 PSI (Gray) (Flat Body)	1	2003-Up	30411D	28610-RAY-003
2nd/3rd	33 PSI (Black) (Stepped Body)	1	1998-Up	90411C	28600-P7Z-003
2nd/3rd	38 PSI (Green) (Flat Body)	1	2002-Up	30411B	28600-PRP-004
2nd/3rd	38 PSI (Green) (Stepped Body)	1	1998-02	80411A	28600-P6H-003

30411B



30411D



30411F



80411A



90411C



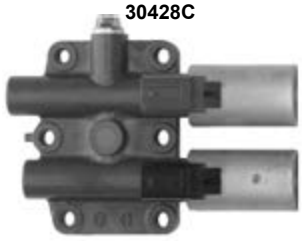
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30428D



30430C



30430D



60420EA



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60425H



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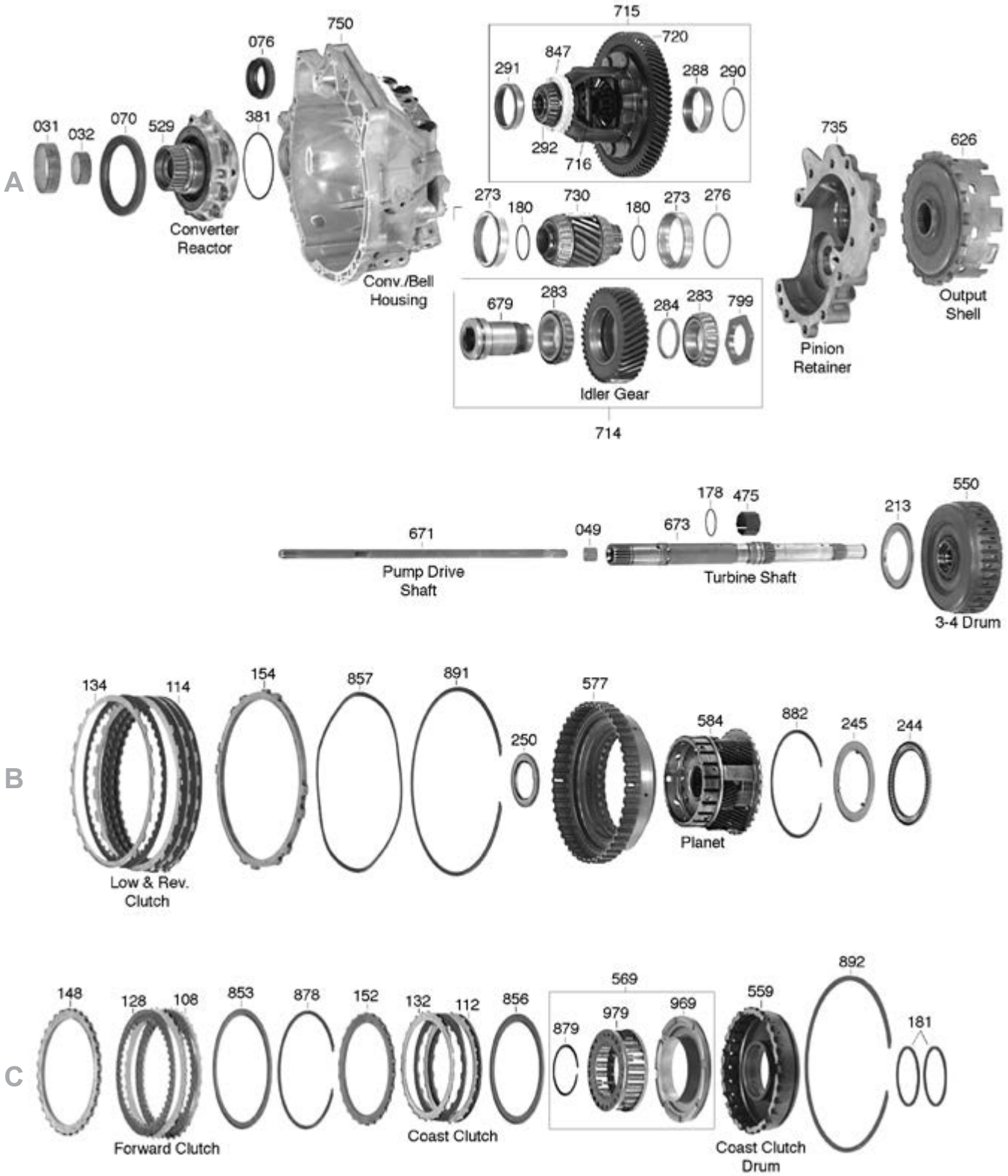
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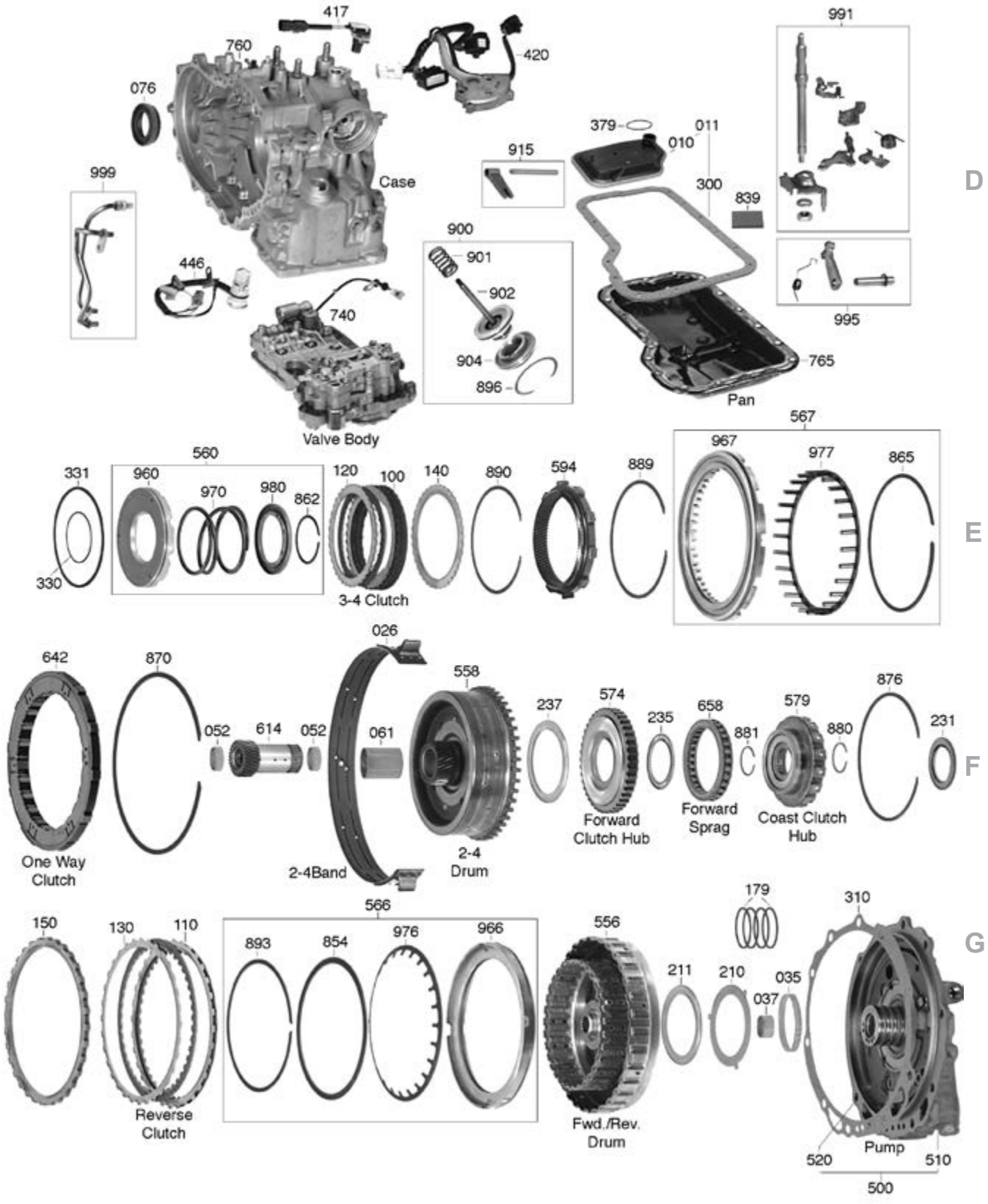
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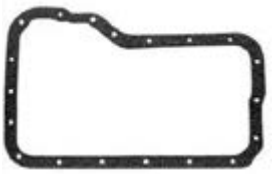
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38300A


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38010AB

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	F4A-EL, 4EAT-F, ECAT (Kia 03-Up Sell 3 of 38108B)	1	90-Up	38006AF	N.L.
	LESS STEEL KITS				
004	F4A-EL, 4EAT-F, ECAT (Kia 03-Up Sell 3 of 38108B)	1	90-Up	38004AF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	F4A-EL, 4EAT-F, ECAT (Kia 03-Up Sell 3 of 38108B)	1	90-Up	38002AF	N.L.
	FILTER KITS				
011	Shallow Pan (w/o Tube)	1	90-Up	38011A	N.L.
	FILTERS				
010D	Shallow Pan (w/o Tube)	1	90-Up	38010A	F1CZ-7A088A
010D	Deep Pan (w/ Tube)	1	93-Up	38010AB	FW01-21-500
010D	Screen, Valve Body (Round)	9	90-Up	28015	FU01-21296A
	BANDS				
026F	2-4 Band	1	90-Up	38026A	F1CZ-7D034A
	BUSHINGS				
030	Bushing Kit, F4A-EL (Steel Backed)	1	90-Up	38030	N.L.
031A	Converter Hub (57.1mm, 2.248" OD)	1	90-Up	28031A	MZB1-(CPI)
	METAL CLAD SEALS				
070A	Converter	1	90-Up	28070	FUO1-19-241A
076A	Axle (Both Sides)	2	90-Up	42076A	E6GZ-11-77D
089	Retainer, Converter Seal	1	90-Up	38089A	N.L.
	FRICTION PLATES				
100E	3-4 Clutch .062" (22T)	4	90-Up	38100A	F1CZ-7B164D
108C	Forward .062" (Exc 03-Up Kia)	3	90-Up	38108A	F1CZ-7B164A
108C	Forward .075" (03-Up Kia)	3	90-Up	38108B	N.L.
110G	Reverse .062" (45T)	2	90-Up	38110A	F1CZ-7B164C
112C	Coast .062" (16T)	2	90-Up	38112A	F1CZ-7B164B
114B	Low/ Reverse .062" (48T)	4	90-Up	38114A	F1CZ-7B164E
119	Friction Module	1	90-Up	38119A	N.L.
	STEEL PLATES				
120E	3-4 Clutch .063" (38T)	AR	90-Up	38120A	FU64-19-334A
120E	3-4 Clutch .071" (38T)	4	90-96	38120AA	F1CZ-7B442D
120E	3-4 Clutch .091" (38T)	4	90-97	38120AB	F1CZ-7B442F
120E	3-4 Clutch .130" (38T)	3	98-Up	38120C	FW30-19-334
128C	Forward .063" (31T)	3	90-Up	38128A	F1CZ-7B442A
130G	Reverse .063" (32T)	2	90-Up	38130A	F1CZ-7B442C
132C	Coast .063" (26T)	2	90-Up	38132A	F1CZ-7B442B
134B	Low/ Reverse .063" (16T)	4	90-Up	38134A	F1CZ-7B442E
	PRESSURE PLATES				
140E	3-4 Clutch (.140")	1	90-Up	38140A	F1CZ-7B066D
148C	Forward (.179")	1	90-Up	38148A	N.L.
150G	Reverse	1	90-Up	38150A	N.L.
152C	Coast	1	90-Up	38152A	F1CZ-7B066B
154B	Low/ Reverse	1	90-Up	38154A	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, F4A-EL, 4EAT-F (Transgo®)	1	90-Up	T38165A	SK® F4AEL
165	Valve Body & Pump Upgrade Kit, F4A-EL, 4EAT-F (TransLab)	1	90-Up	A38165A	F4A-CPR
	SEALING RINGS				
175A	Ring Kit (Teflon) (Complete)	1	90-Up	38175AT	N.L.
175A	Ring Kit (Metal) (Short - Includes 6 Rings)	1	90-Up	38175B	N.L.
	BEARINGS & RACES				
292A	Bearing & Race, Differential	2	90-Up	32254K	N.L.
	GASKETS & O-RINGS				
300D	Gasket, Pan (Cork) (Fiber = 38300AF)	1	90-Up	38300A	FU60-21-512A
310G	Gasket, Front Pump	1	90-Up	38310A	FU60-19-705B
320	Gasket Set, Valve Body Service Kit (4 Solenoid Type)	1	90-96	38320AK	N.L.
320	Gasket Set, Valve Body Service Kit (5 Solenoid Type Exc Kia)	1	97-Up	38320BK	N.L.
320	Gasket Set, Valve Body Service Kit (5 Solenoid Type Kia)	1	99-Up	38320CK	N.L.
379D	O-Ring, Filter	1	90-Up	38379A	FU61-21-514A
390	External Seal Kit	1	90-Up	38390	N.L.
	TECHNICAL MANUALS				
400A	Tech Manual	1	90-Up	38400	83-F4EATTM
400A	ATRA Rebuild Procedures (F4A, G4A)	1	90-Up	28400C	ATM-F4EAT
	ELECTRICAL COMPONENTS				
420D	Solenoid Set (Exc 99-Up Kia, Incl. 38421A, 38422A, 38425A)	1	90-Up	38420A	FU61-21-280C
421	Solenoid, 1-2 Shift	1	90-Up	38421A	FB02-21-285A
422	Solenoid, 2-3 & 3-4 Shift (2 Solenoids Wired Together) (Exc. 99-Up Kia)	1	90-Up	38422A	FU61-21-280D
422	Solenoid, 2-3 & 3-4 Shift (2 Solenoids Wired Together) (99-Up Kia)	1	99-Up	38422B	N.L.
425	Solenoid TCC	1	90-Up	38425A	FU61-21-286B
431	Solenoid, EPC (Exc. 99-Up KIA)	1	96-Up	38431	FB0Z-211G1C
431	Solenoid, EPC (99-Up KIA)	1	99-Up	38431A	OK2A-22-1287
445	Repair Kit, External Wire Harness (6 Prong)	1	90-96	38445EK	N.L.
445	Repair Kit, External Wire Harness (6 Plug-ins, Fits 6 Prong Connector)	1	90-96	38445EAK	N.L.
	PUMPS				
500G	Pump Complete	1	90-Up	38500A	F1CZ-7A103A
529A	Converter Reactor (31 Spline)	1	90-Up	38529A	N.L.
507A	Valve Kit w/ Spring (Fixes Low Pressure) (Sonnax)	1	90-Up	S38507PK	N.L.
507A	Valve Kit, Pump Bypass, Self Cleaning Valve Prevents Low Pressure Failure	1	90-Up	A38507PK	N.L.
	DRUMS & CLUTCH HUBS				
550A	3-4 Clutch (.071" Steels)	1	90-Up	38550	F1CZ-7F283A
550A	3-4 Clutch (.091" Steels)	1	90-Up	38550A	N.L.
550A	3-4 Clutch (.130" Steels) (Smooth or Ribbed Design)	1	90-Up	38550B	N.L.
556G	Reverse & Forward Clutch	1	90-Up	38556A	F1CZ-7D044A
558F	Band Drum w/ Sun Gear	1	90-Up	38558A	43678261
559C	Coast Clutch	1	90-Up	38559A	N.L.
853C	Drum Saver Kit (Forward)	1	90-Up	38853BK	N.L.
577B	Clutch Hub & Inner Race, Low/ Reverse Clutch (34T Hub)	1	90-Up	38577A	F1CZ-7A089A
579F	Clutch Hub, Coast Clutch (w/ Inner Race)	1	90-Up	38579A	N.L.
	PLANETS				
584B	Planet (34T Flange)	1	90-Up	38584A	F1CZ-7A398A
594E	Ring Gear, Planet (10 Lugs, 5.125" OD)	1	90-Up	38594A	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614F	Sun Gear (2 13/16" Long)	1	90-Up	38614A	N.L.
626A	Shell, Output w/ Park Gear (10 Lug Gear)	1	90-Up	38626A	F3CZ-7F283A
	ONE WAY CLUTCHES				
642F	Roller, Low Clutch	1	90-Up	38642A	FU60194-GOB
642F	Sprag, Low Clutch	1	97-Up	38642AA	N.L.
648	Sprag Assembly, Forward w/ Inner & Outer Races	1	90-Up	38648A	F1CZ-7A089B
658F	Sprag, Forward Clutch	1	90-Up	38658A	FU6019651A

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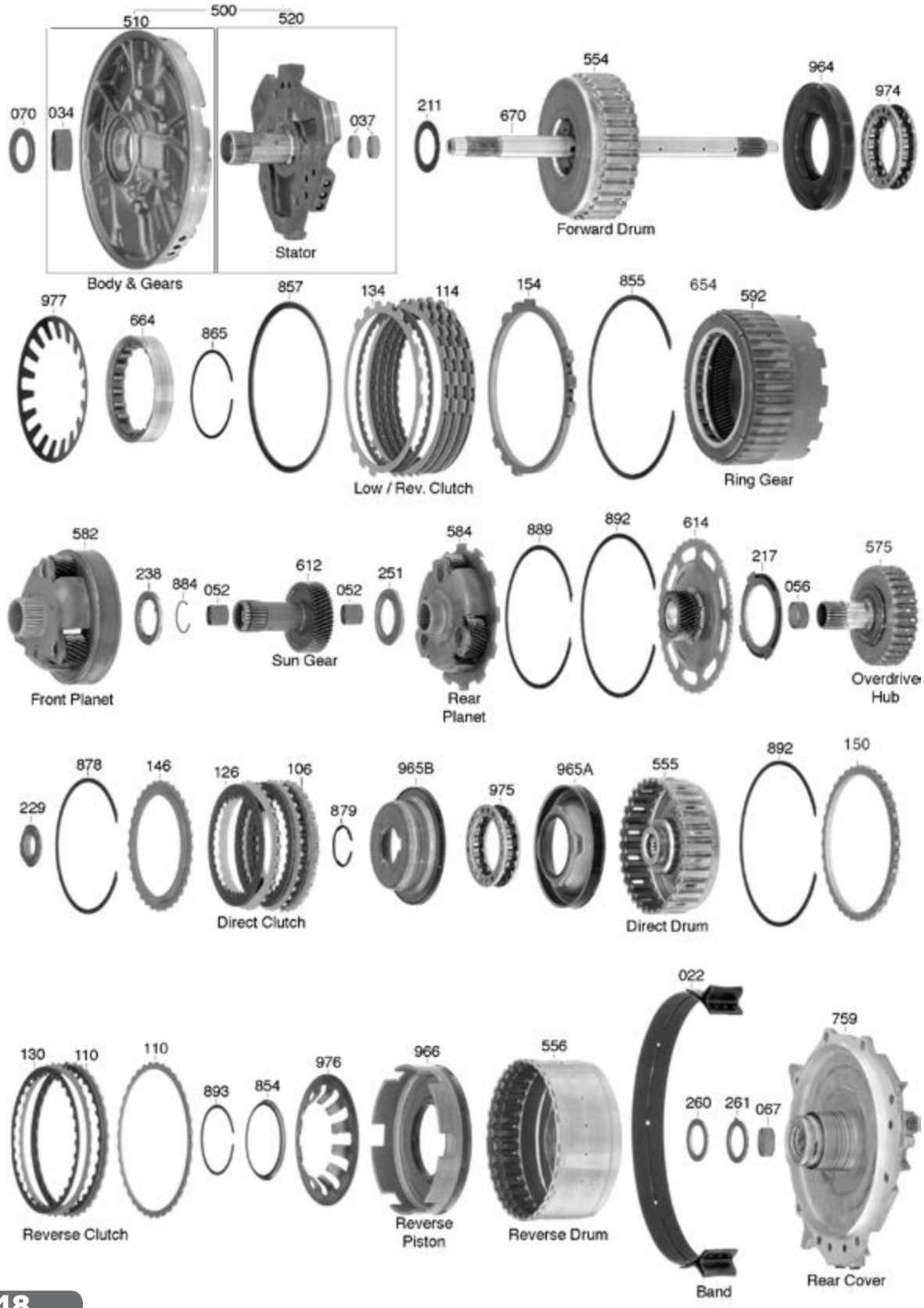
ILL.		QTY.	YEAR	PART No.	REF. No.
	SHAFTS				
671A	Pump Shaft, Drive (13 9/16" Long)	1	90-Up	38671A	N.L.
673A	Turbine Shaft (11.375" Long)	1	90-Up	38673A	F1CZ-7F351A
	DIFFERENTIALS				
715A	Differential Assembly (69T Ring, 41T Idler, 17T Drive)	1	90-Up	38715CK	N.L.
715A	Differential Assembly (69T Ring, 41T Idler, 18T Drive)	1	90-Up	38715CAK	N.L.
715A	Differential Assembly (71T Ring, 38T Idler, 21T Drive)	1	90-Up	38715AK	N.L.
715A	Differential Assembly (71T Ring, 39T Idler, 20T Drive)	1	90-Up	38715AAK	N.L.
715A	Differential Assembly (71T Ring, 40T Idler, 19T Drive)	1	90-Up	38715K	N.L.
	VALVE BODIES				
740D	Valve Body (Premium) (4 Solenoids)	1	90-97	P38740-1	N.L.
740D	Valve Body (Premium) (5 Solenoids w/ Tube) (Exc. Kia)	1	97-Up	P38740-2	N.L.
740D	Valve Body (Premium) (5 Solenoids w/o Tube) (Exc. Kia)	1	97-Up	P38740-4	N.L.
740D	Valve Body (Premium) (5 Solenoids w/ Tube) (Kia)	1	98-Up	P38740-3	N.L.
741A	Boost Valve Kit (Low Line Rise)	1	90-Up	28741TAK	74846-01K
741A	Valve, Pressure Modifier (Oversized) (req T-76846-TL7)	1	98-Up	38741L-1	74846-07K
741A	Valve, Pressure Regulator (Oversized) (req T-76846-TL6)	1	98-Up	38741P-1	74846-06K
	MISCELLANEOUS COMPONENTS				
765	Pan, Bottom	1	90-Up	38765A	N.L.
847A	Gear, Drive Speed-O (For Mazda Differential)	1	90-Up	38847A	F401-17-341A
853C	Drum Saver Kit (Forward)	1	90-Up	38853BK	N.L.
976G	Spring, Reverse Beveled Return	1	90-Up	38976A	F1CZ-7E085A

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	3-4 Drum Test Kit (Includes Cap, Screw & O-Rings)	N.I.	N.I.	T-74828-TL	74828-TL
Vol 9	Boost Valve Kit	N.I.	N.I.	S28741TAK	74846-01K
Vol 9	Pressure Modifier Valve O.S. (T-74846-TL7 req)	N.I.	N.I.	S38741L-1	74846-07K
Vol 9	Pressure Regulator Valve O.S. (T-74846-TL6 req)	N.I.	N.I.	S38741P-1	74846-06K
Vol 9	Pump Rebuild Kit (Includes Discharge Valve & Compression Spring)	N.I.	N.I.	S38507PK	K74878
Vol 9	Stator Support Sleeve (Requires Machining)	N.I.	N.I.	S38507S	71812-01

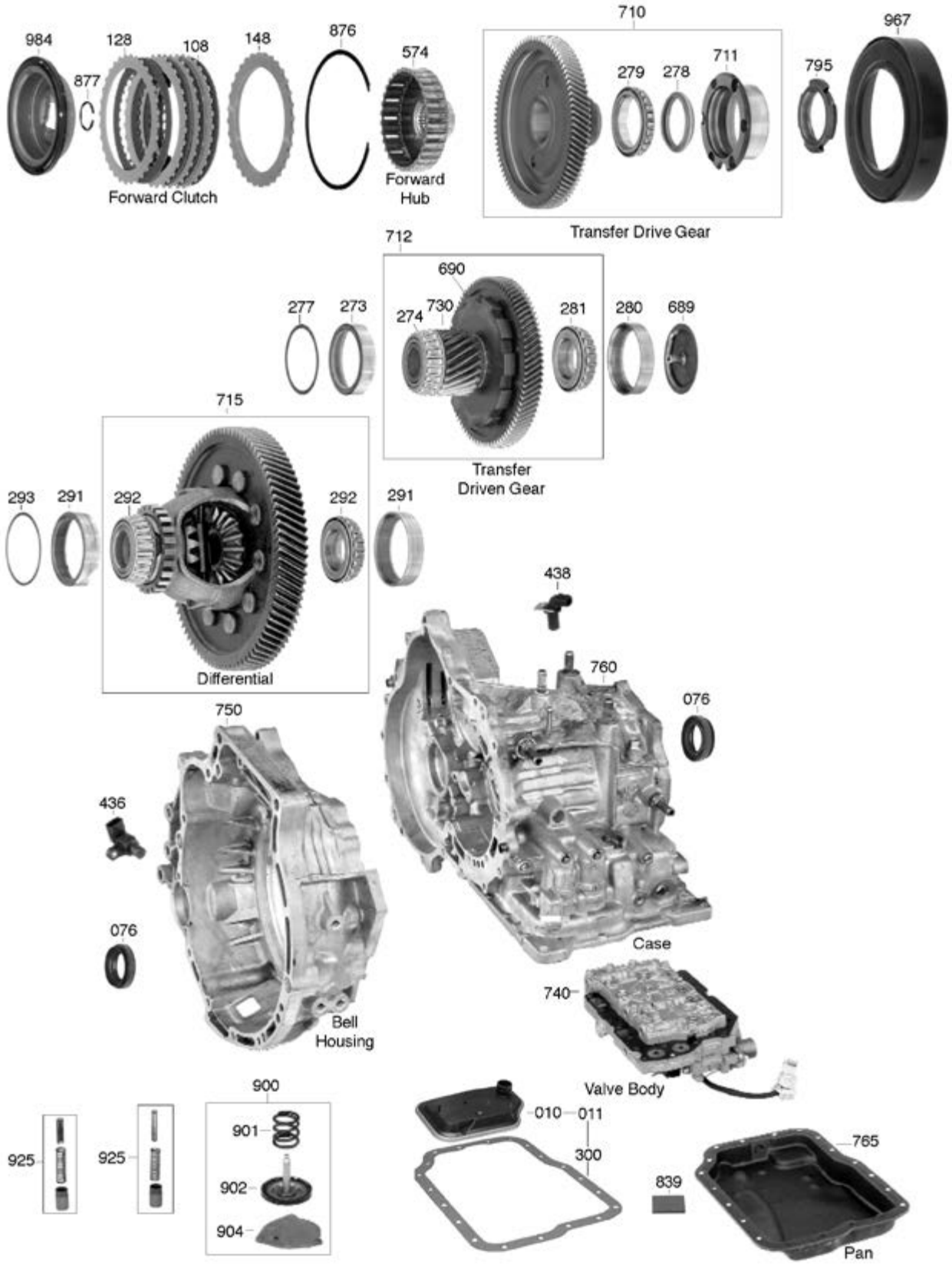
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Notes

FN4A-EL, 4F27E



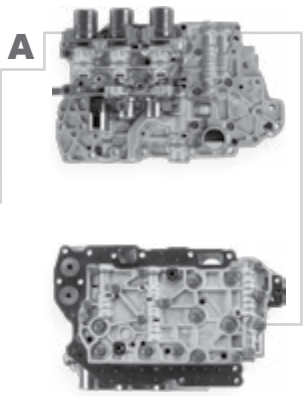
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Forward Hub
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711
Transfer Drive Gear
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730
281
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689
Transfer Driven Gear
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292
291
Differential
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076
750
436
076
Case
Bell Housing
740
Valve Body
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904
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010
011
300
839
765
Pan

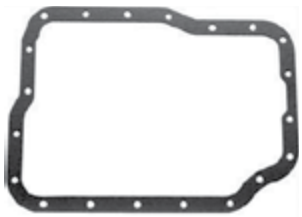
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FN4A-EL, 4F27E

VALVE BODY GUIDE



	Part	Year	Trans.	
A	P48740-1	00-Up	4F27E	Ford



48300



48010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	4F27E (Ford w/ Double Sided Direct Frictions) (w/ Pistons*)	1	00-Up	48006BP	N.L.
006	FN4A-EL (Mazda w/ Double Sided Direct Frictions) (w/ Pistons*)	1	99-Up	48006AP	N.L.
006	FN4A-EL (Mazda w/ Single Sided Direct Frictions) (w/ Pistons*)	1	03-05	48006CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 48004BN				
	LESS STEEL KITS				
004	4F27E (Ford w/ Double Sided Direct Frictions) (w/ Pistons*)	1	00-Up	48004BP	N.L.
004	FN4A-EL (Mazda w/ Double Sided Direct Frictions) (w/ Pistons*)	1	99-Up	48004AP	N.L.
004	FN4A-EL (Mazda w/ Single Sided Direct Frictions) (w/ Pistons*)	1	03-05	48004CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 48004BN				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	4F27E (Ford) (w/out Pistons**)	1	00-Up	48002BN	N.L.
002	FN4A-EL (Mazda) (w/out Pistons**)	1	99-Up	48002AN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 48002BP				
	FILTER KITS				
011	FN4A-EL, 4F27E	1	99-Up	48011AF	N.L.
	FILTERS				
010J	FN4A-EL, 4F27E	1	99-Up	48010A	XS4Z-7A098AB
	BANDS				
022E	Intermediate (Overdrive)	1	99-Up	48022A	XS4Z-7D034AB
	BUSHINGS				
030	Bushing Kit (Mazda)	1	99-Up	48030	N.L.
030	Bushing Kit (Ford)	1	00-Up	48030A	N.L.
034A	Pump Body	1	99-Up	48034	N.L.
037A	Pump Cover	2	99-Up	48037	46000-01BLK

FN4A-EL, 4F27E

ILL.		QTY.	YEAR	PART No.	REF. No.
METAL CLAD SEALS					
070A	Front Pump	1	99-Up	48070	XS4Z-7A248AA
076I	Axle (Ford)	2	00-Up	48076	XS4Z-1177AA
076I	Axle (Mazda)	2	99-Up	42076A	E6GZ-11-77D
FRICTION PLATES					
106D	Direct (Double Sided)	3	99-Up	48108A	XS4Z-7B164CB
106D	Direct (Single Sided Internal Teeth)	3	03-05	48106	FNE1-19-370
126D	Direct (Single Sided External Teeth)	3	03-05	48126	FNE1-19-33Y
108F	Forward	3-4	99-Up	48108A	XS4Z-7B164CB
110E	Reverse	2	99-Up	48110A	XS4Z-7B164AB
114B	Low/ Reverse	5	99-Up	48114A	XS4Z-7B164BB
STEEL PLATES					
126D	Direct (.063")	3	99-Up	48128A	XS4Z-7B442CB
126D	Direct (.136")	3	99-Up	48126A	XS4Z-7B442DB
128F	Forward	4	99-Up	48128A	XS4Z7B442CB
130E	Reverse	2	99-Up	48130A	XS4Z-7B442AB
134B	Low/ Reverse	5	99-Up	48134A	XS4Z-7B442BB
PRESSURE PLATES					
146D	Direct (.154")	1	99-Up	48148A	XS4Z-7B066CB
148F	Forward (.154") (Stepped)	1	99-Up	48148A	XS4Z-7B066CB
150D	Reverse (.225")	1	99-Up	48150A	N.L.
154B	Low/ Reverse (.240") (9T)	1	99-Up	48154A	N.L.
VALVE BODY RECALIBRATION KITS					
165	Shift Kit®, 4F27E, FNR5, FN4, S5AEL (Transgo®)	1	99-Up	T48165	SK® 4F27E
165	Valve Body Kit (Superior)	1	99-Up	S48165	K4F27E
SEALING RINGS					
175H	Ring Kit (Replaced by 48175E)	1	99-Up	48175A	N.L.
175H	Ring Kit (Also Fits FNR5)	1	99-Up	48175E	N.L.
THRUST WASHERS					
211A	Washer, Front Pump	1	99-Up	48211	N.L.
BEARINGS & RACES					
201	Bearing Kit	1	99-Up	48201	N.L.
GASKETS & O-RINGS					
300J	Gasket, Pan (Fiber)	1	99-Up	48300F	N.L.
311	O-Ring, Pump to Case (Mazda)	1	99-Up	97311	FN01-19-242
311	O-Ring, Pump to Case (Ford)	1	99-Up	48311A	XS4Z-7A248AC
320	Gasket, Valve Body (Ford)	1	99-Up	48320A	XS4Z-7C155AB
328	Gasket, Solenoid Body (w/ Screen)	1	99-Up	48016	FN01-21-108
328	Gasket, Solenoid Body (w/o Screen)	1	99-Up	48328	FN01-21-106
TECHNICAL MANUALS					
400H	Technical Manual, Ford	1	99-Up	48400	4F27ETM
400H	Technical Manual, Ford (Spanish)	1	99-Up	48400S	SPANISH
400H	ATRA Rebuild Procedures	1	99-Up	48400A	4F27E-DIAG
400H	ATRA Diagnostic Procedures	1	99-Up	48400B	4F27E-REB
ELECTRICAL COMPONENTS					
410	Switch, Transmission Range (Neutral Safety)	1	99-Up	48410	XS4Z-7F293AB
421	Solenoid, C, D, E (Shift Control PWM)	3	99-Up	48421	XS4Z-7G484AA
421	Solenoid, A, B (Shift Control On/Off)	2	99-Up	48421A	XS4Z-7H148AA
431	Solenoid, Electronic Pressure Control (EPC)	1	99-Up	48431	XS4Z-7G383AA
436I	Sensor, Output Speed Sensor (VSS) (2 Pin Connector) (4F27E)	1	99-Up	48436	XS4Z-7H103AB
436I	Sensor, Output Speed Sensor (VSS) (3 Pin Connector) (FN4A-EL)	1	99-Up	48436A	FN1221551A
437	Sensor, TOT/TFT (Transmission Oil Temp)	1	99-Up	86437	F1DZ-7H141A
438H	Sensor, Input Turbine Speed Sensor (TSS)	1	99-Up	48438	XS4Z-7M101AB
446	Harness, Wiring (Internal)	1	99-Up	48446	XS4Z-7G276AB

FN4A-EL, 4F27E

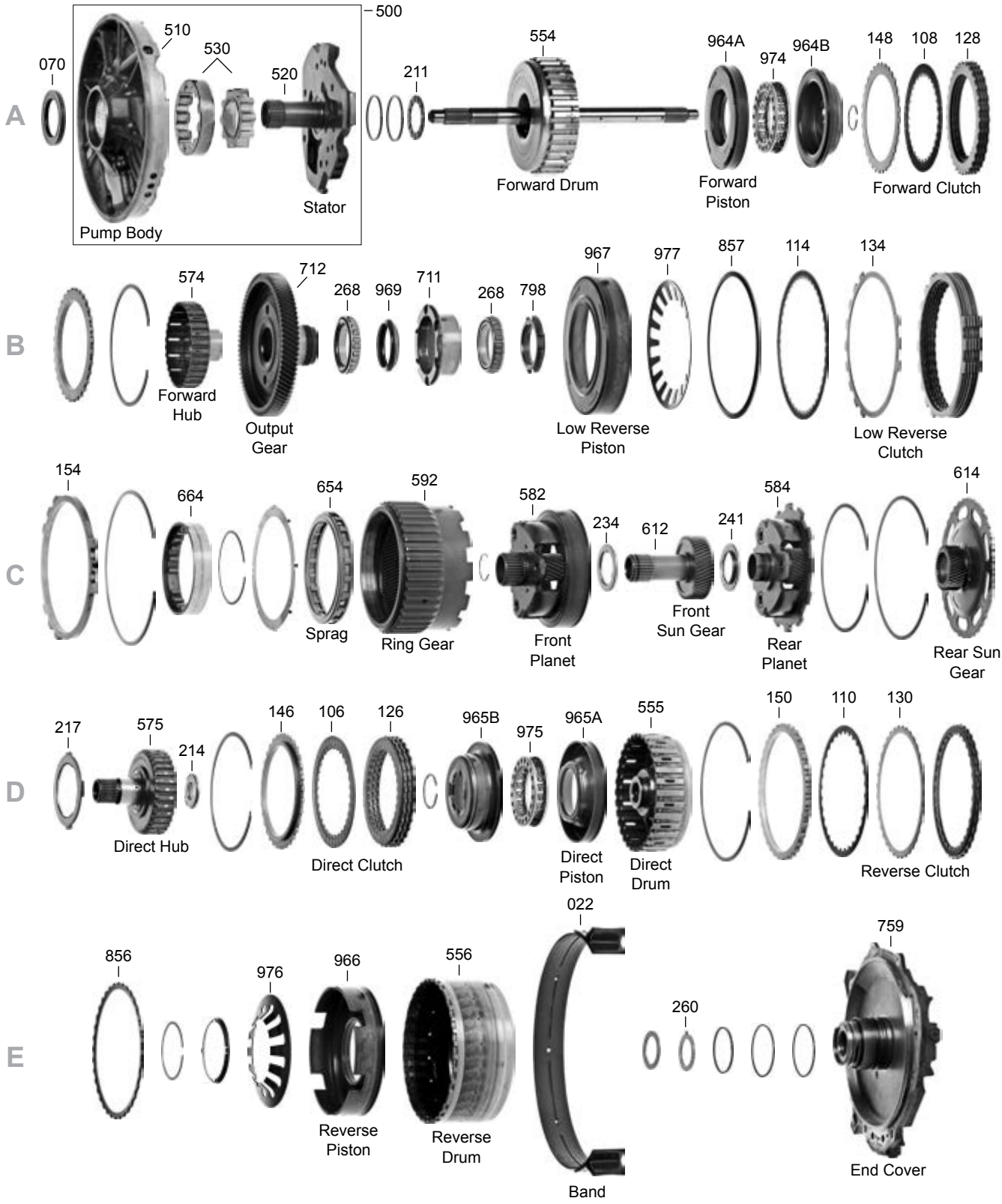
ILL.		QTY.	YEAR	PART No.	REF. No.
	PUMPS				
500A	Pump, Ford (4F27E) (O-Ring Type)	1	99-Up	48500	3S4Z-7A103AA
500A	Pump, Mazda (FN4A-EL) (Compression Seal Type)	1	99-Up	48500A	N.L.
530	Pump Gears (.535")	1	99-Up	48350	N.L.
	DRUMS & CLUTCH HUBS				
554A	Drum, Forward / Turbine Shaft (4 Clutch)	1	99-Up	48554	XS4Z-7F207AC
555D	Drum, Direct (3 Clutch) (2 Feed Holes in Ring Bore)	1	99-Up	48555	AS4Z-7F283B
556E	Drum, Reverse	1	99-Up	48556	5S4Z-7D044AA
564	Piston Assembly, Forward	1	99-Up	48564K	N.L.
565	Piston Assembly, Direct	1	99-Up	48565K	N.L.
566	Piston Assembly, Reverse (1.460" Tall) (Ford)	1	99-Up	48566K	N.L.
566	Piston Assembly, Reverse (1.370" Tall) (Mazda)	1	99-Up	48566AK	N.L.
574F	Clutch Hub, Forward	1	99-Up	48574	XS4Z-7F342AC
575C	Clutch Hub, Direct (24 Splines)	1	99-Up	48575	N.L.
575C	Clutch Hub, Direct (25 Splines)	1	99-Up	48575A	N.L.
	PLANETS				
582C	Planet, Front (.984" Splines)	1	99-Up	48582	2S4Z-7A398BA
584C	Planet, Rear (24 Inner Splines)	1	99-Up	48584	2S4Z-7D006AA
584C	Planet, Rear (25 Inner Splines)	1	99-Up	48584A	N.L.
592B	Ring Gear, Front	1	99-Up	48592	XS4Z-7D392AA
	SUN GEARS, SHELLS & SUPPORTS				
612C	Sun Gear, Front	1	99-Up	48612	5S4Z-7A399AA
614C	Sun Gear, Rear (37T, 2.910" Bearing Surface) (Ford)	1	99-Up	48614	XS4Z-7A019AB
614C	Sun Gear, Rear (43T, 3.075" Bearing Surface) (Mazda)	1	99-Up	48614A	N.L.
	ONE WAY CLUTCHES				
664B	Sprag Race, Low	1	99-Up	48664	N.L.
654B	Sprag, Low (20 Lugs)	1	99-Up	48654A	XS4Z-7A089AB
	DIFFERENTIALS				
715H	Differential Assembly (85T / 22T Ring Gear, 57T / 59T Transfer Gear)	1	99-Up	48715HK	N.L.
715H	Differential Assembly (85T / 22T Ring Gear, 83T / 87T Transfer Gear)	1	99-Up	48715BK	N.L.
715H	Differential Assembly (86T / 21T Ring Gear, 57T / 59T Transfer Gear)	1	99-Up	48715GK	N.L.
715H	Differential Assembly (86T / 21T Ring Gear, 83T / 87T Transfer Gear)	1	99-Up	48715AK	N.L.
715H	Differential Assembly (88T / 19T Ring Gear, 86T / 82T Transfer Gear)	1	99-Up	48715LK	N.L.
	VALVE BODIES				
740J	Valve Body (Premium) Ford (Cast XS4P)	1	00-Up	P48740-1	N.L.
740J	Valve Body (Premium) Mazda (Cast FN-11)	1	99-Up	P48740-2	N.L.
	CASES & HOUSINGS				
750I	Bell Housing, Starter At 2:00 (Ford)	1	99-Up	48750	XS4Z-7005AC
750I	Bell Housing, Starter At 11:00 (Ford)	1	99-Up	48750A	5S4Z-7005A
750I	Bell Housing, Flat Top (Mazda)	1	99-Up	48750B	N.L.
750I	Bell Housing, Round Top (Mazda)	1	99-Up	48750C	N.L.
759E	Case Cover, Rear (Cooler Fitting Type)	1	99-Up	48759	FP01194JO
759E	Case Cover, Rear (No Cooler Fitting Type)	1	99-Up	48759A	N.L.
759E	Case Cover, Rear (Universal) (Ford & Mazda)	1	99-Up	48759K	N.L.
760I	Case (Ford)	1	99-Up	48760	3S4Z-7005AA
760I	Case (Mazda) (2 Cooler Fittings)	1	99-Up	48760A	N.L.
765J	Oil Pan No Drain Plug, Shallow (Ford)	1	99-Up	48765	XS4Z-7A194AB
765J	Oil Pan w/ Drain Plug, Shallow (Mazda)	1	99-Up	48765A	N.L.

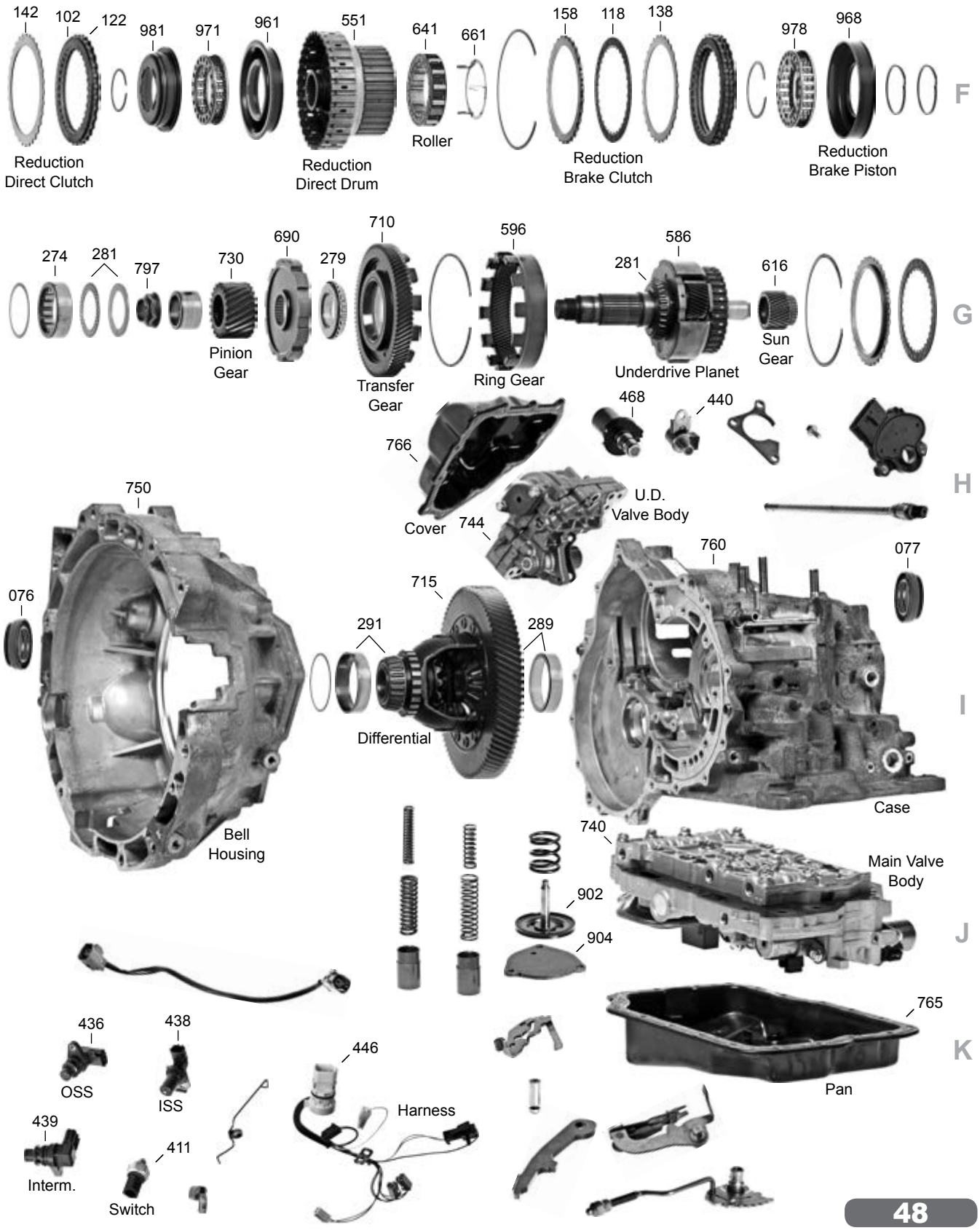
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS				
900J	Servo, Intermediate / Overdrive	1	99-Up	48900	N.L.
902J	Piston, Intermediate Servo (Bonded)	1	99-Up	48902	XS4Z-7D021AB
925J	Accumulator Assembly w/ Springs 1-2 & N/D	1	99-Up	48925K	N.L.
919	Bolt, Band Adjustment #7 (Grind Tip to Adjust if too Long)	1	99-Up	48919G	5S4Z-7F206GA
964A	Piston, Forward Clutch (Bonded)	1	99-Up	48964A	FN11-19-5P0C
984F	Piston, Forward Clutch Balance (Bonded)	1	99-Up	48984B	XS4Z-7H360AB
965D	Piston, Direct Clutch (Bonded)	1	99-Up	48965A	FN01-19-350B
985D	Piston, Direct Clutch Balance (Bonded)	1	99-Up	48985B	XS4Z-7H359AB
966E	Piston, Reverse Clutch (Ford) (Bonded) (1.475”)	1	00-Up	48966B	XS4Z-7D402AB
966E	Piston, Reverse Clutch (Mazda) (Bonded) (1.375”)	1	99-Up	48966A	FN11-19-5H0A
967F	Piston, Low/ Reverse Clutch (Bonded)	1	99-Up	48967A	FN01-19-438
961	Piston, Reduction Direct Clutch (Bonded)	1	99-Up	48961	N.L.
Tool	Servo Bore Tool	1	99-Up	T-9219	N.L.
Tool	Servo Bore Tool Sleeve	1	99-Up	T-9219-SL	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Bushing, Turbine Shaft Pump Support Bushing (2 per bag)	N.I.	N.I.	S48037AK	46000-01K
Vol 9	Pressure Regulator Valve O.S. (T-F-46892-TL & T-VB-FIX req)	N.I.	N.I.	S48741PK	46892-01K
Vol 9	Solenoid Pressure / TC Relief Valve O.S. (T-F-46892-TL3 & T-VB-FIX req)	N.I.	N.I.	S48741A	46892-03
Vol 9	Shift Control Solenoid (On-Off)	N.I.	N.I.	S48421A	46950
Vol 9	Shift Control Solenoid (PWM)	N.I.	N.I.	S48421	46951

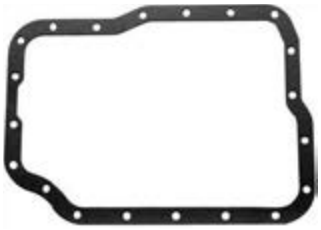
Notes

FNR5, FS5A-EL


A
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510
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Pump Body
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Forward Drum
964A
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964B
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574
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969
711
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798
967
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114
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Low Reverse Clutch
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664
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Ring Gear
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234
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584
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Rear Sun Gear
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Reverse Clutch
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556
Reverse Drum
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978
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Reduction Direct Drum
Roller
Reduction Brake Clutch
Reduction Brake Piston
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730
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710
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586
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Pinion Gear
Transfer Gear
Ring Gear
Underdrive Planet
Sun Gear
G
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440
766
Cover
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076
760
077
715
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289
Differential
Case
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Bell Housing
740
Main Valve Body
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904
J
765
K
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446
OSS
ISS
Harness
439
411
Interm.
Switch
Pan

FNR5, FS5A-EL



48300



48010E

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	FNR5 (FS5A-EL) (w/ Pistons)	1	06-Up	48006EP	N.L.
N.I.	FNR5 (FS5A-EL) (w/out Pistons)	1	06-Up	48006EN	N.L.
	LESS STEEL KITS				
004	FNR5 (FS5A-EL) (w/ Pistons)	1	06-Up	48004EP	N.L.
N.I.	FNR5 (FS5A-EL) (w/out Pistons)	1	06-Up	48004EN	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	FNR5 (FS5A-EL) (w/out Pistons)	1	06-Up	48002EN	N.L.
	FILTER KITS				
N.I.	FNR5 (FS5A-EL)	1	06-Up	48011E	N.L.
	FILTERS				
N.I.	FNR5 (FS5A-EL)	1	06-Up	48010E	6E5Z-7B155A
	BANDS				
022E	Intermediate (Overdrive)	1	06-Up	48022A	XS4Z-7D034AB
	BUSHINGS				
N.I.	Bushing Kit	1	06-Up	48030B	N.L.
N.I.	Bushing Kit (Solid Bronze)	1	06-Up	48030BX	N.L.
N.I.	Pump Body	1	06-Up	48034	N.L.
N.I.	Pump Cover	2	06-Up	48037	N.L.
N.I.	Front Sun Gear	2	06-Up	48052	N.L.
N.I.	Rear Sun Gear	1	06-Up	48056	N.L.
N.I.	Direct Hub	1	06-Up	48039	N.L.
N.I.	Reverse Drum	1	06-Up	48046	N.L.
N.I.	Underdrive Sun Gear	1	06-Up	48040	N.L.
N.I.	End Cover	1	06-Up	48066	N.L.
	METAL CLAD SEALS				
070A	Front Pump	1	06-Up	48070	XS4Z-7A248AA
076I	Axle	2	06-Up	42076A	E6GZ-11-77D
	FRICTION PLATES				
102F	Reduction Direct	2	06-Up	48102	FS50-19-580
106D	Direct (One Sided Internal Teeth)	3	06-Up	48106	FNE1-19-370
126D	Direct (One Sided External Teeth)	3	06-Up	48126	FNE1-19-33Y
108A	Forward	4	06-Up	48108A	XS4Z7B164CB
110D	Reverse	2	06-Up	48110A	XS4Z-7B164AB
114B	Low/ Reverse	5	06-Up	48114A	XS4Z-7B164BB
118F	Reduction Brake	3	06-Up	48118	FS50-19-HG0
	STEEL PLATES				
122F	Reduction Direct	3	06-Up	48128A	FN01-19-571
128A	Forward	4	06-Up	48128A	FN01-19-571
130D	Reverse	2	06-Up	48130A	XS4Z-7B442AB
134B	Low/ Reverse	5	06-Up	48134A	XS4Z-7B442BB
138F	Reduction Brake	5	06-Up	48138	FS50-19-HG1
	PRESSURE PLATES				
142F	Reduction Direct (.138")	1	06-Up	48142	N.L.
146D	Direct (.154") (Stepped)	1	06-Up	48148A	XS4Z-7B066CB

ILL.		QTY.	YEAR	PART No.	REF. No.
	PRESSURE PLATES (Cont.)				
148A	Forward (.154") (Stepped)	1	06-Up	48148A	XS4Z-7B066CB
150D	Reverse (.225")	1	06-Up	48150A	XS4Z-7B066CB
154B	Low/ Reverse (.240") (9T)	1	06-Up	48154A	N.L.
	VALVE BODY RECALIBRATION KITS				
N.I.	Valve Body Kit (Superior)	1	06-Up	S48165	K4F27E
	SEALING RINGS				
N.I.	Ring Kit	1	06-Up	48175E	N.L.
	THRUST WASHERS				
211A	Washer, Front Pump	1	06-Up	48211	N.L.
	BEARINGS & RACES				
N.I.	Bearing Kit	1	06-Up	48201	N.L.
214D	Direct Hub	1	06-Up	48214	N.L.
217D	Rear Sun Gear	1	06-Up	48217	N.L.
234C	Front Planet	1	06-Up	48234	N.L.
241C	Rear Planet	1	06-Up	48241	N.L.
260E	End Cover	1	06-Up	48260	N.L.
268B	Output Bearing	2	06-Up	48268	N.L.
274G	Underdrive to Case Bearing	1	06-Up	48274	N.L.
279G	Transfer Bearing	2	06-Up	48279	N.L.
281G	Underdrive Planet (Front)	1	06-Up	48281	N.L.
289I	Differential to Case Bearing & Race	1	06-Up	48289K	N.L.
291I	Differential to Bell Bearing & Race	1	06-Up	48291K	N.L.
	GASKETS & O-RINGS				
N.I.	Gasket, Pan (Fiber)	1	06-Up	48300F	N.L.
N.I.	Gasket, Reduction VB Cover	1	06-Up	48301	N.L.
N.I.	O-Ring, Pump to Case	1	06-Up	97311	FN01-19-242
	ELECTRICAL COMPONENTS				
410	Switch, MLPS	1	06-Up	48410E	N.L.
411	Switch, Pressure Forward Clutch	1	06-Up	48411	N.L.
421	Solenoid, SSPCA, SSPCB, SSPCC & PCB	4	06-Up	48421	XS4Z-7G484AA
421	Solenoid, SSD, SSE	2	06-Up	48421A	XS4Z-7H148AA
422	Solenoid, SSF	1	06-Up	48422E	N.L.
431	Solenoid, PCA	1	06-Up	48431	XS4Z-7G383AA
436K	Sensor, Output (OSS)	1	06-Up	48436E	N.L.
438K	Sensor, Input (ISS)	1	06-Up	48438E	N.L.
439K	Sensor, Intermediate Speed	1	06-Up	48439E	N.L.
446K	Harness, Internal	1	06-Up	48446	XS4Z-7G276AB
446K	Harness, Auxiliary Valve Body	1	06-Up	48446E	N.L.
	PUMPS				
500A	Pump	1	06-Up	48500B	N.L.
530A	Pump Gears (.610")	1	06-Up	48530B	N.L.
	DRUMS & CLUTCH HUBS				
551F	Drum, Reduction Direct (2 Clutch)	1	06-Up	48551	N.L.
555D	Drum, Direct (3 Clutch)	1	06-Up	48555	N.L.
555D	Drum, Direct (4 Clutch) (6 Feed Holes in Ring Bore)	1	06-Up	48555A	N.L.
554A	Drum, Forward	1	06-Up	48554	N.L.
556E	Drum, Reverse	1	06-Up	48556	N.L.
574B	Clutch Hub, Forward	1	06-Up	48574	N.L.
575D	Clutch Hub, Direct (24 Splines)	1	06-Up	48575	N.L.
575D	Clutch Hub, Direct (25 Splines)	1	06-Up	48575A	N.L.
	PLANETS				
582C	Planet, Front	1	06-Up	48582A	N.L.
584C	Planet, Rear (25 Inner Splines)	1	06-Up	48584A	N.L.
586G	Planet, Underdrive	1	06-Up	48586	N.L.
592C	Ring Gear, Output (3.080" Tall)	1	06-Up	48592	N.L.
596G	Ring Gear, Underdrive (1.425" Tall)	1	06-Up	48596	N.L.
N.I.	Geartrain Incl Front & Rear Planets, Sun Gear, Ring Gear	1	06-Up	48583A	N.L.
N.I.	Geartrain Incl Underdrive Planet, Sun Gear, Ring Gear, Transfer Gears	1	06-Up	48586K	N.L.

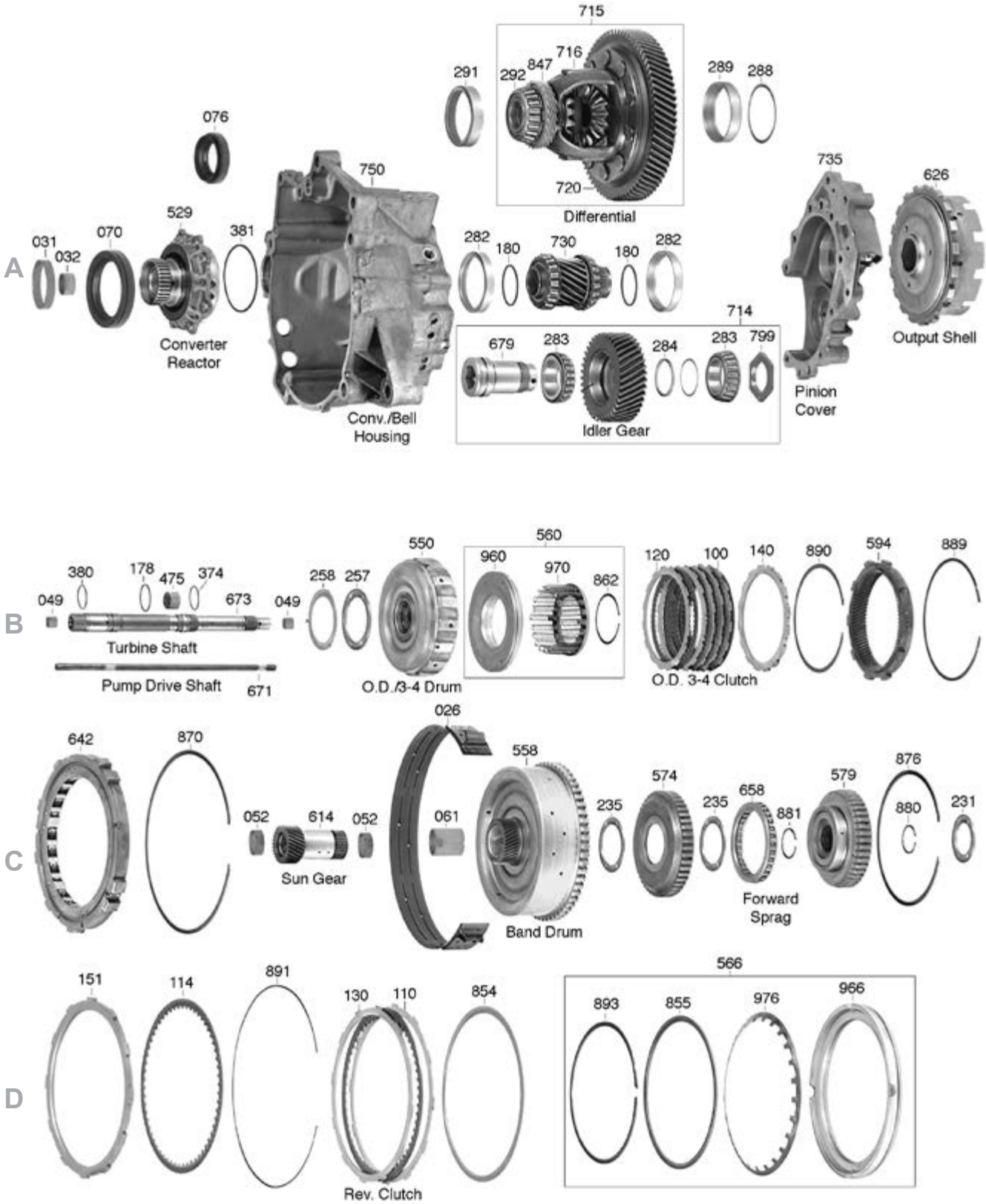
FNR5, FS5A-EL

ILL.		QTY.	YEAR	PART No.	REF. No.
	SUN GEARS, SHELLS & SUPPORTS				
612C	Sun Gear, Front (49T)	1	06-Up	48612	N.L.
614C	Sun Gear, Rear w/ Flange (37T) (1.180" ID Bushing)	1	06-Up	48614B	N.L.
616G	Sun Gear, Underdrive (31T)	1	06-Up	48616	N.L.
	ONE WAY CLUTCHES				
654C	Sprag, Low	1	06-Up	48654A	N.L.
664C	Sprag Race, Low (Inner)	1	06-Up	48664	N.L.
N.I.	Roller, Underdrive	1	06-Up	48551-1	N.L.
N.I.	Anti-Rattle, Underdrive	1	06-Up	48551-2	N.L.
	DIFFERENTIALS				
715I	Differential Assembly (85T Ring Gear) (No Groove)	1	06-Up	48715JK	N.L.
715I	Differential Assembly (85T Ring Gear) (2 Grooves)	1	06-Up	48715JAK	N.L.
715I	Differential Assembly (88T Ring Gear) (2 Grooves)	1	06-Up	48715JBK	N.L.
	VALVE BODIES				
740J	Valve Body (Premium) (Cast FS50) (Incl. Aux. Valve Body)	1	06-Up	P48740-3	N.L.
744H	Valve Body, Underdrive	1	06-Up	48744	N.L.
	CASES & HOUSINGS				
750I	Bell Housing	1	06-Up	48750B	N.L.
760I	Case (2 Pans)	1	06-Up	48760B	N.L.
759I	Cover, End	1	06-Up	48759B	N.L.
765I	Pan, Bottom w/ Drain Plug (Deep)	1	06-Up	48765B	N.L.
766H	Side Cover, Valve Body	1	06-Up	48766	N.L.
	MISCELLANEOUS COMPONENTS				
N.I.	Piston Assembly, Low/ Reverse Clutch	1	06-Up	48567AK	N.L.
N.I.	Race, Underdrive (Inner)	1	06-Up	48660	N.L.
690G	Park Gear	1	06-Up	48690B	N.L.
N.I.	Crush Sleeve, Output Gear	1	06-Up	48696B	N.L.
710G	Transfer Gear, Driven (Output Gear)	AR	06-Up	48710B	N.L.
712B	Transfer Gear, Drive	AR	06-Up	48712B	N.L.
730G	Pinion Gear, Underdrive Section	AR	06-Up	48730B	N.L.
797G	Nut, Underdrive Planet	1	06-Up	48797B	N.L.
798B	Nut, Output Gear	1	06-Up	48798B	N.L.
856E	Cushion, Reverse	1	06-Up	48856B	N.L.
857B	Cushion, Low/ Reverse	1	06-Up	48857	N.L.
902J	Servo Piston	1	06-Up	48902	N.L.
904J	Servo Cover	1	06-Up	48904B	N.L.
919	Bolt, Band Adjustment #7 (Grind Tip to Adjust if too Long)	1	06-Up	48919G	5S4Z-7F206GA
961F	Piston, Reduction Direct Clutch (Bonded)	1	06-Up	48961	N.L.
964A	Piston, Forward Clutch (Bonded)	1	06-Up	48964B	FN11-19-5P0C
965D	Piston, Direct Clutch (Bonded)	1	06-Up	48965A	FN01-19-350B
966E	Piston, Reverse Clutch (Bonded)	1	06-Up	48966A	FN11-19-5H0A
967B	Piston, Low/ Reverse Clutch (Bonded)	1	06-Up	48967A	FN01-19-438
968F	Piston, Reduction Brake Clutch (Bonded)	1	06-Up	48968	FS50-19-HE1
971F	Return Spring, Reduction Direct Clutch (Bonded)	1	06-Up	48971	N.L.
974A	Return Spring, Forward	1	06-Up	48974B	N.L.
975D	Return Spring, Direct Clutch	1	06-Up	48975B	N.L.
976E	Return Spring, Reverse	1	06-Up	48976B	N.L.
977B	Return Spring, Low/ Reverse	1	06-Up	48977B	N.L.
978F	Return Spring, Reduction Direct	1	06-Up	48978B	N.L.
981F	Retainer, Reduction Direct Clutch Balance (Bonded)	1	06-Up	48981	N.L.
984A	Retainer, Forward Clutch Balance (Bonded)	1	06-Up	48984B	XS4Z-7H360AB
985D	Retainer, Direct Clutch Balance (Bonded)	1	06-Up	48985B	XS4Z-7H359AB

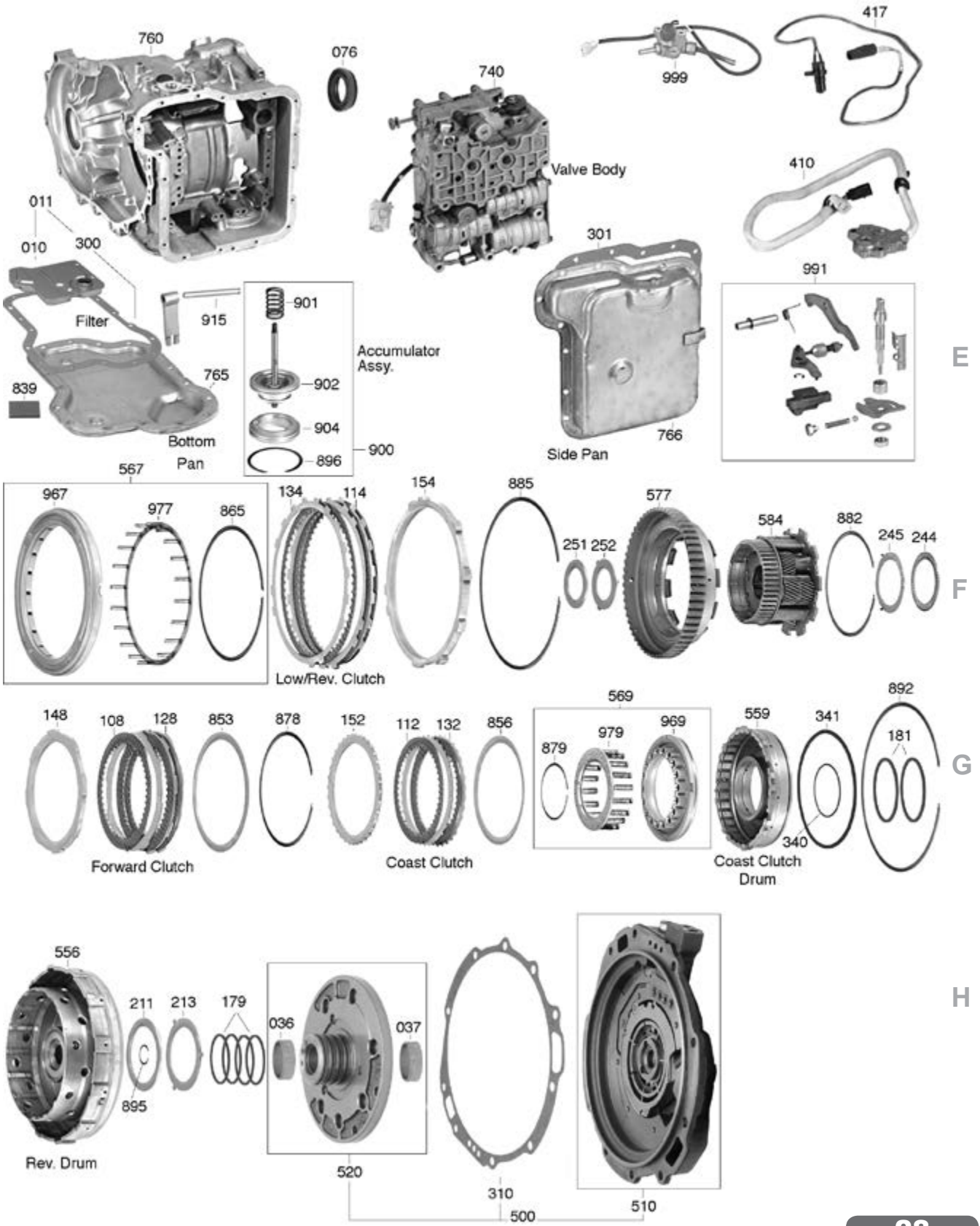
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Pressure Regulator Valve O.S. (T-F-46892-TL & T-VB-FIX req)	N.I.	N.I.	S48741PK	46892-01K
Vol 9	Solenoid Pressure / TC Relief Valve O.S. (T-F-46892-TL3 & T-VB-FIX req)	N.I.	N.I.	S48741A	46892-03

Notes

G4A-EL, GF4A-EL



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Valve Body
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Filter
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Accumulator Assy.
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896
765
839
Bottom Pan
Side Pan
766
E
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114
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885
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252
577
584
882
245
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Low/Rev. Clutch
F
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108
128
853
878
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112
132
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341
892
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Forward Clutch
Coast Clutch
Coast Clutch Drum
G
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213
179
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895
Rev. Drum
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H

G4A-EL, GF4A-EL


28300


28300A


28010


28010A


28010B


28010D

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS) (1)				
006	G4A-EL, G4A-HL, 4EAT-G	1	86-87	28006F	N.L.
006	G4A-EL, G4A-HL, 4EAT-G	1	88-92	28006BF	N.L.
006	4EAT-GF, GF4A-EL	1	93-02	28006EF	N.L.
	LESS STEEL KITS (1)				
004	G4A-EL, G4A-HL, 4EAT-G	1	86-87	28004F	N.L.
004	G4A-EL, G4A-HL, 4EAT-G	1	88-92	28004BF	N.L.
004	4EAT-GF, GF4A-EL	1	93-02	28004EF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS) (1)				
002	G4A-EL, G4A-HL, 4EAT-G	1	86-92	28002F	N.L.
002	4EAT-GF, GF4A-EL	1	93-02	28002EF	N.L.
	(1) w/ Teflon Ring Kits. Metal Ring Kit Sold Separate - 28175E				
	FILTER KITS				
011	3 Bolt (1" Thick) (All Metal)	1	88-92	28011A	N.L.
011	3 Bolt (2.75" Thick) (w/ Plastic Pick-up Tube) (Cork)	1	93-02	28011D	N.L.
011	3 Bolt (2.75" Thick) (w/ Plastic Pick-up Tube) (Fiber)	1	93-02	28011DF	N.L.
	FILTERS				
010E	4 Bolt (.625" Thick)	1	86-87	28010	FU04-19-361A
010E	3 Bolt (1" Thick) (All Metal)	1	88-92	A28010A	FU31-21-500
010E	3 Bolt (1" Thick) (Metal & Plastic)	1	88-92	28010A	FU31-21-500
010E	3 Bolt (1.5" Thick) (All Metal)	1	88-94	A28010B	FU50-21-500A
010E	3 Bolt (1.5" Thick) (Metal & Plastic)	1	88-94	28010B	FU50-21-500A
010E	3 Bolt (2.75" Thick) (w/ Plastic Pick-up Tube)	1	93-02	28010D	F32Z-7A098A
015	Thimble Filter in Valve Body	1	86-92	28015	FU01-21-296A
015	Thimble Filter in Valve Body	1	93-02	28015A	FU91-21-296A
	BANDS				
026C	Non Turbo (1.50" Wide)	1	86-92	28026	FU08-21-310A
026C	Non Turbo (1.50" Wide) (Hi-Energy)	1	93-02	28026A	N.L.
026C	Turbo (1.75" Wide)	1	86-92	28026B	FU32-21-310B
	BUSHINGS				
030	Bushing Kit (Steel Backed) (9 Pieces)	1	86-02	28030	N.L.
030	Bushing Kit (Solid Bronze) (7 Pieces)	1	86-02	28030B	N.L.
031A	Converter Hub (2.255" OD)	1	86-87	28031AA	MZB57
031A	Converter Hub (2.086" OD)	1	88-02	28031A	MZB1-(CPI)
	METAL CLAD SEALS				
070A	Front w/o Flange (OEM Design)	1	86-02	28070	FUO1-19-241A
070A	Front w/ Flange (Aftermarket Design)	1	86-02	28070A	N.L.
076E	Axle (Both Sides)	2	86-02	42076A	E6GZ-11-77D
078	Speedometer	1	86-02	250078	9958-60-8166
089	Retainer, Front Seal	1	86-02	28089A	N.L.
	FRICTION PLATES				
100B	3-4 (Overdrive) .063" (50T) (w/ Grooves)	4-5	86-02	28100	FU08-19-370
100B	3-4 (Overdrive) .063" (50T) (Smooth) (can use 28100)	4	93-02	28100A	FU2G-19-370
108G	Forward .063" (48T)	3-4	86-02	28108	FU08-19-580
110D	Reverse .063" (58T) V-Tooth	2	86-87	28114	FU01-19-460
110D	Reverse .063" (58T) Square Tooth	2-3	88-00	28114A	FU50-19-4F0
110D	Reverse .063" (32T)	2	01-02	28110	GF30-19-5J0

G4A-EL, GF4A-EL

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES (Cont.)				
112G	Coast .062" (44T) V-Tooth	2	86-87	28112	FU01-19-590
112G	Coast .062" (44T) Square Tooth	2	88-02	28112A	FU50-19-590
114F	Low/ Reverse .063" (58T) V-Tooth	2	86-87	28114	FU01-19-460
114F	Low/ Reverse .063" (58T) Square Tooth	2-3	88-02	28114A	FU50-19-4F0
	STEEL PLATES				
120B	3-4 (Overdrive) .063" (16T)	5	86-87	28120	FU01-19-334
120B	3-4 (Overdrive) .063" (29T)	5	88-92	28120A	FU50-19-334
120B	3-4 (Overdrive) .091" (30T)	5	88-02	28120B	FU32-19-334
120B	3-4 (Overdrive) .130" (29T)	4	93-02	28120D	FU9D-19-334
128G	Forward .063" (8T)	3-4	86-92	28128	FU01-19-571
128G	Forward .063" (32T)	3	93-02	28128A	FU9A-19-571A
130D	Reverse .063" (12T)	2	86-92	28130	FU50-19-561
130D	Reverse .063" (32T)	2	93-02	28130B	FU9A-19-561
854D	Reverse Drumsaver, Replaces Belleville Spring	1	86-92	28854	74705XW
132G	Coast .063" (32T)	2-3	86-02	28132	FU01-19-621
134F	Low/ Reverse .063" (15T)	3-5	86-02	28134	FU01-19-451A
	PRESSURE PLATES				
140B	3-4 Clutch (3.8mm)	1	88-02	28140A	E92Z-7B066AE
140B	3-4 Clutch (4.0mm)	1	88-02	28140B	E92Z-7B066T
140B	3-4 Clutch (4.2mm)	1	88-02	28140C	E92Z-7B066U
140B	3-4 Clutch (4.4mm)	1	88-02	28140D	E92Z-7B066V
140B	3-4 Clutch (4.6mm)	1	88-02	28140E	E92Z-7B066W
140B	3-4 Clutch (4.8mm)	1	88-02	28140F	E92Z-7B066X
148G	Forward Clutch (8T) (.232")	1	86-92	28148A	E92Z-7B066A
151D	Reverse Clutch (12T) (.258")	1	86-92	28151A	E92Z-7B066N
151D	Reverse Clutch (12T) (.274")	1	86-92	28151AA	E92Z-7B066P
151D	Reverse Clutch (12T) (.290")	1	86-92	28151AC	E92Z-7B066R
152G	Coast Clutch (.189")	1	86-02	28152A	E92Z-7B066H
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit® (1 & 4 Solenoids) (Transgo®)	1	86-93	T28165	SK® G4A
165	Shift Kit® (7 Solenoids) (GF4A-EL) (Transgo®)	1	93-02	T28165B	SK® GF4A EL
	SEALING RINGS				
175H	Ring Kit (Metal & Teflon)	1	86-02	28175C	N.L.
175H	Ring Kit, 6 Rings (Metal) (2-28180 & 4-28179)	1	86-02	28175E	N.L.
	BEARINGS & RACES				
283A	Bearing, Idler Gear	2	86-02	28283	E92Z-7F458A
289A	Bearing & Race, Differential	2	86-02	28289	N.L.
	GASKETS & O-RINGS				
300E	Gasket, Bottom Pan (Non Turbo) (Fiber)	1	86-02	28300F	FU01-21-512
300E	Gasket, Bottom Pan (w/ Turbo) (Fiber)	1	86-02	28300AF	FU32-21-512
301E	Gasket, Side Pan (Non Turbo) (Fiber)	1	86-02	28301F	FU50-21-531
301E	Gasket, Side Pan (w/ Turbo) (Fiber)	1	86-02	28301AF	FU32-21-531
309	Gasket/ Washer, Pump Bolt	9	86-02	28309	E92Z-7N357A
310H	Gasket, Pump	1	86-02	28310	FU01-19-705A
320	Gasket Set, Valve Body (G4A-HL)	1	88-94	28320K	N.L.
320	Gasket Set, Valve Body (G4A-EL)	1	86-89	28320AK	N.L.
320	Gasket Set, Valve Body (G4A-EL)	1	90-92	28320BK	N.L.
320	Gasket Set, Valve Body (GF4A-EL)	1	93-02	28320CK	N.L.
379	O-Ring, Filter	1	86-02	28379	FU01-21-514
	TECHNICAL MANUALS				
400H	Tech Manual, Electronic G4A-EL	1	86-92	28400	83-G4A-ELTM
400H	Tech Manual, Hydraulic G4A-HL	1	86-02	28400A	G4A-HL 4SPD
400H	Tech Manual, Electronic GF4A-EL	1	93-02	28400B	83-GF4A-EL
400H	ATRA Rebuild Procedures (F4A, G4A)	1	90-Up	28400C	ATM-F4EAT
	ELECTRICAL COMPONENTS				
416	Solenoid, Lock-up Control (Black Connector)	1	93-02	28416	FU9A-21-1F2C
420	Solenoid Assembly, Hydraulic (1 Solenoid Valve Body) (G4A-HL)	1	86-02	28420	FU5021280B
420	Solenoid Assembly, Electronic (4 Solenoid Valve Body) (G4A-EL)	1	87-92	28420A	FU84-21-280
420	Solenoid Assembly, Electronic (7 Solenoid Valve Body) (GF4A-EL)	1	93-02	28420C	F32Z-7A100A

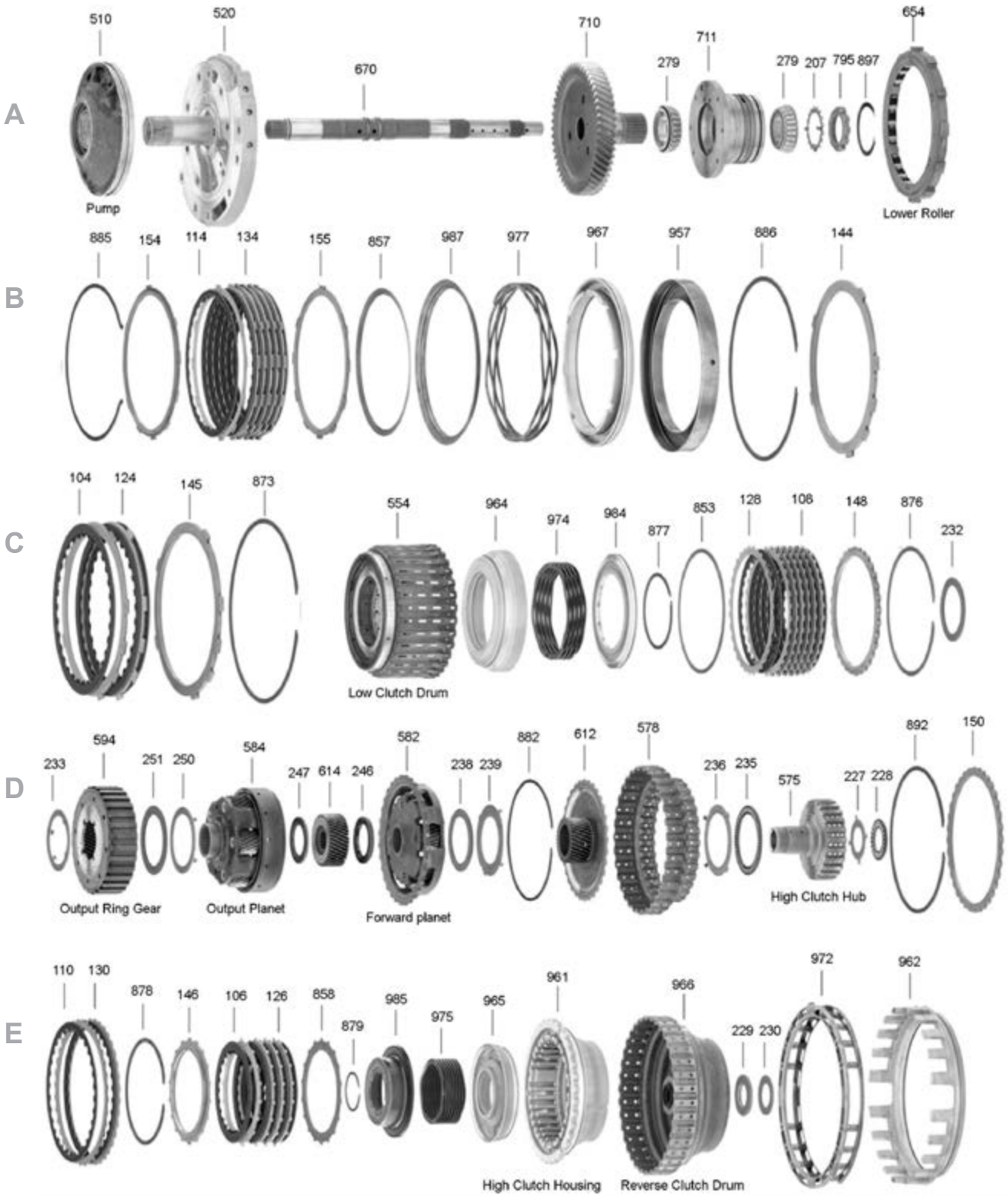
G4A-EL, GF4A-EL

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS (Cont.)				
421	Solenoid, 1-2 Shift (Black Connector)	1	93-02	28421A	FU9A-21-1F1D
422	Solenoid, 2-3 Shift (Green or Brown Connector)	1	93-02	28422A	FU9A-21-1F4D
423	Solenoid, 3-4 Shift (Yellow Connector)	1	93-02	28423A	FU9A-21-1F3D
425	Solenoid, Lock-Up & EPC	2	93-02	28425A	FU9A-21-1G1C
434	Solenoid, 3-2 Down Shift (Black Connector)	1	93-02	28434A	FU9A-21-1F5D
	PUMPS				
500H	Pump Assembly	1	86-87	28500A	E92Z-7A103C
500H	Pump Complete (Rotor & Vanes)	1	88-92	28500AA	N.L.
500H	Pump Complete (Gears)	1	93-02	28500C	F3ZZ-7A103A
529A	Converter Reactor (31 Splines) (1.375" Center to Center) *	1	88-02	28529	E9ZZ-7F351A
529A	Converter Reactor (31 Splines) (1.750" Center to Center) *	1	88-02	28529A	N.L.
	* Locate The 2 Bolt Holes That Are The Closest Together. Measure The 2 Bolt Holes 180 Degrees Across From These.				
	PUMP COMPONENTS				
507H	Pump Vane Expander Ring, Decreases Internal Leakage	1	86-02	28538A	71912-02
507H	Pump Valve w/ Spring Kit (Fixes Low Pressure)	1	93-02	S38507PK	N.L.
507H	Pressure Regulator Spool Valve, Spring & Expander Ring	1	86-02	28507LK	71912-01K
507H	Valve Kit, Pump Bypass (Prevents Low Pressure Failure)	1	93-02	A38507PK	N.L.
	DRUMS & CLUTCH HUBS				
550B	3-4 Clutch (30T Steels) 1.515" Overall Height (2 1/16" OD Neck)	1	86-02	28550BA	N.L.
550B	3-4 Clutch (30T Steels) 1.655" Overall Height (2 1/16" OD Neck)	1	86-02	28550BB	N.L.
556H	Reverse (20 Spl) 3 Forward Clutches (12T Rev Steels 32T Forward Steels)	1	88-92	28556C	F1ZZ-7D044A
556H	Reverse (20 Spl) 4 Forward Clutches (32T Rev Steels 32T Forward Steels)	1	93-02	28556D	N.L.
577F	Clutch Hub, Low Clutch w/ Inner Race (39 Inner T)	1	86-02	28577	N.L.
	PLANETS				
584F	Planet (10T Flange)	1	86-02	28584B	N.L.
584F	Planet (39T Flange)	1	86-02	28584	N.L.
594B	Ring Gear, Planet (10 Lug)	1	86-02	28594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614C	Sun Gear (3 1/16" Long)	1	86-02	28614B	N.L.
	ONE WAY CLUTCHES				
642C	Low Overrunning Sprag (w/ Outer Race) (7 Lugs .520 Thick)	1	86-02	28642	N.L.
642C	Low Overrunning Sprag (w/ Outer Race) (7 Lugs .550 Thick)	1	86-92	28642A	FU50-19-4G0
642C	Low Overrunning Sprag (w/ Outer Race) (9 Lugs .520 Thick)	1	98-02	28642B	FU40-19-4G0
658C	Forward Sprag	1	86-02	28658	E92Z-7A089A
	SHAFTS				
671B	Pump Shaft (14.312" Long)	1	86-02	28671	N.L.
671B	Pump Shaft (14.440" Long)	1	86-02	28671AA	N.L.
671B	Pump Shaft (14.750" Long)	1	86-02	28671A	F02Z-7B328A
	VALVE BODIES				
740E	Valve Body (Premium) 4 Solenoid	1	88-92	P28740-1	N.L.
740E	Valve Body (Premium) 6 Solenoid (Plug Type TOT)	1	93-02	P28740-5	N.L.
740E	Valve Body (Premium) 6 Solenoid (Wire Type TOT)	1	93-02	P28740-3	N.L.
740E	Valve Body (Premium) 7 Solenoid (Plug Type TOT)	1	93-02	P28740-4	N.L.
740E	Valve Body (Premium) 7 Solenoid (Wire Type TOT)	1	93-02	P28740-2	N.L.
	VALVE BODY COMPONENTS				
741H	Boost Valve Kit (w/ TV Cable)	1	86-92	28741TK	71846-01K
741H	Boost Valve Kit (w/o TV Cable)	1	93-02	28741TAK	74846-01K
741H	Valve, Pressure Modifier (req T-74846-TL4)	1	93-02	28741L-1	74846-04
741H	Valve, Pressure Regulator Oversized (req T-74846-TL5)	1	93-02	28741P-1	74846-05
	MISCELLANEOUS COMPONENTS				
847A	Gear, Speed-O Drive (25 Tooth)	1	86-02	28847A	E92Z-17285A
854D	Spacer, Reverse Clutch Spring (Replaces Belleville Spring)	1	86-92	28854	74705XW

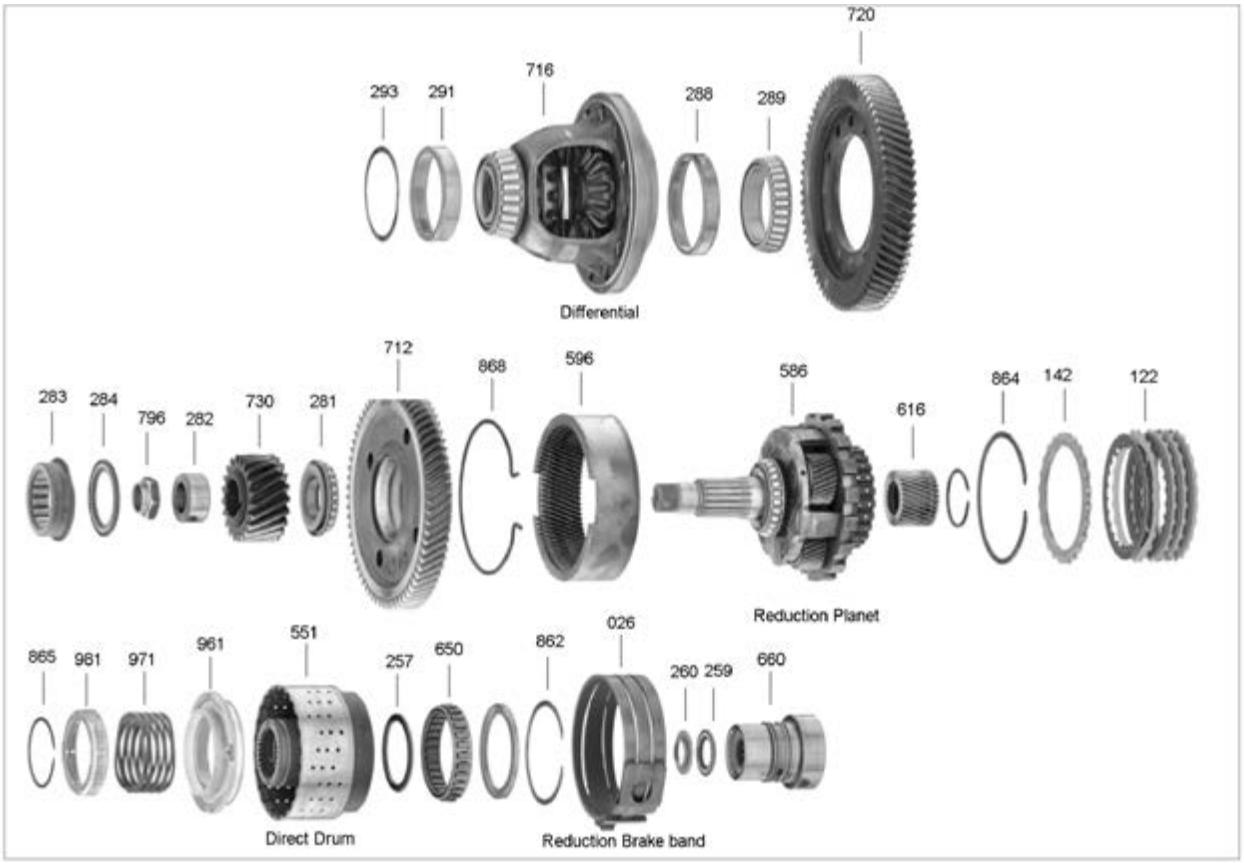
ILL. VOL.	SONNAX PRODUCTS	QTY. PAGE	YEAR ILL.	PART No. PART NO.	REF. No. SONNAX NO.
Vol 9	3-4 Drum Test Kit (Includes Cap, Screw & O-Rings)	N.I.	N.I.	T-71828-TL	71828-TL
Vol 9	Boost Valve Kit (86-92)	N.I.	N.I.	S28741TAK	74846-01K
Vol 9	Boost Valve Kit (93-Up)	N.I.	N.I.	S28741TK	71846-01K
Vol 9	Front Pump Support Shim (.015") (5 per bag)	N.I.	N.I.	S28212A	71400-15
Vol 9	Pressure Modifier Valve O.S. (T-74846-TL4 req)	N.I.	N.I.	S28741L-1	74846-04
Vol 9	Pressure Regulator Valve O.S. (T-74846-TL5 req)	N.I.	N.I.	S28741P-1	74846-05
Vol 9	Pump Rebuild Kit (Includes Discharge Valve & Compression Spring)	N.I.	N.I.	S38507PK	K74878
Vol 9	Pump Rebuild Kit (Includes Valve, Spring & Valve Expander Ring)	N.I.	N.I.	S28507LK	71912-01K
Vol 9	Stator Support Sleeve (Requires Machining)	N.I.	N.I.	S38507S	71812-01

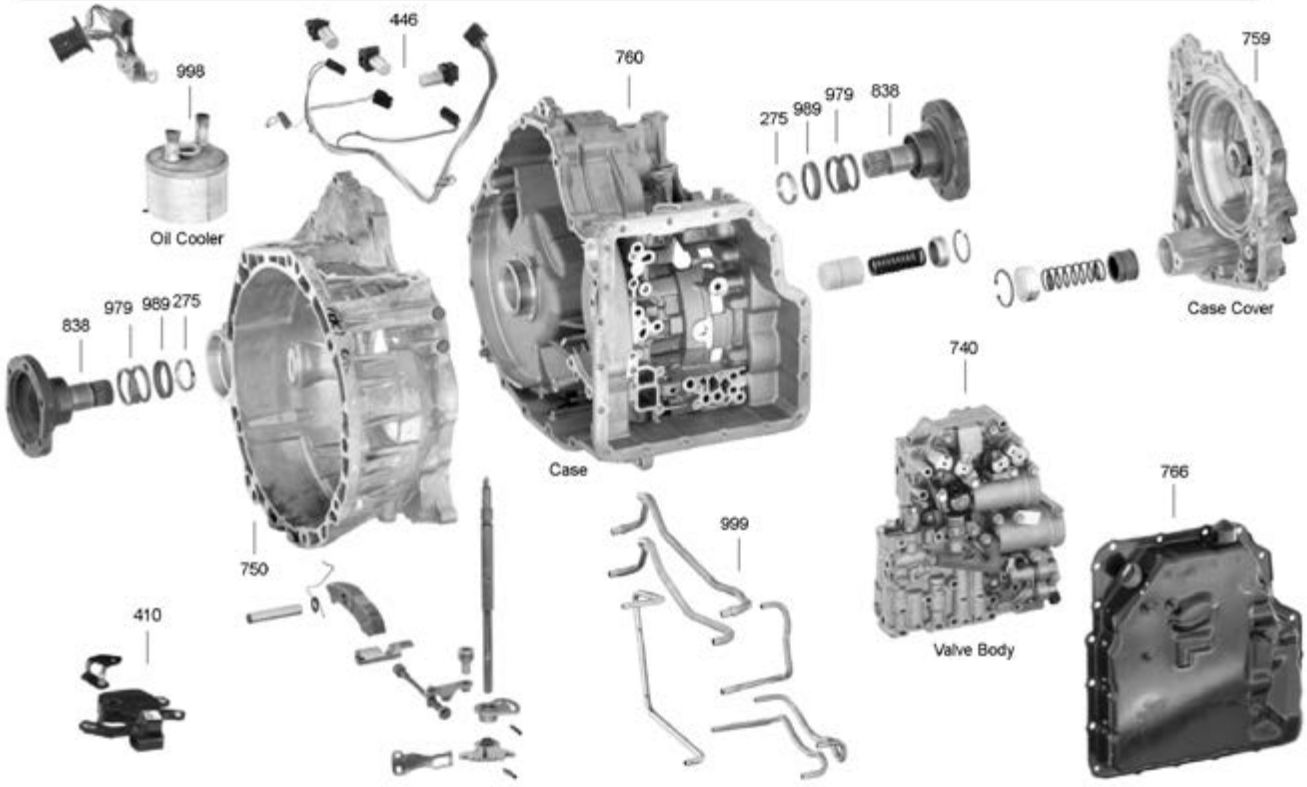
Notes

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Direct Drum
Reduction Brake band


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Oil Cooler
Case Cover
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Valve Body

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98301


98010


98010A


98010B

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	Mazda, Land Rover (w/ Bonded Piston Retainers*)	1	02-Up	98006AP	N.L.
006	Jaguar, Rover (w/ Bonded Piston Retainers*)	1	99-Up	98006CP	N.L.
006	VW (w/ Bonded Piston Retainers*)	1	00-Up	98006BP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 98004AN				
	LESS STEEL KITS				
004	Mazda, Land Rover (w/ Bonded Piston Retainers*)	1	02-Up	98004AP	N.L.
004	Jaguar, Rover (w/ Bonded Piston Retainers*)	1	99-Up	98004CP	N.L.
004	VW (w/ Bonded Piston Retainers*)	1	00-Up	98004BP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 98004AN				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	Mazda, Land Rover (w/out Bonded Piston Retainers**)	1	02-Up	98002AN	N.L.
002	Jaguar, Rover (w/ Bonded Piston Retainers**)	1	99-Up	98002CN	N.L.
002	VW (w/ Bonded Piston Retainers**)	1	00-Up	98002BN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 98002AP				
	FILTERS				
010	Round Pickup (Jaguar, Mazda, Land Rover)	1	99-Up	98010	FP01-21-500
010	Rectangular Pickup (.650") (VW Exc Sharan)	1	00-Up	98010A	N.L.
010	Rectangular Pickup (1.300") (VW Sharan)	1	00-Up	98010B	N.L.
	BANDS				
026H	Reduction	1	99-Up	98026	FP01-19-360
	BUSHINGS				
030	Bushing Kit (Solid Bronze)	1	99-Up	98030	N.L.
034A	Pump	1	99-Up	83034A	31405-31X13
	METAL CLAD SEALS				
070A	Pump	1	02-Up	98070	N.L.
076I	Axle, Left & Right (Mazda)	2	02-Up	98076	N.L.
076I	Axle, Left & Right (VW)	2	00-Up	98076A	N.L.
076I	Axle, Left & Right (Land Rover)	2	02-Up	98076B	N.L.
076I	Axle, Left & Right (Jaguar, Rover) (2wd)	1	99-Up	98077	N.L.
077I	Axle, Right (Jaguar, Rover) (Awd)	1	99-Up	98076C	N.L.
	FRICTION PLATES				
100G	Direct	4	99-Up	98100	FP01-19-580
104C	2-4	3	99-Up	98104	FP01-19-3VO
106E	High	5	99-Up	83106BA	31532-80X10
108C	Low	7	99-Up	23108	31532-AA170
110E	Reverse	2	99-Up	98110	FP01-19-610
114B	Low/ Reverse	6	99-Up	83114BA	31662-80X02
	STEEL PLATES				
120G	Direct	4	99-Up	98120	FP01-19-499
124C	2-4	2	99-Up	98124	FP01-19-3N4
126E	High (.063")	1	99-Up	98126A	FP01-19-6E2
126E	High (.094")	4	99-Up	98126	FP01-19-6E1
128C	Low	7	99-Up	98128	FP01-19-561
130E	Reverse	2	99-Up	98130	FP01-19-571
134B	Low/ Reverse	5	99-Up	98134	FP01-19-609

ILL.		QTY.	YEAR	PART No.	REF. No.
	PRESSURE PLATES				
140G	Direct (.170")	1	99-Up	98140	N.L.
144C	2-4 Brake (Backing) (.165")	1	99-Up	98144	N.L.
145C	2-4 Brake (Apply) (.165")	1	99-Up	98145A	N.L.
145C	2-4 Brake (Apply) (.300")	1	99-Up	98145B	N.L.
146E	High (.118")	1	99-Up	98146	N.L.
146E	High (.134")	1	99-Up	98146B	N.L.
148C	Low (.160")	1	99-Up	98148	N.L.
150D	Reverse (.140")	1	99-Up	98150	N.L.
150D	Reverse (.150")	1	99-Up	98150A	N.L.
154B	Low/ Reverse (Backing) (.150")	1	99-Up	98154	N.L.
154B	Low/ Reverse (Backing) (.250")	1	99-Up	98154A	N.L.
155B	Low/ Reverse (Apply) (.100")	1	99 -Up	98155A	N.L.
	SEALING RINGS				
175F	Sealing Ring Kit	1	99-Up	98175	N.L.
	GASKETS & O-RINGS				
301J	Gasket, Side Pan	1	99-Up	98301	N.L.
320	Gasket Kit, Valve Body	1	99-Up	98320K	N.L.
	TECHNICAL MANUALS				
400F	Tech Manual (ATSG)	1	99-Up	98400	JATCO JF506E
400F	Tech Manual (Update) (Green Book) (ATSG)	1	99-Up	98400C	506E UPDATE
400F	Rebuild Procedures (ATRA)	1	99-Up	98400A	JATCO-REB
	ELECTRICAL COMPONENTS - VW, LAND ROVER, JAGUAR				
420	Solenoid Group (VW, Land Rover, Jaguar)	1	99-Up	98420	K19-40-RP000
421	Solenoid, Shift "A" (VW, Land Rover, Jaguar)	1	99-Up	98421A	31941-PR006
421	Solenoid, Shift "A" (Mazda)	1	02-Up	98421B	N.L.
422	Solenoid, Shift "B" (VW, Land Rover, Jaguar)	1	99-Up	98422A	31941-PR000
423	Solenoid, Shift "C" (VW, Land Rover, Jaguar)	1	99-Up	98423A	31941PR005
423	Solenoid, Shift "C" (Mazda)	1	02-Up	98423B	N.L.
425	Solenoid, TCC (VW, Land Rover, Jaguar)	1	99-Up	98425A	31941-PR010
428	Solenoid, 2-4 Brake Duty (Oil Pressure) (VW, Land Rover, Jaguar)	1	99-Up	98428A	31941-PR011
430	Solenoid, Neutral Shift Control (Mazda)	1	02-Up	98430	N.L.
431	Solenoid, EPC (Main Pressure) (VW, Land Rover, Jaguar)	1	99-Up	98431A	31941-PR015
432	Solenoid, 2-4 Brake Timing (VW, Land Rover, Jaguar)	1	99-Up	98432A	31941-PR008
432	Solenoid, Reduction Timing (VW, Land Rover, Jaguar)	1	99-Up	98432B	31941-PR014
432	Solenoid, Reduction Timing (Mazda)	1	02-Up	98432D	N.L.
432	Solenoid, Shift Low Timing (VW, Land Rover, Jaguar)	1	99-Up	98432C	31941-PR007
436	Sensor, Turbine, Input & Output (VW, Land Rover, Jaguar)	3	99-Up	98436	31935-PW000
	ELECTRICAL COMPONENTS - MAZDA				
420	Solenoid Group (Mazda)	1	02-Up	98420A	K19-40-RP001
421	Solenoid, Shift "A" (Mazda)	1	02-Up	98421B	31941-PM004
422	Solenoid, Shift "B" (Mazda)	1	02-Up	98422A	31941-PR000
423	Solenoid, Shift "C" (Mazda)	1	02-Up	98423B	31941-PM003
425	Solenoid, TCC (Mazda)	1	02-Up	98425B	31941-PM000
430	Solenoid, Neutral Shift Control (Mazda)	1	02-Up	98430	31941-PM005
430	Solenoid, 2-4 Shift Duty & Duty High Clutch Control (Mazda)	2	02-Up	98430A	31941-PM001
431	Solenoid, EPC (Main Pressure)	1	02-Up	98431A	31941-PR015
432	Solenoid, Reduction Timing (Mazda)	1	02-Up	98432D	31941-PM002
436	Sensor, Turbine, Input & Output (Mazda)	3	02-Up	98436	31935-PW000
	PUMPS				
500A	Pump Assembly	1	99-Up	98500	N.L.
530	Pump Gears	1	99-Up	98530	N.L.
	DRUMS & CLUTCH HUBS				
551H	Drum, Direct (23 Spline) (Land Rover)	1	02-Up	98551	N.L.
551H	Drum, Direct (31 Spline) (Mazda, Jaguar)	1	02-Up	98551A	N.L.
551H	Drum, Direct (31 Spline) (VW)	1	00-Up	98551B	N.L.
554C	Drum, Low	1	99-Up	98554	N.L.
556E	Drum, Reverse	1	99-Up	98556	N.L.
575D	Hub, High	1	99-Up	98575	N.L.
578D	Hub, 2nd/ Reverse (32T / 32T)	1	99-Up	98578	N.L.

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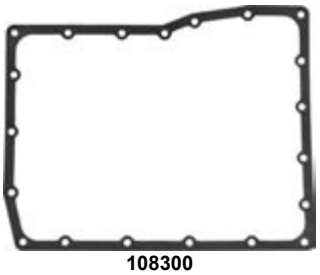
ILL.		QTY.	YEAR	PART No.	REF. No.
	PLANETS				
582D	Planet, Front (3 Gear) (Land Rover)	1	02-Up	98582	N.L.
582D	Planet, Front (4 Gear) (Mazda, Jaguar, VW)	1	99-Up	98582A	N.L.
584D	Planet, Rear (4 Gear) (Land Rover)	1	02-Up	98584	N.L.
584D	Planet, Rear (5 Gear) (Mazda, Jaguar, VW)	1	99-Up	98584A	N.L.
586G	Planet, Reduction w/ Shaft (23T Sun Gear) (No Groove) (Land Rover)	1	02-Up	98586	N.L.
586G	Planet, Reduction w/ Shaft (31T Sun Gear) (1 Groove) (VW)	1	00-Up	98586B	N.L.
586G	Planet, Reduction w/ Shaft (31T Sun Gear) (2 Groove) (Mazda, Jaguar)	1	99-Up	98586A	N.L.
594D	Ring Gear, Rear (74T)	1	99-Up	98594	N.L.
596G	Ring Gear, Reduction (85T) (5.435" OD) (Mazda, Jaguar, VW)	1	99-Up	98596A	N.L.
596G	Ring Gear, Reduction (93T) (5.565" OD) (Land Rover)	1	02-Up	98596	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612D	Sun Gear Hub, Front (34T)	1	99-Up	98612	N.L.
614D	Sun Gear, Rear (42T)	1	99-Up	98614	N.L.
616G	Sun Gear, Reduction (1 Groove) (VW)	1	00-Up	98616B	N.L.
616G	Sun Gear, Reduction (2 Groove) (Mazda, Jaguar)	1	99-Up	98616A	N.L.
616G	Sun Gear, Reduction (No Groove) (Land Rover)	1	02-Up	98616	N.L.
	ONE WAY CLUTCHES				
650H	Sprag, Reduction	1	99-Up	98650	N.L.
654A	Low Roller Clutch	1	99-Up	98654	N.L.
660	Race/Support, Direct (2.875" Tall)	1	99-Up	98660	N.L.
	SHAFTS				
670A	Shaft, Input (2 Ring) (Land Rover, VW)	1	00-Up	98670	N.L.
670A	Shaft, Input (3 Ring) (Mazda, Jaguar)	1	99-Up	98670A	N.L.
	DIFFERENTIALS				
715F	Differential Assembly (67T, No Groove) (Land Rover)	1	02-Up	98715	N.L.
715F	Differential Assembly (68T, 4 Grooves) (Jaguar)	1	99-Up	98715C	N.L.
715F	Differential Assembly (68T, 4 Grooves) (Mazda)	1	02-Up	98715A	N.L.
715F	Differential Assembly (69T, No Groove) (VW)	1	00-Up	98715B	N.L.
N.I.	Transfer Gear Kit (41T / 47T) (1 Groove Driven Gear) (Mazda)	1	02-Up	98710BK	N.L.
N.I.	Transfer Gear Kit (52T / 67T) (1 Groove Driven Gear) (VW)	1	00-Up	98710CK	N.L.
N.I.	Transfer Gear Kit (54T / 65T) (2 Groove Driven Gear) (Jaguar)	1	99-Up	98710AK	N.L.
N.I.	Transfer Gear Kit (54T / 65T) (No Groove Driven Gear) (Land Rover)	1	02-Up	98710K	N.L.
N.I.	Ring & Pinion (67T / 22T) (Land Rover)	1	02-Up	98730K	N.L.
N.I.	Ring & Pinion (68T / 21T) (Mazda, Jaguar)	1	99-Up	98730AK	N.L.
N.I.	Ring & Pinion (69T / 20T) (VW)	1	00-Up	98730BK	N.L.
	VALVE BODIES				
740J	Valve Body (Premium) (Mazda)	1	02-Up	P98740-1	N.L.
740J	Valve Body (Premium) (VW)	1	00-Up	P98740-2	N.L.
740J	Valve Body (Premium) (Land Rover, Jaguar)	1	99-Up	P98740-3	N.L.
	CASES & HOUSINGS				
750J	Bell Housing (12 Bolt) (Cast PRO43) (Land Rover)	1	02-Up	98750	N.L.
750J	Bell Housing (21 Bolt) (Cast JP JC7 091) (VW)	1	00-Up	98750B	N.L.
750J	Bell Housing (22 Bolt) (Cast PM2) (Mazda)	1	02-Up	98750A	N.L.
750J	Bell Housing (23 Bolt) (Cast PLO42) (Jaguar)	1	99-Up	98750C	N.L.
759I	Cover, Rear (Cast PRO) (Land Rover, Mazda, Jaguar)	1	99-Up	98759	N.L.
759I	Cover, Rear (Cast PWO) (VW)	1	00-Up	98759A	N.L.
760I	Case (21 Bolt) (No Top Vent) (VW)	1	00-Up	98760B	N.L.
760I	Case (21 Bolt) (Top Vent) (Land Rover)	1	02-Up	98760	N.L.
760I	Case (22 Bolt) (Top Vent) (Mazda)	1	02-Up	98760A	N.L.
760I	Case (23 Bolt) (No Top Vent) (Jaguar)	1	99-Up	98760C	N.L.
766J	Pan, Side (2 Stud) (Land Rover)	1	02-Up	98766	N.L.
766J	Pan, Side (3 Stud) (Jaguar)	1	99-Up	98766C	N.L.
766J	Pan, Side (4 Stud) (VW)	1	00 -Up	98766B	N.L.
766J	Pan, Side (No Stud) (Mazda)	1	02-Up	98766A	N.L.
	MISCELLANEOUS COMPONENTS				
N.I.	Servo Assembly, Reduction (Land Rover)	1	02-Up	98905	N.L.
N.I.	Servo Assembly, Reduction (Mazda, Jaguar)	1	99-Up	98905A	N.L.
N.I.	Servo Assembly, Reduction (VW)	1	00-Up	98905B	N.L.
N.I.	Cover, Rear (Bolt On) (VW)	1	00-Up	98909A	N.L.
N.I.	Cover, Servo (Land Rover, Mazda, Jaguar)	1	99-Up	98909	N.L.

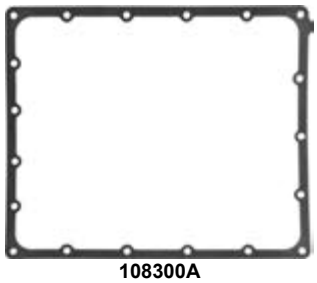
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
N.I.	Accumulator Assembly, Low	1	99-Up	98925	N.L.
N.I.	Accumulator Assembly, 2-4	1	99-Up	98930	N.L.
N.I.	Accumulator Assembly, High	1	99-Up	98935	N.L.
N.I.	Accumulator Assembly, Low/ Reverse	1	99-Up	98945	N.L.
961EK	Piston Kit, Reverse & High Clutch	1	99-Up	98961AK	FP03-19-480
961E	Piston, High Clutch	1	99-Up	98961A	N.L.
965E	Retainer, High Clutch	1	99-Up	98965	FP01-19-2A1
966E	Piston, Reverse Clutch	1	99-Up	98966B	FP03-19-480
985E	Piston, High Clutch Balance Retainer (Bonded)	1	99-Up	98985	N.L.

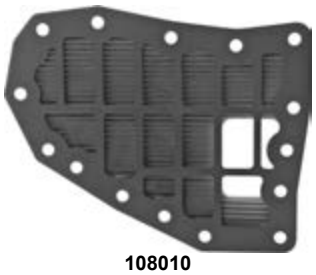
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Neutral Valve Kit, O.S. (T-F-122892-RM13 & T-VB-FIX req)	N.I.	N.I.	S98741H-1K	122892-13K
Vol 9	Pressure Regulator Valve Kit O.S. (T-F-122892-TL3 & T-VB-FIX req)	N.I.	N.I.	S98741PK	122892-03K
Vol 9	TC Pressure Regulator Valve & Sleeve Kit (F-122892-TL10 & T-VB-FIX req)	N.I.	N.I.	S98741QCK	122892-10K
Vol 9	TCC Control Plunger & Sleeve Kit	N.I.	N.I.	S98741Q	122892-01K
Vol 9	TCC Control Valve & Plunger Kit	N.I.	N.I.	S98741QK	122892-06K

Notes

JR405E, RC4A-EL


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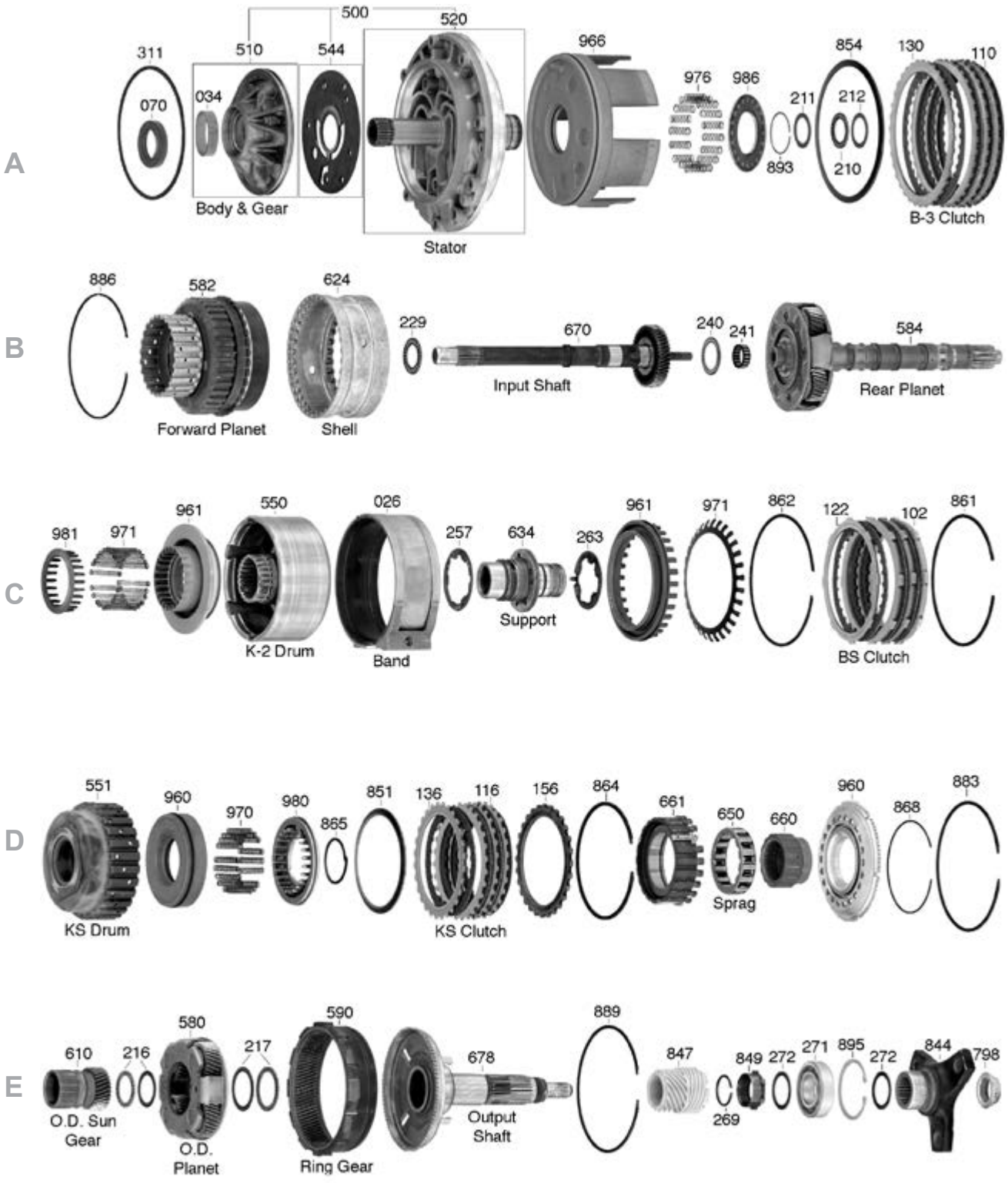

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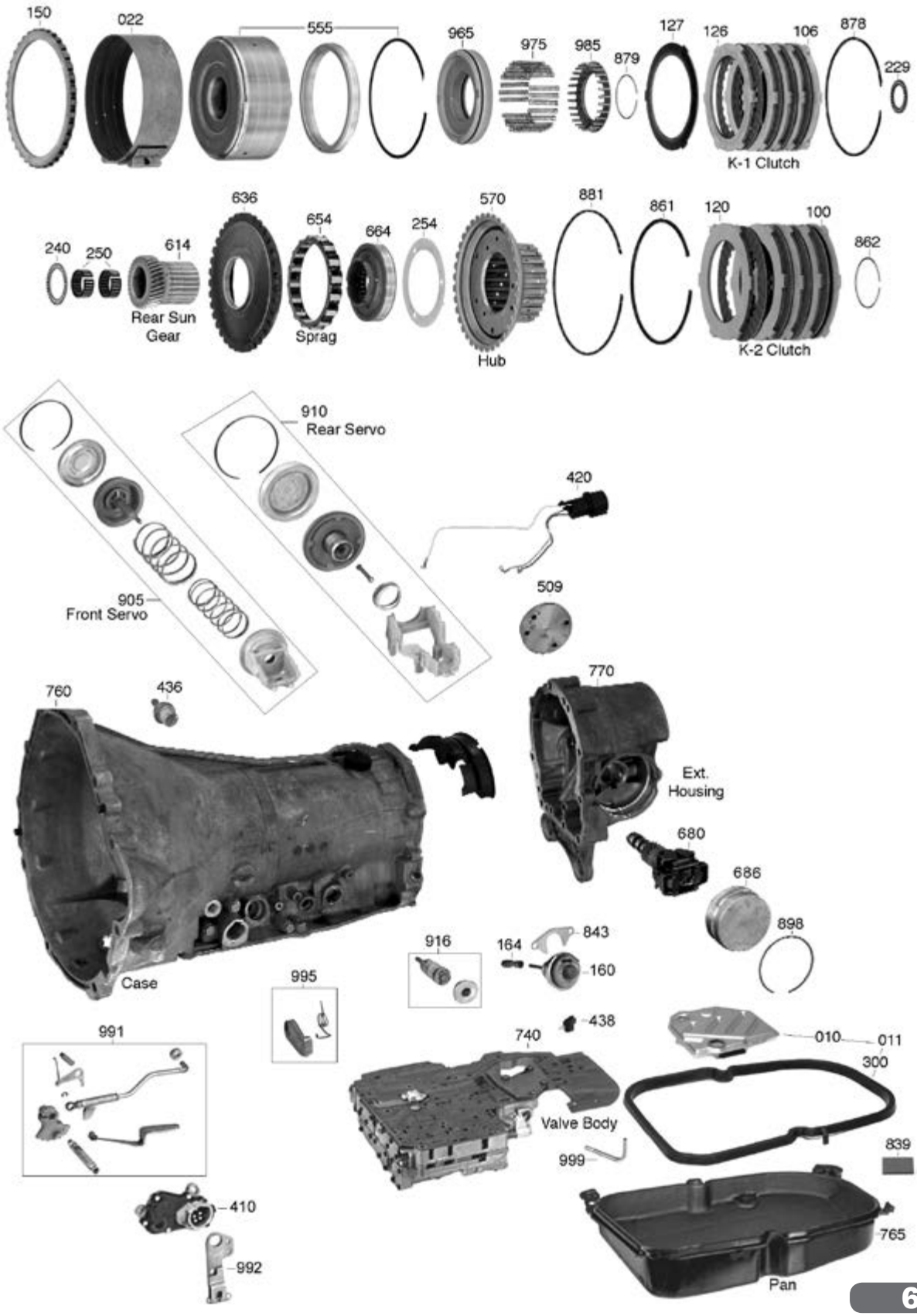
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	RC4A-EL (USA Mazda RX8) (w/ Pistons*)	1	04-05	108006P	N.L.
006	JR405E (Non USA Isuzu) (w/ Pistons*)	1	04-Up	108006AP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 108004N				
	LESS STEEL KITS				
004	RC4A-EL (USA Mazda RX8) (w/ Pistons*)	1	04-05	108004P	N.L.
004	JR405E (Non USA Isuzu) (w/ Pistons*)	1	04-Up	108004AP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 108004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	RC4A-EL, JR405E(w/ Pistons)	1	04-Up	108002P	N.L.
002	RC4A-EL, JR405E(w/out Pistons)	1	04-Up	108002N	N.L.
	FILTERS				
010	RC4A-EL, JR405E	1	04-Up	108010	N.L.
	METAL CLAD SEALS				
070	Pump	1	04-Up	108070	N.L.
074	Rear, RC4A-EL (USA Mazda RX8)	1	04-05	53074C	M502-17-335A
074	Rear, JR405E (2wd) (Non USA)	1	04-Up	108074	31375-UK001
	FRICTION PLATES				
104	2-4	4	04-Up	23104	31532-AA220
106	High	4-6	04-Up	108106	N.L.
108	Low	5-7	04-Up	23108	31532-AA170
110	Reverse	2	04-Up	108110	N.L.
114	Low/ Reverse	4-6	04-Up	23114A	31662-AA060
	STEEL PLATES				
124	2-4 (RC4A-EL) (.071”)	8	04-05	108124	N.L.
124	2-4 (JR405E) (.142”)	4	04-Up	108124A	N.L.
126	High (.079”)	4-6	04-Up	108126	N.L.
126	High (.114”)	4-6	04-Up	108126A	N.L.
128	Low (RC4A-EL) (.079”)	5	04-05	108128	N.L.
128	Low (JR405E Non USA) (.055”)	7	04-Up	23128	N.L.
130	Reverse	2	04-Up	108130	N.L.
134	Low/ Reverse	4-6	04-Up	108134	N.L.
	GASKETS & O-RINGS				
300	Pan Gasket, RC4A-EL (USA)	1	04-05	108300	N.L.
300	Pan Gasket, JR405E (Non USA)	1	04-Up	108300A	N.L.
	TECHNICAL MANUALS				
400	Technical Diagnostic Guide	1	04-Up	108400A	RC4A-EL
	MISCELLANEOUS COMPONENTS				
984	Piston, Low Clutch Balance	1	04-Up	108984	BW02-19-6S3
985	Piston, High Clutch Balance	1	04-Up	108985	BW01-19-6S3

Notes

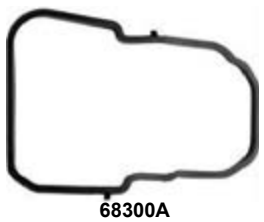
722.3, 722.4, 722.5



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127
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K-1 Clutch
240
250
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Rear Sun Gear
636
654
Sprag
664
254
570
Hub
881
861
120
100
862
K-2 Clutch
910
Rear Servo
420
905
Front Servo
509
760
436
770
Ext. Housing
680
686
898
916
164
843
160
995
991
740
438
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Valve Body
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410
992
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Pan

722.3, 722.4, 722.5


68300A


68300B

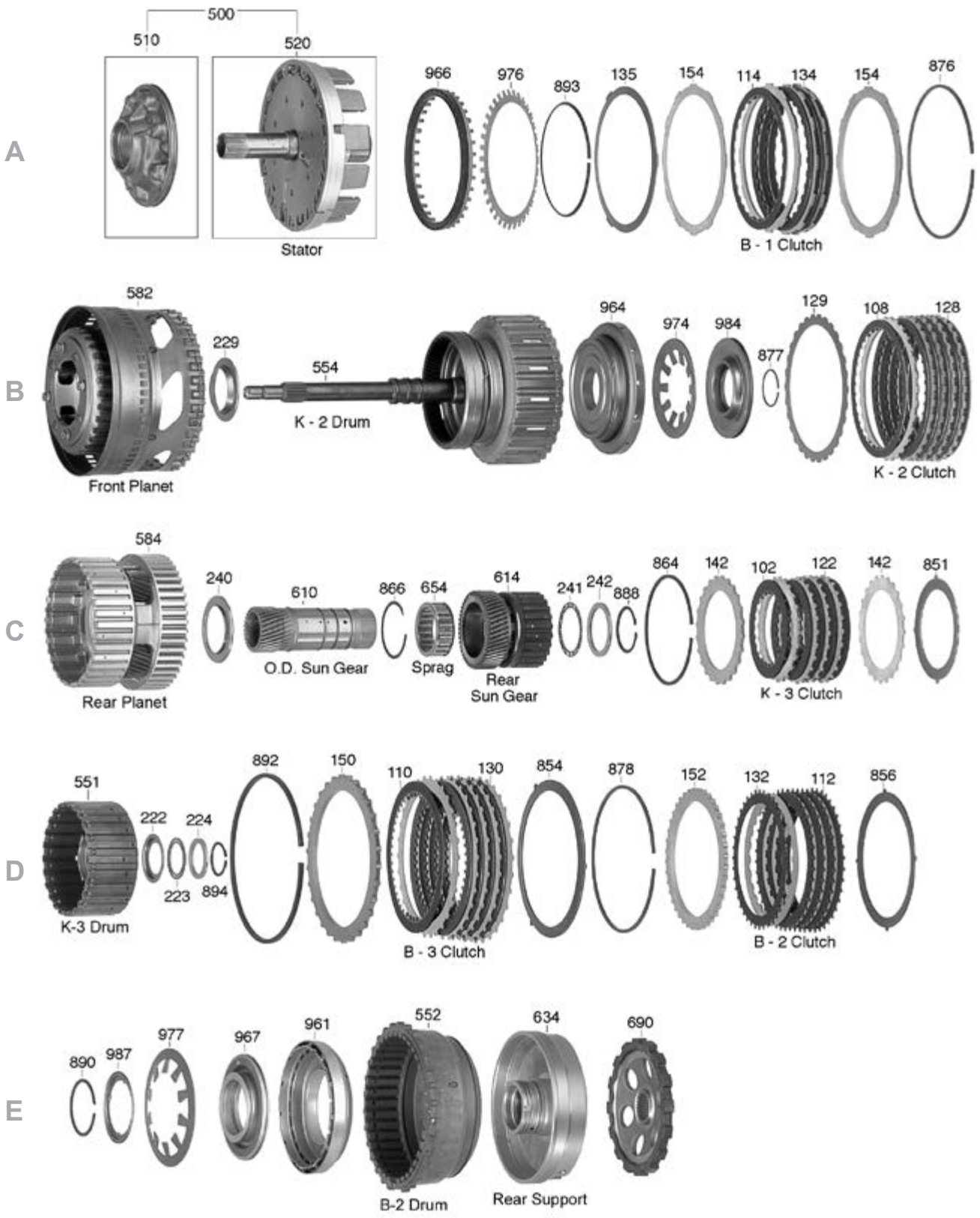

68010A


68010C

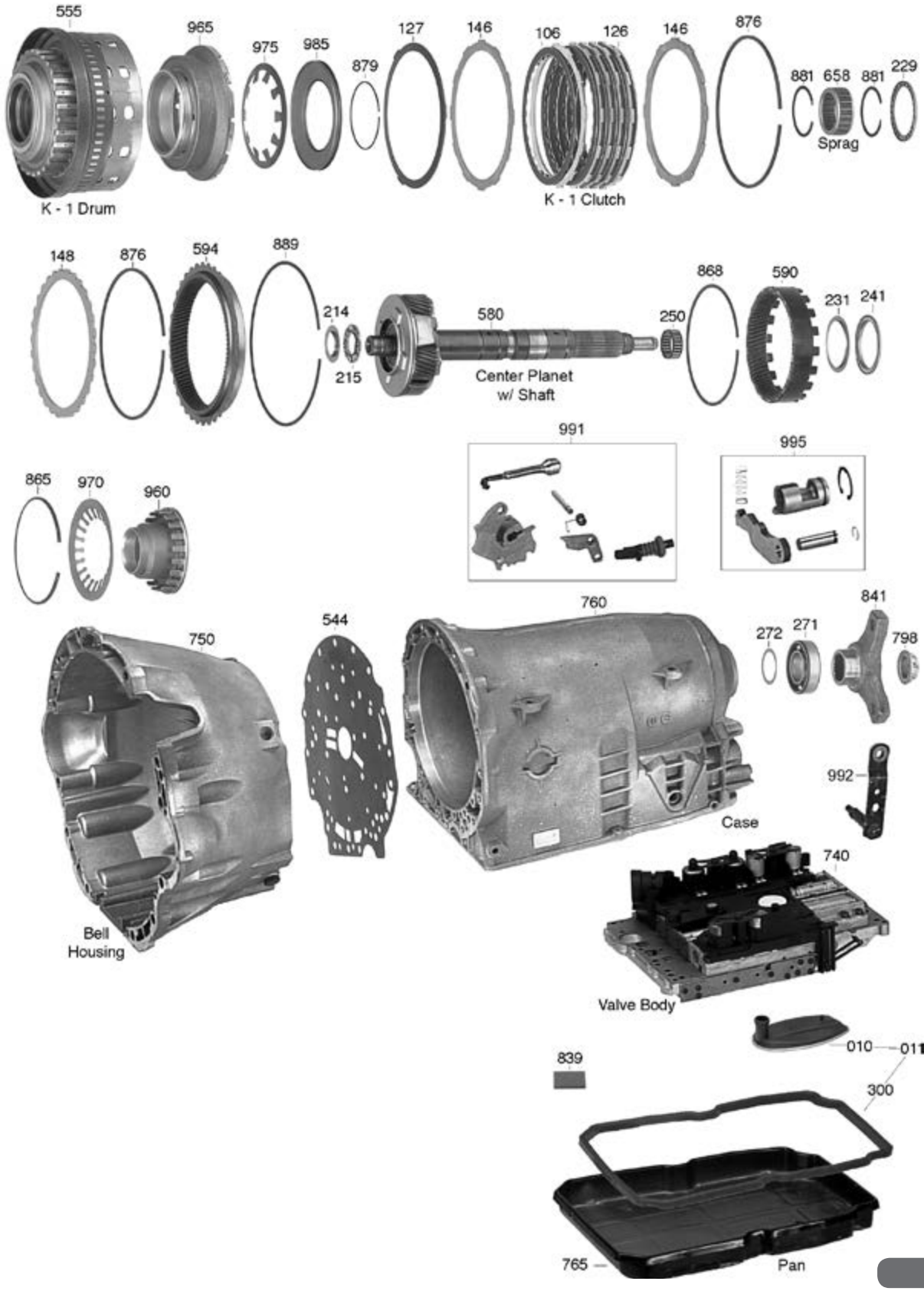
ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	722.3 (380 Series) (W4A040)	1	81-95	68006B	N.L.
006	722.4 (190 Series) (W4A020)	1	84-95	68006A	N.L.
LESS STEEL KITS					
004	722.3 (380 Series) (W4A040)	1	81-95	68004B	N.L.
004	722.4 (190 Series) (W4A020)	1	84-95	68004A	N.L.
004	722.5	1	90-95	68004C	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	722.3 (380 Series) (W4A040)	1	81-95	68002B	N.L.
002	722.4 (190 Series) (W4A020)	1	84-95	68002A	N.L.
002	722.5	1	90-95	68002C	N.L.
FILTER KITS					
011	722.3	1	81-95	68011B	N.L.
011	722.4	1	84-95	68011A	N.L.
FILTERS					
010K	722.3, 722.4	1	81-95	68010A	126-277-0295
010K	722.5 (w/Baffle)	1	90-95	68010C	129-277-0195
BANDS					
022F	Front Semi Flex (722.3, 722.5)	1	81-95	68022B	126-270-1862
022F	Front Semi Flex (722.4)	1	84-95	68022A	124-270-0062
026C	Rear (Split) (722.3, 722.5)	1	81-95	68026B	126-270-2062
026C	Rear (Split) (722.4)	1	84-95	68026A	201-270-1062
BUSHINGS					
034A	Pump Body (722.3, 722.5)	1	81-95	68034B	N.L.
METAL CLAD SEALS					
070A	Front (722.3, 722.5)	1	81-95	68070B	010-997-4947
070A	Front (722.4)	1	84-95	68070A	010-997-4547
072	Shift Lever Shaft	1	81-95	68072B	006-997-0147
074	Rear	1	81-95	68074A	012-997-8747
078	Speedo Gear	1	81-95	68078	008-997-9047
FRICTION PLATES					
110A	B3 (Reverse) (36T) (722.3, 722.5)	4-5	83-95	68110B	126-272-0925
110A	B3 (Reverse) (30T) (722.4)	3-5	83-95	68110A	201-272-0025
102C	BS (Overdrive) (28T) (722.5)	4	91-95	68102C	124-272-0025
106F	K1 (Front) (24T) (722.3, 722.5)	4-5	81-95	68106B	126-272-0625
106F	K1 (Front) (40T) (722.4)	3-5	83-95	68106A	123-272-0225
100G	K2 (Rear) (24T) (722.3, 722.5)	4-5	81-95	68100B	126-272-0725
100G	K2 (Rear) (36T) (722.4)	3-5	83-95	68100A	123-272-0125
116D	KS (Overrun) (22T) (722.5)	4	91-95	68116C	124-272-0125

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
130A	B3 (Reverse) (2.3mm) (722.3, 722.5)	AR	81-95	68130B	126-272-6726
130A	B3 (Reverse) (2.8mm) (722.3, 722.5)	AR	81-95	68130BA	126-272-6826
130A	B3 (Reverse) (2.5mm) (722.4)	AR	84-95	68130	201-272-2526
130A	B3 (Reverse) (3.0mm) (722.4)	AR	84-95	68130A	201-272-2126
130A	B3 (Reverse) (3.5mm) (722.4)	AR	84-95	68130AA	201-272-2226
122C	BS (Overdrive) (2.5mm) (722.5)	AR	90-95	68122C	129-272-0126
126F	K1 (Front) (2.0mm) (722.3, 722.5)	AR	81-95	68120B	126-272-4926
126F	K1 (Front) (3.5mm) (722.3, 722.5)	AR	81-95	68120BA	126-272-5026
126F	K1 (Front) (4.5mm) (722.3, 722.5)	AR	81-95	68120BC	126-272-3226
126F	K1 (Front) (5.0mm) (722.3, 722.5)	AR	81-95	68120BD	126-272-3526
126F	K1 (Front) (2.0mm) (722.4)	AR	84-95	68120AA	201-272-0726
126F	K1 (Front) (3.0mm) (722.4)	AR	84-95	68120A	201-272-0826
126F	K1 (Front) (3.5mm) (722.4)	AR	84-95	68120AB	201-272-0926
126F	K1 (Front) (4.0mm) (722.4)	AR	84-95	68120AC	201-272-1026
120G	K2 (Rear) (2.0mm) (722.3, 722.5)	AR	81-95	68126BA	126-272-4826
120G	K2 (Rear) (3.0mm) (722.3, 722.5)	AR	81-95	68126B	126-272-0926
120G	K2 (Rear) (3.5mm) (722.3, 722.5)	AR	81-95	68126BB	126-272-4826
120G	K2 (Rear) (5.0mm) (722.3, 722.5)	AR	81-95	68126BE	126-272-3526
120G	K2 (Rear) (2.0mm) (722.4)	AR	84-95	68126AB	201-272-0126
120G	K2 (Rear) (3.5mm) (722.4)	AR	84-95	68126A	201-272-0326
120G	K2 (Rear) (4.0mm) (722.4)	AR	84-95	68126AC	201-272-0426
136D	KS (Overrun) (2.0mm) (722.5)	AR	91-95	68136C	124-272-0226
	MODULATORS				
160J	Black Top (Push In)	1	81-95	68160AE	126-270-4379
160J	Black Top Kit w/ 3rd Design Plunger (Push In)	1	81-95	68160AEK	126-270-9179
160J	Brown Top (Push In)	1	81-95	68160AD	126-270-2779
160J	Brown Top Kit w/ 3rd Design Plunger (Push In)	1	81-95	68160ADK	126-270-9379
160J	Green Top (Push In)	1	81-95	68160AC	126-270-2679
160J	Green Top Kit w/ 3rd Design Plunger (Push In)	1	81-95	68160ACK	126-270-9279
160J	Red Top (Push In)	1	81-95	68160AB	126-270-2579
160J	Red Top Kit w/ 3rd Design Plunger (Push In)	1	81-95	68160ABK	126-270-9079
164J	Plunger, Under Modulator Valve (2nd Design)	1	81-95	68164A	126-277-9375
	VALVE BODY RECALIBRATION KITS				
165	Valve Body Kit (Diesel) (722.3, 722.4) (Superior)	1	81-90	S68165D	K722A-D
165	Valve Body Kit (Gas) (722.3, 722.4) (Superior)	1	81-95	S68165G	K722A-G
	SEALING RINGS				
175H	Ring Kit, Accumulator Rings Only (722.3, 722.4, 722.5)	1	81-95	68175BA	126-270-0635
	GASKETS & O-RINGS				
300K	Gasket, Bottom Pan (722.3, 722.5)	1	81-95	68300B	126-271-1080
300K	Gasket, Bottom Pan (722.4)	1	84-95	68300A	123-271-0280
310A	Gasket, Pump (722.3)	1	81-95	68310B	N.L.
311A	O-Ring, Pump (722.3, 722.5)	1	81-95	68311B	016-997-1448
320	Gasket, Valve Body (722.3) (126-277-14-80)	1	81-95	68320B	126-277-1480
320	Gasket, Valve Body (722.3) (126-277-10-80)	1	82-95	68320BA	126-277-1080
320	Gasket, Valve Body (722.4) (201-277-02-80) 190 Series - 400/403 Early	1	84-85	68320A	201-277-0280
320	Gasket, Valve Body (722.4) (201-277-00-80) 190 Series	1	84-95	68320AA	201-277-0080
320	Gasket, Valve Body (722.4) (124-277-04-80) 190 Series	1	87-95	68320AB	124-277-0480
	TECHNICAL MANUALS				
400K	Tech Manual (722.3, 722.4)	1	81-95	68400A	722.3/.4
400K	Tech Manual (722.5)	1	90-95	68400C	MERC 722.5
	MISCELLANEOUS COMPONENTS				
500	Pump (1.535” OD) (722.3)	1	81-95	68500B	N.L.
529	Stator Shaft (722.4)	1	84-95	68529A	N.L.
550C	4th Clutch Drum (K-2) (Stamped Steel) (Uses Washer # 257) (722.3)	1	81-95	68550B	N.L.
550C	Clutch Drum Repair Kit (4th Clutch) (K-2) (722.3)	1	81-95	68550BRK	N.L.
580E	Planet, Overdrive (4 Gear) (722.3)	1	81-95	68580	1292700243
680J	Governor (722.3)	1	81-95	68680B	N.L.
680J	Governor (722.4)	1	84-95	68680A	N.L.

722.6, NAG1

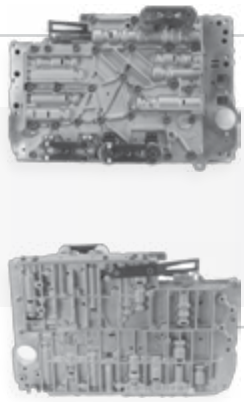


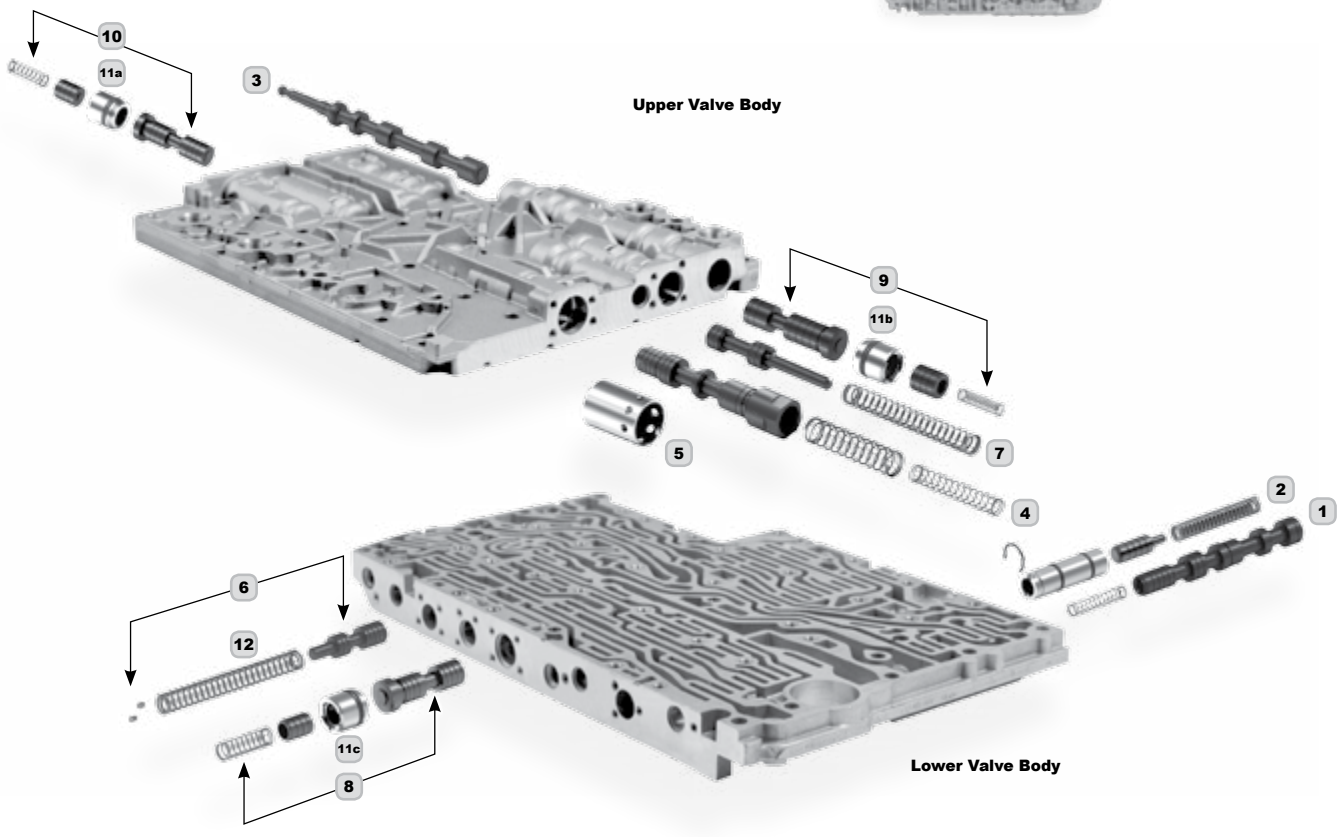
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Sprag
K - 1 Drum
K - 1 Clutch
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889
214
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Center Planet
w/ Shaft
250
868
590
231
241
991
995
865
970
960
750
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Case
Bell
Housing
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Valve Body
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Pan

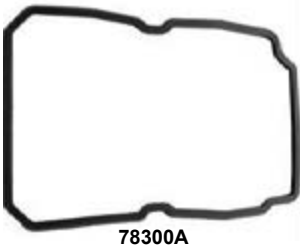
VALVE BODY
GUIDE

	Part	Year	Trans.	
A	P78740-6	03-Up	NAGI	5-speed 722.6





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78300A


78010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	w/ Pistons* (Double Sided B1, K1, K3 Frictions) (5.25" ID K2 Frictions)	1	96-Up	78006P	N.L.
006	w/ Pistons* (Double Sided B1, K1, K3 Frictions) (5.45" ID K2 Frictions)	1	96-Up	78006AP	N.L.
006	w/ Pistons* (Single Sided B1, K1, K3 Frictions) (5.25" ID K2 Frictions)	1	02-Up	78006CP	N.L.
006	w/ Pistons* (Single Sided B1, K1, K3 Frictions) (5.45" ID K2 Frictions)	1	02-Up	78006DP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 78004N				
	LESS STEEL KITS				
004	w/ Pistons* (Double Sided B1, K1, K3 Frictions) (5.25" ID K2 Frictions)	1	96-Up	78004P	N.L.
004	w/ Pistons* (Double Sided B1, K1, K3 Frictions) (5.45" ID K2 Frictions)	1	96-Up	78004AP	N.L.
004	w/ Pistons* (Single Sided B1, K1, K3 Frictions) (5.25" ID K2 Frictions)	1	02-Up	78004CP	N.L.
004	w/ Pistons* (Single Sided B1, K1, K3 Frictions) (5.45" ID K2 Frictions)	1	02-Up	78004DP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 78004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	722.6 (w/out Pistons**)	1	96-Up	78002N	140-270-6500
	(**) For Kits w/ Pistons, replace the N with a P - for example 78002P				
	FILTER KITS				
011	Filter Kit	1	96-Up	78011A	N.L.
	FILTERS				
010K	Filter	1	96-Up	78010A	140-277-0095
	BUSHINGS				
030	Bushing Kit (Drum & Output Shaft) (Upgraded)	1	96-Up	78030B	N.L.
034	Front Pump Body	1	96-Up	78034	68004-01
037	Stator (Rear)	1	96-Up	78037	68915-01
047	Input Shaft	1	96-Up	78047	68410-01
	METAL CLAD SEALS				
070	Front Pump	1	96-Up	68070B	010-997-4947
074	Rear (2wd)	1	96-Up	78074	N.L.
074	Rear (4wd)	1	96-Up	78074A	210-997-0746
	FRICTION PLATES				
114A	B1 Clutch (Two Sided Friction)	2-4	96-Up	78114	140-272-0025
114A	B1 Clutch (One Sided Friction w/ Internal Teeth)	2-4	02-Up	78114C	N.L.
134A	B1 Clutch (One Sided Friction w/ External Teeth)	2-4	02-Up	78134C	N.L.
112D	B2 Clutch (External Teeth)	4-5	96-Up	78112	140-272-0026
110D	B3 Clutch	3-5	96-Up	78110	140-272-0626
106F	K1 Clutch	3-6	96-Up	78114	140-272-0025
106F	K1 Clutch (One Sided Friction w/ Internal Teeth)	3-6	02-Up	78114C	N.L.
126F	K1 Clutch (One Sided Friction w/ External Teeth)	3-6	02-Up	78134C	N.L.
108B	K2 Clutch (5.25" ID) (Measure Tip of Tooth to Tip of Tooth)	3-4	96-Up	78108	210-272-0025
108B	K2 Clutch (5.45" ID) (Measure Tip of Tooth to Tip of Tooth)	5-6	96-Up	78108A	140-272-0125
102C	K3 Clutch (.063") (Two Sided Frictions)	3-5	96-97	78102A	140-272-0225
102C	K3 Clutch (.085") (replaces .063" frictions if 78122A Steels are used also)	4-5	96-Up	78102	140-272-0725
102C	K3 Clutch (One Sided Friction w/ Internal Teeth)	4-5	02-Up	78102B	N.L.
122C	K3 Clutch (One Sided Friction w/ External Teeth)	4-5	02-Up	78122B	N.L.
N.I.	Friction Module, 722.6 Light Duty (5.250" ID K2 Frictions)	1	02-Up	78119C	N.L.
N.I.	Friction Module, 722.6 Heavy Duty (5.450" ID K2 Frictions)	1	96-01	78119A	N.L.
N.I.	Friction Module, 722.6 Heavy Duty (5.450" ID K2 Frictions)	1	02-Up	78119D	N.L.

722.6, NAG1

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
134A	B1 Clutch (.071")	1	96-Up	78134	140-272-0226
134A	B1 Clutch (.110")	3-5	96-Up	78134B	140-272-2826
134A	B1 Clutch (.138")	2-3	96-Up	78134A	140-272-0326
134A	B1 Clutch (.157")	1-2	96-Up	78134D	140-272-0426
132D	B2 Clutch (Internal Teeth)	3-4	96-Up	78132	140-272-0425
130D	B3 Clutch	3-5	96-Up	78130	140-272-1826
126F	K1 Clutch (.071")	1	96-Up	78134	140-272-0226
126F	K1 Clutch (.110")	3-5	96-Up	78134B	140-272-2826
126F	K1 Clutch (.138")	3-5	96-Up	78134A	140-272-0326
126F	K1 Clutch (.157")	1-2	96-Up	78134D	140-272-0426
128B	K2 Clutch (.071")	1	96-Up	78128	140-272-0626
128B	K2 Clutch (.110")	2-5	96-Up	78128B	140-272-2926
128B	K2 Clutch (.138")	2-5	96-Up	78128A	140-272-0726
122C	K3 Clutch (.071")	1	96-Up	78122	140-272-1026
122C	K3 Clutch (.110")	3-4	96-Up	78122A	140-272-2726
122C	K3 Clutch (.138")	3-4	96-97	78122C	140-272-1126
	PRESSURE PLATES				
146F	K1 (12T) (.156")	1	96-Up	78154	N.L.
150D	B3 (Top) (30T) (.255")	1	96-Up	78150	N.L.
152D	B2 (40T) (.255")	1	96-Up	78152	N.L.
154A	B1 (12T) (.156")	1	96-Up	78154	N.L.
	VALVE BODY RECALIBRATION KITS				
146F	Shift Kit®, 722.6 (Transgo®)	1	96-Up	T78165	SK® 722.6
	BEARINGS & RACES				
211	Bearing, Input Shaft w/ Sealing Ring	1	96-Up	78211K	68410-02K
232	Shim Kit, End Play Adjustment (Superior)	1	96-Up	78232K	K090
	GASKETS & O-RINGS				
300K	Bottom Pan (Molded Rubber)	1	96-Up	78300A	140-271-0080
311	O-Ring, Pump	1	96-Up	68311B	016-997-1448
371	Seal, Filler Tube	1	96-Up	72371	4810021AB
544I	Gasket, Pump Plate (Fits between Bell and Case) (Latex Coated Plate Gasket)	1	96-Up	78544	140-277-4214
	TECHNICAL MANUALS				
400K	Tech Manual & Video (Updates & Diagnostics) (ATSG)	1	96-Up	78400	722.6 w/video
400K	Rebuild Procedures (ATSG)	1	96-Up	78400A	722.6
	ELECTRICAL COMPONENTS				
420	Solenoid, Shift (2 O-Rings) (140-277-05-35 Marking)	3	96-Up	78421	140-277-0535
425	Solenoid, Lock-Up (TCC) / PWM (1 O-Ring) (140-277-04-35 Marking)	1	96-Up	78425	140-277-0435
431	Solenoid, Line & Shift Pressure (No O-Rings) (Brown Top)	2	96-Up	78431	140-277-0398
431	Solenoid, Line & Shift Pressure (No O-Rings) (Blue Top) (Elevated Pressure)	2	96-Up	78431A	240-270-0089
444	Solenoid Connector Plate (Round Dip Stick Guide)	1	96-Up	78444	68049181AA
444	Solenoid Connector Plate (U-Shaped Dip Stick Guide)	1	05-Up	78444A	52108308AC
444	Case Connector to Harness Sleeve	1	96-Up	78444B	05120265AA
444	Case Connector to Connector Plate	1	96-Up	78444C	203-540-0253
444	Harness Sleeve Cap	1	96-Up	78444D	001-545-2683
448	Lever, Parking Release (Electronically Engages & Disengages Park)	1	96-Up	78448	1402701365
	PUMPS				
510A	Pump Body w/ Gears (Bushing Style)	1	96-Up	78510	05080070AA
510A	Pump Body w/ Gears (Bearing Style)	1	96-Up	78510A	05080070AB
520A	Stator (2 Double Sided Clutches) (Mercedes)	1	96-Up	78520	N.L.
520A	Stator (3 Double Sided Clutches) (Mercedes)	1	96-Up	78520A	N.L.
520A	Stator (4 Double Sided Clutches) (Mercedes)	1	96-Up	78520B	N.L.
520A	Stator (3 Single Sided Clutches) (Chrysler)	1	04-Up	78520C	52108539AC
542	Plate, Pump Body (Fits in Bell Housing Pump Pocket)	1	96-Up	78542	N.L.
544I	Gasket, Pump Plate (Fits between Bell and Case) (Latex Coated Plate Gasket)	1	96-Up	78544	140-277-4214

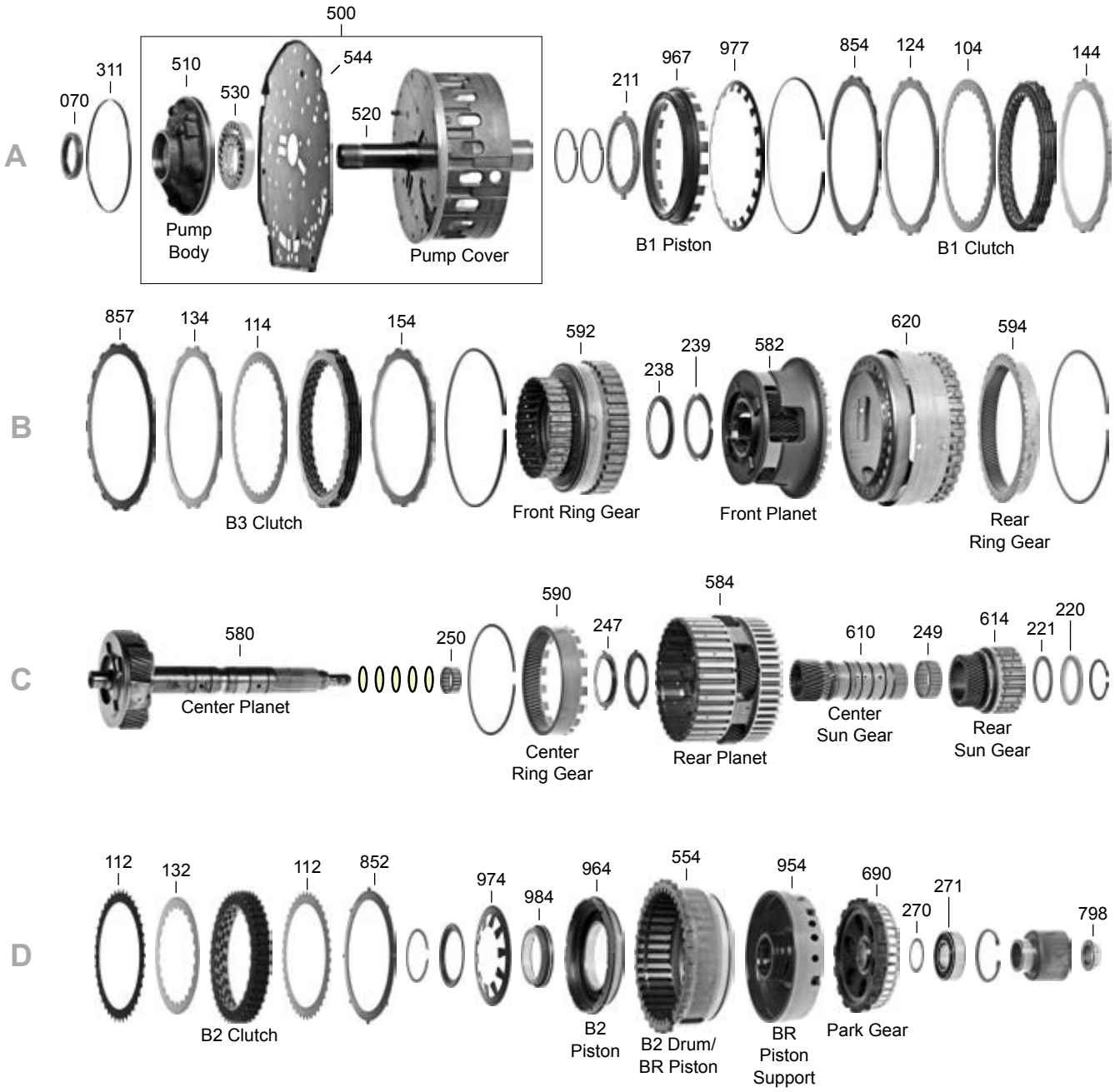
ILL.		QTY.	YEAR	PART No.	REF. No.
DRUMS & CLUTCH HUBS					
551D	K3 (3 Clutch)	1	96-Up	78551	N.L.
551D	K3 (4 Clutch) (Exc Magnum)	1	04-Up	78551A	52108548AA
551D	K3 (4 Clutch) (Magnum Only)	1	04-Up	78551B	52108548AB
552E	B2 (3.200" Thick) (Cast 2102721931)	1	04-Up	78552A	52108395AA
552E	B2 (3.500" Thick) (Cast 2022720431)	1	96-Up	78552	N.L.
554B	K2 (78T Ring Gear) (Bushing Type)	1	96-Up	78554B	N.L.
554B	K2 (78T Ring Gear) (Caged Needle Bearing Type)	1	04-Up	78554C	52108044AA
554B	K2 (90T Ring Gear) (Bushing Type)	1	96-Up	78554	N.L.
554B	K2 (90T Ring Gear) (Caged Needle Bearing Type)	1	96-Up	78554A	N.L.
555F	K1 (3 Clutch)	1	96-Up	78555	N.L.
555F	K1 (5 Clutch) (Exc Sprinter)	1	04-Up	78555A	52108510AC
555F	K1 (5 Clutch) (Sprinter Only)	1	03-Up	78555C	52108510AA
560	K2 Piston Kit (1.495" Thick Piston)	1	04-Up	78560A	N.L.
560	K2 Piston Kit (1.775" Thick Piston)	1	96-Up	78560	N.L.
561	K3 Piston Kit	1	96-Up	78561	N.L.
562	B2 Piston Kit	1	03-Up	78562	N.L.
565	K1 Piston Kit	1	03-Up	78565	N.L.
PLANETS					
580G	Planet w/ Shaft, Center (34T Sprag) (Mercedes)	1	96-Up	78580	N.L.
580G	Planet w/ Shaft, Center (30T Sprag) (Chrysler)	1	04-Up	78580A	52107929AA
582B	Planet, Front (3 Gear) (Mercedes)	1	96-Up	78582	N.L.
582B	Planet, Front (4 Gear) (Chrysler)	1	04-Up	78582A	52108513AA
583	Geartrain (30T / 50T Sun Gears) (Mercedes)	1	96-Up	78583	N.L.
583	Geartrain (34T / 54T Sun Gears) (Mercedes)	1	96-Up	78583A	N.L.
583	Geartrain (30T / 60T Sun Gears) (Chrysler)	1	04-Up	78583B	N.L.
583	Geartrain (34T / 65T Sun Gears) (Chrysler)	1	04-Up	78583C	N.L.
584C	Planet, Rear (3 Gear) (54T Sun Gear Type) (4.025" Tall) (Mercedes)	1	96-Up	78584	N.L.
584C	Planet, Rear (3 Gear) (50T Sun Gear Type) (4.290" Tall) (Mercedes)	1	96-Up	78584B	N.L.
584C	Planet, Rear (3 Gear) (65T Sun Gear Type) (4.025" Tall) (Mercedes)	1	96-Up	78584C	N.L.
584C	Planet, Rear (4 Gear) (60T Sun Gear Type) (Chrysler)	1	04-Up	78584A	52108513AA
590G	Ring Gear, Center (69T) (Mercedes)	1	96-Up	78590	N.L.
590G	Ring Gear, Center (74T) (Chrysler)	1	04-Up	78590A	52108379AA
594G	Ring Gear, Rear (87T) (Mercedes)	1	96-Up	78594	N.L.
594G	Ring Gear, Rear (90T) (Mercedes)	1	96-Up	78594A	N.L.
594G	Ring Gear, Rear (108T) (Mercedes)	1	04-Up	78594B	52107922AA
594G	Ring Gear, Rear (103T) (Chrysler)	1	04-Up	78594C	52107922AA
SUN GEARS, SHELLS & SUPPORTS					
610C	Sun Gear, Center (34T) (Mercedes)	1	96-Up	78610	N.L.
610C	Sun Gear, Center (30T) (Chrysler)	1	04-Up	78610A	52108078AA
614C	Sun Gear, Rear (54T) (Mercedes)	1	96-Up	78614	N.L.
614C	Sun Gear, Rear (50T) (Mercedes)	1	96-Up	78614A	N.L.
614C	Sun Gear, Rear (60T) (Chrysler exc Dodge Magnum)	1	04-Up	78614B	52108519AA
614C	Sun Gear, Rear (65T) (Dodge Magnum)	1	04-Up	78614C	N.L.
634E	Support, B2 / Rear	1	96-Up	78634	52108182AA
ONE WAY CLUTCHES					
654C	Sprag, Rear (F2) (1 End Cap, 20 Element) (Replaces 14 Element)	1	96-Up	78654A	220-270-0131
658F	Sprag, Front (F1) (2 End Caps, 21.46mm ID)	1	96-Up	78658	210-270-0031
658F	Sprag, Front (F1) (2 End Caps, 23.46mm ID)	1	06-Up	78658A	N.L.
VALVE BODIES					
740J	Valve Body (Premium) Stamped 0006 (Jaguar)	1	98-Up	P78740-1	N.L.
740J	Valve Body (Premium) Stamped 0206	1	96-97	P78740-2	N.L.
740J	Valve Body (Premium) Stamped 0506	1	96-97	P78740-3	N.L.
740J	Valve Body (Premium) Stamped 0406	1	96-00	P78740-4	N.L.
740J	Valve Body (Premium) Stamped 0606	1	00-Up	P78740-5	N.L.
740J	Valve Body (Premium) (NAG1 Chrysler Only)	1	03-Up	P78740-6	N.L.
740J	Valve Body (Cast 52108216AA)	1	04-Up	78740E	52108213AB
740J	Valve Body (Sprinter Only)	1	03-Up	78740F	05080262AA
741	Kit, Overlap Control Sleeves	1	96-Up	78741DK	68942-05K
741	Spring, Pressure Regulator (Does not fit 00-Up)	1	96-99	78741P-3	68942-01
741	Overlap Control Sleeve Kit	1	96-Up	78741DK	68942-05K
741	Lube Pressure Control Valve Kit (Sonnax) (req T-F-68942-TL14 & T-VB-FIX)	1	96-Up	S78741P-1K	68942-14K
741	Lube Pressure Regulator Repair Kit (Superior)	1	96-Up	78741HRK	K093
741	Valves (Refill for 78741HRK) (Superior)	1	96-Up	78741HRF	K094

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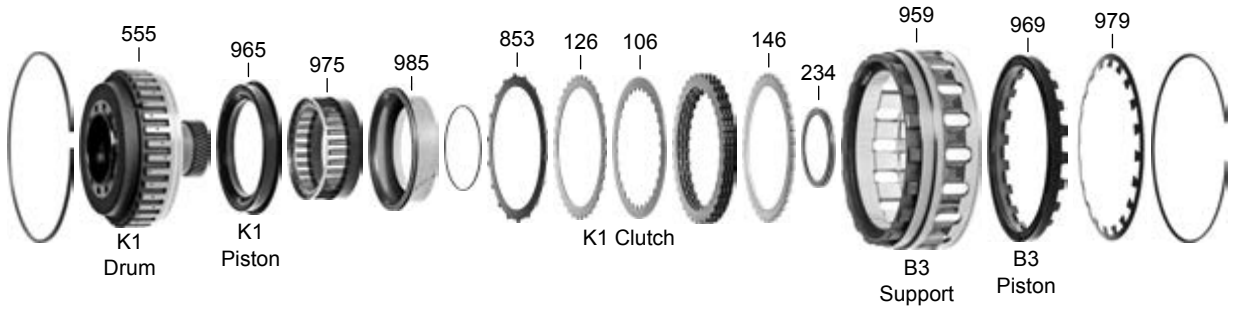
ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750I	Bell Housing, Square (4.625" Bolts) (Mercedes)	1	96-Up	78750	N.L.
750I	Bell Housing, Round (5.750" Bolts) (Mercedes)	1	96-Up	78750A	N.L.
750I	Bell Housing, Round (6.000" Bolts) (Mercedes)	1	96-Up	78750B	N.L.
750I	Bell Housing, Round (8.750" Bolts) (Chrysler)	1	04-Up	78750C	N.L.
760I	Case, 2wd (Sensor at Rear, Cast 140272801) (Mercedes)	1	96-Up	78760	N.L.
760I	Case, 2wd (Sensor at Rear, Cast 9012710001) (Mercedes)	1	96-Up	78760A	N.L.
760I	Case, 2wd (Cast 013AA-03 or 013AA-E) (Chrysler)	1	04-Up	78760C	N.L.
760I	Case, 4wd (12 Bolt Rear) (Chrysler)	1	04-Up	78760B	N.L.
765K	Pan (w/ Plug) (Mercedes)	1	96-Up	78765	N.L.
765K	Pan (w/o Plug) (Chrysler)	1	04-Up	78765A	52108327AA
765K	Pan (Sprinter)	1	03-Up	78765B	52108326AA
770	Extension Housing (12 Bolt) (Cast 52108571AA) (Chrysler)	1	04-Up	78770	N.L.
	MISCELLANEOUS COMPONENTS				
448	Lever, Parking Release (Electronically Engages & Disengages Park)	1	96-Up	78448	1402701365
690E	Park Gear (16 Lug)	1	96-Up	78690	52108180AA
798I	Nut, Output	1	96-Up	78798	52108234AA
841I	Yoke, Flanged (2wd)	1	96-Up	78841	N.L.
841I	Yoke, Sleeve (4wd) (Chrysler)	1	96-Up	78841A	N.L.
854D	Cushion, B3 (3T)	1	96-Up	78854	N.L.
856D	Cushion, B2 (4T)	1	96-Up	78856	N.L.
967E	Piston, B1 (.700" Tall) (Bonded)	1	96-01	78967	140-272-1631
967E	Piston, B1 (.880" Tall) (Bonded)	1	02-Up	78967A	220-272-0331
991H	Linkage, 7 Piece w/ Sensor (Mercedes)	1	96-Up	78991	N.L.
991H	Linkage, 4 Piece, No Sensor (Chrysler)	1	04-Up	78991A	N.L.
992	Shift Lever, Ext (Straight)	1	96-Up	78992	N.L.
992	Shift Lever, Ext (Offset)	1	04-Up	78992A	N.L.
998	Park Pawl Assembly (5 Pieces)	1	96-Up	78995	N.L.
Tool	Dipstick Fluid Measuring Tool (Chrysler C Class, LX, WK, Jeeps w/ NAG1)	1	96-Up	T-9336A	N.L.
Tool	Dipstick Fluid Measuring Tool (Chrysler Sprinter & Crossfire)	1	96-Up	T-9336B	N.L.
Tool	Dipstick Fluid Measuring Tool (Mercedes)	1	96-Up	T-9336C	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Bearing & Seal Kit (For K2 Clutch Drum)	N.I.	N.I.	78211K	68410-02K
Vol 9	Bushing, Input Shaft	N.I.	N.I.	78047	68410-01
Vol 9	Bushing, Pump	N.I.	N.I.	78034	68004-01
Vol 9	Bushing, Pump (Finish-in-place) (Machining Required)	N.I.	N.I.	S78034A	68004-02
Vol 9	Bushing, Rear Pump Stator	N.I.	N.I.	78037	68915-01
Vol 9	Lubricating Pressure Control Valve Kit (T-F-68942-TL14 & T-VB-FIX req)	N.I.	7	S78741P-1K	68942-14K
Vol 9	Manual Valve O.S. (T-F-68942-TL16 & T-VB-FIX req)	N.I.	3	S78741M	68942-16
Vol 9	Overlap Control Valve Sleeve Kit (3 Sleeves)	N.I.	11	78741DK	68942-05K
Vol 9	Overlap Control Valve Kit, 1-2, 4-5 (T-F-68942-TL19 & T-VB-FIX req)	N.I.	8	S78741D-1K	68942-19K
Vol 9	Overlap Control Sleeve, 1-2, 4-5	N.I.	11c	S78741A-2	68942-02
Vol 9	Overlap Control Valve Kit, 2-3 (T-F-68942-TL27 & T-VB-FIX req)	N.I.	9	S78741B-1K	68942-27K
Vol 9	Overlap Control Sleeve, 2-3	N.I.	11b	S78741B-2	68942-03
Vol 9	Overlap Control Valve Kit, 3-4 (T-F-68942-TL31 & T-VB-FIX req)	N.I.	10	S78741C-1K	68942-31K
Vol 9	Overlap Control Sleeve, 3-4	N.I.	11a	S78741C-2	68942-04
Vol 9	Pressure Reg Sleeve (Outer Bore Only) (T-F-68942-TL6 & T-VB-FIX req)	N.I.	5	S78741P-2	68942-06
Vol 9	Pressure Reg Valve Kit (T-F-68942-TL7 & T-VB-FIX req)	N.I.	4	S78741PK	68942-07K
Vol 9	Regulating Valve Press Control Valve O.S. (T-F-68942-TL14, T-VB-FIX req)	N.I.	6	78741P-1KA	68942-17K
Vol 9	Solenoid Pressure Regulator Spring	N.I.	12	S78741P-3	68942-01
Vol 9	TC Lock-Up Clutch Regulator Valve Kit O.S. (T-F-68942-TL10 & T-VB-FIX req)	N.I.	1	S78741QK	68942-10K
Vol 9	TCC Damper Valve & Sleeve Kit	N.I.	2	S78741QAK	68942-23K

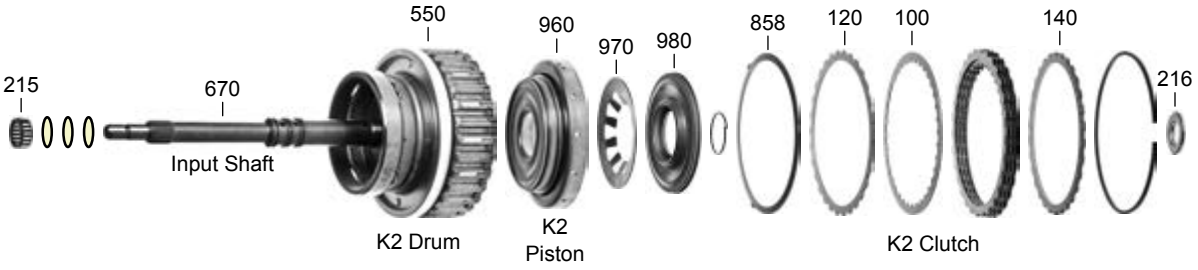
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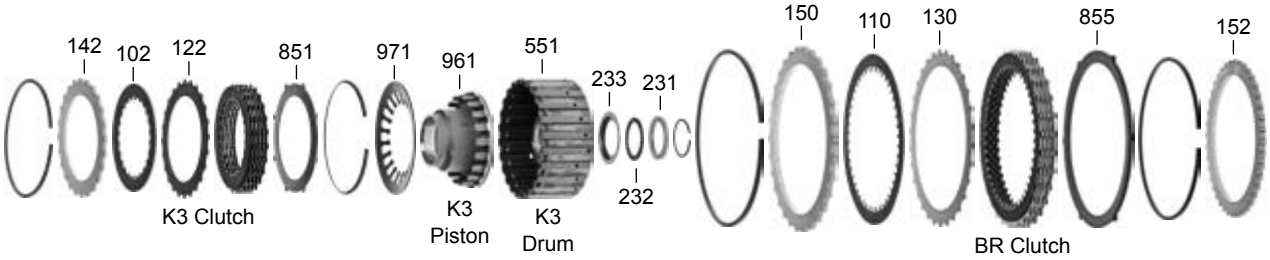
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555
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975
985
853
126
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969
979
K1
Drum
K1
Piston
K1 Clutch
B3
Support
B3
Piston

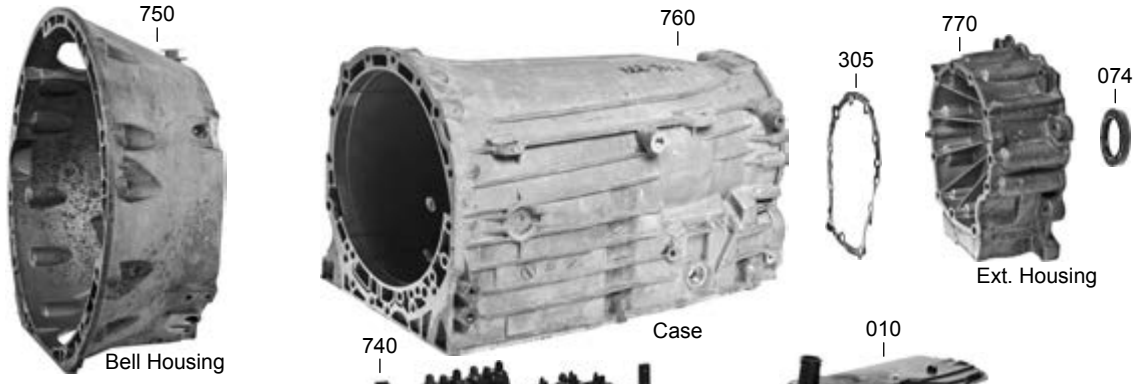
E


550
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Input Shaft
K2 Drum
K2
Piston
K2 Clutch

F

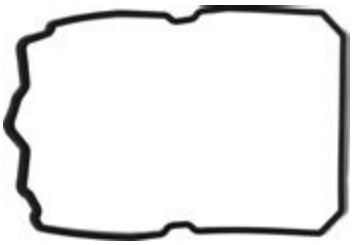

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152
K3 Clutch
K3
Piston
K3
Drum
232
BR Clutch

G


750
760
305
770
074
Bell Housing
Case
Ext. Housing
740
010
Valve Body
Filter
410
300
765
ISM
Pan

H

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88300



88010

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	w/ Pistons (For Awd Sell 88305 & 88074A)	1	04-Up	88006P	N.L.
N.I.	w/out Pistons (For Awd Sell 88305 & 88074A)	1	04-Up	88006N	
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	w/ Pistons (For Awd Sell 88305 & 88074A)	1	04-Up	88002P	N.L.
N.I.	w/out Pistons (For Awd Sell 88305 & 88074A)	1	04-Up	88002N	N.L.
FILTER KITS					
N.I.	Filter Kit	1	04-Up	88011	N.L.
FILTERS					
010H	Filter	1	04-Up	88010	221-277-0195
BUSHINGS					
N.I.	Front Pump Body	1	04-Up	78034	N.L.
METAL CLAD SEALS					
070A	Pump	1	04-Up	68070B	010-997-4947
N.I.	Manual Lever	1	04-Up	68072B	006-997-0147
074H	Rear (2wd)	1	04-Up	78074	140-997-0846
074H	Adapter Housing (Awd)	1	04-Up	88074A	013-997-7246
FRICTION PLATES					
100F	K2 (One Sided Internal Teeth)	4-7	04-Up	88100	2202720825
120F	K2 (One Sided External Teeth)	4-7	04-Up	88120	2202721826
102G	K3 (One Sided Internal Teeth)	5	04-Up	78102B	N.L.
122G	K3 (One Sided External Teeth)	5	04-Up	78122B	N.L.
104A	B1 (One Sided External Teeth)	4	04-Up	88134	220-272-0126
124A	B1 (One Sided Internal Teeth)	4	04-Up	88114	221-272-0225
106E	K1 (One Sided Internal Teeth)	4	04-Up	88106	N.L.
126E	K1 (One Sided External Teeth)	4	04-Up	88126	N.L.
110G	BR	4-5	04-Up	78110	220-272-0725
112D	B2 (Two Sided External Teeth)	6	04-Up	78112	220-272-1726
114B	B3 (One Sided Internal Teeth)	4	04-Up	88114	221-272-0225
134B	B3 (One Sided External Teeth)	4	04-Up	88134	220-272-0126
STEEL PLATES					
130G	BR	4-5	04-Up	78130	221-272-1126
132D	B2 (Internal Teeth)	5	04-Up	78132	221-272-0025
PRESSURE PLATES					
140F	K2 (.155") (30T)	1	04-Up	88140	N.L.
142G	K3 (.155") (24T)	1	04-Up	88142	N.L.
144A	B1 (.155") (18T)	1	04-Up	88144	N.L.
146E	K1 (.155") (36T)	1	04-Up	88146	N.L.
150G	BR (.255") (30T)	1	04-Up	88150	N.L.
152G	B2 (.255") (40T)	1	04-Up	88152	N.L.
154B	B3 (.155") (18T)	1	04-Up	88154	N.L.
SEALING RINGS					
N.I.	Sealing Ring Kit	1	04-Up	88175	N.L.
THRUST WASHERS					
270C	Shim, Park Gear to Output Bearing	AR	04-Up	88270	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS & RACES				
211A	Stator to K1 Drum	1	04-Up	88211	N.L.
215F	K2 Drum Cage Bearing	1	04-Up	88215	N.L.
216F	K2 Drum to Center Planet	1	04-Up	88216	N.L.
220C	Rear Sun Gear to K3 Drum	1	04-Up	88220	N.L.
221C	Rear Sun Gear to K3 Drum Race	1	04-Up	88221	N.L.
N.I.	K1 Drum Caged Bearing (Front)	1	04-Up	88228	N.L.
231F	K3 Drum to Rear Support Race (w/ ID Lip)	1	04-Up	88231	N.L.
232F	K3 Drum to Rear Support	1	04-Up	88232	N.L.
233F	K3 Drum to Rear Support Race	1	04-Up	88233	N.L.
234E	K1 Drum to Front Planet Ring Gear	1	04-Up	88234	N.L.
N.I.	Front Planet Caged Needle Bearing	1	04-Up	88237	N.L.
238B	Front Planet to K2 Drum	1	04-Up	88238	N.L.
239B	Front Planet Race (Rear)	1	04-Up	88239	N.L.
N.I.	Input Shaft to Stator Shaft Caged Bearing	1	04-Up	88244	N.L.
247C	Center Planet to Rear Planet Bearing w/ Race	1	04-Up	88247	N.L.
249C	Rear Sun Gear Caged Bearing	1	04-Up	88249	N.L.
250C	Rear Planet Output Shaft to Sun Gear Caged Bearing	1	04-Up	88250	N.L.
271C	Output Shaft to Case Ball Bearing	1	04-Up	88271	N.L.
	GASKETS & O-RINGS				
300H	Gasket, Pan (Molded Rubber)	1	04-Up	88300	220-271-0380
305H	Gasket, Adapter Housing (Awd)	1	04-Up	88305	164-277-0014
311A	O-Ring, Pump	1	04-Up	68311B	016-997-1448
544A	Gasket, Pump Plate (Fits between Bell and Case) (Latex Coated Plate Gasket)	1	04-Up	88544	220-277-1614
	ELECTRICAL COMPONENTS				
410H	Switch, Manual Lever (ISM)	1	04-Up	88410	N.L.
N.I.	Solenoid (Blue Cap) (B2, B3, K1, TCC)	1-4	04-Up	88421	N.L.
N.I.	Solenoid (Black Cap) (B1, K2, K3, EPC)	1-4	04-Up	88428	N.L.
N.I.	Harness, Internal	1	04-Up	88446	N.L.
	PUMPS				
500A	Pump	1	04-Up	88500	N.L.
510A	Pump Body w/ Gears (Bushing Style)	1	04-Up	78510	05080070AA
510A	Pump Body w/ Gears (Bearing Style)	1	04-Up	78510A	05080070AB
508	Pump, Auxiliary	1	04-Up	88508	N.L.
530A	Pump Gears (23T / 19T) (.535")	1	04-Up	88530	N.L.
544I	Plate, Pump Body (Fits in Bell Housing Pump Pocket)	1	04-Up	78542	N.L.
544A	Gasket, Pump Plate (Fits between Bell and Case) (Latex Coated Plate Gasket)	1	04-Up	88544	140-277-4214
	DRUMS & CLUTCH HUBS				
550F	K2 (86T Sun Gear)	1	04-Up	88550	N.L.
551G	K3	1	04-Up	88551	N.L.
554F	B2	1	04-Up	88554	N.L.
555E	K1 (42T Sun Gear)	1	04-Up	88555	N.L.
	PLANETS				
580C	Planet, Center w/ Output Shaft (13 1/2" Long)	1	04-Up	88580	N.L.
582B	Planet, Front (Compound) (4 Gear / 4 Gear)	1	04-Up	88582	N.L.
584C	Planet, Rear (4 gear) (w/ Flat Internal Bearing Race)	1	04-E10	88584	N.L.
584C	Planet, Rear (4 gear) (w/ Lipped Internal Bearing Race)	1	L10-Up	88584A	N.L.
590C	Ring Gear, Center (76T)	1	04-Up	88590	N.L.
592B	Ring Gear, Front (110T)	1	04-Up	88592	N.L.
594B	Ring Gear, Rear (114T)	1	04-Up	88594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
610C	Sun Gear, Center (28T) (w/ Short Extended Step)	1	04-E10	88610	N.L.
610C	Sun Gear, Center (28T) (w/ Long Extended Step)	1	L10-Up	88610A	N.L.
614C	Sun Gear, Rear (46T) (No Inner Recess)	1	04-E10	88614	N.L.
614C	Sun Gear, Rear (46T) (w/ Inner Recess)	1	L10-Up	88614A	N.L.
620B	Drive Shell	1	04-Up	88620	N.L.
	VALVE BODIES				
740H	Valve Body w/ TCM (8 Solenoids)	1	04-Up	88740	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750H	Bell Housing	1	04-Up	88750	N.L.
760H	Case	1	04-Up	88760	N.L.
765H	Pan	1	04-Up	88765	N.L.
770H	Extension Housing (4wd)	1	04-Up	88770	N.L.
	MISCELLANEOUS COMPONENTS				
690D	Park Gear w/ Tone Ring (36 Hole)	1	04-Up	88690	N.L.
798I	Nut, Output	1	96-Up	78798	52108234AA
851G	Cushion, K3 (8T) (.070")	1	04-Up	88851	N.L.
852D	Cushion, B2 (8T) (.095")	1	04-Up	88852	N.L.
853E	Cushion, K1 (18T) (.080")	1	04-Up	88853	N.L.
854A	Cushion, B1 (18T) (.075")	1	04-Up	88854	N.L.
855G	Cushion, BR (6T) (.135")	1	04-Up	88855	N.L.
857B	Cushion, B3 (18T) (.075")	1	04-Up	88857	N.L.
858F	Cushion, K2 (3T) (.085")	1	04-Up	88858	N.L.
954D	Support, BR Piston	1	04-Up	88954	N.L.
959E	Support, B3 Piston	1	04-Up	88959	N.L.
554D	Piston, BR (B2 Drum)	1	04-Up	88554	N.L.
960F	Piston, K2 (6.250" Wide)	1	04-Up	88960	N.L.
961G	Piston, K3	1	04-Up	88961	N.L.
964D	Piston, B2 Sleeve (5.700" Wide)	1	04-Up	88964	N.L.
965E	Piston, K1 (Bonded)	1	04-Up	88965	N.L.
967A	Piston, B1 (Bonded)	1	04-Up	88967	221-272-2031
969E	Piston, B3 (Bonded)	1	04-Up	88969	221-272-2131
970F	Return Spring, K2	1	04-Up	88970	N.L.
971G	Return Spring, K3	1	04-Up	88971	N.L.
974D	Return Spring, B2	1	04-Up	88974	N.L.
975E	Return Spring, K1	1	04-Up	88975	N.L.
977A	Return Spring, B1	1	04-Up	88977	N.L.
979E	Return Spring, B3	1	04-Up	88979	N.L.
980F	Retainer, K2	1	04-Up	88980	N.L.
984D	Piston, B2 (Inner) (3.125" Wide) (Sleeve) (5.700" Wide)	1	04-Up	88984	N.L.
985E	Retainer, K1	1	04-Up	88985	N.L.

Notes

Notes

3 NEW Reasons You Should "MAKE THE SHIFT TO..."® Superior Transmission Parts, Inc.

BUILDERS FROM COAST TO COAST ARE SEEING and EXPERIENCING WHY THE NEW TransLab Engineered® SURE-COOL® Valve Body Upgrade kits for HONDA/ACURA are THE TOTAL PACKAGE™.

With 6 kits Now Available, each contains unit specific fixes, concise tech and features that ease Shift Concerns while Enhancing Flow Control and Converter Lock-up operation they are "taking the heat" off of you and your rebuild. See why the latest kits released are the "Must Use" when tackling the most popular unit since the 700R4.

3 More SURE-COOL® Valve Body Upgrade Kits for HONDA/ACURA are Now Available

A90165
- Lockup codes & clutch burnout
- Lockup clutch drag in gear
- Long, delayed, double bump reverse to drive engage when hot
- 1-2 slide bump
- Light to mid throttle 1-2 shudder
- Erratic weak shifts Converter/case bearing "walk"

A30165A
- Lockup codes, clutch burnout, T.C.C slip/ shudder at low rpm
- Lockup clutch drag in gear @ idle
- Double bump reverse to drive engage when hot
- Light to mid throttle 1-2 shudder
- 1-2 slide bump
- Erratic, slip, or bump shifts

A30165B
- Lockup codes & clutch burnout
- Lockup clutch drag in gear @ idle
- Long, delayed bump reverse to drive engage when hot
- Converter/case bearing "walk"
- Increased cooler flow/improved lube system



PART# A30165



"I love the extra cooling & lock-up. Very simple, works great! Love it!"

Buddy Sapp
Florida Transmission Service
Tallahassee, FL



"Superior products are a must use in my units. Great kit! Thanks Superior!"

Jerry Kilgore
RPM Transmissions
Tallahassee, FL

SUPERIOR SURE-COOL® KIT VEHICLE APPLICATION REFERENCE CHART:

Transtar Part#	Box/Unit Codes
A90165	A4RA, B4RA, M4RA, S4RA, BDRA, BMXA, SLXA, B46A
A80165	BAXA, B6VA, MAXA, MDWA, MPJA, M6HA
A80165A	B7TA, B7VA, B7XA, B7YA, B7ZA, M7VA, M7ZA
A30165	BAYA, BDGA, BGFA, BGHA, BGRA, BYBA, B7WA, MAYA, MGFA, MGHA, MGSA, M7WA, PVGA, BVGA
A30165A	BDHA, BDKA, BJFA, BVLA, BWEA, BYFA, B36A, MDKA, MDPA, MDRA, MJBA, MJFA, MYFA, PN3A, PN4A, PSFA, PVLA, P34A, P35A, P36A
A30165B	BCLA, BZHA, BZJA, BZKA-1, BZKA-5, BZKA-6, BZKA-7, BZNA-1, B90A, GPLA, GPPA-3, GPPA-4, MCLA, MCTA, MKYA, MKZA, MM2A, MM7A, MNZA-5, MPCA, MP5A, MRMA, MZHA, MZJA, MZKA-1, MZKA-2, MZKA-3, MZKA-4, MZKA-5, MZKA-8, M91A, SMMA, SPCA, SP5A

CUT & CLIP THE DASHED LINE - AND SAVE THE HANDY VEHICLE APPLICATION CHART BELOW TO IDENTIFY WHICH KIT YOU NEED



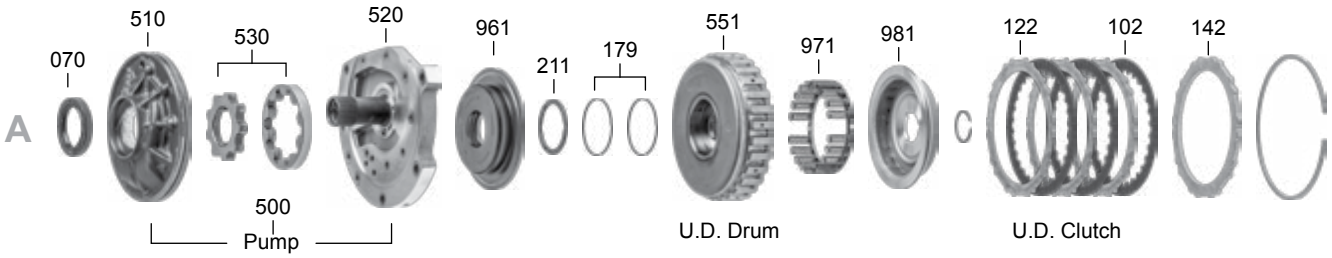
"I have used the Superior/Translab SURE-COOL® kit in several Hondas. All kits were a breeze to install – detailed instructions, easy to read, and nice pictures. The additional tech information was very helpful too. Quality of the parts in the kit is amazing – nice finish on valves. Clean shifts with any type of friction plate. No need for expensive Honda ATF. Hands down the BEST kit on the market for any Honda/Acura!"

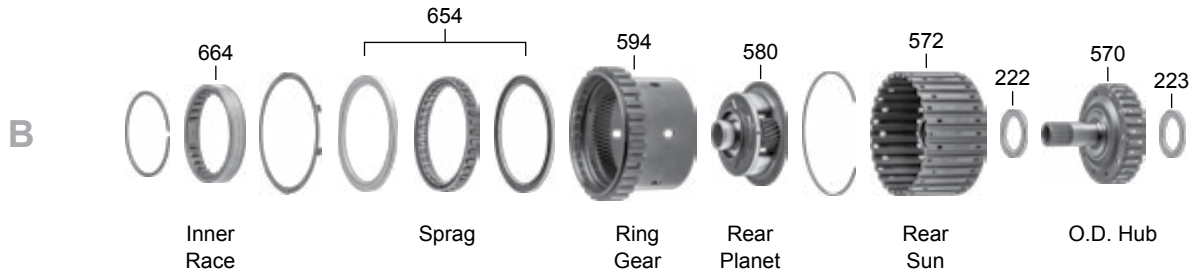
Chris Harmon
Harmon Performance Transmission
New Richmond, WI

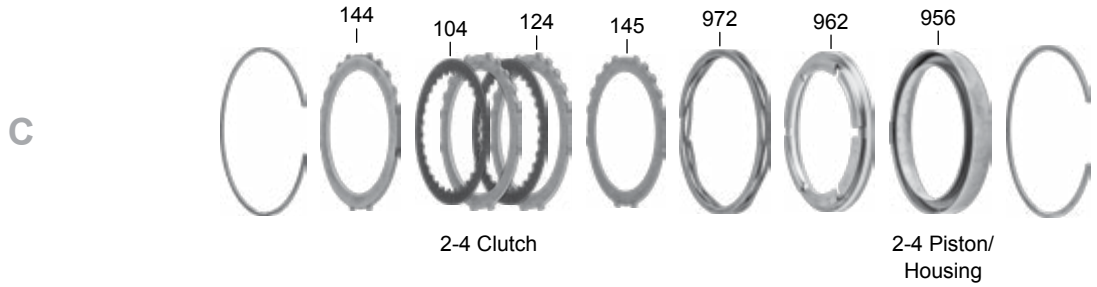
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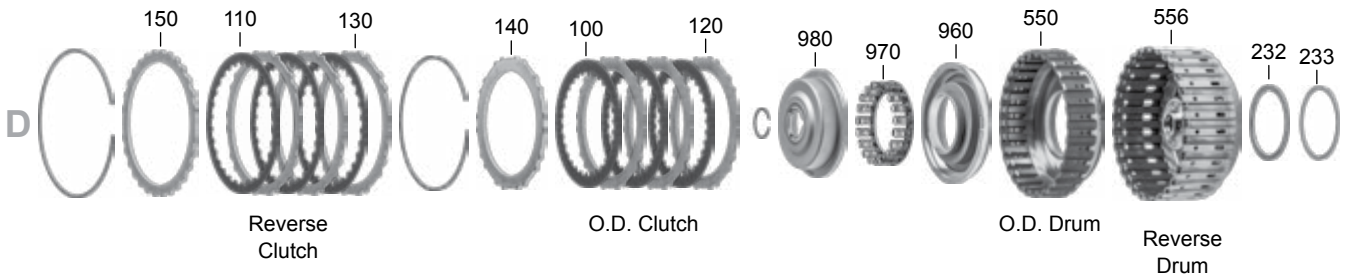
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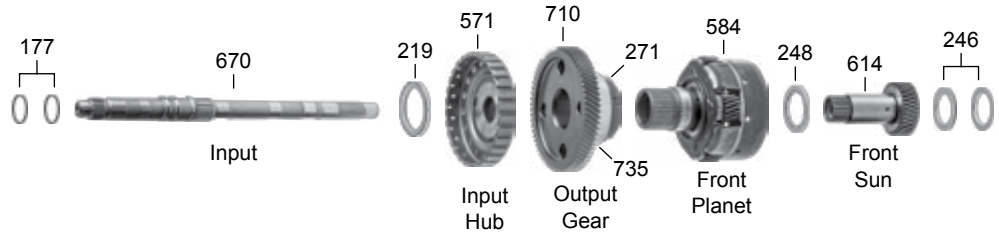
A4CF1, A4CF2 (HYUNDAI)



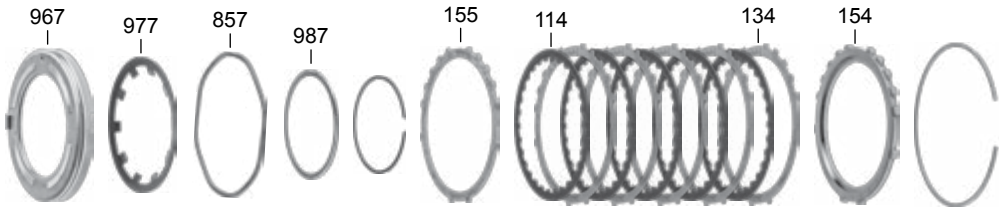




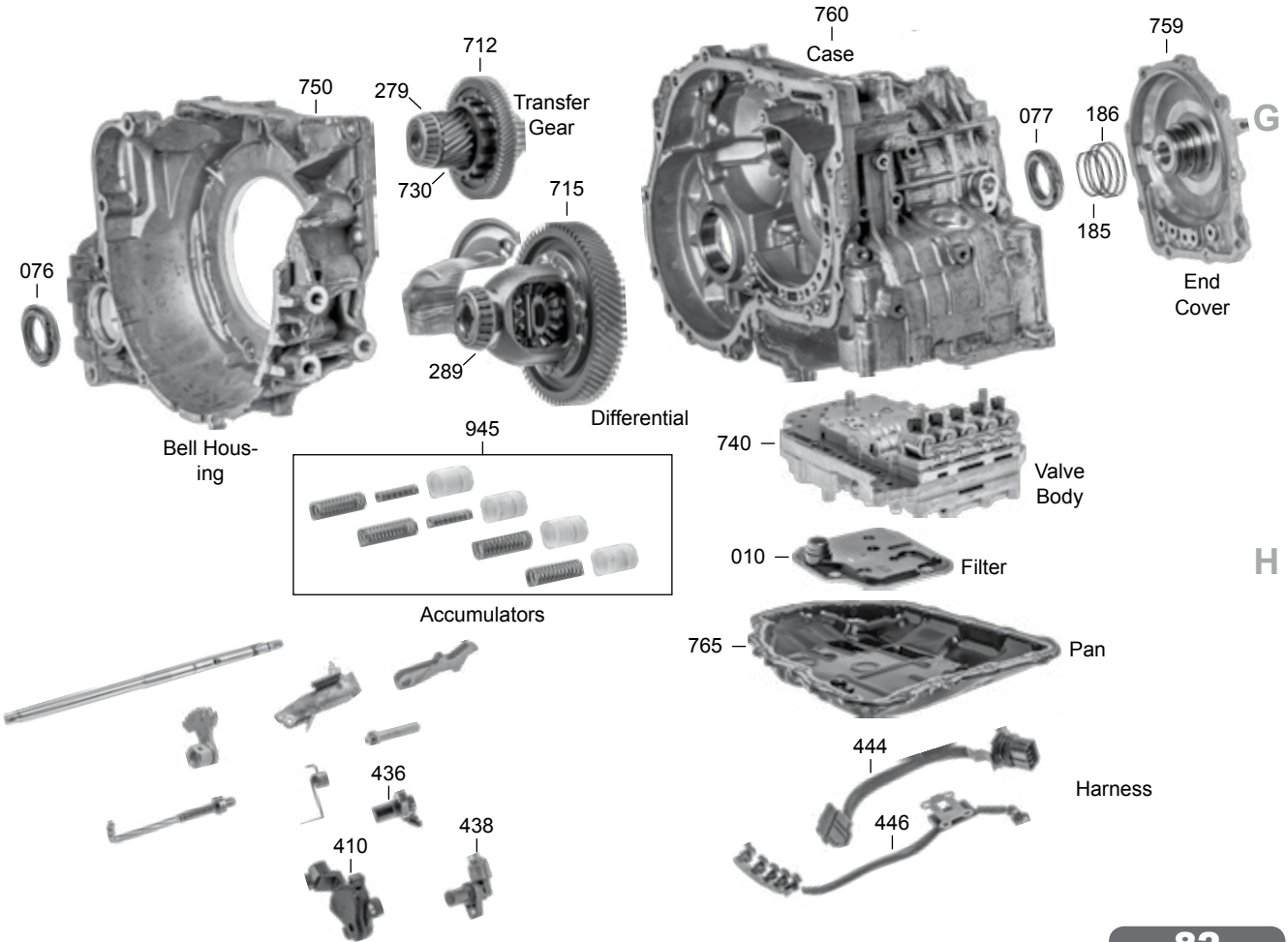



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Input Hub
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Output Gear
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Front Planet
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L-R Piston
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L-R Clutch

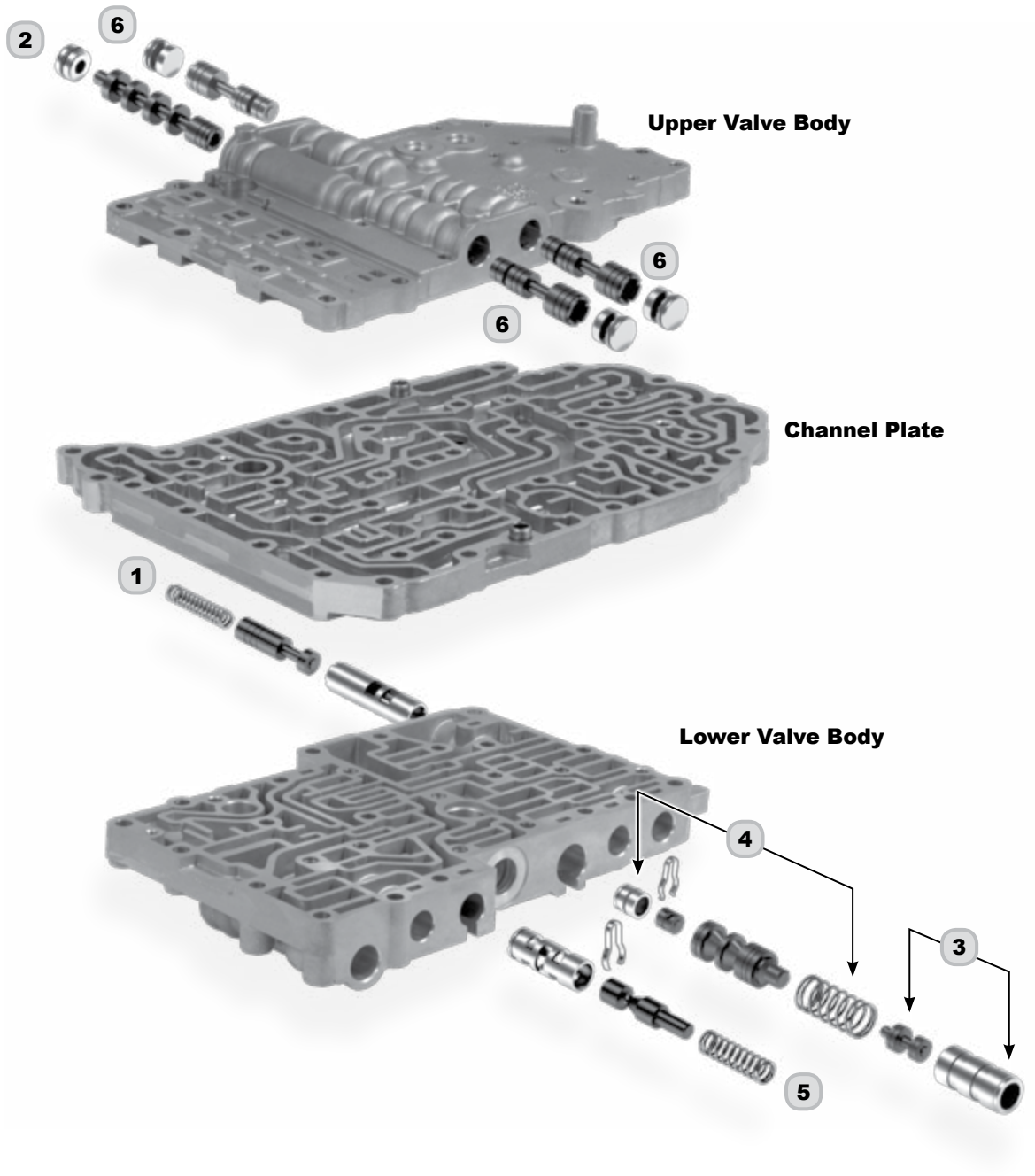
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712
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Transfer Gear
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Differential
Bell Housing
945
Accumulators
077
186
185
End Cover
740
Valve Body
010
Filter
765
Pan
444
446
Harness
436
438
410

G

H

VALVE BODY
GUIDE



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A4CF1, A4CF2 (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A4CF1, A4CF2	1	06-Up	82006D	N.L.
	LESS STEEL KITS				
004	A4CF1, A4CF2	1	06-Up	82004D	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A4CF1, A4CF2	1	06-Up	82002D	N.L.
	FILTERS				
010H	Main	1	06-Up	82010D	46321-23001
	BUSHINGS				
030	Bushing Kit	1	06-Up	82030D	N.L.
034	Pump	1	06-Up	82034D	N.L.
035	Overdrive Hub	2	06-Up	82035D	N.L.
036	Stator	1	06-Up	82036D	N.L.
051	Sun w/ Shell	2	06-Up	82051D	N.L.
052	Sun w/ Shaft	2	06-Up	82052D	N.L.
	METAL CLAD SEALS				
070A	Pump	1	06-Up	82070	N.L.
077G	Case	1	06-Up	82076C	N.L.
076G	Bell Housing	1	06-Up	82076C	N.L.
	FRICTION PLATES				
100D	Overdrive	3-4	06-Up	82100D	N.L.
102A	Underdrive	3	06-Up	82102D	N.L.
104C	2-4	4	06-Up	82104D	N.L.
110D	Reverse	2-3	06-Up	82110D	N.L.
114F	Low/ Reverse	6	06-Up	82114D	N.L.
119	Friction Module	1	06-Up	82119D	N.L.
	STEEL PLATES				
120D	Overdrive	3-4	06-Up	82120D	N.L.
122A	Underdrive	3	06-Up	82122D	N.L.
124C	2-4 (.115”)	2	06-Up	82124D	N.L.
130D	Reverse	2-3	06-Up	82130D	N.L.
134F	Low/ Reverse	5	06-Up	82134D	N.L.
139	Steel Module	1	06-Up	82139D	N.L.
	PRESSURE PLATES				
140D	Overdrive	1	06-Up	82140D	N.L.
142A	Underdrive	1	06-Up	82142D	N.L.
144C	2-4 (Backing) (.115” Stepped)	1	06-Up	82144E	N.L.
145C	2-4 (Apply) (.078”)	1	06-Up	82145D	N.L.
150D	Reverse	1	06-Up	82150D	N.L.
154F	Low/ Reverse (Backing)	1	06-Up	82154D	N.L.
155F	Low/ Reverse (Apply)	1	06-Up	82155D	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	06-Up	82175D	N.L.
179A	Pump	2	06-Up	82179D	N.L.
177E	Input Shaft	2	06-Up	82177D	N.L.
185H	End Cover (Small)	2	06-Up	82185D	N.L.
186H	End Cover (Large)	2	06-Up	82186D	N.L.
	THRUST WASHERS				
211A	Pump	1	06-Up	82211D	N.L.
	BEARINGS - THRUST				
219E	Underdrive Hub	1	06-Up	82219D	N.L.
248E	Sun Gear (Front)	1	06-Up	82248D	N.L.
246E	Sun Gear (Rear)	1	06-Up	82246D	N.L.
222B	Overdrive Hub (Front)	1	06-Up	82222D	N.L.
223B	Overdrive Hub (Rear)	1	06-Up	82222D	N.L.
232D	Reverse Drum	1	06-Up	82232D	N.L.
233D	Reverse Drum Race	1	06-Up	82233D	N.L.

A4CF1, A4CF2 (HYUNDAI)

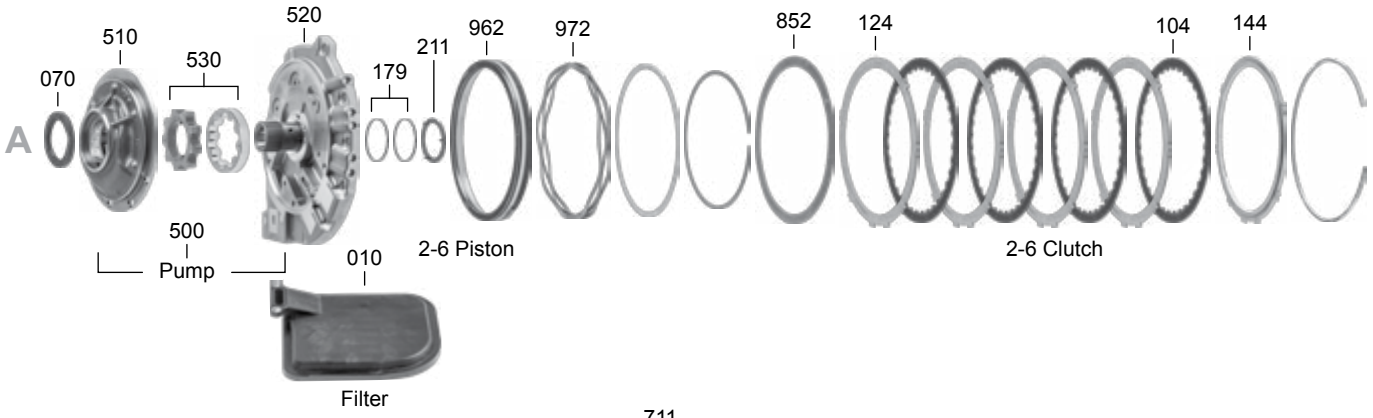
ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS - MISCELLANEOUS				
271E	Output (Front & Rear)	2	06-Up	82271D	N.L.
279	Transfer Gear (Front & Rear)	2	06-Up	82279D	N.L.
289	Differential (Front & Rear)	2	06-Up	82289D	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan	1	06-Up	82300D	N.L.
311	O-Ring, Pump	1	06-Up	82311D	N.L.
	TECHNICAL MANUALS				
400G	Diagnostic Guide (Kia, Hyundai) (A4CF2) (ATSG)	1	96-Up	82400DT	A4CF2 DG
	ELECTRICAL COMPONENTS				
410H	Switch, MLPS	1	06-Up	82410D	N.L.
418	Solenoid, PWM	5	06-Up	82418D	N.L.
431	Solenoid, EPC	1	06-Up	82431D	N.L.
N.I.	Solenoid Assembly, Block w/ 5 Solenoids	1	06-Up	82420D	46313-23000
436H	Sensor, OSS	1	06-Up	82436D	N.L.
438H	Sensor, ISS	1	06-Up	82438D	N.L.
444H	Connector w/ Harness (w/ TOT Sensor) (A4CF1, A4CF2)	1	06-Up	82444D	N.L.
444H	Connector w/ Harness (A4CF1, A4CF2)	1	06-Up	82444E	46307-23010
446H	Harness, Solenoid (A4CF1, A4CF2)	1	06-Up	82446D	N.L.
446H	Harness, Internal (A4CF1, A4CF2)	1	06-Up	82446E	46308-23000
	PUMPS				
500A	Pump	1	06-Up	82500D	N.L.
510A	Pump Body w/ Gears	1	06-Up	82510D	N.L.
520A	Pump Stator	1	06-Up	82520D	N.L.
530A	Pump Gears (GEROTOR)	1	06-Up	82530D	N.L.
	DRUMS & CLUTCH HUBS				
550D	Drum, Overdrive	1	06-Up	82550D	N.L.
551A	Drum, Underdrive	1	06-Up	82551D	N.L.
556D	Drum, Reverse	1	06-Up	82556D	N.L.
570B	Hub, Overdrive	1	06-Up	82570D	N.L.
571E	Hub, Underdrive (Input)	1	06-Up	82571D	N.L.
572B	Hub, 2nd w/ Rear Sun Gear	1	06-Up	82572D	N.L.
	PLANETS				
583	Geartrain (A4CF1, A4CF2)	1	06-Up	82583D	N.L.
580B	Planet, Overdrive (Rear)	1	06-Up	82580D	N.L.
584E	Planet, Output (Front)	1	06-Up	82584D	N.L.
594B	Ring Gear, Output w/ Sprag	1	06-Up	82594D	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614E	Sun Gear, Front	1	06-Up	82614D	N.L.
	ONE WAY CLUTCHES				
654B	Sprag	1	06-Up	82654D	N.L.
664B	Inner Race	1	06-Up	82664D	N.L.
	SHAFTS				
670E	Input Shaft	1	06-Up	82670D	N.L.
	DIFFERENTIALS				
715G	Differential	1	06-Up	82715D	N.L.
	VALVE BODIES				
740H	Valve Body	1	06-Up	82740D	N.L.
	CASES & HOUSINGS				
750G	Bell Housing	1	06-Up	82750F	N.L.
759G	End Cover	1	06-Up	82759D	N.L.
760G	Case	1	06-Up	82760D	N.L.
765H	Pan, Bottom	1	06-Up	82765D	N.L.

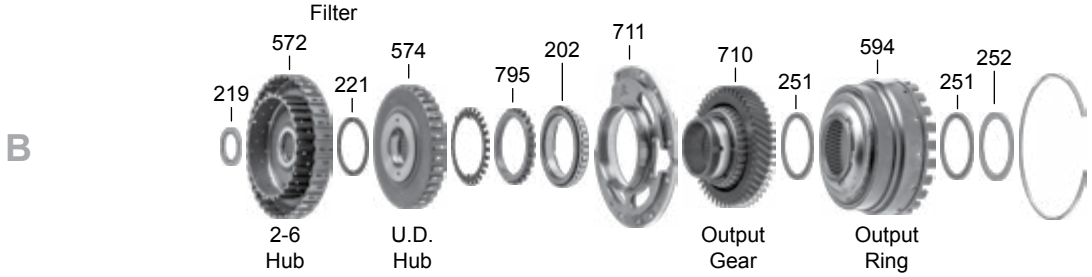
A4CF1, A4CF2 (HYUNDAI)

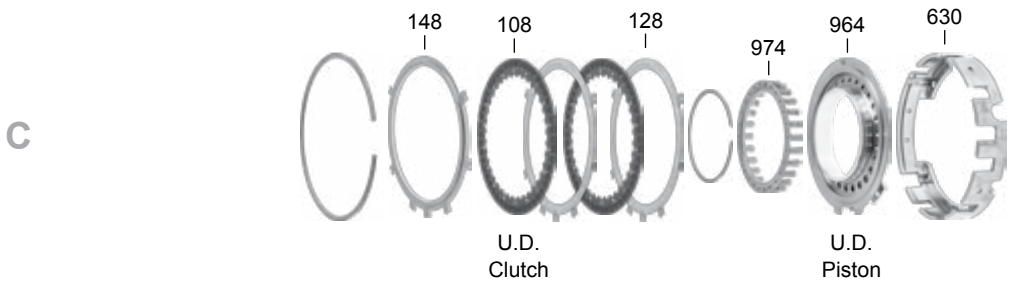
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS				
710E	Output Gear, Drive	1	06-Up	82710D	N.L.
712G	Transfer Gear, Driven	1	06-Up	82712D	N.L.
730G	Pinion Gear w/ Shaft	1	06-Up	82730D	N.L.
735E	Support, Output Gear	1	06-Up	82735D	N.L.
795	Nut, Output Gear Support	1	06-Up	82795D	N.L.
857F	Cushion, Low/ Reverse (Waved)	1	06-Up	82857D	N.L.
956C	Support, 2nd	1	06-Up	82962D	N.L.
960D	Piston, Overdrive	1	06-Up	82960D	N.L.
961A	Piston, Underdrive	1	06-Up	82961D	N.L.
962C	Piston, 2nd	1	06-Up	82962D	N.L.
967F	Piston, Low/ Reverse	1	06-Up	82967D	N.L.
970D	Return Spring, Overdrive	1	06-Up	82970D	N.L.
971A	Return Spring, Underdrive	1	06-Up	82971D	N.L.
972C	Return Spring, 2nd	1	06-Up	82972D	N.L.
977F	Return Spring, Low/ Reverse	1	06-Up	82977D	N.L.
980D	Retainer, Overdrive	1	06-Up	82980D	N.L.
981A	Retainer, Underdrive	1	06-Up	82981D	N.L.
987F	Retainer, Low/ Reverse	1	06-Up	82987D	N.L.

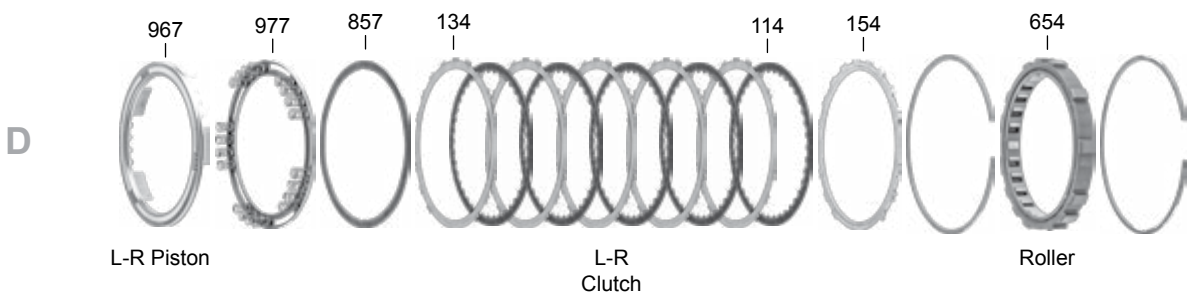
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Boost Valve Kit	N.I.	3	S82741LK	84741-01K
Vol 9	Pressure Control Valve Kit O.S. (T-VB-Fix, T-F-84741-TL16 req)	N.I.	6	S82741ABK	84741-16K
Vol 9	Pressure Reducing Valve Kit O.S. (T-VB-Fix, T-F-84741-TL10 req)	N.I.	5	S82741ACK	84741-10K
Vol 9	Pressure Regulator Valve Kit O.S. (T-84741-TL3 req)	N.I.	4	S82741PBK	84741-03K
Vol 9	TCC Damper Clutch Control Valve Kit O.S. (T-VB-Fix, T-F-84741-TL13 req)	N.I.	2	S82741CAK	84741-13K
Vol 9	TCC Regulator Valve Kit	N.I.	1	S82741QK	84741-07K

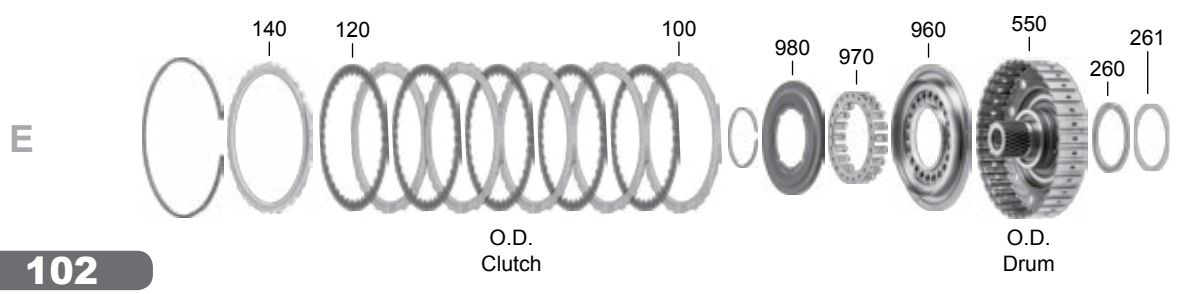
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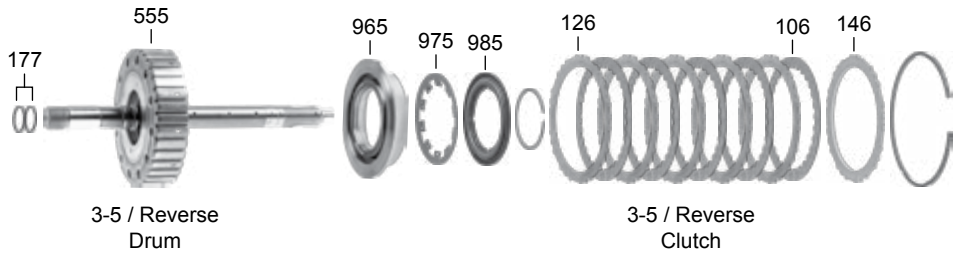

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Pump
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Filter
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2-6 Clutch


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251
252
2-6
Hub
U.D.
Hub
Output
Gear
Output
Ring

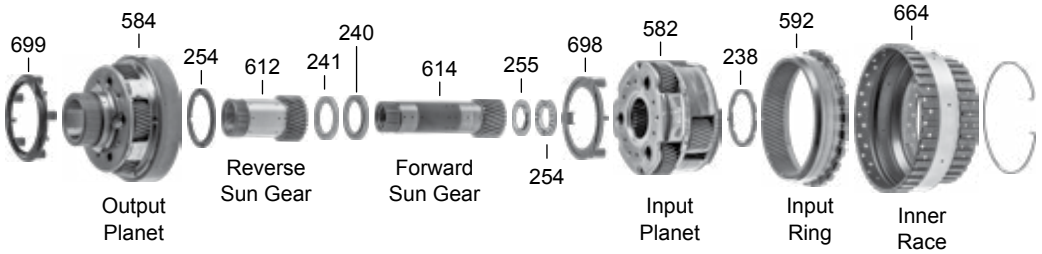

C
148
108
128
974
964
630
U.D.
Clutch
U.D.
Piston


D
967
977
857
134
114
154
654
L-R Piston
L-R
Clutch
Roller

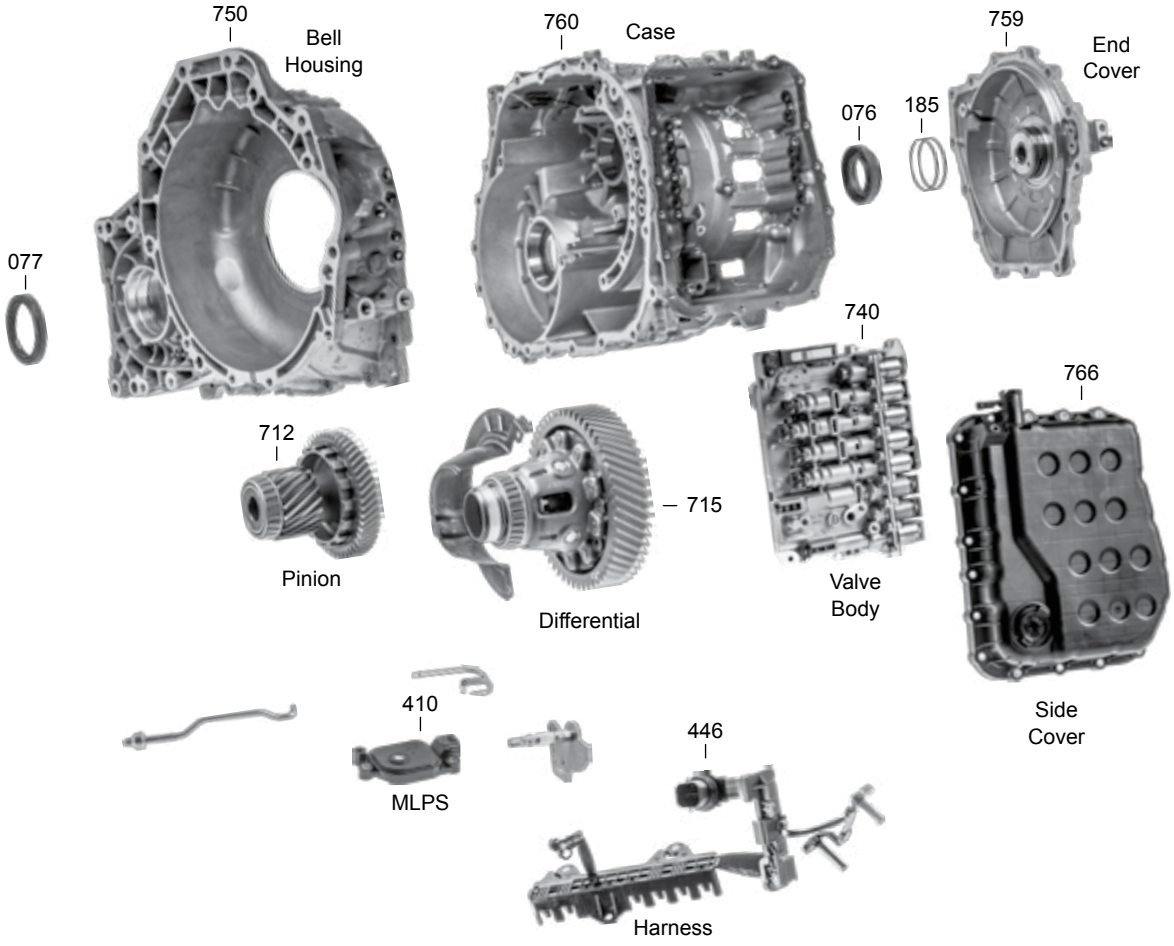

E
140
120
100
980
970
960
550
260
261
O.D.
Clutch
O.D.
Drum


177
555
965
975
985
126
106
146
3-5 / Reverse Drum
3-5 / Reverse Clutch

F


699
584
254
612
241
240
614
255
698
582
238
592
664
Output Planet
Reverse Sun Gear
Forward Sun Gear
254
Input Planet
Input Ring
Inner Race

G


750
Bell Housing
760
Case
759
End Cover
076
185
077
740
766
712
715
Pinion
Differential
Valve Body
Side Cover
410
MLPS
446
Harness

H

A6LF2 (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	A6LF2	1	09-Up	102006B	N.L.
LESS STEEL KITS					
004	A6LF2	1	09-Up	102004B	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	A6LF2	1	09-Up	102002B	N.L.
FILTERS					
010A	Main	1	09-Up	102010B	N.L.
BUSHINGS					
030	Bushing Kit	1	09-Up	102030B	N.L.
034	Pump	1	09-Up	102034B	N.L.
036	Stator	1	09-Up	102036B	N.L.
040	Underdrive Hub	1	09-Up	102040B	N.L.
051	Sun Gear (Large)	2	09-Up	102051B	N.L.
052	Sun Gear (Small)	2	09-Up	102052B	N.L.
METAL CLAD SEALS					
070A	Pump	1	09-Up	102070B	N.L.
072	Manual Lever Shaft	1	09-Up	102072B	N.L.
076H	Case	1	09-Up	102076B	N.L.
077H	Bell Housing (2WD)	1	09-Up	102077B	N.L.
077H	Bell Housing (4WD)	1	09-Up	102077BA	N.L.
FRICTION PLATES					
100E	Overdrive	5	09-Up	102100B	N.L.
104A	2-6 Brake	4	09-Up	102104B	N.L.
106F	3-5/Reverse	4	09-Up	102106B	N.L.
108C	Underdrive	3	09-Up	102108B	N.L.
114D	Low/ Reverse	5	09-Up	102114B	N.L.
STEEL PLATES					
120E	Overdrive	4	09-Up	102120B	N.L.
120E	Overdrive	1	09-Up	102120BA	N.L.
124A	2-6 Brake	3	09-Up	102124B	N.L.
126F	3-5/Reverse	4	09-Up	102126B	N.L.
126F	3-5/Reverse	1	09-Up	102126BA	N.L.
128C	Underdrive	3	09-Up	102128B	N.L.
134D	Low/ Reverse	5	09-Up	102134B	N.L.
PRESSURE PLATES					
140E	Overdrive	1	09-Up	102140B	N.L.
144A	2-6 Brake (Backing)	1	09-Up	102144B	N.L.
145A	2-6 Brake (Apply)	1	09-Up	102145B	N.L.
146F	3-5/Reverse	1	09-Up	102146B	N.L.
148C	Underdrive	1	09-Up	102148B	N.L.
154D	Low/ Reverse (Backing)	1	09-Up	102154B	N.L.
155D	Low/ Reverse (Apply)	1	09-Up	102155B	N.L.
SEALING RINGS					
175	Sealing Ring Kit	1	09-Up	102175B	N.L.
179A	Pump	2	09-Up	102179B	N.L.
177F	Input Shaft	2	09-Up	102177B	N.L.
185H	End Cover	2	09-Up	102185B	N.L.
THRUST WASHERS					
211A	Pump	1	09-Up	102211B	N.L.
221B	Underdrive Hub	1	09-Up	102221B	N.L.
238F	Input Planet	1	09-Up	102238B	N.L.
254G	Output Planet	1	09-Up	102254B	N.L.

A6LF2 (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS - THRUST				
202B	Output Gear	2	09-Up	102202B	N.L.
251B	Output Gear to Output Ring Gear	1	09-Up	102251B	N.L.
251B	Output Ring Gear to Output Planet	1	09-Up	102251B	N.L.
252B	Output Ring Gear to Output Planet Race	1	09-Up	102252B	N.L.
240G	Reverse Sun Gear to Forward Sun Gear	1	09-Up	102240B	N.L.
241G	Reverse Sun Gear to Forward Sun Gear Race	1	09-Up	102241B	N.L.
255G	Overdrive Drum Race (Front)	1	09-Up	102261B	N.L.
256G	Overdrive Drum (Front)	1	09-Up	102260B	N.L.
260E	End Cover	1	09-Up	102260B	N.L.
261E	End Cover Race	1	09-Up	102261B	N.L.
	BEARINGS - MISCELLANEOUS				
271	Pinion (Front)	1	09-Up	102271B	N.L.
273	Pinion (Rear)	1	09-Up	102273B	N.L.
289	Differential (Rear)	1	09-Up	102289B	N.L.
292	Differential (Front)	1	09-Up	102292B	N.L.
	GASKETS & O-RINGS				
301	Gasket, Side Pan (Plastic)	1	09-Up	102301B	N.L.
301	Gasket, Side Pan (Metal)	1	09-Up	102310BM	N.L.
311	O-Ring, Pump	1	09-Up	102311B	N.L.
	ELECTRICAL COMPONENTS				
410I	Switch, MLPS	1	09-Up	102410B	N.L.
420	Solenoid Group	1	09-Up	102420B	N.L.
446I	Harness, Internal	1	09-Up	102446B	N.L.
	PUMPS				
500A	Pump	1	09-Up	102500B	N.L.
510A	Pump Body w/ Gears	1	09-Up	102510B	N.L.
520A	Pump Stator	1	09-Up	102520B	N.L.
530A	Pump Gears (GEROTOR)	1	09-Up	102530B	N.L.
	DRUMS & CLUTCH HUBS				
550E	Drum, Overdrive	1	09-Up	102550B	N.L.
555F	Drum, 3-5/Reverse w/ Input	1	09-Up	102555B	N.L.
572B	Hub, 2-6 / 3-5/ Reverse	1	09-Up	102572B	N.L.
574B	Hub, Underdrive	1	09-Up	102574B	N.L.
	PLANETS				
582G	Planet, Input	1	09-Up	102582B	N.L.
584G	Planet, Output	1	09-Up	102584B	N.L.
592G	Ring Gear, Input	1	09-Up	102592B	N.L.
594B	Ring Gear, Output	1	09-Up	102594B	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612G	Sun Gear, Reverse	1	09-Up	102612B	N.L.
614G	Sun Gear, Forward	1	09-Up	102614B	N.L.
	ONE WAY CLUTCHES				
654D	Roller w/ Cam	1	09-Up	102654B	N.L.
664G	Inner Race	1	09-Up	102664B	N.L.
	DIFFERENTIALS				
715I	Differential (2WD)	1	09-Up	102715B	N.L.
715I	Differential (4WD)	1	09-Up	102715BA	N.L.
699I	Differential Shroud	1	09-Up	102699B	N.L.
	VALVE BODIES				
740I	Valve Body	1	09-Up	102740B	N.L.
	CASES & HOUSINGS				
750H	Bell Housing	1	09-Up	102750B	N.L.
759H	End Cover	1	09-Up	102759B	N.L.
760H	Case	1	09-Up	102760B	N.L.
766I	Cover, Valve Body (Plastic)	1	09-Up	102766B	N.L.
766I	Cover, Valve Body (Metal)	1	09-Up	102766BM	N.L.

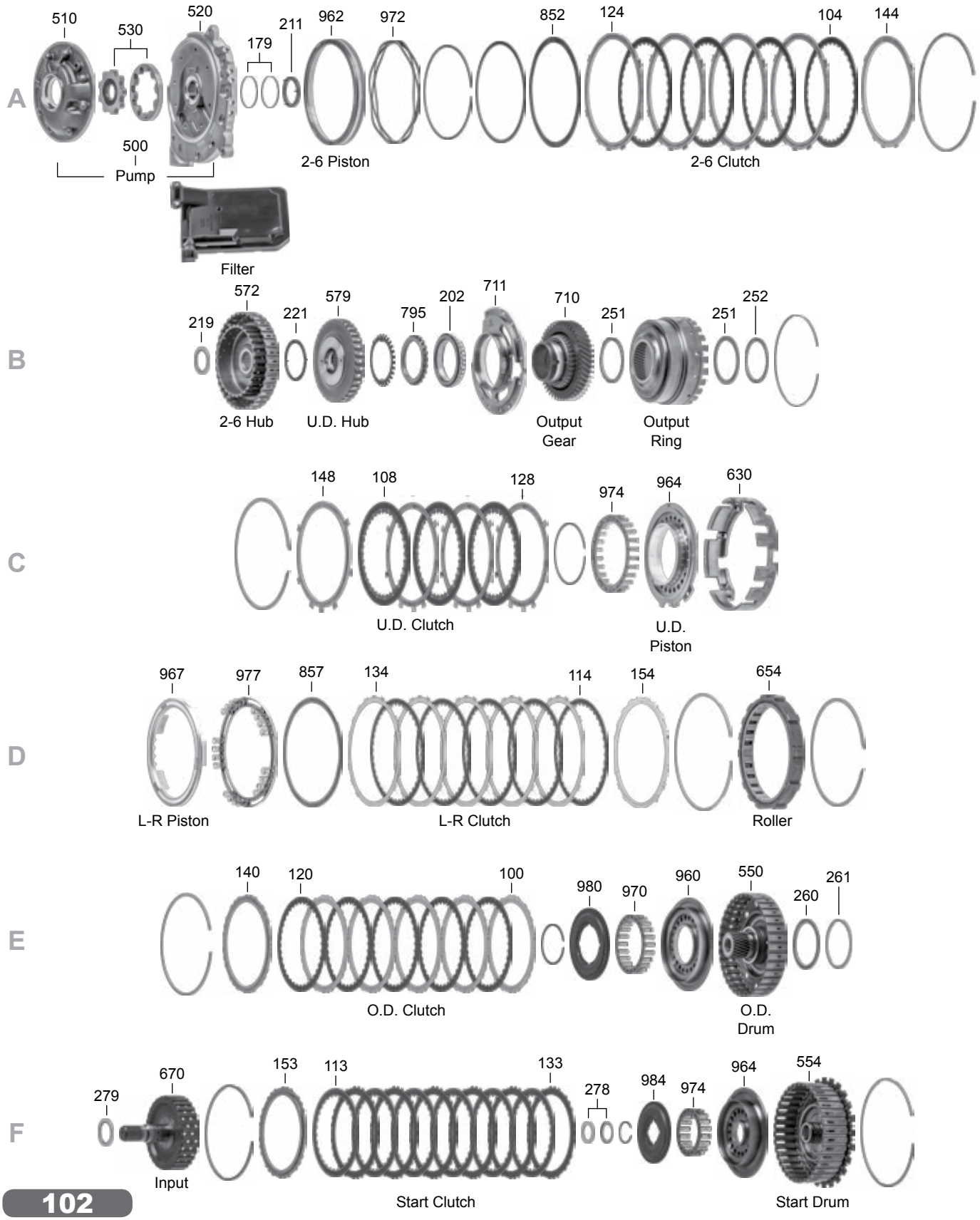
A6LF2 (HYUNDAI)

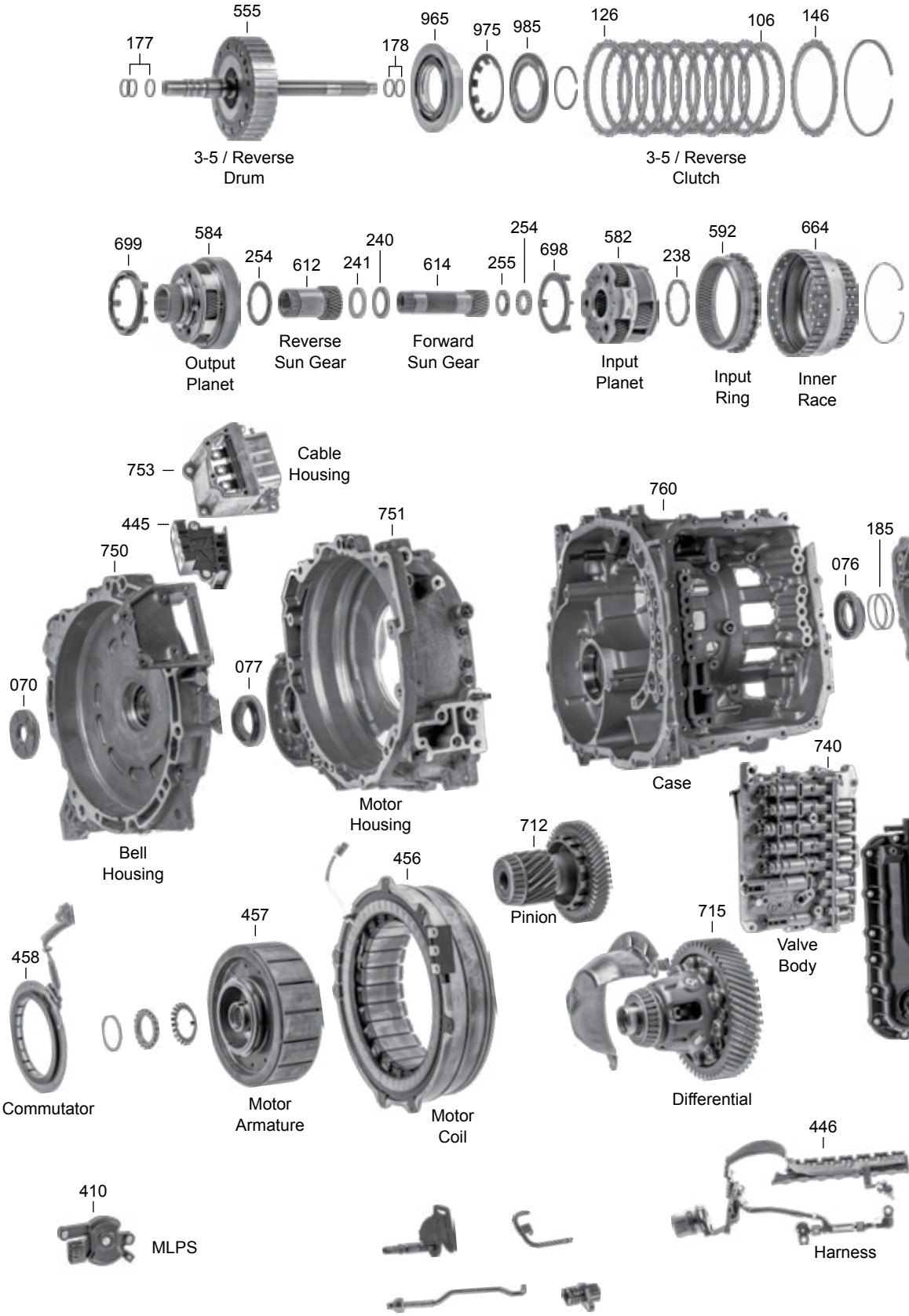
ILL.		QTY.	YEAR	PART No.	REF. No.
MISCELLANEOUS COMPONENTS					
N.I.	Cage, Compound Planet (Input)	1	09-Up	102209B	N.L.
629C	Support, Underdrive Piston	1	09-Up	102629B	N.L.
630C	Support, Underdrive Clutch	1	09-Up	102630B	N.L.
698G	Dam, Input Planet (Front)	1	09-Up	102698B	N.L.
N.I.	Dam, Input Planet (Rear) (3 Piece)	1	09-Up	102698BA	N.L.
699G	Dam, Output Planet	1	09-Up	102699B	N.L.
710B	Output Gear (47T)	1	09-Up	102710B	N.L.
711B	Support, Output Gear	1	09-Up	102711B	N.L.
712I	Transfer Gear (51T)	1	09-Up	102712B	N.L.
730I	Pinion Gear (18T)	1	09-Up	102730B	N.L.
795B	Nut, Output Gear Support	1	09-Up	102795B	N.L.
852A	Cushion, 2-6/Brake	1	09-Up	102852B	N.L.
857D	Cushion, Low/ Reverse	1	09-Up	102857B	N.L.
960F	Piston, Overdrive	1	09-Up	102960B	N.L.
962A	Piston, 2-6/Brake	1	09-Up	102962B	N.L.
964C	Piston, Underdrive	1	09-Up	102964B	N.L.
965F	Piston, 3-5/Reverse	1	09-Up	102965B	N.L.
967D	Piston, Low/ Reverse	1	09-Up	102967B	N.L.
970E	Return Spring, Overdrive	1	09-Up	102970B	N.L.
972A	Return Spring, 2-6/Brake	1	09-Up	102972B	N.L.
974C	Return Spring, Underdrive	1	09-Up	102974B	N.L.
975F	Return Spring, 3-5/Reverse	1	09-Up	102975B	N.L.
977D	Return Spring, low/ Reverse	1	09-Up	102977B	N.L.
980E	Retainer, Overdrive	1	09-Up	102980B	N.L.
985F	Retainer, 3-5/Reverse	1	09-Up	102985B	N.L.

Notes

Notes

A6MF1, A6MF2, A6MF2H (HYUNDAI)




555
177
178
965
975
985
126
106
146
3-5 / Reverse Drum
3-5 / Reverse Clutch
699
584
254
612
241
240
614
255
254
698
582
238
592
664
Output Planet
Reverse Sun Gear
Forward Sun Gear
Input Planet
Input Ring
Inner Race
753
Cable Housing
445
750
751
760
759
End Cover
185
076
070
077
Bell Housing
Motor Housing
Case
740
712
766
456
457
458
715
Pinion
Valve Body
Side Cover
Commutator
Motor Armature
Motor Coil
Differential
410
MLPS
446
Harness

A6MF1, A6MF2, A6MF2H (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A6MF1 (w/ Pistons*)	1	09-Up	102006P	N.L.
006	A6MF2 (Exc. Hybrid) (w/ Pistons*)	1	09-Up	102006CP	N.L.
006	A6MF2H (Hybrid) (w/ Pistons*)	1	09-Up	102006CAP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 102004N				
	LESS STEEL KITS				
004	A6MF1 (w/ Pistons*)	1	09-Up	102004P	N.L.
004	A6MF2 (Exc. Hybrid) (w/ Pistons*)	1	09-Up	102004CP	N.L.
004	A6MF2H (Hybrid) (w/ Pistons*)	1	09-Up	102004CAP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 102004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A6MF1 (w/out Pistons**)	1	09-Up	102002N	N.L.
002	A6MF2 (Exc. Hybrid) (w/out Pistons**)	1	09-Up	102002CN	N.L.
002	A6MF2H (Hybrid) (w/out Pistons**)	1	09-Up	102002CAN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 102002P				
	FILTERS				
010A	Main (Exc. Hybrid)	1	09-Up	102010C	N.L.
010A	Main (Hybrid)	1	09-Up	102010CA	N.L.
	BUSHINGS				
030	Bushing Kit	1	09-Up	102030C	N.L.
034	Pump (Non Hybrid Only)	1	09-Up	102034	N.L.
036	Stator (Non Hybrid Only)	1	09-Up	102036C	N.L.
040	Underdrive Hub	1	09-Up	102040C	N.L.
051	Sun Gear (Large)	2	09-Up	102051C	N.L.
052	Sun Gear (Small)	2	09-Up	102052C	N.L.
	METAL CLAD SEALS				
070I	Pump (Non Hybrid Only)	1	09-Up	102070C	N.L.
072	Manual Lever Shaft	1	09-Up	102072C	N.L.
076I	Case	1	09-Up	102076C	N.L.
077I	Bell Housing (Hybrid)	1	09-Up	102077CA	N.L.
077I	Bell Housing (2WD) (Exc. Hybrid)	1	09-Up	102077C	N.L.
077I	Bell Housing (4WD) (Exc. Hybrid)	1	09-Up	102077CB	N.L.
	FRICTION PLATES				
100E	Overdrive	5	09-Up	102100C	N.L.
104A	2-6 Brake	4	09-Up	102104C	N.L.
106G	3-5/Reverse	4-5	09-Up	102106C	N.L.
108C	Underdrive	3	09-Up	102108C	N.L.
114D	Low/ Reverse	5	09-Up	102114C	N.L.
103F	Start	6	09-Up	102103C	N.L.
	STEEL PLATES				
120E	Overdrive	4	09-Up	102120C	N.L.
120E	Overdrive	1	09-Up	102120CB	N.L.
124A	2-6 Brake (Exc. Hybrid)	3	09-Up	102124C	N.L.
124A	2-6 Brake (Hybrid)	3	09-Up	102124CA	N.L.
126G	3-5/Reverse	4	09-Up	102126C	N.L.
126G	3-5/Reverse (Exc. Hybrid)	1	09-Up	102126CB	N.L.
126G	3-5/Reverse (Hybrid)	2	09-Up	102126CA	N.L.
128C	Underdrive	3	09-Up	102128C	N.L.
134D	Low/ Reverse	5	09-Up	102134C	N.L.
123F	Start	5	09-Up	102123C	N.L.
123F	Start	1	09-Up	102123CB	N.L.
	PRESSURE PLATES				
140E	Overdrive	1	09-Up	102140C	N.L.
144A	2-6 Brake (Backing)	1	09-Up	102144C	N.L.
145A	2-6 Brake (Apply)	1	09-Up	102145C	N.L.
146G	3-5/Reverse	1	09-Up	102146C	N.L.
148C	Underdrive	1	09-Up	102148C	N.L.
154D	Low/ Reverse (Backing)	1	09-Up	102154C	N.L.
155D	Low/ Reverse (Apply)	1	09-Up	102155C	N.L.
143F	Start	1	09-Up	102143C	N.L.

A6MF1, A6MF2, A6MF2H (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
	SEALING RINGS				
175	Sealing Ring Kit (Exc. Hybrid)	1	09-Up	102175C	N.L.
175	Sealing Ring Kit (Hybrid)	1	09-Up	102175CA	N.L.
179A	Pump	2	09-Up	102179C	N.L.
177G	Input Shaft (Exc. Hybrid)	2	09-Up	102177C	N.L.
177G	Input Shaft (Hybrid) (Front)	3	09-Up	102177CA	N.L.
178G	Input Shaft (Hybrid) (Rear)	2	09-Up	102178CA	N.L.
185I	End Cover	2	09-Up	102185C	N.L.
	THRUST WASHERS				
211A	Pump (Exc. Hybrid)	1	09-Up	102211C	N.L.
211A	Pump (Hybrid)	1	09-Up	102211CA	N.L.
221B	Underdrive Hub	1	09-Up	102221C	N.L.
238H	Input Planet	1	09-Up	102238C	N.L.
254H	Output Planet	1	09-Up	102254C	N.L.
	BEARINGS - THRUST				
202B	Output Gear	1	09-Up	102202C	N.L.
N.I.	Stator (Caged) (Hybrid)	2	09-Up	102214CA	N.L.
219B	2-6/3-5 Hub	1	09-Up	102219C	N.L.
251B	Output Gear to Output Ring Gear	1	09-Up	102251C	N.L.
251B	Output Ring Gear to Output Planet	1	09-Up	102251C	N.L.
252B	Output Ring Gear to Output Planet Race	1	09-Up	102252C	N.L.
240H	Reverse Sun Gear to Forward Sun Gear	1	09-Up	102240C	N.L.
241H	Reverse Sun Gear to Forward Sun Gear Race	1	09-Up	102241C	N.L.
255H	Overdrive Drum Race (Front)	1	09-Up	102255C	N.L.
256H	Overdrive Drum (Front)	1	09-Up	102256C	N.L.
260E	End Cover (Front)	1	09-Up	102260C	N.L.
261E	End Cover Race (Front)	1	09-Up	102261C	N.L.
278F	Start Hub (Rear)	1	09-Up	102278C	N.L.
279F	Start Hub (Front)	1	09-Up	102279C	N.L.
	BEARINGS - MISCELLANEOUS				
N.I.	Bell Housing (Hybrid)	1	09-Up	102209CA	N.L.
271J	Pinion (Front) (Exc. Hybrid)	1	09-Up	102271C	N.L.
271J	Pinion (Front) (Hybrid)	1	09-Up	102271CA	N.L.
273J	Pinion (Rear) (Exc. Hybrid)	1	09-Up	102273C	N.L.
273J	Pinion (Rear) (Hybrid)	1	09-Up	102273CA	N.L.
289J	Differential (Rear) (Exc. Hybrid)	1	09-Up	102289C	N.L.
289J	Differential (Rear) (Hybrid)	1	09-Up	102289CA	N.L.
292J	Differential (Front) (Exc. Hybrid)	1	09-Up	102292C	N.L.
292J	Differential (Front) (Hybrid)	1	09-Up	102292CA	N.L.
	GASKETS & O-RINGS				
301	Gasket, Side Pan (Plastic)	1	09-Up	102301C	N.L.
301	Gasket, Side Pan (Metal)	1	09-Up	102310CM	N.L.
311	O-Ring, Pump	1	09-Up	102311C	N.L.
	ELECTRICAL COMPONENTS				
410J	Switch, MLPS (Exc. Hybrid)	1	09-Up	102410C	N.L.
410J	Switch, MLPS (Hybrid)	1	09-Up	102410CA	N.L.
420J	Solenoid Group (Exc. Hybrid)	1	09-Up	102420C	N.L.
420J	Solenoid Group (Hybrid)	1	09-Up	102420CA	N.L.
446J	Harness, Internal (Exc. Hybrid)	1	09-Up	102446C	N.L.
446J	Harness, Internal (Hybrid)	1	09-Up	102446CA	N.L.
	EVT COMPONENTS				
454I	Motor Generator Terminal (Hybrid)	1	09-Up	102454CA	N.L.
456J	Motor Coil (Hybrid)	1	09-Up	102456CA	N.L.
457J	Armature (Hybrid)	1	09-Up	102457CA	N.L.
458J	Commutator (Hybrid)	1	09-Up	102458CA	N.L.
	PUMPS				
500A	Pump (Exc. Hybrid)	1	09-Up	102500C	N.L.
500A	Pump (Hybrid)	1	09-Up	102500CA	N.L.
510A	Pump Body w/ Gears (Exc. Hybrid)	1	09-Up	102510C	N.L.
510A	Pump Body w/ Gears (Hybrid)	1	09-Up	102510CA	N.L.
520A	Pump Stator (Exc. Hybrid)	1	09-Up	102520C	N.L.

A6MF1, A6MF2, A6MF2H (HYUNDAI)

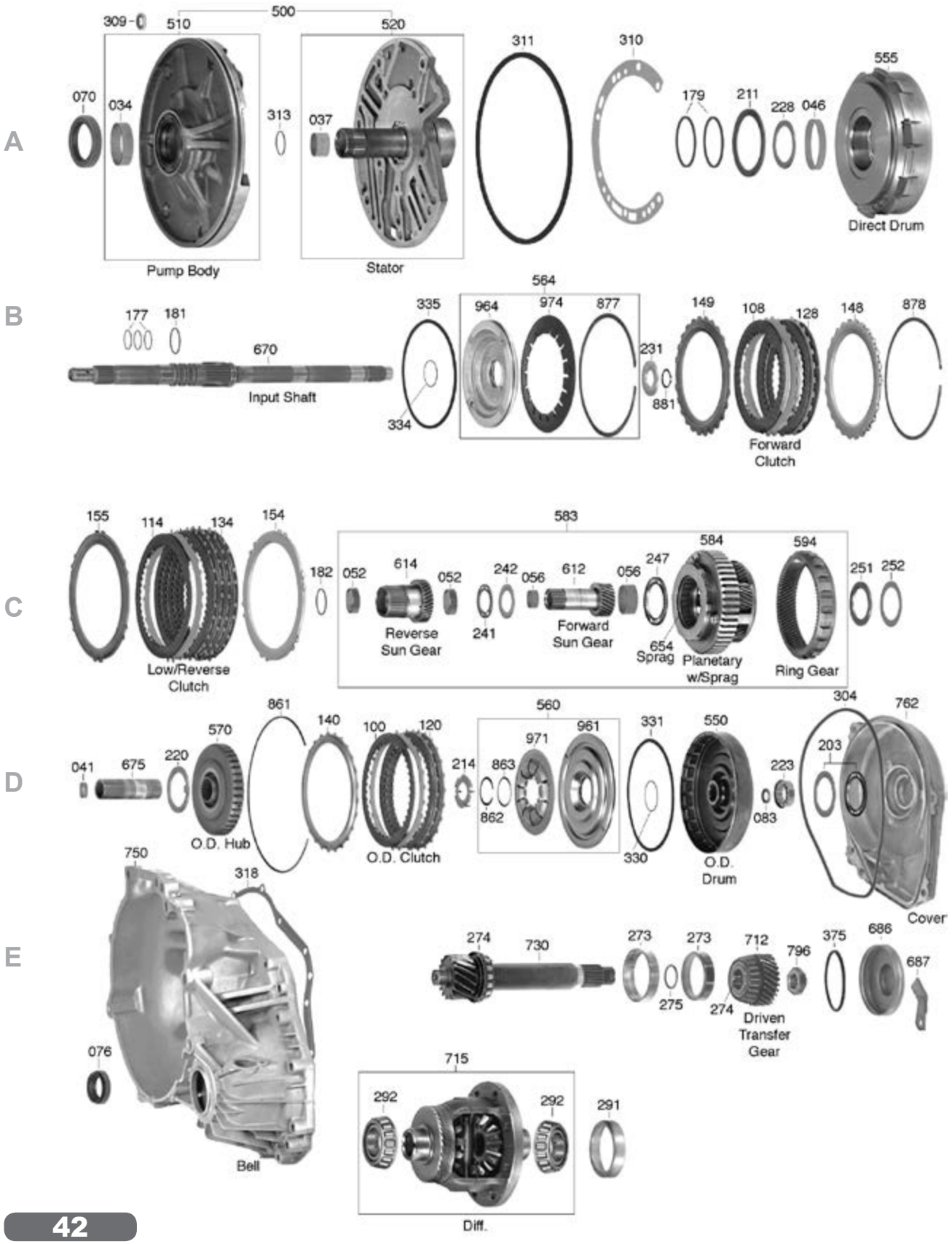
ILL.		QTY.	YEAR	PART No.	REF. No.
	PUMPS (Cont.)				
520A	Pump Stator (Hybrid)	1	09-Up	102520CA	N.L.
530A	Pump Gears (GEROTOR) (Exc. Hybrid)	1	09-Up	102530C	N.L.
530A	Pump Gears (GEROTOR) (Hybrid)	1	09-Up	102530CA	N.L.
	DRUMS & CLUTCH HUBS				
550E	Drum, Overdrive (2 Groove) (Exc. Hybrid)	1	09-Up	102550C	N.L.
550E	Drum, Overdrive (3 Groove) (Hybrid)	1	09-Up	102550CA	N.L.
553F	Drum, Start	1	09-Up	102553C	N.L.
555F	Drum, 3-5/Reverse w/ Input (Exc. Hybrid)	1	09-Up	102555C	N.L.
555F	Drum, 3-5/Reverse w/ Input (Hybrid)	1	09-Up	102555CA	N.L.
572B	Hub, 2-6 / 3-5/ Reverse (Exc. Hybrid)	1	09-Up	102572C	N.L.
572B	Hub, 2-6 / 3-5/ Reverse (Hybrid)	1	09-Up	102572CA	N.L.
573F	Hub, Start w/ Input	1	09-Up	102573C	N.L.
574B	Hub, Underdrive	1	09-Up	102574C	N.L.
	PLANETS				
582H	Planet, Input (1 Groove) (Exc. Hybrid)	1	09-Up	102582C	N.L.
582H	Planet, Input (2 Groove) (Hybrid)	1	09-Up	102582CA	N.L.
584H	Planet, Output	1	09-Up	102584C	N.L.
592H	Ring Gear, Input (1 Groove) (Exc. Hybrid)	1	09-Up	102592C	N.L.
592H	Ring Gear, Input (2 Groove) (Hybrid)	1	09-Up	102592CA	N.L.
594B	Ring Gear, Output	1	09-Up	102594C	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612H	Sun Gear, Reverse	1	09-Up	102612C	N.L.
614H	Sun Gear, Forward	1	09-Up	102614C	N.L.
	ONE WAY CLUTCHES				
654D	Roller (.800") (Exc. Hybrid)	1	09-Up	102654C	N.L.
654D	Roller (.860") (Hybrid)	1	09-Up	102654CA	N.L.
664H	Inner Race (1 Groove) (Exc. Hybrid)	1	09-Up	102664C	N.L.
664H	Inner Race (2 Groove) (Hybrid)	1	09-Up	102664CA	N.L.
	DIFFERENTIALS				
715J	Differential (2WD) (Exc. Hybrid)	1	09-Up	102715C	N.L.
715J	Differential (2WD) (Hybrid)	1	09-Up	102715CA	N.L.
715J	Differential (4WD) (Exc. Hybrid)	1	09-Up	102715CB	N.L.
715J	Differential (4WD) (Hybrid)	1	09-Up	102715CC	N.L.
699J	Differential Shroud	1	09-Up	102699C	N.L.
	VALVE BODIES				
740I	Valve Body (Exc. Hybrid)	1	09-Up	102740C	N.L.
740I	Valve Body (Hybrid)	1	09-Up	102740CA	N.L.
	CASES & HOUSINGS				
750I	Bell Housing (Exc. Hybrid)	1	09-Up	102750C	N.L.
750I	Bell Housing (Hybrid)	1	09-Up	102750CA	N.L.
751I	Motor Housing (Hybrid)	1	09-Up	102751CA	N.L.
753I	Motor Terminal (Cable) Housing (Hybrid)	1	09-Up	102753CA	N.L.
759I	End Cover (Exc. Hybrid)	1	09-Up	102759C	N.L.
759I	End Cover (Hybrid)	1	09-Up	102759CA	N.L.
760I	Case (Exc. Hybrid)	1	09-Up	102760C	N.L.
760I	Case (Hybrid)	1	09-Up	102760CA	N.L.
766J	Cover, Valve Body (Plastic)	1	09-Up	102766C	N.L.
766J	Cover, Valve Body (Metal)	1	09-Up	102766CM	N.L.
	MISCELLANEOUS COMPONENTS				
N.I.	Cage, Compound Planet (Input)	1	09-Up	102209C	N.L.
629C	Support, Underdrive Piston	1	09-Up	102629C	N.L.
630C	Support, Underdrive Clutch	1	09-Up	102630C	N.L.
698G	Dam, Input Planet (Front)	1	09-Up	102698C	N.L.
698G	Dam, Input Planet (Rear) (3 Piece)	1	09-Up	102698CA	N.L.
699H	Dam, Output Planet	1	09-Up	102699C	N.L.
710B	Output Gear (47T) (.830" Wide) (Exc. Hybrid)	1	09-Up	102710C	N.L.
710B	Output Gear (47T) (.915" Wide) (Hybrid)	1	09-Up	102710CA	N.L.
711B	Support, Output Gear (Exc. Hybrid)	1	09-Up	102711C	N.L.
711B	Support, Output Gear (Hybrid)	1	09-Up	102711CA	N.L.

A6MF1, A6MF2, A6MF2H (HYUNDAI)

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
712J	Transfer Gear (51T) (Exc. Hybrid)	1	09-Up	102712C	N.L.
712J	Transfer Gear (53T) (Hybrid)	1	09-Up	102712CA	N.L.
730I	Pinion Gear (18T) (Exc. Hybrid)	1	09-Up	102730C	N.L.
730I	Pinion Gear (18T) (Hybrid)	1	09-Up	102730CA	N.L.
795B	Nut, Output Gear Support	1	09-Up	102795C	N.L.
796J	Nut, Stator (Hybrid)	1	09-Up	102795CA	N.L.
852A	Cushion, 2-6/Brake	1	09-Up	102852C	N.L.
857D	Cushion, Low/ Reverse	1	09-Up	102857C	N.L.
960E	Piston, Overdrive	1	09-Up	102960C	N.L.
962A	Piston, 2-6/Brake	1	09-Up	102962C	N.L.
963F	Piston, Start	1	09-Up	102963C	N.L.
964C	Piston, Underdrive	1	09-Up	102964C	N.L.
965G	Piston, 3-5/Reverse	1	09-Up	102965C	N.L.
967D	Piston, Low/ Reverse	1	09-Up	102967C	N.L.
970E	Return Spring, Overdrive	1	09-Up	102970C	N.L.
972A	Return Spring, 2-6/Brake	1	09-Up	102972C	N.L.
973F	Return Spring, Start	1	09-Up	102973C	N.L.
974C	Return Spring, Underdrive	1	09-Up	102974C	N.L.
975G	Return Spring, 3-5/Reverse	1	09-Up	102975C	N.L.
977D	Return Spring, low/ Reverse	1	09-Up	102977C	N.L.
980E	Retainer, Overdrive	1	09-Up	102980C	N.L.
983F	Retainer, Start	1	09-Up	102983C	N.L.
985G	Retainer, 3-5/Reverse	1	09-Up	102985C	N.L.

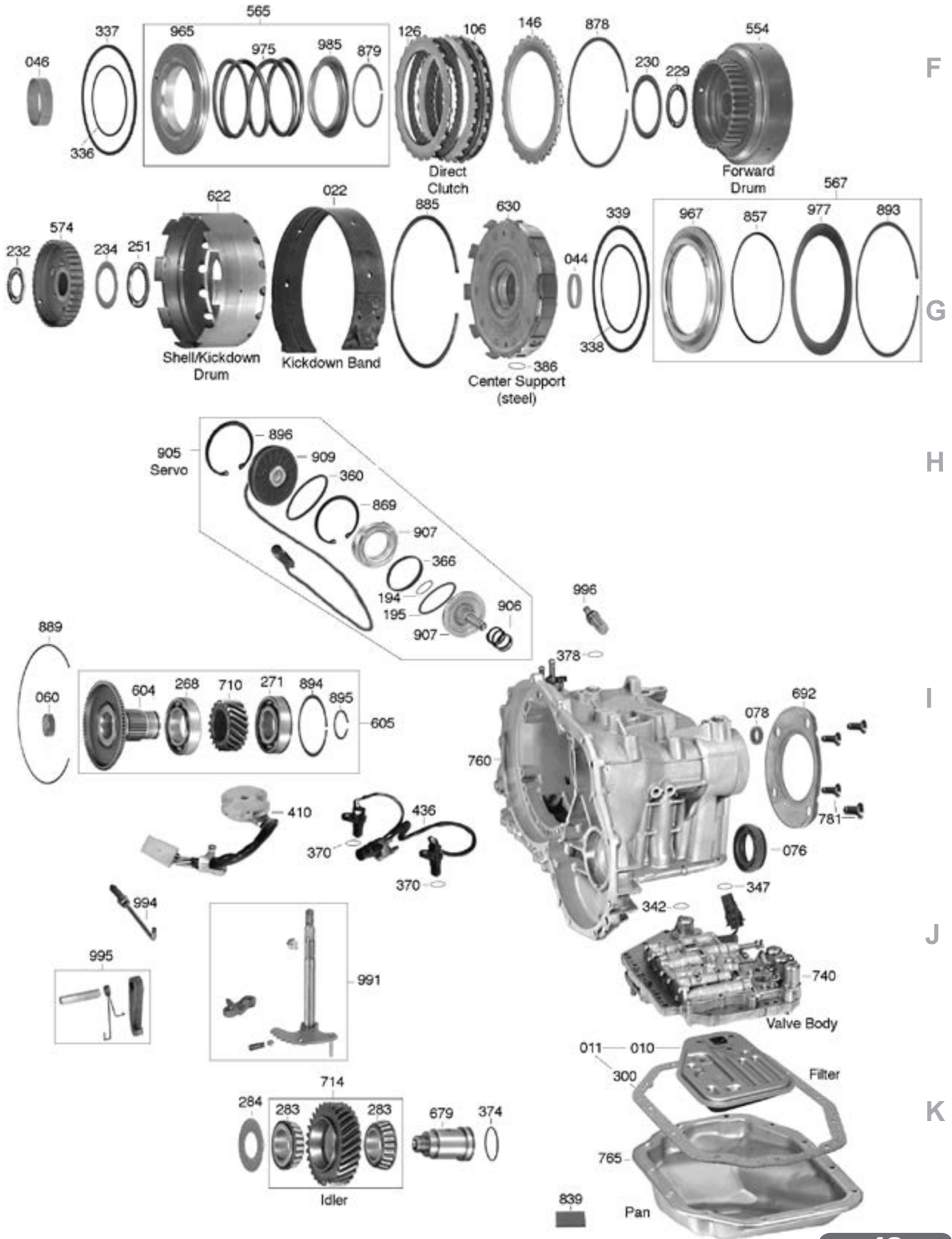
Notes

F4A32, W4A32, A4AF, A4BF (KM SERIES)



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F4A32, W4A32, A4AF, A4BF (KM SERIES)



F4A32, W4A32, A4AF, A4BF (KM SERIES)


42300L


42300LA


42010L


42010LA

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	KM170, 171, 172 (3 Speed)	1	79-88	42006AF	N.L.
006	KM171-5, 172-5, F3A21, F3A22 (3 Speed)	1	89-Up	42006HF	N.L.
006	KM175, 175-1, 175-2 (4 Speed)	1	85-88	42006CF	N.L.
006	KM175-5, 176-5, 177-8 (F4A21, F4A22, F4A23) (4 Speed)	1	89-Up	42006EF	N.L.
006	A4AF-1, A4AF-2 (Accent, Scoupe) (F4A32)	1	93-99	42006KF	N.L.
006	A4BF-1 (Elantra & Tiburon) (F4A32)	1	96-99	42006LF	N.L.
006	A4BF-3 (Accent)	1	00-Up	42006KAF	N.L.
006	A4BF-3 (Elantra, Tiburon)	1	00-01	42006LAF	N.L.
006	F4A33-1, W4A33-1 (1)	1	91-Up	42006MF	N.L.
006	W4A32-1 (1)	1	91-97	42006MAF	N.L.
	LESS STEEL KITS				
004	KM170, 171, 172 (3 Speed)	1	79-88	42004AF	N.L.
004	KM171-5, 172-5, F3A21, F3A22 (3 Speed)	1	89-Up	42004HF	N.L.
004	KM175, 175-1, 175-2 (4 Speed)	1	85-88	42004CF	N.L.
004	KM175-5, 176-5, 177-8 (F4A21, F4A22, F4A23) (4 Speed)	1	89-Up	42004EF	N.L.
004	A4AF-1, A4AF-2 (Accent, Scoupe) (F4A32)	1	93-99	42004KF	N.L.
004	A4BF-1 (Elantra & Tiburon) (F4A32)	1	96-99	42004LF	N.L.
004	A4BF-3 (Accent)	1	00-Up	42004KAF	N.L.
004	A4BF-3 (Elantra, Tiburon)	1	00-01	42004LAF	N.L.
004	F4A33-1, W4A33-1 (1)	1	91-Up	42004MF	N.L.
004	W4A32-1 (1)	1	91-97	42004MAF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	KM170, 171, 172 (3 Speed)	1	79-88	42002AF	N.L.
002	KM171-5, 172-5, F3A21, F3A22 (3 Speed)	1	89-Up	42002HF	N.L.
002	KM175, 175-1, 175-2, KM177 (4 Speed)	1	85-88	42002CF	N.L.
002	KM175-5, 176-5, 177-8, F4A21, F4A22, F4A23 (4 Speed)	1	89-Up	42002EF	N.L.
002	A4AF-1, A4AF-2, A4BF-1 (F4A32)	1	93-99	42002LF	N.L.
002	A4BF-3	1	00-Up	42002LAF	N.L.
002	F4A33-1, W4A33-1, W4A32-1 (1)	1	91-Up	42002MF	N.L.
N.I.	(1) W4A32-1, W4A33-1 Transfer Case Parts, Also Order 42001MA	1	91-Up	42001MA	N.L.
	FILTER KITS				
011	KM's (88-Up)	1	88-Up	42011E	N.L.
011	A4AF-1, A4AF-2 (F4A32)	1	93-99	42011LF	N.L.
011	A4BF-3	1	00-Up	42011LAF	N.L.
011	A4BF-1	1	96-99	42011KF	N.L.
011	F4A33-1, W4A33-1, W4A32-1	1	91-Up	42011M	N.L.
	FILTERS				
010K	KM's 1979-81	1	79-81	42010A	MD707786
010K	KM's 1982-87 (Also Fits 1988 KM172)	1	82-87	42010EA	MD729955
010K	KM's 1988-1/92 (Exc. 1988 KM172)	1	88-92	42010P	MD673110
010K	KM's 1/92-Up (Will retro to 1988 with MBK-249 Bolt Kit)	1	92-Up	42010E	MD573110
010K	A4AF-1, A4AF-2, A4BF-1 (F4A32)	1	93-99	42010L	46321-22050
010K	A4BF-3	1	00-Up	42010LA	46321-22731
010K	F4A33-1, W4A33-1, W4A32-1	1	91-Up	42010M	MD-735572
	BANDS				
022G	Kickdown, KM170, 171, 172, 175, 176 (1.562" Wide)	1	79-Up	42022A	MD713179
022G	Kickdown, KM177, F4A32, W4A32, A4AF (1.732" Wide)	1	87-Up	42022G	MD719933
022G	Kickdown, F4A33, W4A33 (2.362" Wide)	1	91-Up	42022M	MD736920

F4A32, W4A32, A4AF, A4BF (KM SERIES)

ILL.		QTY.	YEAR	PART No.	REF. No.
	BUSHINGS				
030	Bushing Kit, All KM's (Combo)	1	79-Up	42030AC	N.L.
030	Bushing Kit, KM171-5, 175-5, 176-5, 177-8	1	89-Up	42030E	N.L.
030	Bushing Kit, F4A33-1	1	91-Up	42030G	N.L.
034A	Bushing Kit, All KM (Pump Body & Stator Bushing Only)	1	79-Up	42034AK	N.L.
034A	Pump Body (All)	1	79-Up	42034A	N.L.
041D	Overdrive Shaft (.810" ID) (All 89-Up)	1	89-Up	42056E	MD720769
044G	Center Support (Front) (1.699" ID) (Exc. KM170, 171)	1	83-Up	42044C	N.L.
046A	Direct Drum (Wide) KM170, 171, 172, 175	1	79-88	42046A	MD707283
046A	Direct Drum (Wide) KM 171-5, 176-5	1	89-Up	42046A	MD707283
046A	Direct Drum (Rear) (2.047" ID) (Exc. KM171-5, 176-5)	1	89-Up	42046ER	N.L.
052C	Reverse Sun Gear (1.023" ID) KM175, 177	2	85-88	42052C	N.L.
056C	Forward Sun Gear (.810" ID) (All 89-Up)	2	89-Up	42056E	MD720769
	METAL CLAD SEALS				
070A	Front	1	79-Up	42070A	MD707575
076E	Axle, Left & Right (All KM Series)	2	79-Up	42076A	E6GZ-11-77D
076E	Axle, Left & Right (F4A33) (91-5/92)	2	91-E92	42076A	E6GZ-11-77D
076E	Axle, Left & Right (F4A33) (6/92-Up	2	L92-Up	42076M	MD742053
076E	Axle, Right (Awd W4A32, W4A33)	1	92-Up	42076A	E6GZ-11-77D
076E	Axle, Left & Right (All Hyundai A4AF, A4BF)	2	93-Up	42076L	43119-28001
083D	Overdrive Drum (6/92-Up	1	L92-Up	42083EA	MD736847
	FRICTION PLATES				
100D	Overdrive (40T)	3-4	85-Up	42100C	MD73-9092
100D	Overdrive (36T) (A4BF-3)	3-5	00-Up	42100D	45560-22761
106F	Direct (F4A33, W4A33)	4	91-Up	42106M	MD73-5828
106F	Direct (3.76" ID)	2-3	79-88	42106B	MD713655
106F	Direct (3.90" ID)	1-3	89-Up	42106E	MD73-7892
108B	Forward (KM's) (10T)	2	79-88	42106A	MD714345
106F	Forward (KM's) (38T) (3.76" ID)	2-3	79-88	42106B	MD713655
106F	Forward (KM's) (38T) (3.90" ID)	1-3	89-Up	42106E	MD73-7892
108B	Forward (A4AF, A4BF) (.067") (3.90" ID) (1/98-Up)	2-5	E98-Up	42108	45449-22770
108B	Forward (F4A33, W4A33)	5	91-Up	42106MC	MD73-1582
114C	Low/ Reverse (48T)	4-6	79-88	42114B	MD728108
114C	Low/ Reverse (51T)	4-6	89-Up	42114E	MD71-9833
114C	Low/ Reverse (51T) (Hi-Energy)	4-6	89-Up	42114G	N.L.
114C	Low/ Reverse (54T) (F4A33, W4A33)	6	91-Up	42114M	MD73-1586
N.I.	Power Pack, Overdrive Anti-Warp Kit (Clutches Only)	3-5	85-Up	A42100PK	59757
N.I.	Power Pack, KM End Clutch & Seal Kit	1	85-Up	A42100APK	059935PWR
N.I.	Power Pack, Overdrive (KM175, KM176, KM177)	1	85-Up	A42100HPK	N.L.
	STEEL PLATES				
120D	Overdrive (.032") (Exc. Below)	3-4	85-Up	42120C	MD712528
120D	Overdrive (.039") (A4AF-1, A4AF-2)	3	L97-99	42120D	45561-37001
120D	Overdrive (.098") (A4BF-3 Elantra, Tiburon)	5	00-01	42120F	45561-28801
120D	Overdrive (.157") (A4BF-3 Accent)	3	00-Up	42120E	45451-28000
126F	Direct (.150") (All 79-88)	3	79-88	42126B	MD707256
126F	Direct (.146") (All 89-Up Exc. F4A33, W4A33-1)	1-3	89-Up	42146E	MD722559
126F	Direct (.120") (KM177)	1-2	92-Up	42126G	MD739509
126F	Direct (.088") (F4A33, W4A33-1)	3	91-Up	42126M	MD739384
126F	Direct (.150") (F4A33, W4A33-1)	1	91-Up	42126MB	MD739385
128B	Forward (4.000" ID) (KM's)	2	79-88	42128A	MD707255
128B	Forward (4.100" ID) (KM's)	2-3	89-Up	42128E	MD722556
128B	Forward (.071") (A4AF-1, A4AF-2, A4BF-1)	1-2	93-E98	42128E	MD722556
128B	Forward (.071") (W4A32-1)	2	91-Up	42128E	MD722556
128B	Forward (.087") (A4AF-1, A4AF-2, A4BF-1)	1-2	93-99	42128F	45451-28000
128B	Forward (.079") (A4BF-3)	4-5	00-Up	42128G	45451-22700
128B	Forward (.063") (F4A33, W4A33-1)	5	91-Up	42128M	MD731604
134C	Low/ Reverse (.039") (20T) (5.300" ID)	5	89-Up	42134E	MD727798
134C	Low/ Reverse (.071") (20T) (5.300" ID)	3	89-Up	42134H	MD727799
134C	Low/ Reverse (.039") (20T) (5.540" ID) (F4A33, W4A33-1)	5	91-Up	42134M	MD731587

F4A32, W4A32, A4AF, A4BF (KM SERIES)

ILL.		QTY.	YEAR	PART No.	REF. No.
	PRESSURE PLATES				
140D	Overdrive (25T) 4.170" ID	1	85-Up	42140C	N.L.
146F	Direct .146" (24T) 4.10" ID	1	89-Up	42146E	MD722559
146F	Direct .195" (26T) 4.120" ID	1	89-Up	42146M	MD739386
148B	Forward .146" (24T) 4.10" ID	1	89-Up	42146E	MD722559
148B	Forward .195" (24T) 4.10" ID Beveled	1	89-Up	42149E	MD732408
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, KM175, 177, 175-5, 176-5, 177-8 (4 Speeds) (Transgo®)	1	88-Up	T42165C	SK® KM175/77
165	Valve Body Kit, KM175-177, F4A33, F4A22 (TransLab)	1	88-Up	A42169C	STL-175-HP
165	Valve Body Kit, A4BF3 (TransLab)	1	00-Up	A42165L	TL-175-6
165	Shift Enhance Kit, KM175-KM177 (Superior)	1	88-Up	A42165C	NSTL-175
	SEALING RINGS				
175H	Ring Kit, KM175-5, 176-5, 177-8	1	89-Up	42175E	N.L.
175H	Ring Kit, A4AF-1, A4AF-2, A4BF-1, A4BF-2	1	93-99	42175E	N.L.
175H	Ring Kit, A4AF-3, A4BF-3	1	00-Up	42175J	N.L.
175H	Ring Kit, F4A33, W4A33-1	1	91-Up	42175M	N.L.
	BEARINGS & RACES				
241C	Bearing, Reverse Sun Gear to Forward Sun Gear (1.108" ID)	1	89-Up	42241E	MD728763
242C	Race, Reverse Sun Gear to Forward Sun Gear (1.104" ID)	1	89-Up	42242E	MD728764
	GASKETS & O-RINGS				
300K	Gasket, Bottom Pan (12 Bolt) (Cork) (Exc. KM177, 177-8) (Fiber = 42300AF)	1	79-Up	42300A	MD739235
300K	Gasket, Bottom Pan (13 Bolt) (Cork) (KM177, 177-8) (Fiber = 42300PF)	1	87-Up	42300P	MD722527
300K	Gasket, Bottom Pan (13 Bolt) (Fiber) (A4AF-1, A4AF-2)	1	93-Up	42300LF	N.L.
300K	Gasket, Bottom Pan (13 Bolt) (Fiber) (A4BF-1, A4BF-3)	1	96-Up	42300LAF	45285-28010
300K	Gasket, Bottom Pan (14 Bolt) (Cork) (Fiber = 42300MF)	1	91-Up	42300M	MD739243
310A	Gasket, Pump (KM's 82-Up)	1-2	82-Up	42310B	MD722385
310A	Gasket, Pump (F4A33, W4A32, W4A33)	1	91-Up	42310M	MD752978
310A	Gasket, Pump (A4AF-1, A4AF-2, A4BF-1, A4BF-3)	1	93-Up	42310L	46156-22040
311A	O-Ring, Pump	1	79-Up	42311A	MD707636
313	Seal, Inner Pump Gear to Conv. Hub	1	89-Up	42313E	MD729928
318E	Gasket, Case to Bell Housing Gasket (18 Hole Metal)	1	89-Up	42318E	MD730804
330	Repair Kit, Overdrive (End Clutch) (KM's)	1	85-Up	42330CAK	N.L.
330	Repair Kit, Overdrive (End Clutch) (Exc. KM's)	1	91-Up	42330MK	N.L.
	TECHNICAL MANUALS				
400H	Tech Manual, KM171, 172	1	79-Up	42400B	MITS KM171
400H	Tech Manual, KM175	1	85-Up	42400C	83-KM175TM
400H	Tech Manual, KM177	1	87-Up	42400P	83-177TM
400H	Tech Manual, F4A33, W4A33-1	1	91-Up	42400M	F4A3-W4A3
400H	Tech Manual, Those Darn KM's Book 1 (ATRA)	1	91-Up	42400D	DKM1
400H	Tech Manual, Those Darn KM's Book 2 (ATRA)	1	91-Up	42400E	DKM2
	ELECTRICAL COMPONENTS				
410	Switch, PRNDL (NSS) (A4AF-3, A4BF-1/2) (11 Pin Connector)	1	98-08	T42410L	N.L.
410	Switch, MLPS (A4AF-3, A4BF1/2)	1	00-11	A42410L	N.L.
420	Solenoid Master Kits (FNX4, RC, TL) (3 OHM, 4 Solenoid) (Rostra)	1	85-92	42420CK	MB725037
420	Solenoid Master Kits (FNX4, RC, TH) (12 OHM, 4 Solenoid) (Rostra)	1	93-Up	42420EK	MB754832
420	Solenoid Master Kits (A4BF3) (6 Solenoids)	1	00-Up	42420LB	N.L.
421	Solenoid, Shift A & B - FNX1, WC (Teckpak)	1	85-Up	42421E	42930
425	Solenoid, TCC, EPC (TCC 85-92) (FNX1, WC, TL) (Rostra)	1	85-Up	42425E	42935
425	Solenoid, TCC, EPC (TCC 85-92) (FNX1, WC, TL) (Teckpak)	1	85-Up	T42425E	N.L.
425	Solenoid, TCC (FNX1, WC, TH) (Rostra)	1	93-Up	42425EA	42936
425	Solenoid, TCC (FNX1, WC, TH) (Teckpak)	1	93-Up	T42425EA	N.L.
431	Solenoid, EPC 1st Design w/ Extended Nose (ENX1, WC) (OEM)	1	85-88	42431A	N.L.
431	Solenoid, EPC 2nd Design w/ Flat Nose (FNX1, WC) (Rostra)	1	89-Up	42431	N.L.
	FN = Flat Nose & Qty, EN = Extended Nose & Qty				
	TL = TCC Low (3) OHMS, TH = TCC (12) High OHMS				
	Flat Nose Body Length is 1.5" , Extended Nose is 1.25" w/ .5" Plastic Nose				
436J	Pulse Generator, Input/Output w/ Harness (KM177) (Gray Tape)	1	88-98	T42436P	N.L.
436J	Pulse Generator, Input/Output w/ Harness (KM178) (Blue Tape)	1	93-99	T42436G	N.L.
436J	Pulse Generator, Input/Output w/ Harness (F4A32) (Blue Tape)	1	93-99	T42436G	N.L.
436J	Pulse Generator, Input/Output w/ Harness (F4A33) (Orange Tape)	1	91-99	T42436M	N.L.
436J	Pulse Generator, Input/Output w/ Harness (A4BF-3) (Red Tape)	1	99-Up	T42436LB	N.L.
437	Sensor, Transmission Oil Temperature (TOT) (KM176-5)	1	89-95	42437J	N.L.

F4A32, W4A32, A4AF, A4BF (KM SERIES)

ILL.		QTY.	YEAR	PART No.	REF. No.
	PUMPS				
500A	Pump, KM171-5	1	89-Up	42500H	N.L.
500A	Pump, KM175-5	1	89-Up	42500E	N.L.
500A	Pump, KM177-8	1	89-Up	42500G	N.L.
500A	Pump, Elantra	1	96-99	42500JB	4611035000
500A	Pump, Elantra	1	2000	42500JC	4611028813
500A	Pump, Elantra	1	01-Up	42500JD	4611039000
500A	Pump, Accent	1	95-99	42500JA	4611022000
500A	Pump, Accent (00-L04 must replace both 42500LA & 42555GC Drum)	1	00-04	42500LA	46110-22730
500A	Pump, Accent (L04-Up)	1	04-Up	42500LA	46110-22730
500A	Pump, F4A33, W4A33-1 (w/ 1 Ring on Input Shaft)	1	91-Up	42500M	N.L.
500A	Pump, F4A33, W4A32-1, W4A33-1 (w/ 3 Rings on Input Shaft)	1	91-Up	42500MA	N.L.
510A	Pump Body & Gears, KM171-5, 175-5, 176-5, 177-8	1	89-Up	42510E	N.L.
530	Pump Gears, F4A33-1 (11T)	1	91-Up	42530B	N.L.
	DRUMS & CLUTCH HUBS				
555A	Direct, KM171-5	1	89-Up	42555H	N.L.
555A	Direct, KM175	1	85-88	42555C	N.L.
555A	Direct, KM175-5, 177-8	1	89-Up	42555E	N.L.
555A	Direct, KM176-5	1	89-Up	42555H	N.L.
555A	Direct, A4AF3 (00-L04 must also update w/ 42500LA Pump)	1	00-04	42555GC	4548022800
555A	Direct, A4BF3 (L04-Up)	1	04-Up	42555GC	4548022800
555A	Direct, F4A32 (2 Clutch) (1 Bushing Drum) (Also KM171-5, 176-5)	1	91-Up	42555H	N.L.
555A	Direct, W4A32-1 (3 Clutch) (2 Bushings In Drum)	1	91-Up	42555E	N.L.
555A	Direct, F4A33, W4A33-1 (4 Clutch) (2 Bushing In Drum)	1	91-Up	42555M	N.L.
570D	Clutch Hub, Overdrive KM177-8	1	89-Up	42570G	N.L.
	PLANETS				
583C	Planet Kit, KM175-5 (No Groove) (Can Use 42583EA)	1	89-Up	42583E	N.L.
583C	Planet Kit, KM175-5 (1 Groove) (Can Use 42583E)	1	89-Up	42583EA	N.L.
583C	Planet Kit, KM176-5	1	89-Up	42583J	N.L.
583C	Planet Kit, KM177-8 (No Groove)	1	89-Up	42583G	N.L.
583C	Planet Kit, KM177-8 (w/ 1 Groove)	1	89-Up	42583GA	N.L.
583C	Planet Kit, F4A32	1	91-Up	42583J	N.L.
583C	Planet Kit, F4A33, W4A33-1	1	91-Up	42583M	N.L.
583C	Planet Kit, W4A32-1	1	91-Up	42583GA	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
622G	Shell (12 Lugs, .500” Long) (89-Up Exc. F4A33, W4A33-1)	1	89-Up	42622H	45641-22810
622G	Shell (12 Lugs, .750” Long) (89-Up Exc. F4A33, W4A33-1)	1	89-Up	42622E	45641-28810
622G	Shell, F4A33, W4A33-1	1	91-Up	42622M	N.L.
630G	Center Support, KM171-5, 176-5 (Steel)	1	89-Up	42630H	N.L.
630G	Center Support, KM172-5, 175-5, 177-8 (Steel)	1	89-Up	42630E	N.L.
630G	Center Support, F4A32 (Steel, 1.460” Wide)	1	91-Up	42630H	N.L.
630G	Center Support, F4A33, W4A33-1 (Steel, 1.535” Wide)	1	91-Up	42630M	N.L.
630G	Center Support, W4A32-1 (Steel, 1.585” Wide)	1	91-Up	42630E	N.L.
	ONE WAY CLUTCHES				
654C	Sprag, .570” Wide KM170, 171	1	79-88	42654B	MD955380
654C	Sprag, .620” Wide KM175, 177	1	90-Up	42654D	45783-36061
654C	Sprag, .700” Wide w/ 26 Lugs (2.930” Diameter)	1	89-Up	A74658	MD711342
654C	Sprag, .700” Wide w/ 28 Lugs (3.130” Diameter)	1	91-Up	42654M	MD731785
	VALVE BODIES				
740J	Valve Body (Premium) 3 OHM (KM Series)	1	89-Up	P42740-3	N.L.
740J	Valve Body (Premium) 14 OHM (KM Series)	1	93-Up	P42740-2	N.L.
740J	Valve Body (A4AF3) (6 Solenoid)	1	01-Up	42740P	N.L.
741H	Manual Valve, Increases Converter Charge Pressure (4 Speeds)	1	85-Up	42741AM-1	41750-03
	MISCELLANEOUS COMPONENTS				
N.I.	Bearing & Race Package, Output Clutch to End Clutch (.160” Thick) (Hyundai)	1	00-05	42203K	45525-22800
N.I.	Bearing & Race Package, Output Clutch to End Clutch (.190” Thick) (Hyundai)	1	05-Up	42203AK	45525-22810
775	Bolt, KM Converter 11mm x 1.50” Threads	4	79-Up	M464MA	N.L.
N.I.	Nut, End Clutch (Hyundai)	1	00-Up	42795	45819-22700
775	Bolt, KM Converter 11mm x 1.25” Threads	4	79-Up	M464MB	N.L.
857G	Wave Ring, Low/ Reverse (5 3/16” OD) KM171, 172, 175	1	83-88	42857B	MD707399
857G	Wave Ring, Low/ Reverse (5 7/16” OD) KM171-5, 172-5, 175-5, 176-5, 177-8	1	89-Up	42857G	MD719830
857G	Wave Ring, Low/ Reverse, W4A32-1	1	91-Up	42857G	MD719830

F4A32, W4A32, A4AF, A4BF (KM SERIES)

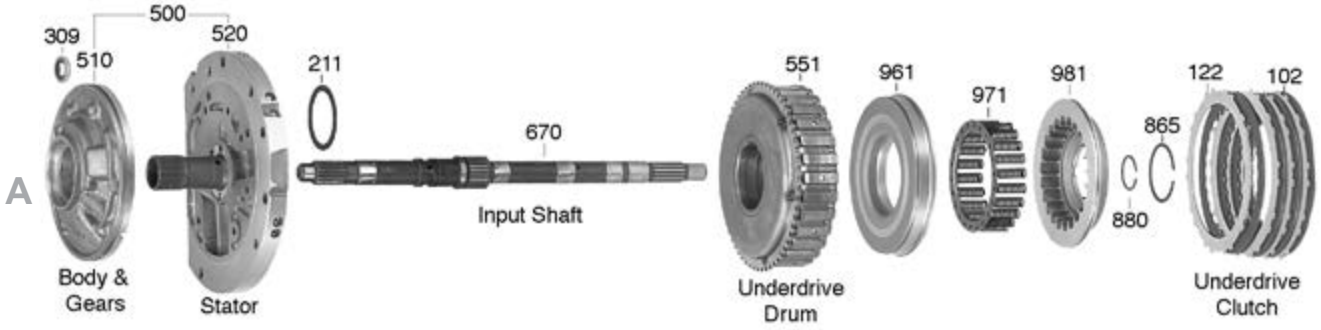
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
974B	Return Spring, Forward (12 Fingers)	1	83-Up	42974A	MD707250
974B	Return Spring, Forward (15 Fingers)	1	85-Up	42974C	MD730691
974B	Return Spring, Forward (25 Fingers)	1	83-Up	42974B	N.L.

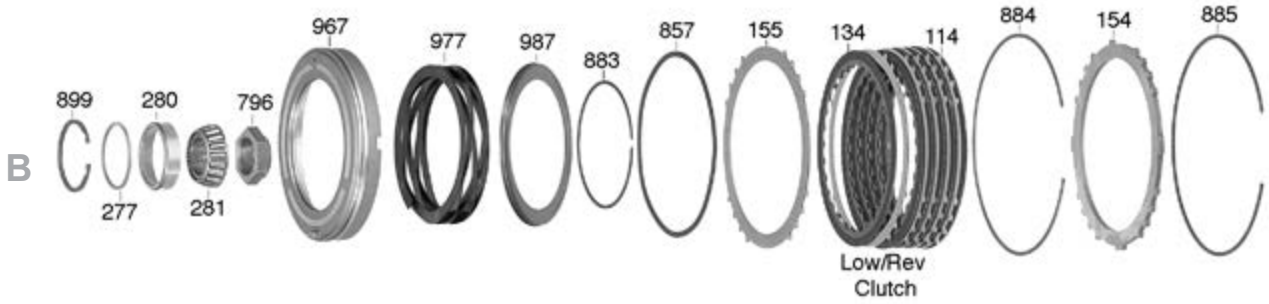
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Manual Valve (All KM 4 Speeds exc Hyundai)	N.I.	N.I.	S42741AM-1	41750-03

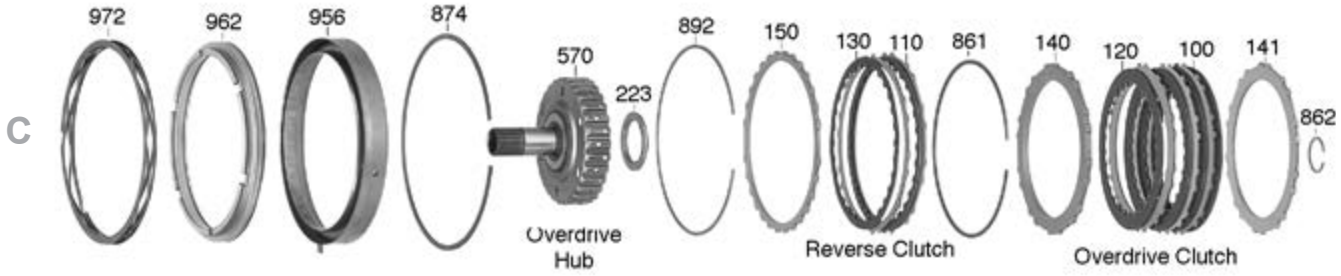
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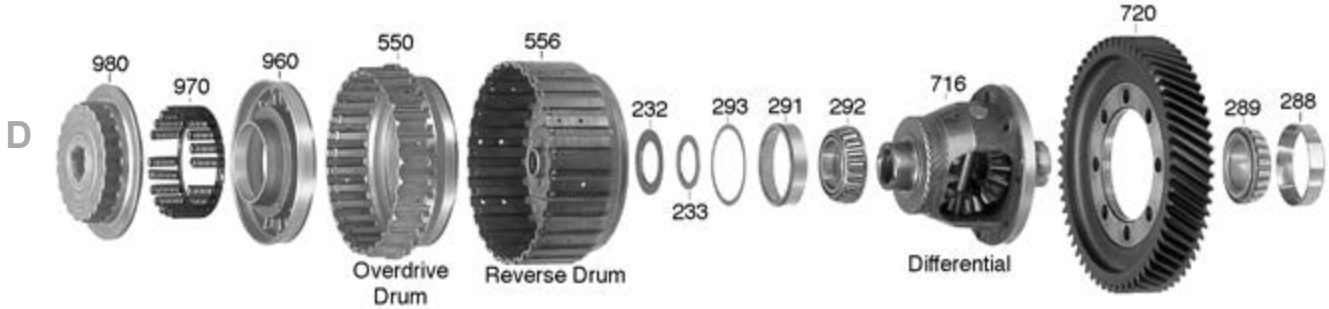
Notes

F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1



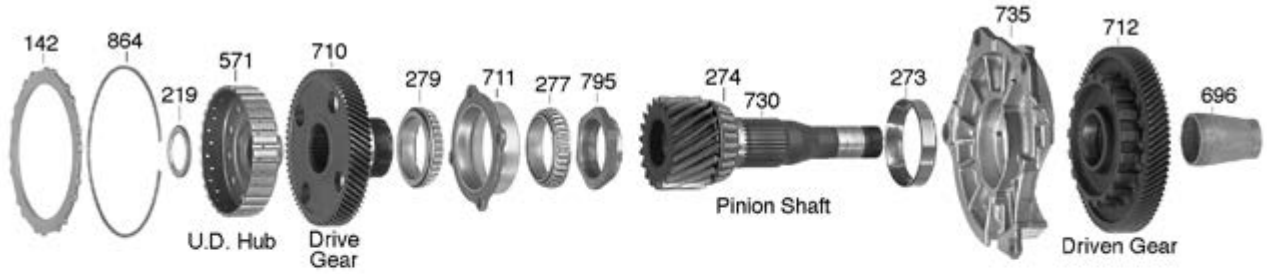






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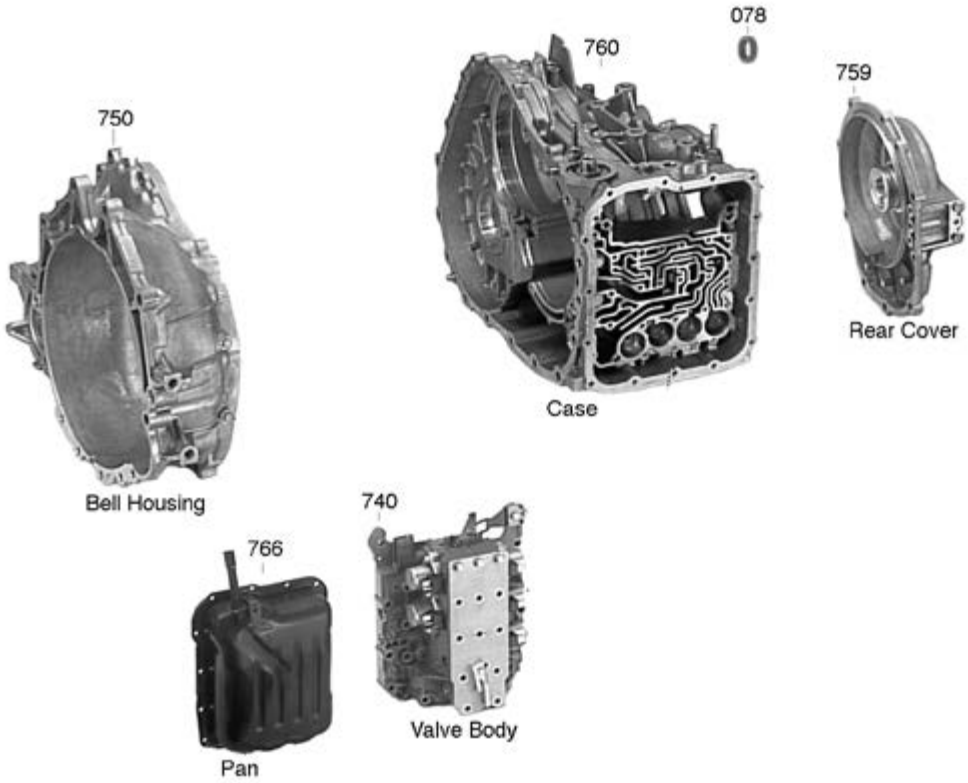
F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1



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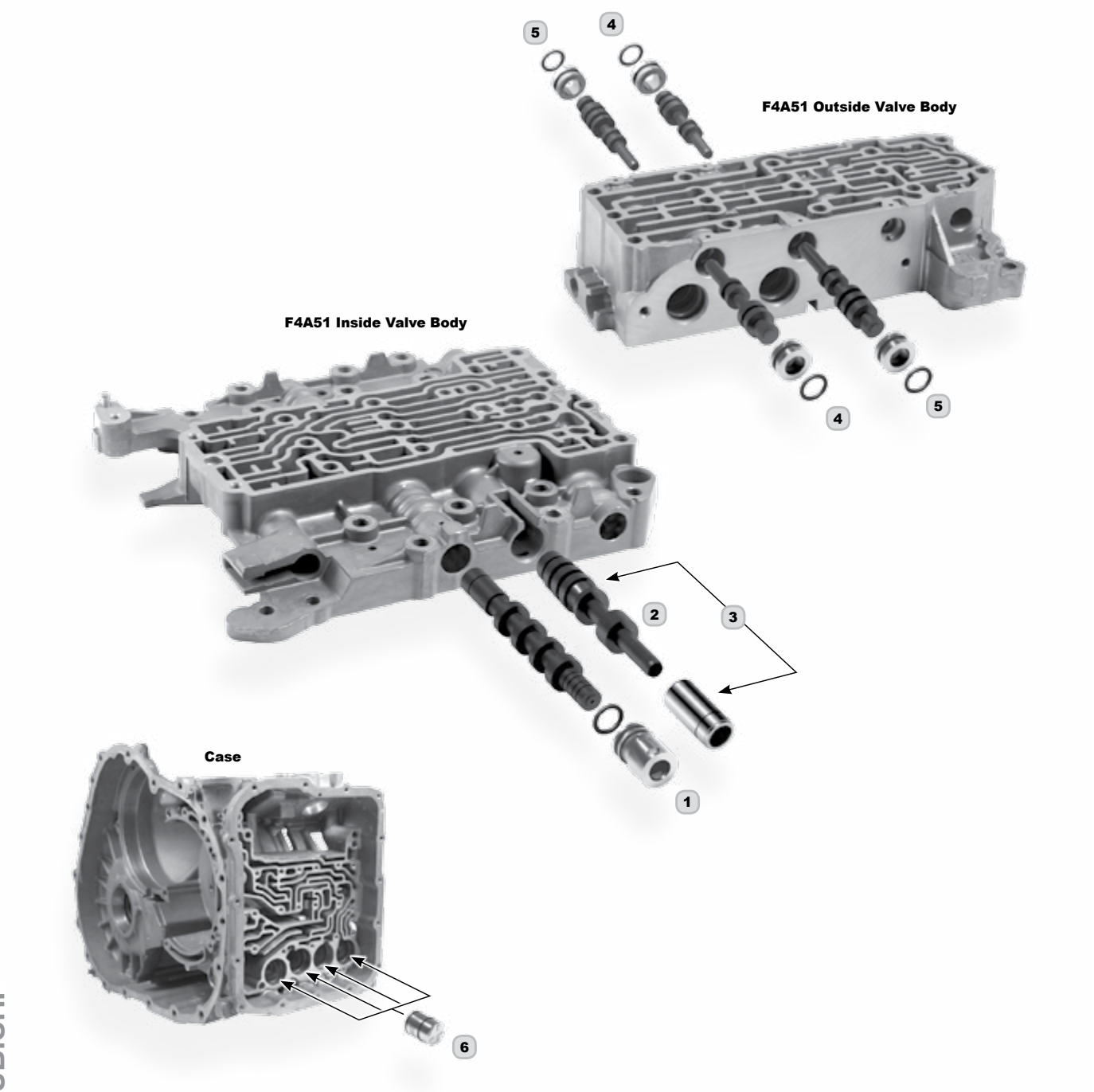


F



G

VALVE BODY
GUIDE



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F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1


82300F


82300AF


82010


82010A


82010B


82010C

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	F4A41, F4A42, F4A4B	1	96-Up	82006	N.L.
006	F4A51, F4A5A, W4A5A	1	96-Up	82006A	N.L.
006	F5A51, F5A5A	1	01-Up	82006B	N.L.
006	A5GF1	1	05-Up	82006G	N.L.
006	A5HF1	1	05-Up	82006H	N.L.
	LESS STEEL KITS				
004	F4A41, F4A42, F4A4B	1	96-Up	82004	N.L.
004	F4A51, F4A5A, W4A5A	1	96-Up	82004A	N.L.
004	F5A51, F5A5A	1	01-Up	82004B	N.L.
004	A5GF1	1	05-Up	82004G	N.L.
004	A5HF1	1	05-Up	82004H	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	F4A41, F4A42, F4A4B	1	96-Up	82002	N.L.
002	F4A51, F4A5A, W4A5A	1	96-Up	82002A	N.L.
002	F5A42	1	99-Up	82002C	N.L.
002	F5A51, F5A5A	1	01-Up	82002B	N.L.
002	A5GF1	1	05-Up	82002G	N.L.
002	A5HF1	1	05-Up	82002H	N.L.
	FILTERS				
010	Hyundai (F4A41, F4A42, F4A51, F4A52, F5A51, F5A5A, A5GF1, A5HF1)	1	99-Up	82010B	46321-39010
010	Chrysler, Mitsubishi (F4A41, F4A42)	1	96-Up	82010	MD758691
010	Chrysler, Mitsubishi (F4A51, F5A51) (96-4/99)	1	96-E99	82010A	MD758684
010	Chrysler, Mitsubishi (F4A51, F5A51) (5/99-Up)	1	L99-Up	82010C	MR350441
013	Filter, Spin On (F4A41, F4A42, F4A51)	1	99-Up	82013	MD752072
	BANDS				
026	Reduction Band (F5A51 Only)	1	01-Up	142026	MD762016
	BUSHINGS				
030	Bushing Kit (F4A41, F4A42)	1	96-Up	82030	N.L.
030	Bushing Kit (F4A51)	1	96-Up	82030A	N.L.
034	Pump Bushing (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82034	N.L.
	METAL CLAD SEALS				
070	Front (F4A41, F4A42, F4A51, F5A51)	1	96-Up	42070A	MD707575
076	Axle, Left (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82076	MD758763
076	Axle, Left (A5GF-1, A5HF-1)	1	05-Up	82076C	N.L.
076	Axle, Right (F4A41, F4A42, F4A51, F5A51) (Exc Awd)	1	96-Up	82076	MD758763
076	Axle, Right (F4A41, F4A42, F4A51, F5A51) (Awd)	1	96-Up	82076A	MD758763
076	Axle, Right (A5GF-1, A5HF-1)	1	05-Up	82076C	N.L.
	FRICTION PLATES				
100C	Overdrive (5.35” OD) (F4A41, F4A42, A5GF1)	3-5	96-Up	82100	45422-39000
100C	Overdrive (5.82” OD) (F4A51, F5A51)	3-4	96-Up	82100A	45525-39501
102A	Underdrive (5.35” OD) (F4A41, F4A42, A5GF1)	3-5	96-Up	82100	45422-39000
102A	Underdrive (5.82” OD) (F4A51, F5A51)	3-4	96-Up	82100A	45525-39501
104F	2nd Brake (6.18” OD) (F4A41, F4A42, A5GF1)	2-4	96-Up	82104	45625-39000
104F	2nd Brake (7.03” OD) (F4A51, F5A51)	2-4	96-Up	82104A	45625-39500
106	Direct (F5A51)	3-5	01-Up	82106	N.L.
106	Direct (A5GF1)	4	05-Up	82106G	N.L.
110C	Reverse (5.87” OD) (F4A41, F4A42, A5GF1)	2-3	96-Up	82110	45445-39000

F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES (Cont.)				
110C	Reverse (6.53" OD) (F4A51, F5A51)	2	96-Up	82110A	45445-39500
114B	Low/ Reverse (6.18" OD) (F4A41, F4A42, A5GF1)	6-7	96-Up	82114	45632-39000
114B	Low/ Reverse (7.03" OD) (F4A51, F5A51)	4-6	96-Up	82114A	45632-39500
119	Friction Module, A5HF1	1	96-Up	82119H	N.L.
	STEEL PLATES				
120C	Overdrive (4.65" ID) (F4A41, F4A42, A5GF1)	3-5	96-Up	82120	N.L.
120C	Overdrive (4.85" ID) (.099") (F4A51, F5A51)	3	96-Up	82120A	N.L.
120C	Overdrive (4.85" ID) (.118") (F4A51, F5A51) (Selective)	AR	96-Up	82120B	N.L.
122A	Underdrive (F4A41, F4A42, A5GF1)	3-5	96-Up	82122	N.L.
122A	Underdrive (F4A51, F5A51)	3-4	96-Up	82122A	N.L.
124F	2nd Brake (.079") (17T) (F4A41, F4A42)	AR	96-Up	82124C	N.L.
124F	2nd Brake (.099") (16T) (F4A51, F5A51)	2	96-Up	82124A	N.L.
124F	2nd Brake (.099") (17T) (F4A41, F4A42, A5GF1)	1-3	96-Up	82124	N.L.
126	Direct (F5A51)	3-4	01-Up	82126	N.L.
126	Direct (A5GF1)	4	01-Up	82126G	N.L.
130C	Reverse (5.25" ID) (F4A41, F4A42, A5GF1)	2-3	96-Up	82130	N.L.
130C	Reverse (6.00" ID) (F4A51, F5A51)	2	96-Up	82130A	N.L.
134B	Low/ Reverse (16T) (6.29" ID) (F4A51, F5A51)	3-5	96-Up	82134A	N.L.
134B	Low/ Reverse (17T) (5.54" ID) (F4A41, F4A42, A5GF1)	3-6	96-Up	82134	N.L.
134B	Low/ Reverse (A5GF1)	1	06-Up	82134G	N.L.
139	Friction Module, A5HF1	1	96-Up	82139H	N.L.
	PRESSURE PLATES				
140C	Overdrive (F4A41, F4A42)	1	96-Up	82140	N.L.
140C	Overdrive (F4A51, F5A51) (.235" Thick)	1	96-Up	82140B	N.L.
142E	Underdrive (F4A41, F4A42)	1	96-Up	82142	N.L.
142E	Underdrive (F5A41, F5A51)	1	01-Up	82142B	N.L.
144F	2nd Brake (Apply) (F4A41, F4A42)	1	96-Up	82144	N.L.
144F	2nd Brake (Apply) (F5A41, F5A51)	1	01-Up	82144B	N.L.
150C	Reverse (F4A41, F4A42)	1	96-Up	82150	N.L.
150C	Reverse (F5A41, F5A51)	1	01-Up	82150B	N.L.
154B	Low/ Reverse (F4A41, F4A42)	1	96-Up	82148	MD763673
154B	Low/ Reverse (F5A41, F5A51)	1	01-Up	82148A	MD760331
	SEALING RINGS				
175G	Sealing Ring Kit (F4A41, F4A42, F4A4B, F4A51, F4A5A)	1	96-Up	82175	N.L.
175G	Sealing Ring Kit (F5A51, F5A5A)	1	97-Up	82175B	N.L.
175G	Sealing Ring Kit (A5GF-1, A5HF-1)	1	05-Up	82175E	N.L.
	THRUST WASHERS				
211A	Pump (F4A41, F4A42)	1	96-Up	82211	N.L.
	BEARINGS & RACES				
201	Bearing Kit (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82201	N.L.
	GASKETS & O-RINGS				
300	Gasket, VB Cover (F4A41, F4A42)	1	96-Up	82300F	N.L.
300	Gasket, VB Cover (F4A51, F5A51, F5A5A, A5GF1, A5HF1)	1	97-Up	82300AF	N.L.
310	Gasket, Pump (F4A41, A4A42, F4A4B, A5GF1)	1	96-Up	82310B	MD758461
310	Gasket, Pump (F4A51, F5A51, F5A5A, A5HF1)	1	97-Up	82310A	MD752800
310	O-Ring, Pump (All)	1	96-Up	82311A	MD755373
320	Gasket, Valve Body	1	96-Up	82320	N.L.
	TECHNICAL MANUALS				
400G	Tech Manual (F4A41, F4A42, F4A51) (ATSG)	1	96-Up	82400	TM-F4A51
	ELECTRICAL COMPONENTS				
421	Solenoid, Shift (F4A41, F4A42, F4A51, F5A51)	5-6	96-Up	82421	MD758981
431	Solenoid, VFS (EPC) (F4A41, F4A42, F4A51, F5A51)	1	05-Up	82431	N.L.
436	Sensor, Output Speed (VSS) (Hyundai) (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82436	42621-39200
437	Sensor, Transmission Oil Temperature (TOT) (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82437	MD755848
438	Sensor, Input Speed (TSS) (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82438	42620-39200
446	Harness, Internal (F4A41, F4A42) (TOT Sensor Not Included) (Units w/o VFS)	1	96-05	82446A	MD759284
446	Harness, Internal (F4A41, F4A42) (TOT Sensor Not Included) (Units w/ VFS)	1	05-Up	82446B	MN171613
446	Harness, Internal (F5A51) (TOT Sensor Not Included) (Units w/o VFS)	1	01-E05	82446C	46308-39550
446	Harness, Internal (F5A51) (TOT Sensor Not Included) (Units w/ VFS)	1	05-Up	82446D	N.L.

F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1

ILL.		QTY.	YEAR	PART No.	REF. No.
	PUMPS				
500A	Pump Assembly (F4A41, F4A42)	1	96-Up	82500A	MR593521
500A	Pump Assembly (F4A51, F5A51)	1	96-Up	82500B	MD763202
510A	Pump Body w/ Gears (F4A51, F4A42, F5A51)	1	96-Up	82510AA	N.L.
	DRUMS & CLUTCH HUBS				
550D	Drum, Overdrive (3 Clutch) (F4A41, F4A42)	1	96-00	82550	N.L.
550D	Drum, Overdrive (4 Clutch) (F4A41, F4A42)	1	01-Up	82550A	N.L.
550D	Drum, Overdrive (4 Clutch) (F4A51, F5A51)	1	96-Up	82550B	N.L.
551A	Drum, Underdrive (3 Clutch) (F4A41, F4A42)	1	96-Up	82551	N.L.
551A	Drum, Underdrive (4 Clutch) (F4A41, F4A42)	1	96-Up	82551AA	N.L.
551A	Drum, Underdrive (4 Clutch) (F4A51, F5A51)	1	96-Up	82551A	N.L.
555	Drum, Direct (F5A51)	1	01-Up	82555	N.L.
556D	Drum, Reverse (6.25" OD) (F4A41, F4A42)	1	96-Up	82556	N.L.
556D	Drum, Reverse (7.00" OD) (F4A51, F5A51)	1	96-Up	82556A	N.L.
556D	Drum Kit, Reverse/Overdrive (6.25" OD Reverse) (F4A41, F4A42)	1	96-Up	82556AK	N.L.
556D	Drum Kit, Reverse/Overdrive (7.00" OD Reverse) (F4A51, F5A51)	1	96-Up	82556BK	N.L.
570C	Hub, Overdrive (4.650" OD) (F4A41, F4A42)	1	96-Up	82570	N.L.
570C	Hub, Overdrive (4.760" OD) (F4A51, F5A51)	1	96-Up	82570A	N.L.
571E	Hub, Underdrive (4.515" OD) (F4A41, F4A42)	1	96-Up	82571	N.L.
571E	Hub, Underdrive (4.715" OD) (F4A51, F5A51)	1	96-Up	82571A	N.L.
572F	Hub, 2nd (4.995" OD) (F4A41, F4A42)	1	96-Up	82572	N.L.
572F	Hub, 2nd (5.900" OD) (F4A51, F5A51)	1	96-Up	82572A	N.L.
	PLANETS				
583	Geartrain (F4A41, F4A42)	1	96-Up	82583	N.L.
583	Geartrain (F4A51) (38T/25T Sun Gear)	1	96-Up	82583A	N.L.
583	Geartrain (F5A51) (38T/31T Sun Gear)	1	01-Up	82583B	N.L.
583	Geartrain (F5A51) (25T/42T Sun Gear)	1	01-Up	82583BA	N.L.
582F	Planet, Input (F4A41, F4A42) (18T Pinion Gears)	1	96-Up	82582	N.L.
582F	Planet, Input (F4A51, F5A51) (21T Pinion Gears)	1	96-Up	82582A	N.L.
584F	Planet, Reaction (F4A41, F4A42)	1	96-Up	82584	N.L.
584F	Planet, Reaction (F4A51)	1	96-Up	82584A	N.L.
584F	Planet, Reaction (F5A51)	1	01-Up	82584B	N.L.
586	Planet, Direct (F5A51)	1	01-Up	82586	N.L.
594F	Ring Gear, Rear (Non Sprag Type) (F4A41, F4A42)	1	96-Up	82594	N.L.
594F	Ring Gear, Rear (Non Sprag Type) (F4A51)	1	96-Up	82594B	N.L.
594F	Ring Gear, Rear (Sprag Type) (F4A41, F4A42)	1	96-Up	82594A	N.L.
594F	Ring Gear, Rear (Sprag Type) (F4A51, F5A51)	1	96-Up	82594C	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614F	Sun Gear, Front (F4A41, F4A42)	1	96-Up	82614	N.L.
614F	Sun Gear, Front (F4A51)	1	96-Up	82614A	N.L.
614F	Sun Gear, Front (F5A51)	1	01-Up	82614B	N.L.
	ONE WAY CLUTCHES				
642	Sprag Assembly, Low (F4A41, F4A42)	1	96-Up	82642	N.L.
642	Sprag Assembly, Low (F4A51, F5A51)	1	96-Up	82642B	N.L.
644	Sprag Assembly, Underdrive (F5A51)	1	01-Up	82644	N.L.
654	Sprag, Low (F4A51, F5A51)	1	96-Up	82654	MD763676
	SHAFTS				
670A	Input (13 1/4") (F4A41, F4A42)	1	96-Up	82670	N.L.
670A	Input (15 1/8") (3 Holes) (F4A51)	1	96-Up	82670A	N.L.
670A	Input (15 1/8") (4 Holes) (F5A51)	1	01-Up	82670B	N.L.
	DIFFERENTIALS				
715	Differential Kit (F4A42)	1	96-Up	82715K	N.L.
	VALVE BODIES				
740G	Valve Body (Premium) (5 Solenoids) (F4A41, F4A42, F4A51)	1	96-Up	P82740-1	N.L.
740G	Valve Body (Premium) (6 Solenoids) (F5A51)	1	97-Up	P82740-2	N.L.
740G	Valve Body (5 Solenoids) (F4A51)	1	96-Up	82740B	N.L.
740G	Valve Body (6 Solenoids) (F5A51)	1	97-Up	82740A	N.L.

F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750G	Bell Housing (F4A41, F4A42) (Cast F4A42 39600)	1	96-Up	82750BA	N.L.
750G	Bell Housing (F4A41, F4A42) (Cast F4A42)	1	96-Up	82750	N.L.
750G	Bell Housing (F4A41, F4A42) (Cast MD756902)	1	96-Up	82750A	N.L.
750G	Bell Housing (F4A41, F4A42) (Cast MD760815)	1	96-Up	82750B	N.L.
750G	Bell Housing (F4A51) (Cast 500278)	1	96-Up	82750DA	N.L.
750G	Bell Housing (F4A51) (Cast MD759244)	1	96-Up	82750D	N.L.
750G	Bell Housing (F5A51) (Cast F5A51)	1	01-Up	82750E	N.L.
750G	Bell Housing (W4A42 Awd) (Cast MD762647)	1	96-Up	82750C	N.L.
750G	Bell Housing (W4A51 Awd) (Cast F5A51)	1	96-Up	82750CA	N.L.
760G	Case (10 Bolt Cover) (F4A41, F4A42) (No Spin On Filter)	1	96-Up	82760A	N.L.
760G	Case (10 Bolt Cover) (F4A41, F4A42) (Spin On Filter)	1	96-Up	82760	N.L.
760G	Case (10 Bolt Cover) (F4A51) (Spin On Filter (Bottom Drain Plug)	1	96-Up	82760BA	N.L.
760G	Case (10 Bolt Cover) (W4A42 Awd) (No Spin On Filter)	1	96-Up	82760AC	N.L.
760G	Case (10 Bolt Cover) (F4A51) (Spin On Filter) (Rear Drain Plug)	1	96-Up	82760B	N.L.
760G	Case (12 Bolt Cover) (F4A41, F4A42) (No Spin On Filter)	1	96-Up	82760AB	N.L.
760G	Case (12 Bolt Cover) (F4A41, F4A42) (Spin On Filter)	1	96-Up	82760AA	N.L.
760G	Case (14 Bolt Cover) (F5A51)	1	01-Up	82760C	N.L.
759G	Rear Cover (10 Bolt) (F4A41 (F4A42)	1	96-Up	82759AA	N.L.
759G	Rear Cover (10 Bolt) (F4A51)	1	96-Up	82759A	N.L.
759G	Rear Cover (12 Bolt) (F4A41 (F4A42)	1	96-Up	82759	N.L.
759G	Rear Cover (12 Bolt) (F4A51)	1	96-Up	82759AC	N.L.
759G	Rear Cover (14 Bolt) (F5A51)	1	01-Up	82759B	N.L.
766G	Side Cover (F4A41, F4A42) (1.875” Dipstick Tube)	1	96-Up	82766	N.L.
766G	Side Cover (F4A41, F4A42) (3.500” Dipstick Tube)	1	96-Up	82766A	N.L.
766G	Side Cover (F4A51) (1.000” Dipstick Tube)	1	96-Up	82766B	N.L.
766G	Side Cover (F4A51) (3.500” Dipstick Tube)	1	96-Up	82766BA	N.L.
766G	Side Cover (F5A51) (2.125” Dipstick Tube)	1	01-Up	82766C	N.L.
	MISCELLANEOUS COMPONENTS				
690	Parking Gear (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82690	N.L.
695	Park Pawl (F4A41, F4A42, F4A51, F5A51)	1	96-Up	82695	N.L.
710E	Output Gear, Drive (F4A41, F4A42) (42T)	1	96-Up	82710	N.L.
710E	Output Gear, Drive (F4A41, F4A42) (49T)	1	96-Up	82710A	N.L.
710E	Output Gear, Drive (F4A41, F4A42) (67T)	1	96-Up	82710B	N.L.
710E	Output Gear, Drive (F4A51) (70T)	1	96-Up	82710C	N.L.
710E	Output Gear, Drive (F5A51) (75T)	1	01-Up	82710D	N.L.
711E	Support, Output Gear (F4A41, F4A42)	1	96-Up	82711	N.L.
711E	Support, Output Gear (F5A41, F5A51)	1	01-Up	82711A	N.L.
712E	Transfer Gear, Driven (F4A41, F4A42) (47T)	1	96-Up	82712	N.L.
712E	Transfer Gear, Driven (F4A41, F4A42) (75T) (No groove)	1	96-Up	82712A	N.L.
712E	Transfer Gear, Driven (F4A41, F4A42) (75T) (1 Groove)	1	96-Up	82712B	N.L.
712E	Transfer Gear, Driven (F4A51) (83T)	1	96-Up	82712C	N.L.
712E	Transfer Gear, Driven (F5A51) (89T)	1	01-Up	82712D	N.L.
730E	Pinion Gear w/ Shaft (F4A41, F4A42) (18T)	1	96-Up	82730	N.L.
730E	Pinion Gear w/ Shaft (F4A41, F4A42) (19T)	1	96-Up	82730A	N.L.
730E	Pinion Gear w/ Shaft (F5A41) (20T)	1	01-Up	82730C	N.L.
730E	Pinion Gear w/ Shaft (F5A41) (21T, 1 groove)	1	01-Up	82730B	N.L.
730E	Pinion Gear w/ Shaft (F5A51) (21T, No groove)	1	01-Up	82730D	N.L.
857B	Wave Ring, Low/ Reverse (F4A42)	1	98-05	82857	MD761393
857B	Wave Ring, Low/ Reverse (F4A51, F5A51) (HD Update)	1	96-Up	82857A	2741A007
905	Servo Assembly, Underdrive (F5A51)	1	01-Up	82905	N.L.
925	Accumulator Assembly, 2nd (F4A51, F5A51)	1	96-Up	82925	N.L.
930	Accumulator Assembly, Direct (F5A51)	1	01-Up	82930	N.L.
935	Accumulator Assembly, Overdrive (F4A51, F5A51)	1	96-Up	82935	N.L.
960D	Piston, Overdrive (F4A41, F4A42) (Cast 500747)	1	96-Up	82960	N.L.
960D	Piston, Overdrive (F5A41, F5A51) (Cast 500754)	1	01-Up	82960A	N.L.
961A	Piston, Underdrive (F4A41, F4A42) (5.355” OD)	1	96-Up	82961	N.L.
961A	Piston, Underdrive (F5A41, F5A51) (5.670” OD)	1	01-Up	82961A	N.L.
962C	Piston, 2nd (F4A41, F4A42) (.690”) (6.650” OD)	1	96-Up	82962	N.L.
962C	Piston, 2nd (F5A41, F5A51) (.655”) (7.500” OD)	1	01-Up	82962A	N.L.
962C	Piston, 2nd (F5A41, F5A51) (.735”) (7.500” OD)	1	01-Up	82962B	N.L.
967B	Piston, Low/ Reverse (F4A41, F4A42) (.655”) (7.5” OD)	1	96-Up	82967B	N.L.
967B	Piston, Low/ Reverse (F4A41, F4A42) (.845”) (6.2” OD)	1	96-Up	82967A	N.L.
967B	Piston, Low/ Reverse (F4A41, F4A42) (.925”) (6.2” OD)	1	96-Up	82967	N.L.
967B	Piston, Low/ Reverse (F4A51) (.655”) (7.5” OD)	1	96-Up	82967B	N.L.
967B	Piston, Low/ Reverse (F5A41, F5A51) (.850”) (7” OD)	1	01-Up	82967D	N.L.
967B	Piston, Low/ Reverse (F5A41, F5A51) (.970”) (7” OD)	1	01-Up	82967C	N.L.

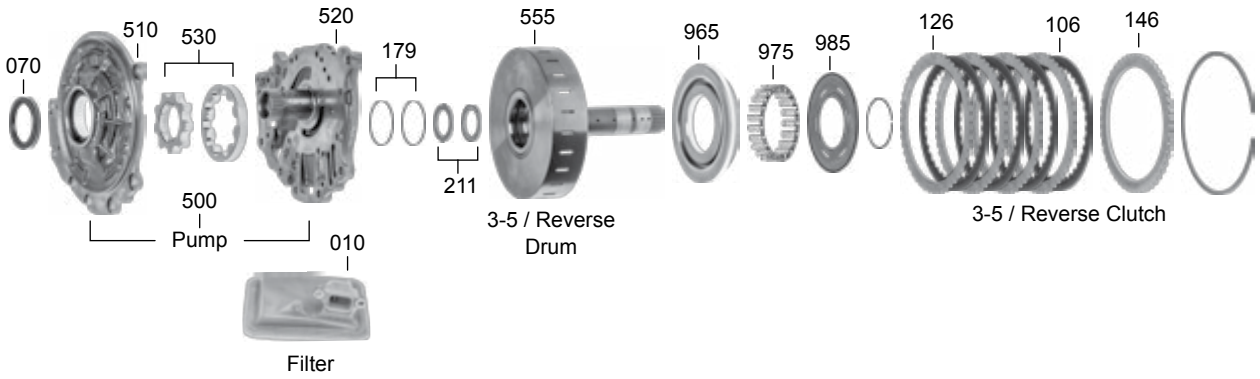
F4A41, F4A51, F5A51, F5A5A, A5GF1, A5HF1

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
970D	Return Spring, Overdrive (F4A41, F4A42) (18 Pieces)	1	96-Up	82970	N.L.
970D	Return Spring, Overdrive (F5A41, F5A51) (20 Pieces)	1	01-Up	82970A	N.L.
971A	Return Spring, Underdrive (F4A41, F4A42) (18 Pieces, 1.020" tall)	1	96-Up	82971	N.L.
971A	Return Spring, Underdrive (F5A41, F5A51) (20 Pieces, 1.150" tall)	1	01-Up	82971A	N.L.
972C	Return Spring, 2nd (F4A41, F4A42) (6.800" OD)	1	96-Up	82972	N.L.
972C	Return Spring, 2nd (F5A41, F5A51) (7.650" OD)	1	01-Up	82972A	N.L.
977B	Return Spring, Low/ Reverse (F4A41, F4A42) (5.500" OD)	1	96-Up	82977	N.L.
977B	Return Spring, Low/ Reverse (F5A41, F5A51) (6.500" OD)	1	01-Up	82977A	N.L.
980D	Retainer, Overdrive (F4A41, F4A42) (4.950" OD)	1	96-Up	82980	N.L.
980D	Retainer, Overdrive (F5A41, F5A51) (5.500" OD)	1	01-Up	82980A	N.L.
981A	Retainer, Underdrive (F4A41, F4A42) (4.750" OD)	1	96-Up	82981	N.L.
981A	Retainer, Underdrive (F5A41, F5A51) (5.300" OD)	1	01-Up	82981A	N.L.
987B	Retainer, Low/ Reverse (F4A41, F4A42) (5.500" OD)	1	96-Up	82987	N.L.
987B	Retainer, Low/ Reverse (F5A41, F5A51) (6.500" OD)	1	01-Up	82987A	N.L.
991	Linkage Assembly, Rooster Comb (Cast #1) (F4A41, F4A42)	1	96-Up	82991	N.L.
991	Linkage Assembly, Rooster Comb (Cast #2) (F4A51, F5A51)	1	96-Up	82991B	N.L.
999	Lube Tube (F5A51)	1	01-Up	82999B	N.L.

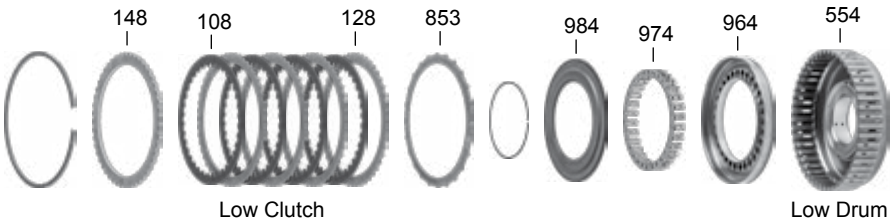
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Piston w/ Dual Seals (96-Up)	N.I.	6	82945	41954-02K
Vol 9	Pressure Control Valve & Sleeve Kit (No Orifice) (96-Up)	N.I.	4	S82741A-1KA	41954-06K
Vol 9	Pressure Control Valve & Sleeve Kit (w/ Orifice (96-Up)	N.I.	5	S82741A-1K	41954-07K
Vol 9	Pressure Regulator Valve O.S. (Spool Dia .495, .572", .607") (T-F-41954-TL15 & T-VB-FIX req)	N.I.	3	S82741P-1K	41954-15K
Vol 9	Pressure Regulator Valve O.S. (Spool Dia .540", .616", .645") (T-F-41954-TL & T-VB-FIX req)	N.I.	2	S82741PAK	41954-01K
Vol 9	Pump Alignment Tool (F4A41, F4A42, F4A51, F5A51)	N.I.	N.I.	T-41005-TL	41005-TL
Vol 9	Pump Bushing (F4A41, F4A42, F4A51, F5A51) (T-41005-TL req)	N.I.	N.I.	82034	41005-01
Vol 9	TCC Control Valve & Sleeve Kit (96-Up)	N.I.	1	S82741C-1K	41954-03K

Notes

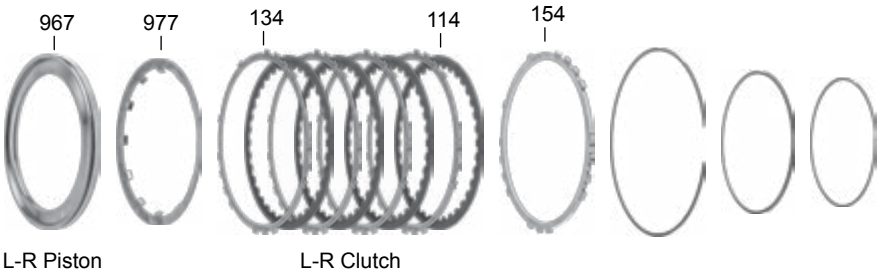
A


070
510
530
520
179
555
965
975
985
126
106
146
211
500
Pump
3-5 / Reverse Drum
3-5 / Reverse Clutch
010
Filter

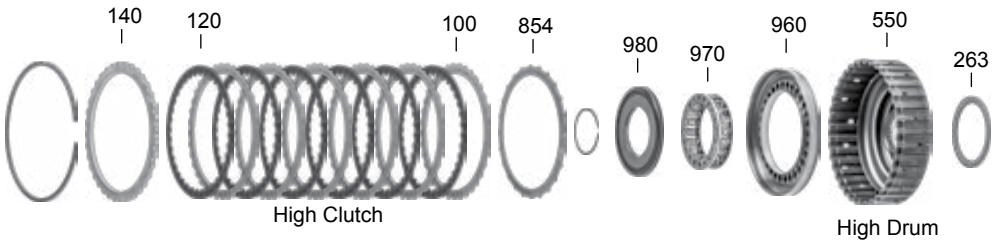
B


148
108
128
853
984
974
964
554
Low Clutch
Low Drum

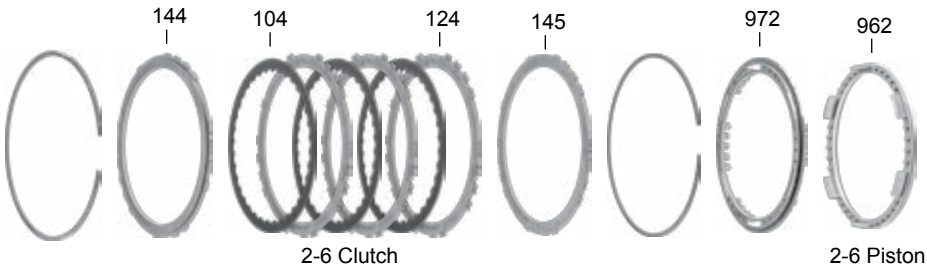
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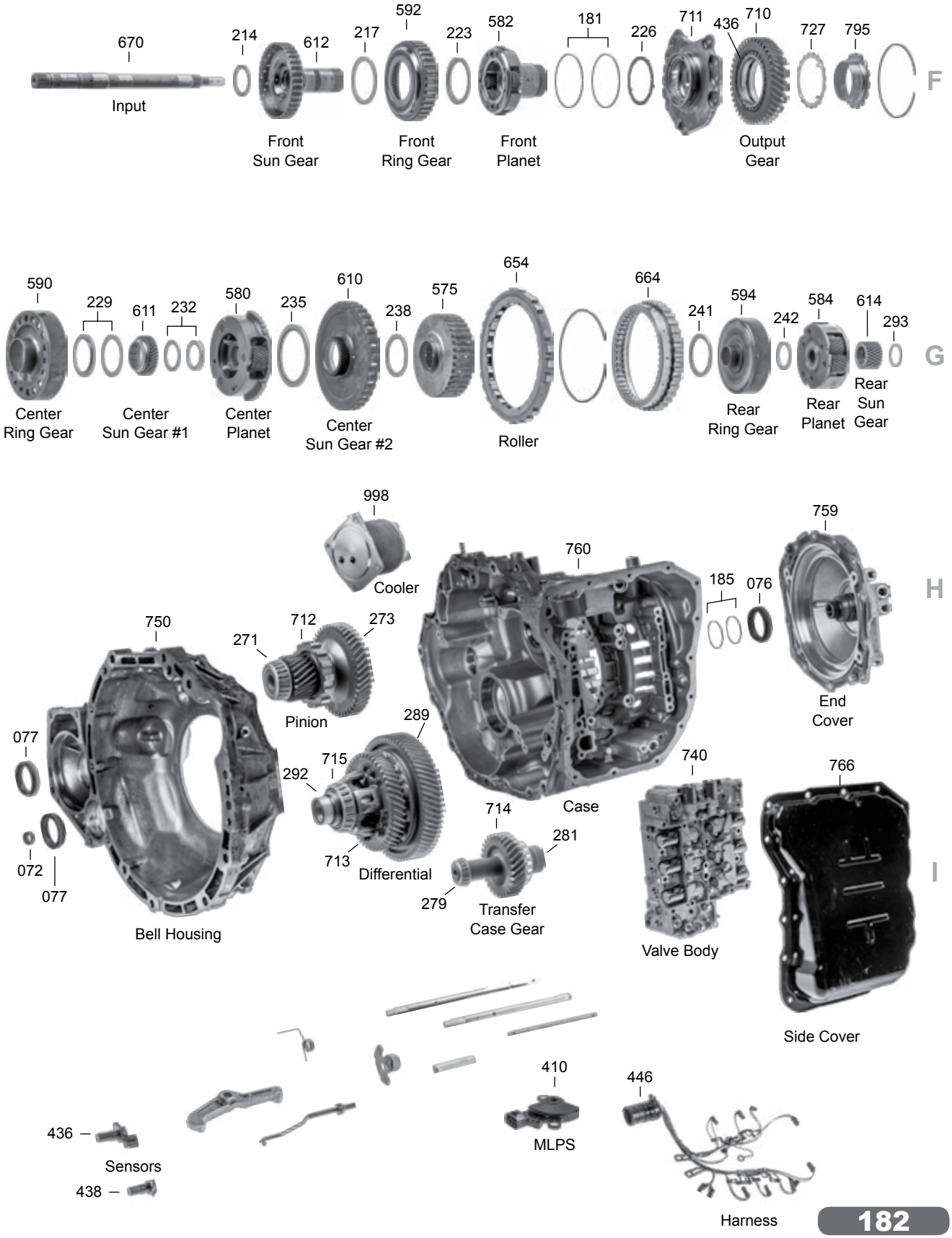

967
977
134
114
154
L-R Piston
L-R Clutch

D


140
120
100
854
980
970
960
550
263
High Clutch
High Drum

E


144
104
124
145
972
962
2-6 Clutch
2-6 Piston


670
Input
214
612
Front
Sun Gear
217
592
Front
Ring Gear
223
582
Front
Planet
181
226
711
436
710
Output
Gear
727
795
F
590
Center
Ring Gear
229
611
232
Center
Sun Gear #1
580
Center
Planet
235
610
Center
Sun Gear #2
238
575
654
Roller
664
241
594
Rear
Ring Gear
242
584
Rear
Planet
614
293
Rear
Sun
Gear
G
998
Cooler
760
759
End
Cover
185
076
H
750
Bell Housing
271
712
273
Pinion
289
077
715
292
713
Differential
714
281
279
Transfer
Case Gear
Case
740
Valve Body
766
Side Cover
I
436
Sensors
438
410
MLPS
446
Harness

JF613E

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	JF613E	1	07-Up	182006	N.L.
	LESS STEEL KITS				
004	JF613E	1	07-Up	182004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	JF613E	1	07-Up	182002	N.L.
	FILTERS				
010J	Main	1	07-Up	182010	N.L.
	BUSHINGS				
034	Pump	1	07-Up	182034	N.L.
036	Stator (Front)	1	07-Up	182036	N.L.
037	Stator (Rear)	1	07-Up	182037	N.L.
048	3-5/Reverse Drum	2	07-Up	182048	N.L.
053	Front Planet	2	07-Up	182053	N.L.
054	Front Sun Gear	2	07-Up	182054	N.L.
062	Output Gear Support	1	07-Up	182062	N.L.
064	End Cover	1	07-Up	182064	N.L.
	METAL CLAD SEALS				
070A	Pump	1	07-Up	182070	N.L.
072I	Manual Lever Shaft	1	07-Up	182072	N.L.
076H	Axle (Left & Right)	2	07-Up	182076	N.L.
	FRICTION PLATES				
106A	3-5/Reverse	4	07-Up	182106	N.L.
108B	Low	4	07-Up	182108	N.L.
100D	High	5	07-Up	182100	N.L.
114C	Low/ Reverse	4	07-Up	182114	N.L.
104E	2-6	4	07-Up	182104	N.L.
	STEEL PLATES				
126A	3-5/Reverse	4	07-Up	182126	N.L.
128B	Low	4	07-Up	182128	N.L.
120D	High	5	07-Up	182120	N.L.
134C	Low/ Reverse	4	07-Up	182134	N.L.
124E	2-6	3	07-Up	182124	N.L.
	PRESSURE PLATES				
146A	3-5/Reverse	1	07-Up	182146	N.L.
148B	Low	1	07-Up	182148	N.L.
140D	High	1	07-Up	182140	N.L.
154C	Low/ Reverse	1	07-Up	182154	N.L.
144E	2-6 (Backing Plate)	1	07-Up	182144	N.L.
145E	2-6 (Apply Plate)	1	07-Up	182145	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	07-Up	182175	N.L.
179A	Pump	2	07-Up	182179	N.L.
181F	Output Gear Support	2	07-Up	182181	N.L.
185H	End Cover	2	07-Up	182185	N.L.
	THRUST WASHERS				
226F	Output Gear Support	1	07-Up	182226	N.L.
	BEARINGS - THRUST				
211A	Stator Bearing & Race	1	07-Up	182211	N.L.
214F	3-5/Reverse Drum	1	07-Up	182214	N.L.
217F	Front Sun Gear	1	07-Up	182217	N.L.
223F	Front Ring Gear	1	07-Up	182223	N.L.
229G	Center Ring Gear Bearing & Race	1	07-Up	182229	N.L.
232G	Center Planet (Front) Bearing & Race	1	07-Up	182232	N.L.
235G	Center Planet (Rear)	1	07-Up	182235	N.L.
238G	Center Sun Gear to Hub	1	07-Up	182238	N.L.
241G	Rear Ring Gear (Front)	1	07-Up	182241	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS - THRUST (Cont.)				
242G	Rear Ring Gear (Rear)	1	07-Up	182242	N.L.
263D	End Cover	1	07-Up	182263	N.L.
	BEARINGS - MISCELLANEOUS				
N.I.	High Drum (Caged)	1	07-Up	182257	N.L.
268F	Output Gear	1	07-Up	182268	N.L.
271H	Transfer Gear (Front)	1	07-Up	182271	N.L.
273H	Transfer Gear (Rear)	1	07-Up	182273	N.L.
279I	Transfer Case Gear (Front)	1	07-Up	182279	N.L.
281I	Transfer Case Gear (Rear)	1	07-Up	182281	N.L.
289I	Differential (Rear)	1	07-Up	182289	N.L.
292I	Differential (Front)	1	07-Up	182292	N.L.
293G	Rear Sun Gear Shim	1	07-Up	182293	N.L.
	GASKETS & O-RINGS				
301	Gasket, Valve Body Cover	1	07-Up	182301	N.L.
311	O-Ring, Pump	1	07-Up	182311	N.L.
	ELECTRICAL COMPONENTS				
410I	Switch, MLPS	1	07-Up	182410	N.L.
411	Switch, Pressure	3	07-Up	182411	N.L.
418	Solenoid, PWM	6	07-Up	182418	N.L.
421	Solenoid, Shift	2	07-Up	182421	N.L.
436I	Sensor, OSS	1	07-Up	182436	N.L.
438I	Sensor, ISS	1	07-Up	182438	N.L.
446I	Harness w/ Connector	1	07-Up	182446	N.L.
	PUMPS				
500A	Pump	1	07-Up	182500	N.L.
510A	Pump Body w/ Gears	1	07-Up	182510	N.L.
520A	Pump Stator	1	07-Up	182520	N.L.
530A	Pump Gears (GEROTOR)	1	07-Up	182530	N.L.
	DRUMS & CLUTCH HUBS				
550D	High	1	07-Up	182550	N.L.
554B	Low	1	07-Up	182554	N.L.
555A	3-5/Reverse	1	07-Up	182555	N.L.
575G	Hub, High	1	07-Up	182575	N.L.
	PLANETS				
580G	Planet, Center	1	07-Up	182580	N.L.
582F	Planet, Front	1	07-Up	182582	N.L.
584G	Planet, Rear	1	07-Up	182584	N.L.
590G	Ring Gear, Center	1	07-Up	182590	N.L.
592F	Ring Gear, Front	1	07-Up	182592	N.L.
594G	Ring Gear, Rear	1	07-Up	182594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
610G	Sun Gear, Center 2 w/ Hub	1	07-Up	182610	N.L.
611G	Sun Gear, Center 1	1	07-Up	182611	N.L.
612F	Sun Gear, Front	1	07-Up	182612	N.L.
614G	Rear	1	07-Up	182614	N.L.
	ONE WAY CLUTCHES				
654G	Roller Clutch	1	07-Up	182654	N.L.
664G	Inner Race	1	07-Up	182664	N.L.
	SHAFTS				
670F	Input Shaft	1	07-Up	182670	N.L.
	DIFFERENTIALS				
715H	Differential (69T)	1	07-Up	182715	N.L.
	VALVE BODIES				
740I	Valve Body	1	07-Up	182740	N.L.

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ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750H	Bell Housing	1	07-Up	182750	N.L.
759H	End Cover	1	07-Up	182759	N.L.
760H	Case	1	07-Up	182760	N.L.
766I	Side Cover	1	07-Up	182766	N.L.
	MISCELLANEOUS COMPONENTS				
710F	Output Gear (42T)	1	07-Up	182710	N.L.
711F	Output Gear Support	1	07-Up	182711	N.L.
712H	Transfer Drive Gear w/ Park (45T) / (Pinion) (22T)	1	07-Up	182712	N.L.
713H	Transfer Driven Gear (47T) (On Differential)	1	07-Up	182713	N.L.
714I	Transfer Case Gear (29T)	1	07-Up	182714	N.L.
727F	Lock, Output Gear Support	1	07-Up	182727	N.L.
795F	Nut, Output Gear Support	1	07-Up	182795	N.L.
853B	Cushion, Low	1	07-Up	182853	N.L.
854D	Cushion, High	1	07-Up	182854	N.L.
960D	Piston, High	1	07-Up	182960	N.L.
962E	Piston, 2-6	1	07-Up	182962	N.L.
964B	Piston, Low	1	07-Up	182964	N.L.
965A	Piston, 3-5/Reverse	1	07-Up	182965	N.L.
967C	Piston, Low/ Reverse	1	07-Up	182967	N.L.
970D	Return Spring, High	1	07-Up	182970	N.L.
972E	Return Spring, 2-6	1	07-Up	182972	N.L.
974B	Return Spring, Low	1	07-Up	182974	N.L.
975A	Return Spring, 3-5/Reverse	1	07-Up	182975	N.L.
977C	Return Spring, Low/ Reverse	1	07-Up	182977	N.L.
980D	Retainer, High	1	07-Up	182980	N.L.
984B	Retainer, Low	1	07-Up	182984	N.L.
985A	Retainer, 3-5/Reverse	1	07-Up	182985	N.L.
998H	Cooler	1	07-Up	182998	N.L.

Notes

Notes

R4A51, V4A51, R5A51, V5A51


142300


142010


142010 SIDE


142010A


142010A SIDE

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	R4A51, V4A51	1	99-Up	142006	N.L.
006	R5A51, V5A51	1	01-Up	142006A	N.L.
	LESS STEEL KITS				
004	R4A51, V4A51	1	99-Up	142004	N.L.
004	R5A51, V5A51	1	01-Up	142004A	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	R4A51, V4A51, R5A51, V5A51	1	99-Up	142002	N.L.
	FILTER KITS				
011	Filter (Flat Pickup Tube)	1	99-Up	142011	N.L.
011	Filter (.500” Pickup Tube)	1	01-Up	142011A	N.L.
	FILTERS				
010	Filter (Flat Pickup Tube)	1	99-Up	142010	MR357710
010	Filter (.500” Pickup Tube)	1	01-Up	142010A	MR528836
	BANDS				
026	Band, Reduction	1	99-Up	142026	MD762016
	BUSHINGS				
030	Bushing Kit	1	99-Up	142030	N.L.
034	Pump Bushing	1	99-Up	82034	N.L.
	METAL CLAD SEALS				
070	Front	1	99-Up	42070A	MD707575
074	Extension Housing (2wd)	1	99-Up	57074J	MR446308
074	Adapter Housing (4wd)	1	99-Up	142074	MR350599
	FRICTION PLATES				
100	Overdrive	4	99-Up	82100A	45525-39501
102	Underdrive	4	99-Up	82100A	45525-39501
104	2nd Brake	4	99-Up	82104A	45625-39500
106	Direct (5 Speed)	3-5	01-Up	82106	N.L.
110	Reverse	2	99-Up	82110A	45445-39500
114	Low/ Reverse	5-6	99-Up	82114A	45632-39500
	STEEL PLATES				
120	Overdrive	3	99-Up	82120A	N.L.
122	Underdrive	4	99-Up	82122A	N.L.
124	2nd Brake	3	99-Up	142124	N.L.
126	Direct (5 Speed)	3-4	01-Up	82126	N.L.
130	Reverse	2	99-Up	82130A	N.L.
134	Low/ Reverse	4-5	99-Up	82134A	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan (Fiber)	1	99-Up	142300F	N.L.
310	Gasket, Pump	1	99-Up	142310A	MR195630
311	O-Ring, Pump	1	99-Up	142311A	MR176814
	TECHNICAL MANUALS				
400	Technical Manual (ATSG)	1	99-Up	142400	R/V451

R4A51, V4A51, R5A51, V5A51

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
421	Solenoid, All (req 5-6)	5-6	99-Up	82421	MD758981
436	Sensor, Output Speed (VSS) (R4A41, R5A51) (99-6/01)	1	99-01	82436	42621-39200
436	Sensor, Output Speed (VSS) (R4A41, R5A51) (6/01-Up)	1	01-Up	142436	MR518300
436	Sensor, Output Speed (VSS) (V4A51)	1	00-Up	142436A	N.L.
436	Sensor, Output Speed (VSS) (V5A51)	1	00-Up	142436B	N.L.
437	Sensor, Transmission Oil Temperature (TOT)	1	99-01	82437	MD755848
438	Sensor, Input Speed (TSS)	1	99-Up	82438	42620-39051
446	Harness, Internal (w/o TOT Sensor) (R4A51)	1	99-01	142446A	N.L.
446	Harness, Internal (w/ TOT Sensor) (R4A51)	1	01-Up	142446B	N.L.
446	Harness, Internal (w/o TOT Sensor) R5A51)	1	99-01	142446C	MR222922
446	Harness, Internal (w/ TOT Sensor) (R5A51)	1	01-Up	142446D	MR528945
	PUMPS				
500	Pump (R4A51, V4A51) (Bushing in Body)	1	99-Up	142500A	N.L.
500	Pump (R5A51, V5A51) (No Bushing in Body)	1	01-Up	142500	N.L.
	DRUMS & CLUTCH HUBS				
551	Underdrive	1	99-Up	142551	N.L.
555	Direct (R5A51, V5A51)	1	01-Up	142555	N.L.
556	Reverse w/ Input Shaft (R5A51, V5A51)	1	01-Up	142556A	N.L.
556	Reverse w/ Input Shaft (Loaded Drum)	1	99-Up	142556K	N.L.
570	Hub, Overdrive	1	99-Up	142570	N.L.
571	Hub, Underdrive	1	99-Up	142571	N.L.
572	Hub, 2nd	1	99-Up	142572	N.L.
578	Hub, Output	1	99-Up	142578	N.L.
	PLANETS				
580	Planet, Overdrive	1	99-Up	142580	N.L.
583	Planet Assembly, Overdrive / Output	1	99-Up	142583A	N.L.
584	Planet, Rear (17T Gears)	1	99-Up	142584	N.L.
584	Planet, Rear (15T Gears)	1	99-Up	142584A	N.L.
586	Planet, Direct (R5A51, V5A51)	1	99-Up	142586	N.L.
594	Ring Gear, Rear	1	99-Up	142594	N.L.
596	Ring Gear, Direct (R5A51, V5A51)	1	99-Up	142596	N.L.
614	Sun Gear, Rear (38T)	1	99-Up	142614	N.L.
614	Sun Gear, Rear (42T)	1	99-Up	142614A	N.L.
630	Support, Low/ Reverse Brake	1	99-Up	142630A	N.L.
632	Support, Center	1	99-Up	142632	N.L.
634	Support, Rear (w/ Bushing)	1	99-Up	142634	N.L.
634	Support, Rear (No Bushing)	1	99-Up	142634A	N.L.
654	Sprag, Low	1	99-Up	82654	MD763676
656	Sprag, Direct	1	99-Up	142656	MR176716
670	Input Shaft	1	99-Up	142670	N.L.
678	Output Shaft (2wd)	1	99-Up	142678	N.L.
678	Output Shaft (4wd)	1	99-Up	142678A	N.L.
740	Valve Body (Premium) (5 Solenoid) (Cast 991228)	1	99-02	P142740-1	N.L.
740	Valve Body (Premium) (6 Solenoid) (Cast 991222)	1	01-Up	P142740-2	N.L.
	CASES & HOUSINGS				
750	Bell Housing	1	99-Up	142750	N.L.
760	Case (Cast R4A51, V4A51)	1	99-02	142760	N.L.
760	Case (Cast R5A51, V5A51)	1	01-Up	142760A	N.L.
765	Pan, Bottom	1	99-Up	142765	N.L.
765	Pan, Side	1	99-Up	142765A	N.L.
770	Extension Housing (4wd) (Cast 500 949)	1	99-Up	142770	N.L.

PAN GASKETS

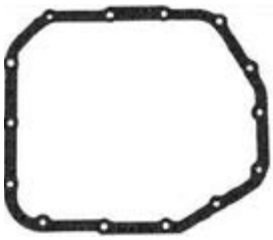
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42300P



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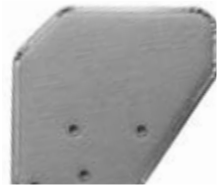


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Notes

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42010AA





42010E





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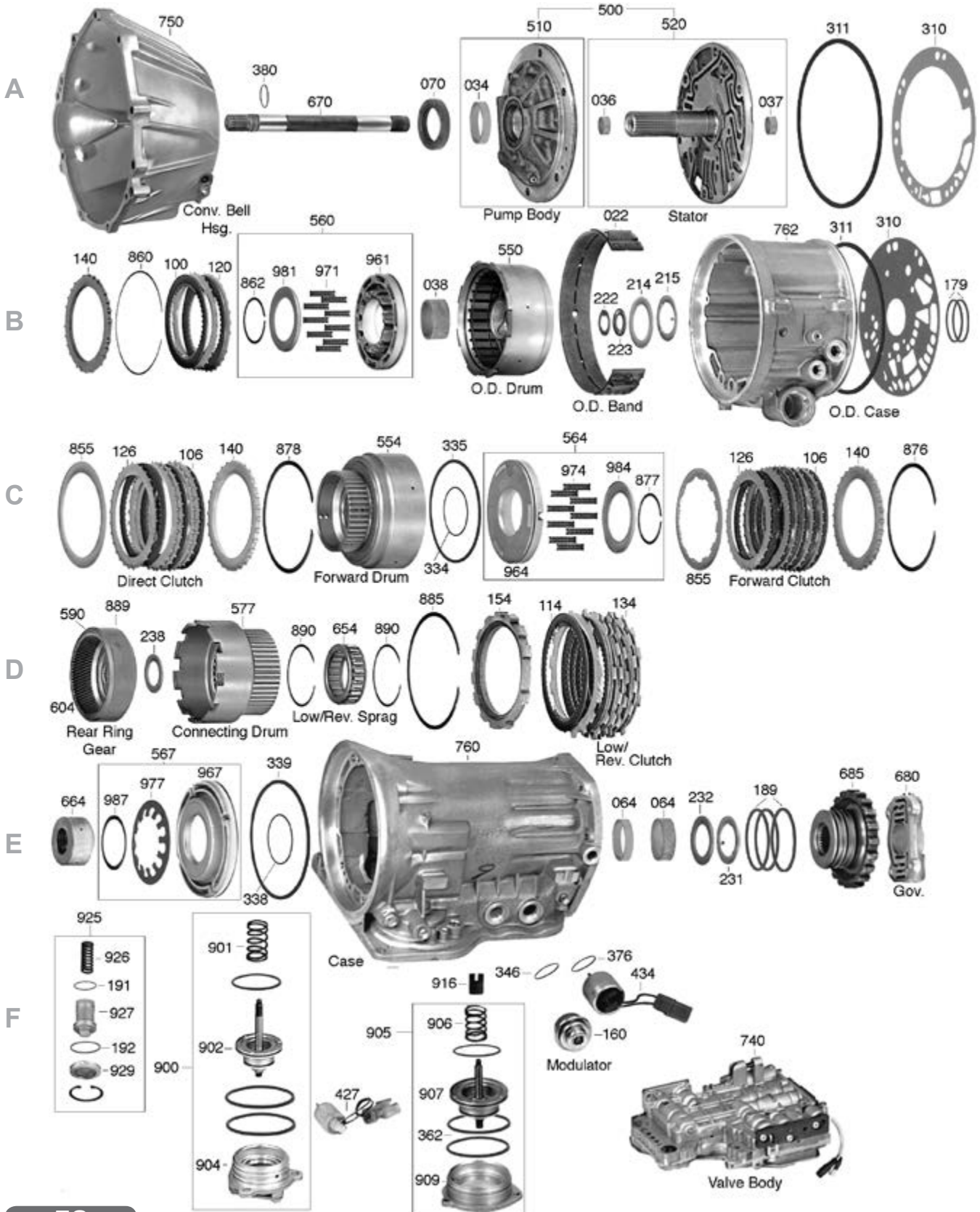


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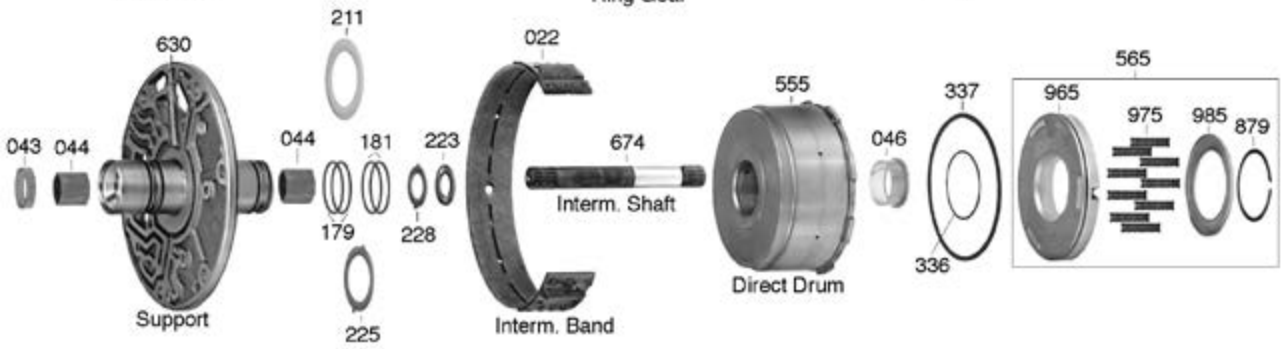
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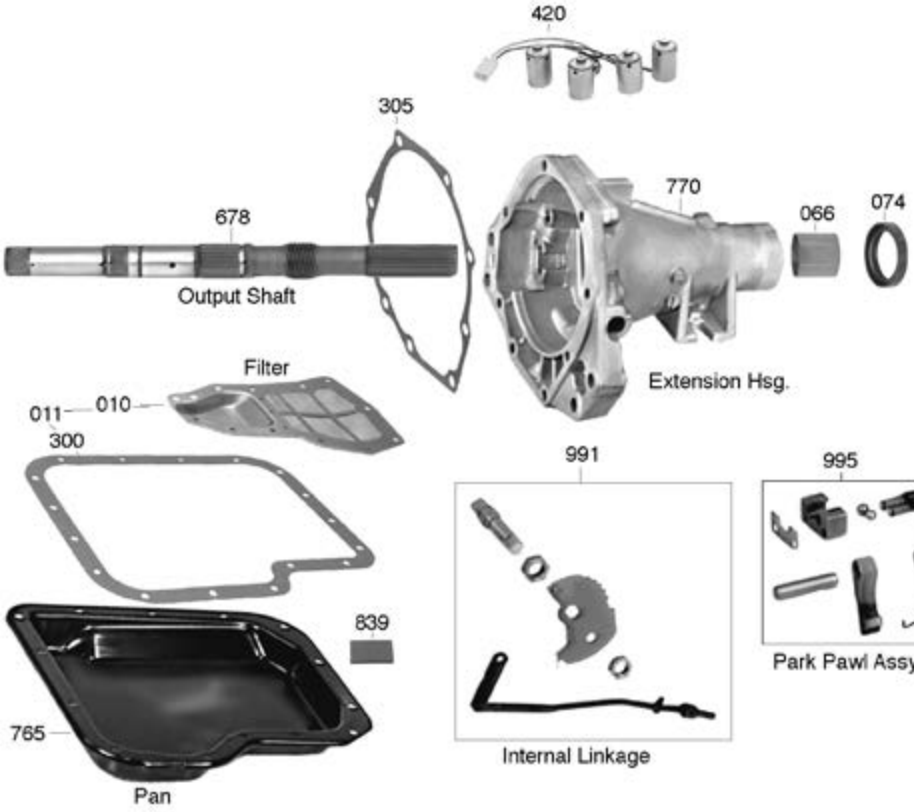
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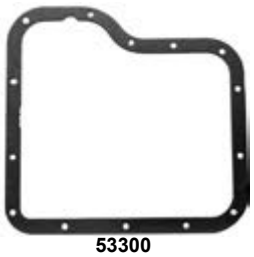

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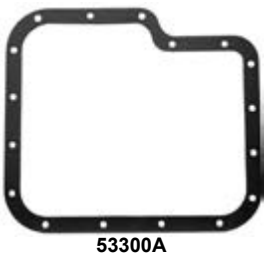
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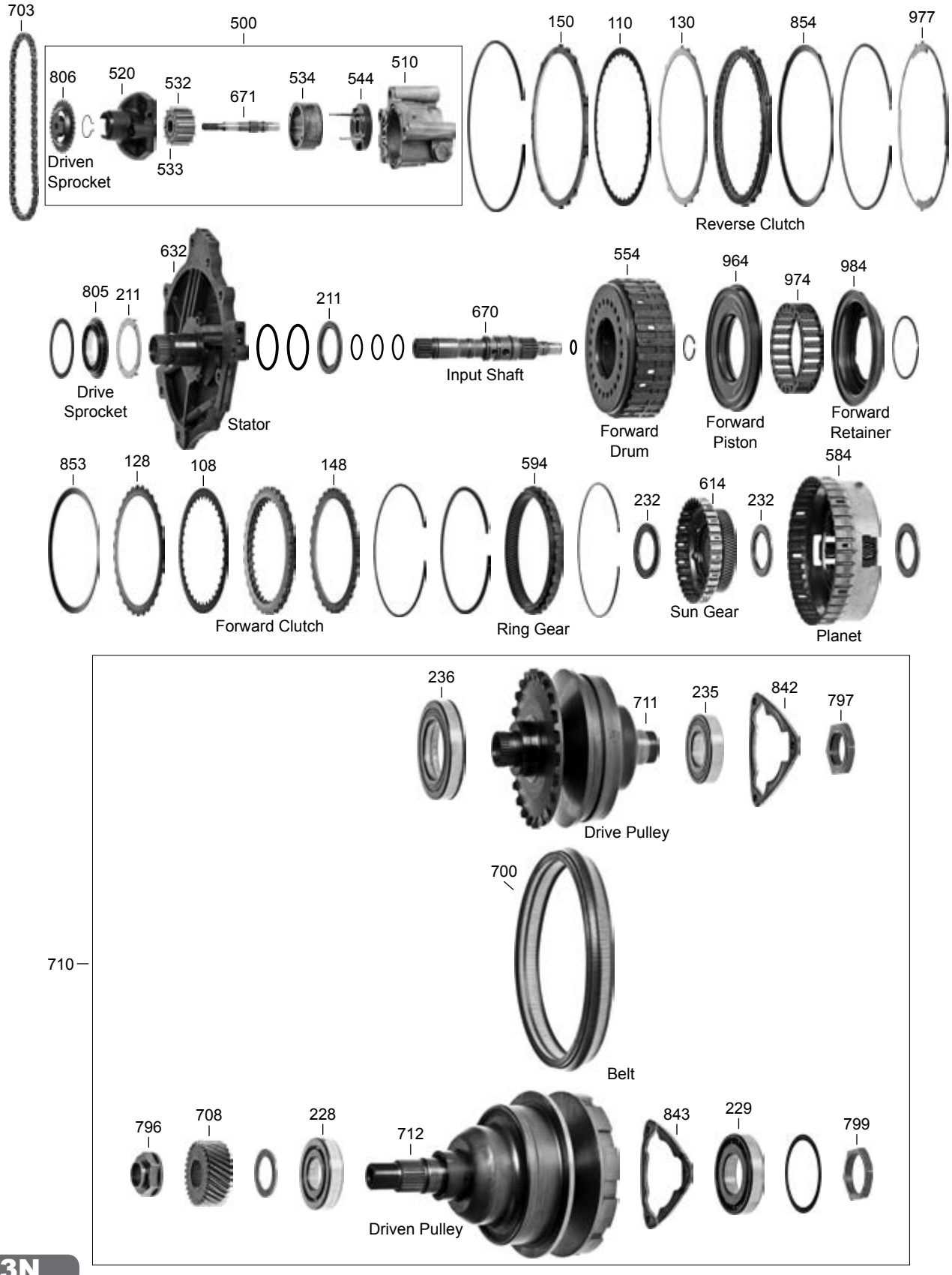

53010E

ILL.		QTY.	YEAR	PART No.	REF. No.
	COMPLIANCE KITS (CALIFORNIA KITS)				
007	L4N71B, E4N71B	1	83-97	53007BF	N.L.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	L3N71B (Combo Internal/External Servo)	1	71-87	53006F	N.L.
006	L4N71B, E4N71B	1	83-97	53006BF	N.L.
006	N4A-EL	1	88-92	53006EF	N.L.
	LESS STEEL KITS				
004	L3N71B (Combo Internal/External Servo)	1	71-87	53004F	N.L.
004	L4N71B, E4N71B	1	83-97	53004BF	N.L.
004	N4A-EL	1	88-92	53004EF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	L3N71B (Combo Internal/External Servo)	1	71-87	53002F	N.L.
002	L4N71B, E4N71B	1	83-97	53002BF	N.L.
002	N4A-EL	1	88-92	53002EF	N.L.
	FILTER KITS				
011	L3N71B (Nissan)	1	71-87	53011	N.L.
011	L4N71B, E4N71B	1	83-97	53011B	N.L.
011	N4A-EL (10 Bolt) (Mazda 929 88-91, RX7 89-92)	1	88-92	53011E	N.L.
	FILTERS				
010J	L3N71B (Nissan)	1	71-87	53010	31728-X0F00
010J	L3N71B (Ford)	1	71-87	53010A	31728-X0F00
010J	L3N71B (Mazda B2600) 4wd	1	86-89	53010D	N.L.
010J	L4N71B, E4N71B	1	83-97	53010B	31728-X8600
010J	N4A-EL (10 Bolt) (Mazda 929 88-91, RX7 89-92)	1	88-92	53010E	BV01-19-815
	BANDS				
022B	Overdrive & Intermediate (Flex Type)	1-2	71-93	53022	31630-X0104
022B	Overdrive & Intermediate (Hard Type)	1-2	71-93	53022H	N.L.
	BUSHINGS				
030	Bushing Kit, L3N71B	1	71-87	53030	N.L.
030	Bushing Kit, L4N71B, E4N71B, N4A-EL	1	83-93	53030B	N.L.
034A	Pump Body	1	71-93	53034	31343-X0100
066J	Extension Housing (1.495" ID) L4N71B, E4N71B, N4A-EL	1	83-93	73066	31332-X8000R
	METAL CLAD SEALS				
070A	Front	1	71-93	53070	31344-X0102
074J	Rear, 1.375" ID (w/o Flange) L3N71B	1	71-87	53074	31336-X0101
074J	Rear, 1.375" ID (w/ Flange) L3N71B	1	71-87	53074A	03761-73350
074J	Rear, 1.495" ID (w/o Flange) L4N71B, E4N71B, N4A-EL	1	83-93	53074B	31336-X8000
074J	Rear, 1.495" ID (w/ Flange) L4N71B, E4N71B, N4A-EL	1	83-93	53074C	M502-17-335A
074J	Rear, 1.495" ID (w/ Flange & Dust Boot) L4N71B, E4N71B, N4A-EL	1	83-93	53074D	M502-17-335A
074J	Adapter Housing 4wd (Mazda MPV Van)	1	83-93	73074C	M504-17-335
	FRICTION PLATES				
100B	Overdrive .063" (44T)	2-4	83-93	53100	31532-X0102
106C	Forward & Direct .063" (44T)	6-11	71-93	53100	31532-X0102
114D	Low/ Reverse .078" (51T)	4-8	71-93	53114	31662-X0102

L4N71B, 4N71B

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
120B	Overdrive .078" (28T)	2-4	83-93	53120	31536-X0100
120B	Overdrive .063" (28T)	AR	87-93	18126	FT01-19-499
120B	Overdrive .100" (28T)	3	71-93	53120EA	BV01-19-499
126C	Forward & Direct .078" (28T)	6-10	71-93	53120	31536-X0100
126C	Forward & Direct .032" (28T)	AR	71-93	53120A	N.L.
126C	Forward & Direct .063" (28T)	AR	71-93	18126	FT01-19-499
134D	Low/ Reverse .079" (13T)	4-8	71-93	53134	31666-X0100
	MODULATORS				
160E	Modulator, Screw-In .840" Diaphragm	1	71-93	13160	BT07-19-823
160E	Modulator, Screw-In .910" Diaphragm	1	71-93	13160A	31931-X0110
160E	Modulator, L4N71B (Mazda MPV Van)	1	83-93	13160D	N.L.
160E	Modulator, Push In (N4A-EL)	1	88-93	53160A	BV01-19-823A
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, N4A-EL (Transgo®)	1	88-93	T53165	SK® N4AEL
165	Shift Correction Package, Accumulator Springs (Superior)	1	83-93	A53926AK	K005
	SEALING RINGS				
175J	Ring Kit, L3N71B	1	71-93	53175	N.L.
175J	Ring Kit, L4N71B, E4N71B	1	83-93	53175B	N.L.
175J	Ring Kit, N4A-EL	1	88-93	53175C	N.L.
	THRUST WASHERS				
200	Washer Kit, Selective Washers Only	1	71-93	53200A	N.L.
211H	Direct Drum 1.70mm (.067")	1	71-93	53211A	31528-X0105
211H	Direct Drum 1.90mm (.075")	1	71-93	53211B	31528-X0100
211H	Direct Drum 2.10mm (.083")	1	71-93	53211C	31528-X0101
211H	Direct Drum 2.30mm (.091")	1	71-93	53211D	31528-X0102
211H	Direct Drum 2.50mm (.098")	1	71-93	53211E	31528-X0103
214B	Overdrive Drum	1	83-93	53211B	31528-X0100
	BEARINGS & RACES				
232E	Bearing w/ Race, Forward Drum To Hub	1	71-93	53232	31436-X0100
	GASKETS & O-RINGS				
300J	Gasket, Bottom Pan (Nissan) (Cork)	1	71-93	53300	31397-X0102
300J	Gasket, Bottom Pan (Nissan) (Fiber)	1	71-93	53300F	31397-X0102
300J	Gasket, Bottom Pan (Ford) (Cork)	1	71-93	53300A	D7DZ-7A191A
300J	Gasket, Bottom Pan (Ford) (Fiber)	1	71-93	53300AF	D7DZ-7A191A
305J	Gasket, Extension Housing	1	71-93	53305	31335-X0100
310A	Gasket, Front Pump (Non Lock-Up) L3N71B	1	71-87	53310	31366-X0101
310A	Gasket, Front Pump (Lock-Up) L3N71B	1-2	71-87	53310A	31387-X8600
310A	Gasket, Pump To Overdrive Case	1	83-93	53310B	31366-X8600
311A	O-Ring, Front Pump & Overdrive Case	1-2	71-93	53311	31363-X0100
	MISCELLANEOUS COMPONENTS				
400J	Tech Manual, L4N71B, E4N71B (CD Rom Only)	1	83-93	53400B	L4N71B
400J	Tech Manual, N4A-EL	1	88-93	53400C	83-N4AELTM
420	Solenoid Assembly, N4A-EL (w/ 4 Solenoids)	1	88-93	53420	BV01-21-280A
434E	Solenoid, Downshift 4N71B	1	83-93	53434	31941-X0106
555H	Drum, Direct (4 Clutch) (4.572" OD Piston)	1	71-93	53555A	N.L.
555H	Drum, Direct (4 Clutch) (4.283" OD Piston)	1	71-93	53555B	N.L.
630H	Center Support (w/ 2 Small Bushings) (Washer Type)	1	83-93	53630A	N.L.
630H	Center Support (w/ 1 Large & 1 Small Bushing) (Washer Type)	1	83-93	53630B	N.L.
650G	Sprag, Overdrive (In Overdrive Drum)	1	83-93	53650	31605-X8500
654D	Sprag, Rear	1	71-93	53654	31473-20301
977E	Diaphragm Spring, Low/ Reverse Clutch Return	1	71-93	53977	31651-X0101

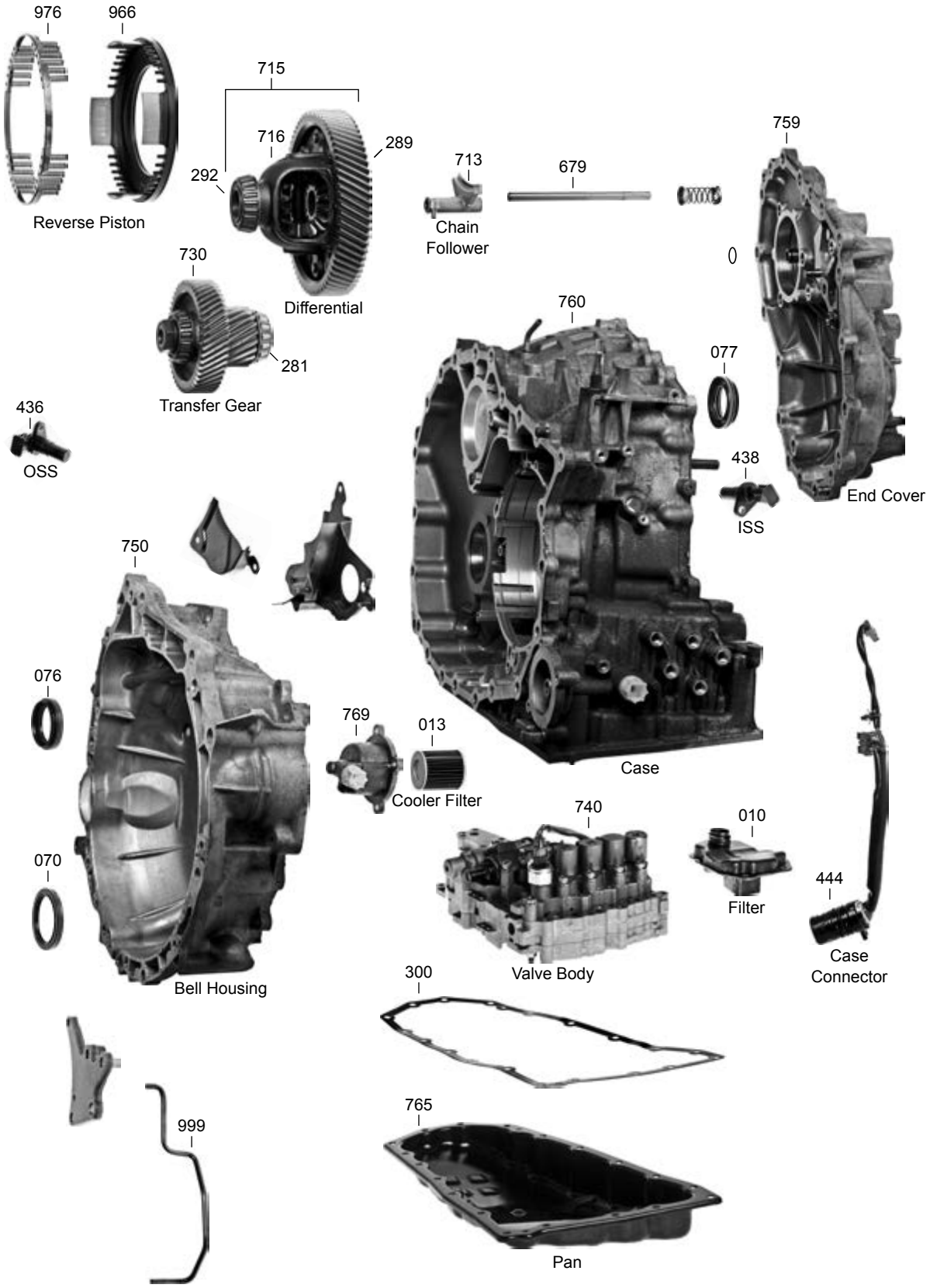
RE0F09A (JF010E), RE0F10A (JF011E)



33N

(RE0F10A PHOTO)

RE0F09A (JF010E), RE0F10A (JF011E)



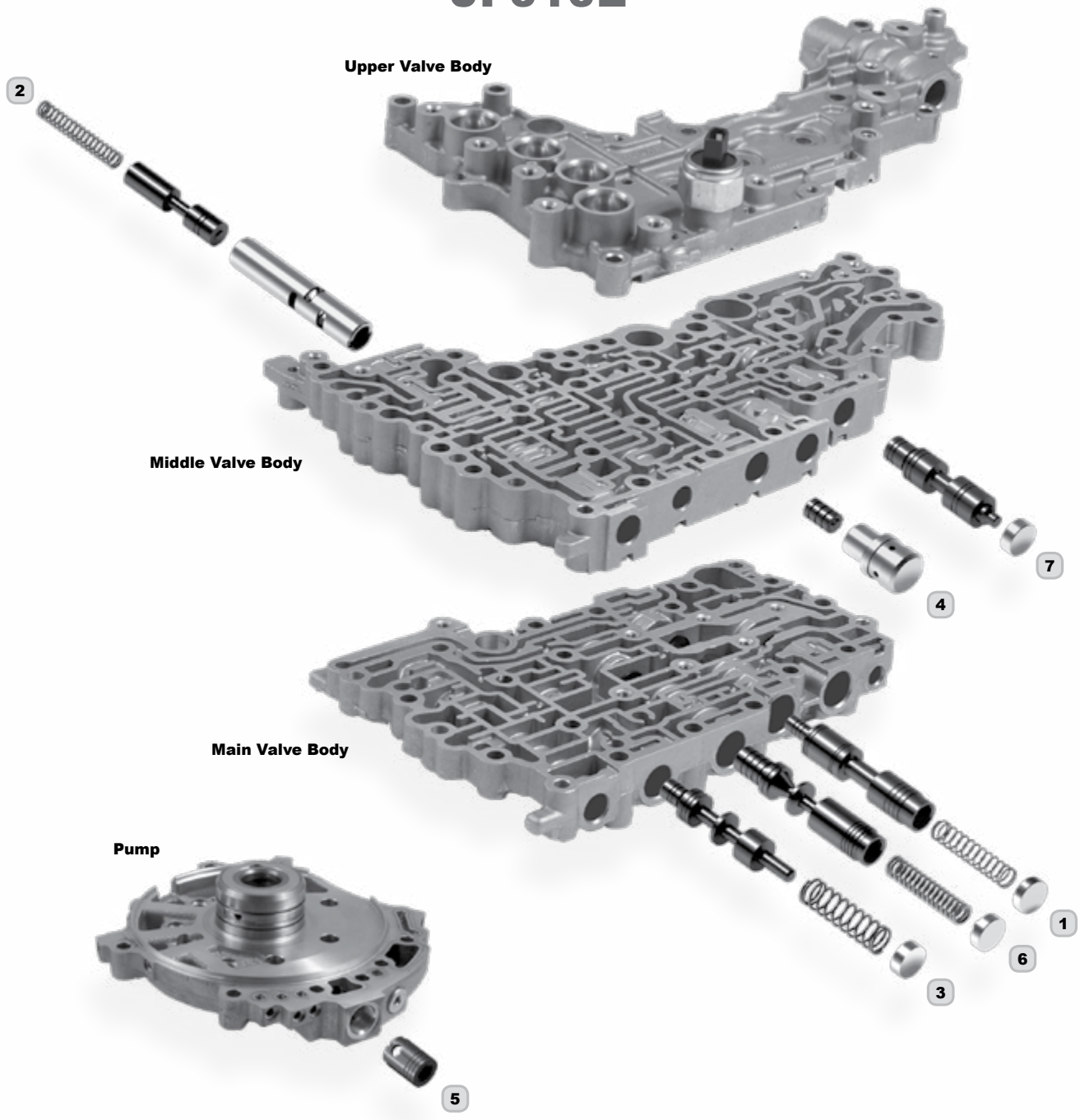
(RE0F10A PHOTO)

F G H

RE0F09A (JF010E), RE0F10A (JF011E)

VALVE BODY
GUIDE

JF010E

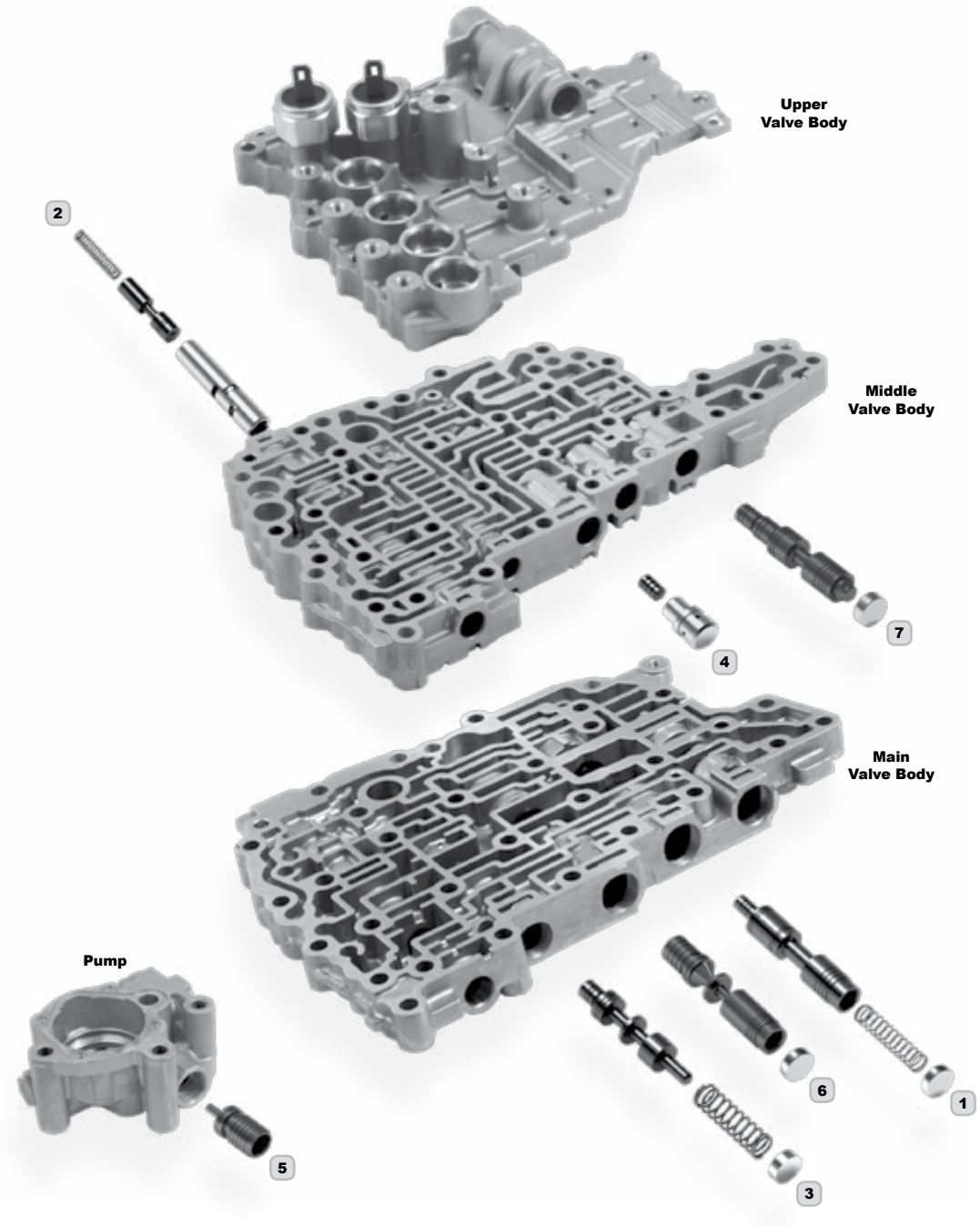


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RE0F09A (JF010E), RE0F10A (JF011E)

VALVE BODY
GUIDE

JF011E



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RE0F09A (JF010E), RE0F10A (JF011E)


33300G


33300N


33300NA


33010G


33010N

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	RE0F09A, JF010E (w/ Pistons)	1	03-Up	33006GP	N.L.
N.I.	RE0F09A, JF010E (w/out Pistons)	1	03-Up	33006GN	N.L.
N.I.	RE0F10A, JF011E (w/ Pistons)	1	07-Up	33006GAP	N.L.
N.I.	RE0F10A, JF011E (w/out Pistons)	1	07-Up	33006GAN	N.L.
LESS STEEL KITS					
N.I.	RE0F09A, JF010E (w/ Pistons)	1	03-Up	33004GP	N.L.
N.I.	RE0F09A, JF010E (w/out Pistons)	1	03-Up	33004GN	N.L.
N.I.	RE0F10A, JF011E (w/ Pistons)	1	07-Up	33004GAP	N.L.
N.I.	RE0F10A, JF011E (w/out Pistons)	1	07-Up	33004GAN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	RE0F09A, JF010E (w/out Pistons)	1	03-Up	33002GN	N.L.
N.I.	RE0F10A, JF011E (w/out Pistons)	1	07-Up	33002GAN	N.L.
FILTER KITS					
011	RE0F09A, JF010E	1	03-Up	33011G	N.L.
011	JF011E (Dodge, Jeep, Mitsubishi)	1	07-Up	33011N	N.L.
011	RE0F10A (Nissan)	1	07-Up	33011NA	N.L.
FILTERS					
010H	RE0F09A, JF010E	1	03-Up	33010G	N.L.
010H	JF011E (Dodge, Jeep, Mitsubishi) (.600” Pickup)	1	07-Up	33010N	5191890AA
013H	RE0F10A (Nissan) (.950” Pickup)	1	07-Up	33013NA	N.L.
013H	Filter, Cooler Return (RE0F10A, JF011E)	1	07-Up	33013N	806989
BUSHINGS					
N.I.	Bushing Kit (F09A)	1	03-Up	33030G	N.L.
N.I.	Bushing Kit (F10A)	1	07-Up	33030N	N.L.
N.I.	Stator (F09A)	1	03-Up	33036G	N.L.
N.I.	Stator (F10A)	1	07-Up	33036N	N.L.
N.I.	Pump Drive Gear (F09A)	1	03-Up	33035G	N.L.
N.I.	Pump Drive Gear (F10A)	1	07-Up	33035N	N.L.
N.I.	Pump Body (F09A)	1	03-Up	33034G	N.L.
N.I.	Pump Body (F10A)	1	07-Up	33034N	N.L.
N.I.	Drive Pulley	1	03-Up	33065G	N.L.
METAL CLAD SEALS					
070A	Pump (F09A)	1	03-Up	33070G	N.L.
070A	Pump (F10A)	1	07-Up	33070N	2702-A006
070	Seal, Converter (RE0F10A, JF011E)	1	07-Up	33070N	N.L.
072	Manual Lever (All)	1	03-Up	60072	N.L.
076H	Axle, Right (Bell) FWD (F09A)	1	03-Up	93076	38342-81X01
076H	Axle, Right (Bell) Awd (F09A)	1	03-Up	33076G	38342-06R01
076H	Axle, Right (Bell) Chrysler, Mitsubishi (JF011E)	1	07-Up	98076	FP01-27-238
076H	Axle, Right (Bell) Nissan, Jeep	1	07-Up	83076A	38342-31X01
077G	Axle, Left (Case) (F09A)	1	03-Up	83077B	38342-81X00
077G	Axle, Left (Case) Chrysler, Mitsubishi (JF011E)	1	07-Up	98076	FP01-27-238
077G	Axle, Left (Case) Nissan, Jeep	1	07-Up	98076	FP01-27-238

RE0F09A (JF010E), RE0F10A (JF011E)

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES				
108C	Forward (F09A)	4	03-Up	33108G	N.L.
108C	Forward (F10A)	3	07-Up	33108G	N.L.
110A	Reverse (F09A)	4	03-Up	33110G	N.L.
110A	Reverse (F10A)	3	07-Up	33110G	N.L.
	STEEL PLATES				
128C	Forward (F09A)	4	03-Up	33128G	N.L.
128C	Forward (F10A)	3	07-Up	33128G	N.L.
130A	Reverse (F09A)	4	03-Up	33130G	N.L.
130A	Reverse (F10A)	3	07-Up	33130N	N.L.
	PRESSURE PLATES				
148C	Forward	1	03-Up	33148G	N.L.
150A	Reverse (F09A)	1	03-Up	33150G	N.L.
150A	Reverse (F10A)	1	07-Up	33150N	N.L.
	SEALING RINGS				
N.I.	Sealing Ring Kit (F09A)	1	03-Up	33175G	N.L.
N.I.	Sealing Ring Kit (F10A)	1	07-Up	33175N	N.L.
	THRUST WASHERS				
N.I.	Washer, Pump Gear (Front) (F10A)	2	07-Up	33203N	N.L.
211B	Washer, Stator (Front) (F10A)	1	07-Up	33211N	N.L.
N.I.	Shim, Driven Pulley (F10A)	1	07-Up	33281N	N.L.
	BEARINGS & RACES				
N.I.	Pump Gear (F10A)	1	07-Up	33209N	N.L.
212B	Stator (F09A)	1	03-Up	33212G	N.L.
212B	Stator (F10A)	1	07-Up	33212N	N.L.
228E	Driven Pulley Bearing to Bell (F09A)	1	03-Up	33228G	N.L.
228E	Driven Pulley Bearing to Bell (F10A)	1	07-Up	33228N	N.L.
229E	Driven Pulley Bearing to Rear Cover (F09A)	1	03-Up	33229G	N.L.
229E	Driven Pulley Bearing to Rear Cover (F10A)	1	07-Up	33229N	N.L.
232C	Sun Gear (Front & Rear)	2	03-Up	33232G	N.L.
235D	Drive Pulley Bearing to Rear Cover (F09A)	1	03-Up	33235G	N.L.
235D	Drive Pulley Bearing to Rear Cover (F10A)	1	07-Up	33235N	N.L.
236	Drive Pulley Bearing to Case (F09A)	1	03-Up	33236G	N.L.
236	Drive Pulley Bearing to Case (F10A)	1	07-Up	33236N	N.L.
238	Planet to Sun Gear (Same as Sun Gear)	1	03-Up	33232G	N.L.
255	Planet to Case (Same as Sun Gear)	1	03-Up	33232G	N.L.
281F	Pinion Shaft Bearing & Race (F09A)	1	03-Up	33281GK	N.L.
281F	Pinion Shaft Bearing & Race (F10A)	1	07-Up	33281NK	N.L.
289F	Differential to Case Bearing & Race (F09A)	1	03-Up	33289GK	N.L.
289F	Differential to Case Bearing & Race (F10A)	1	07-Up	33289NK	N.L.
292F	Differential to Bell Bearing & Race (F09A)	1	03-Up	33291GK	N.L.
292F	Differential to Bell Bearing & Race (F10A)	1	07-Up	33291NK	N.L.
	GASKETS & O-RINGS				
300H	Pan Gasket (F09A)	1	03-Up	33300G	N.L.
300H	Pan Gasket (F10A) (Chrysler, Mitsubishi)	1	07-Up	33300N	2705-A015
300H	Pan Gasket (F10A) (Nissan)	1	07-Up	33300NA	31397-1XF0D
	ELECTRICAL COMPONENTS				
410	Switch, Neutral (F09A)	1	03-Up	33410G	N.L.
410	Switch, Neutral (F10A) (Trans Range Sensor - MLPS) (Jeep)	1	07-12	33410N	05189839AA
410	Switch, Neutral (F10A) (Trans Range Sensor - MLPS) (Nissan)	1	07-12	33410NA	31918-1XF00
417	Switch, Pressure (Valve Body) (F09A)	1	03-Up	33417G	N.L.
417	Switch, Pressure (Valve Body) (F10A)	1	07-Up	33417N	N.L.
418	Switch, Pressure (Case) (F09A)	1	03-Up	33418G	N.L.
418	Switch, Pressure (Case) (F10A)	1	07-Up	33418N	N.L.
425	Solenoid, TCC (F09A)	1	03-Up	33425G	N.L.
425	Solenoid, TCC (F10A)	1	07-Up	33425N	N.L.
431	Solenoid, PWM (F09A)	2	03-Up	33431G	N.L.
431	Solenoid, PWM (F10A)	2	07-Up	33431N	N.L.
435	Solenoid, Ratio Control (F09A)	1	03-Up	33435G	N.L.
435	Solenoid, Ratio Control (F10A)	1	07-Up	33435N	N.L.
436	Sensor, OSS (F09A)	1	03-Up	33436G	N.L.

RE0F09A (JF010E), RE0F10A (JF011E)

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS (Cont.)				
436	Sensor, OSS (F10A) (Output) (Jeep)	1	07-12	33436N	N.L.
436	Sensor, OSS (F10A) (Output) (Nissan)	1	07-12	33436NA	31935-1XF01
438	Sensor, ISS (F09A)	1	03-Up	33438G	N.L.
438	Sensor, ISS (F10A) (Input) (Jeep)	1	07-12	33438N	05189841AA
438	Sensor, ISS (F10A) (Input) (Nissan)	1	07-12	33438NA	31935-1XF00
446	Harness, Solenoid (F09A)	1	03-Up	33446GC	N.L.
446	Harness, Solenoid (F10A)	1	07-Up	33446NC	N.L.
446	Harness, Case w/ Connector (F09A)	1	03-Up	33446GB	N.L.
446	Harness, Case w/ Connector (F10A) (Caliber, Compass, Patriot)	1	07-12	33446NB	04795865AF
446	Harness, Internal (1 Piece Type) (F09A)	1	03-Up	33446G	N.L.
	PUMPS				
500A	Pump Assembly (F09A)	1	03-Up	33500G	N.L.
500A	Pump Assembly (Remote) (F10A)	1	07-Up	33500N	N.L.
510A	Pump Body (F09A)	1	03-Up	33510G	N.L.
510A	Pump Body (Remote) (F10A)	1	07-Up	33510N	N.L.
520A	Pump Cover (F09A)	1	03-Up	33520G	N.L.
520A	Pump Cover (Remote) (F10A)	1	07-Up	33520N	N.L.
N.I.	Pump Gears (F09A)	1	03-Up	33530G	N.L.
532A	Pump Rotor (F10A)	1	07-Up	33532N	N.L.
533A	Pump Vanes (F10A)	12	07-Up	33533N	N.L.
534A	Pump Slide (F10A)	1	07-Up	33534N	N.L.
544A	Pump End Plate (Rear) (F10A)	1	07-Up	33544N	N.L.
	DRUMS & CLUTCH HUBS				
554B	Drum, Forward (4 Clutch) (F09A)	1	03-Up	33554G	N.L.
554B	Drum, Forward (3 Clutch) (F10A)	1	07-Up	33554N	N.L.
	PLANETS				
N.I.	Planet Kit (4 Gear Planet) (F09A)	1	03-Up	33583G	N.L.
N.I.	Planet Kit (5 Gear Planet) (F09A)	1	03-Up	33583GA	N.L.
584C	Planet (4 Gear) (F09A)	1	03-Up	33584G	N.L.
584C	Planet (5 Gear) (F09A)	1	03-Up	33584GA	N.L.
584C	Planet (F10A)	1	07-Up	33584N	N.L.
594C	Ring Gear (.725” Thick) (F09A)	1	03-Up	33594G	N.L.
594C	Ring Gear (.570” Thick) (F10A)	1	07-Up	33594N	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614C	Sun Gear (.680” Thick, 4 Clutch) (F09A)	1	03-Up	33614G	N.L.
614C	Sun Gear (.570” Thick, 3 Clutch) (F10A)	1	07-Up	33614N	N.L.
632B	Support, Front Cover (F10A)	1	07-Up	33632N	N.L.
	SHAFTS				
670B	Shaft, Input (3 Large, 1 Small Ring) (F09A)	1	03-Up	33670G	N.L.
670B	Shaft, Input (3 Large, 2 Small Ring) (F09A)	1	03-Up	33670GA	N.L.
670B	Shaft, Input (6.75” Long) (F10A)	1	07-Up	33670N	N.L.
671A	Shaft, Pump (F10A)	1	07-Up	33671N	N.L.
	CHAINS & SPROCKETS				
703A	Chain, Pump Drive (F10A)	1	07-Up	33703N	N.L.
805B	Sprocket, Pump Drive (F10A)	1	07-Up	33805N	N.L.
806A	Sprocket, Pump Driven (F10A)	1	07-Up	33806N	N.L.
	VALVE BODIES				
740H	Valve Body, Cast FYO#2A (F09A)	1	03-Up	33740G	N.L.
740H	Valve Body, Cast FYO#1B (F09A)	1	03-Up	33740GA	N.L.
740H	Valve Body (F10A)	1	07-Up	33740N	N.L.
	CASES & HOUSINGS				
750H	Bell Housing w/ 1 Bolt Bracket (F09A)	1	03-Up	33750G	N.L.
750H	Bell Housing w/ 2 Bolt Bracket (F09A)	1	03-Up	33750GA	N.L.
750H	Bell Housing (F10A)	1	07-Up	33750N	N.L.
759F	Cover, End (F09A)	1	03-Up	33759G	N.L.
759F	Cover, End (F10A)	1	07-Up	33759N	N.L.
760G	Case, 8” w/ 3 Large Rings & 1 Small Ring (F09A)	1	03-Up	33760G	N.L.
760G	Case, 8” w/ 3 Large Rings & 2 Small Rings (F09A)	1	03-Up	33760GA	N.L.
760G	Case (F10A) (Chrysler/Mitsubishi)	1	07-Up	33760N	N.L.

RE0F09A (JF010E), RE0F10A (JF011E)

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS (Cont.)				
760G	Case (F10A) (Nissan)	1	07-Up	33760NA	N.L.
765H	Pan, Lower (Steel) (F09A)	1	03-Up	33765G	N.L.
765H	Pan, Lower (Aluminum) (F09A)	1	03-Up	33765GA	N.L.
765H	Pan, Lower (F10A) (Chrysler/Mitsubishi)	1	07-Up	33765N	N.L.
765H	Pan, Lower (F10A) (Nissan)	1	07-Up	33765NA	N.L.
	DIFFERENTIALS				
715F	Differential, 2wd (F09A)	1	03-Up	33715G	N.L.
715F	Differential, 4wd (F09A)	1	03-Up	33715GA	N.L.
715F	Differential (F10A)	1	07-Up	33715N	N.L.
716F	Differential Housing (F09A)	1	03-Up	33716G	N.L.
716F	Differential Housing (F10A)	1	07-Up	33716N	N.L.
720F	Differential Ring Gear (F09A)	1	03-Up	33720G	N.L.
720F	Differential Ring Gear (F10A)	1	07-Up	33720N	N.L.
730F	Transfer Gear w/ Pinion (F09A)	1	03-Up	33730G	N.L.
730F	Transfer Gear w/ Pinion (F10A)	1	07-Up	33730N	N.L.
730F	Ring & Pinion (F09A)	1	03-Up	33730GK	N.L.
730F	Ring & Pinion (F10A)	1	07-Up	33730NK	N.L.
	CVT COMPONENTS				
679F	Follower Shaft, Driven Pulley (F09A)	1	03-Up	33679G	N.L.
679F	Follower Shaft, Driven Pulley (F10A)	1	07-Up	33679N	N.L.
700D	Belt, Drive (F09A) (No Groove) (.960” Wide)	1	03-Up	33700G	901063
700D	Belt, Drive (RE0F09B) (Murano)	1	03-Up	33700GA	N.L.
700D	Belt, Drive (F10A) (1 Groove) (1.180” Wide)	1	07-Up	33700N	N.L.
708E	Output Gear, Driven Pulley (F09A)	1	03-Up	33708G	N.L.
708E	Output Gear, Driven Pulley (F10A)	1	07-Up	33708N	N.L.
710D	CVT Kit, Drive & Driven Pulleys, Belt (F09A)	1	03-Up	33710GK	N.L.
710D	CVT Kit, Drive & Driven Pulleys, Belt (F10A)	1	07-Up	33710NK	N.L.
711D	Drive Pulley, Primary (Complete) (F09A)	1	03-Up	33711G	N.L.
711D	Drive Pulley, Primary (Complete) (F10A)	1	07-Up	33711N	N.L.
711D	Transfer Gear, Drive (28T) (F09A)	1	07-Up	33711G-1	N.L.
712E	Driven Pulley, Secondary (Complete) (F09A)	1	03-Up	33712G	N.L.
712E	Driven Pulley, Secondary (Complete) (F10A)	1	07-Up	33712N	N.L.
712E	Transfer Gear, Driven (43T) (F09A)	1	07-Up	33712G-1	N.L.
713F	Follower, Driven Pulley (F09A)	1	03-Up	33713G	N.L.
713F	Follower, Driven Pulley (F10A)	1	07-Up	33713N	N.L.
796E	Nut, Driven Pulley (Front) (F10A)	1	07-Up	33796N	N.L.
797D	Nut, Drive Pulley (F10A)	1	07-Up	33797N	N.L.
799E	Nut, Driven Pulley (Rear) (F10A)	1	07-Up	33799N	N.L.
842D	Retainer, Drive Pulley Bearing (F09A)	1	03-Up	33842G	N.L.
842D	Retainer, Drive Pulley Bearing (F10A)	1	07-Up	33842N	N.L.
843E	Retainer, Driven Pulley Bearing (F09A)	1	03-Up	33843G	N.L.
843E	Retainer, Driven Pulley Bearing (F10A)	1	07-Up	33843N	N.L.
	MISCELLANEOUS COMPONENTS				
769H	Cover, Cooler Filter (F10A)	1	07-Up	33769N	N.L.
853C	Cushion, Forward (F09A)	1	03-Up	33853G	N.L.
853C	Cushion, Forward (F10A)	1	07-Up	33853N	N.L.
854A	Cushion, Reverse (F09A)	1	03-Up	33854G	N.L.
854A	Cushion, Reverse (F10A)	1	07-Up	33854N	N.L.
964B	Piston, Forward Clutch (F09A)	1	03-Up	33964G	N.L.
964B	Piston, Forward Clutch (Bonded) (F10A)	1	07-Up	33964N	N.L.
966F	Piston, Reverse Clutch (Bonded) (F09A)	1	03-Up	33966G	F09-F45-401
966F	Piston, Reverse Clutch (Bonded) (F10A)	1	07-Up	33966N	N.L.
974B	Return Spring, Forward (F09A)	1	03-Up	33974G	N.L.
974B	Return Spring, Forward (F10A)	1	07-Up	33974N	N.L.
976F	Return Spring, Reverse (F09A)	1	03-Up	33976G	N.L.
976F	Return Spring, Reverse (F10A)	1	07-Up	33976N	N.L.
977F	Return Spring, Reverse Spring Plate (F10A)	1	07-Up	33977N	N.L.
984B	Piston Retainer, Forward Clutch Balance (Bonded) (F09A)	1	03-Up	33984G	N.L.
984B	Piston Retainer, Forward Clutch Balance (Bonded) (F10A)	1	07-Up	33984N	N.L.
N.I.	Parking Gear (F09A)	1	03-Up	33695G	N.L.
N.I.	Parking Gear (F10A)	1	07-Up	33695N	N.L.
N.I.	Manual Shaft (F09A)	1	03-Up	33991G-4	N.L.
N.I.	Parking Rod (F09A)	1	03-Up	33994G	N.L.
N.I.	Parking Rod (F10A)	1	07-Up	33994N	N.L.

RE0F09A (JF010E), RE0F10A (JF011E)

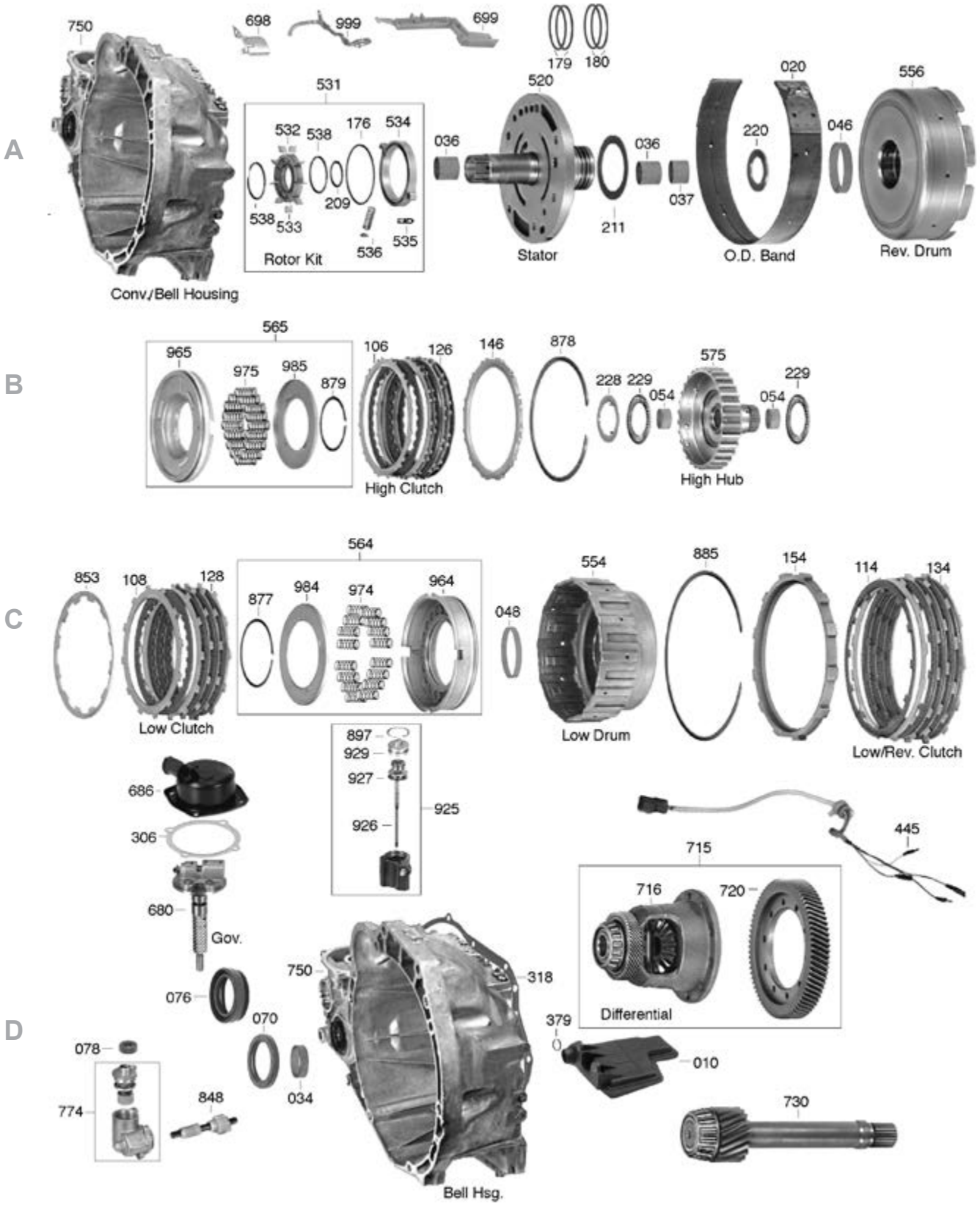
ILL.		QTY.	YEAR	PART No.	REF. No.
MISCELLANEOUS COMPONENTS (Cont.)					
N.I.	Parking Pawl (F09A)	1	03-Up	33995G	N.L.
N.I.	Parking Pawl (F10A)	1	07-Up	33995N	N.L.
N.I.	Tube, 1 Bolt (3.86” Long) (F09A)	1	03-Up	33999G	N.L.
N.I.	Tube, Copper (6.75” Long) (F09A)	1	03-Up	33999GA	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Lock-Up Control Sleeve & Plunger Valve Kit (JF010E, JF011E)	N.I.	4	33741GCK	113741-11K
Vol 9	OD Secondary Pulley Control Valve Kit (JF010E Only) (T-F-113741-TL17 & T-VB-FIX req)	N.I.	7	33741GHBK	113741-17K
Vol 9	OD Secondary Pulley Control Valve Kit (JF011E Only) (T-F-113741-TL17 & T-VB-FIX req)	N.I.	7	33741GHAK	113741-19K
Vol 9	Primary PR Valve Kit O.S. (T-F-113741-TL9 & T-VB-FIX req) (JF010E, JF011E)	N.I.	1	33741GAK	113741-09K
Vol 9	Pump Flow Control Valve O.S. (JF010E Only) (T-F-113741-TL7C & T-VB-FIX req)	N.I.	5	33741GBK	113741-07
Vol 9	Pump Flow Control Valve O.S. (JF011E Only) (T-F-33510N-TL & T-VB-FIX req)	N.I.	5	33741GBK	113741-07
Vol 9	Secondary Regulator Valve Kit O.S. (JF010E Only) (T-F-113741-TL13 & T-VB-FIX req)	N.I.	6	33741GPAK	113741-15K
Vol 9	Secondary Regulator Valve Kit O.S. (JF011E Only) (T-F-113741-TL13 & T-VB-FIX req)	N.I.	6	33741GPK	113741-13K
Vol 9	Solenoid Regulator Line Pressure Valve Kit (JF010E, JF011E)	N.I.	2	33741GHK	113741-01K
Vol 9	TCC Limit & Lube Valve Kit O.S. (T-F-113741-TL4 & T-VB-FIX req) (JF010E, JF011E)	N.I.	3	33741GQK	113741-04K

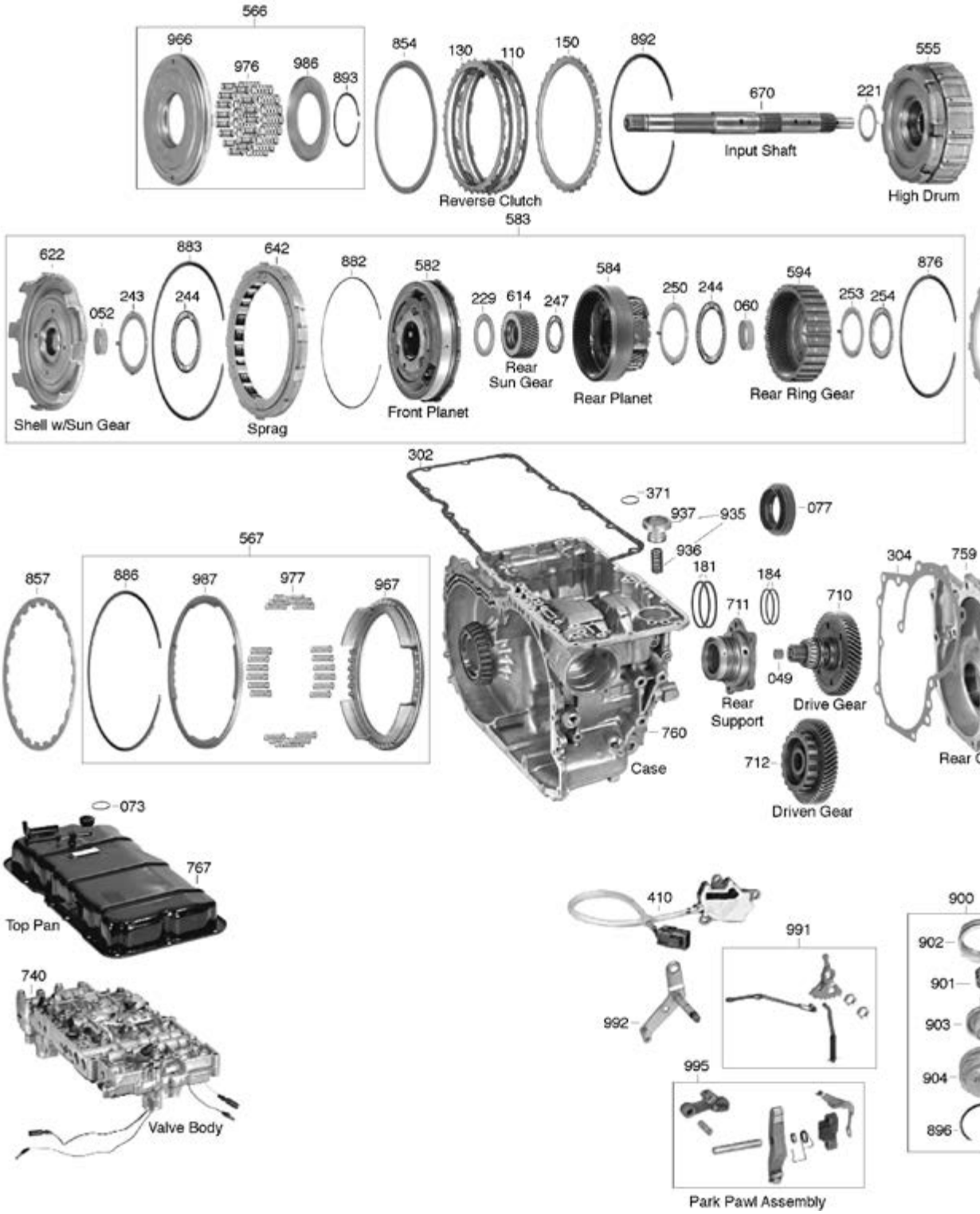
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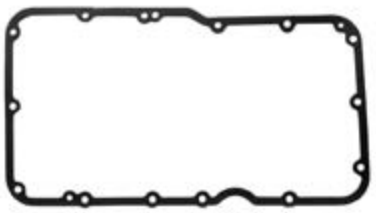
RE4F02A, RL4F02A



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Sprag
Shell w/Sun Gear
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582
Front Planet
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614
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Rear
Sun Gear
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Rear Planet
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244
060
594
Rear Ring Gear
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254
876
148
F
302
371
937
935
936
077
181
184
711
710
049
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Support
Drive Gear
304
759
Rear Cover
G
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567
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987
977
967
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Case
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Driven Gear
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Valve Body
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Park Pawl Assembly
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H

RE4F02A, RL4F02A


93302


93010

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	RL4F02A (Hydraulic) Maxima (8/85-88) (1)	1	85-88	93006F	N.L.
006	RL4F02A (Hydraulic) Stanza	1	86-89	93006AF	N.L.
006	RL4F02A (Hydraulic) Pulsar	1	88-90	93006BF	N.L.
006	RL4F02A (Hydraulic) Axxess, Pintara	1	90-93	93006DF	N.L.
006	RE4F02A (Electronic) Maxima	1	89-94	93006CF	N.L.
006	RE4F02A (Electronic) Stanza	1	89-94	93006EF	N.L.
LESS STEEL KITS					
004	RL4F02A (Hydraulic) Maxima (8/85-88) (1)	1	85-88	93004F	N.L.
004	RL4F02A (Hydraulic) Stanza	1	86-89	93004AF	N.L.
004	RL4F02A (Hydraulic) Pulsar	1	88-90	93004BF	N.L.
004	RL4F02A (Hydraulic) Axxess, Pintara	1	90-93	93004DF	N.L.
004	RE4F02A (Electronic) Maxima	1	89-94	93004CF	N.L.
004	RE4F02A (Electronic) Stanza	1	89-94	93004EF	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	RL4F02A (Hydraulic)	1	85-89	93002F	N.L.
002	RL4F02A (Hydraulic) Axxess, Pintara	1	90-93	93002HF	N.L.
002	RE4F02A (Electronic)	1	89-94	93002CF	N.L.
FILTERS					
010D	RL4F02A, RE4F02A	1	84-94	93010	31728-21X02
BANDS					
020A	Overdrive	1	84-94	93020	31630-21X00
BUSHINGS					
030	Bushing Kit, RL4F02A, RE4F02A	1	84-94	93030	N.L.
034D	Bell Housing	1	84-94	93034	31343-21X01
METAL CLAD SEALS					
070D	Front (Converter Housing)	1	84-94	93070	31344-21X00
076D	Right Axle (33 x 59 x 17mm) (All 2wd)	1	84-94	93076	38342-81X01
077G	Left Axle (39 x 57 x 17mm) (All Maximas)	1	84-94	93077	38342-21X01
077G	Left Axle (39 x 57 x 17mm) (Stanza RL 2wd - Some)	1	84-94	93077	38342-21X01
077G	Left Axle (39 x 57 x 21mm) (Stanza RL-SW 2wd-Some, Stanza RE 2wd, RL 4wd)	1	84-94	93077A	38342-21X00
077G	Left Axle (39 x 57 x 21mm) (Axxess RL 2wd, Pulsar RL)	1	84-94	93077A	38342-21X00
077G	Left Axle (46 x 90 x 11mm)	1	84-94	93077B	38342-80X00
FRICTION PLATES					
106B	High (.062") (30 Wide T) 5.235" OD	4	84-94	93106B	31532-AA050
106B	High (.062") (30 Wide T) 5.045" OD	4	84-94	93106A	31532-21X10
106B	High (.079") (30 Wide T) 5.045" OD	3	84-94	93106	31532-21X03
108C	Low (30T)	4-6	84-94	93108	31592-21X00
110E	Reverse (8T)	2	85-89	93110	31532-21X00
110E	Reverse (34T)	2	90-94	93110A	31532-AA030
114C	Low/ Reverse (12T)	5-7	84-94	93114	31662-21X01
119	Friction Module, RE4F02A (Maxima 89-94)	1	84-94	93119C	N.L.
STEEL PLATES					
126B	High (24T) (.055")	7	84-94	93126	31536-21X03
126B	High (24T) (.067")	7	84-94	93126A	31536-21X02
126B	High (24T) (.079")	1-5	84-94	93126AA	31566-21X00
126B	High (24T) (.108")	3-6	84-94	93126AB	31526-21X02

RE4F02A, RL4F02A

ILL.		QTY.	YEAR	PART No.	REF. No.
STEEL PLATES (Cont.)					
126B	High (24T) (.118”)	AR	84-94	93126AC	31566-21X01
126B	High (27T) (.079”)	1	84-94	93126BA	31536-41X03
126B	High (27T) (.095”)	4	84-94	93126C	31536-21X04
126B	High (27T) (.118”)	3	84-94	93126B	31536-AA030
128C	Low	5-7	84-94	93128	31596-21X00
130E	Reverse (30 Round Teeth)	2	84-94	93130	31536-21X01
130E	Reverse (30 Square Teeth)	2	84-94	93130A	31536-AA000
134C	Low/ Reverse	5-7	84-94	93134	31666-23X00
VALVE BODY RECALIBRATION KITS					
165	Shift Kit®, RE4F02A & RL4F02A (Transgo®)	1	84-94	T93165	SK® RE4F02A
SEALING RINGS					
175H	Ring Kit	1	84-94	93175	N.L.
THRUST WASHERS					
200	Washer Kit	1	84-94	93200C	N.L.
211A	Stator to Reverse Drum .028” (Plastic)	1	84-94	93211	31528-21X00
211A	Stator to Reverse Drum .035” (Plastic)	1	84-94	93211A	31528-21X01
211A	Stator to Reverse Drum .043” (Plastic)	1	84-94	93211B	31528-21X02
211A	Stator to Reverse Drum .051” (Plastic)	1	84-94	93211C	31528-21X03
211A	Stator to Reverse Drum .067” (Plastic)	1	84-94	93211E	31528-21X05
211A	Stator to Reverse Drum .075” (Plastic)	1	84-94	93211F	31528-21X06
BEARINGS & RACES					
201	Bearing Kit, Planetary (Partial)	1	84-94	93201	N.L.
221E	Race, Stator to High Drum .047” (Metal w/ 3 Outer Tabs)	1	84-94	93221AA	31429-21X02
221E	Race, Stator to High Drum .055” (Metal w/ 3 Outer Tabs)	1	84-94	93221AB	31429-21X03
221E	Race, Stator to High Drum .063” (Metal w/ 3 Outer Tabs)	1	84-94	93221AC	31429-21X04
221E	Race, Stator to High Drum .079” (Metal w/ 3 Outer Tabs)	1	84-94	93221AE	31429-21X06
228B	Race, High Drum to Hub (Metal w/ 3 Inner Tabs)	1	84-94	73228	31439-21X00
229B	Bearing w/ Race, High Drum to Hub (Both Sides) & Front Planet Rear	3	84-94	53232	31436-X0100
243F	Race, Shell to Front Planet & Rear Planet to Ring Gear	2	84-94	73243	31464-21X00
244F	Bearing w/ Race, Shell to Front Planet & Rear Planet to Ring Gear	2	84-94	73244	31435-21X00
253F	Race, Rear Ring Gear to Rear Support	1	84-94	93253	31456-21X00
254F	Bearing, Rear Ring Gear to Rear Support	1	84-94	93254	31455-21X00
GASKETS & O-RINGS					
302G	Gasket, Top Pan Gasket (Cork)	1	84-94	93302	31396-21X01
302G	Gasket, Top Pan Gasket (Fiber)	1	84-94	93302F	31396-21X01
304H	Gasket, Transfer Gear Cover (Paper)	1	84-94	93304	31397-21X00
318D	Gasket, Bell Housing to Case (Paper)	1	84-94	93318	31309-21X06
320	Gasket, Valve Body to Case	1	84-94	93320C	31716-27X60
320	Gasket Set, Valve Body (Axxess, Pintara)	1	84-94	93320K	N.L.
321	Gasket, Valve Body to Spacer Plate	1	84-94	93321C	31717-27X60
322	Gasket, Valve Body (Lock-Up) (Upper)	1	84-94	93322CA	31827-27X60
322	Gasket, Valve Body (Lock-Up) (Lower)	1	84-94	93322CB	31828-27X60
362	O-Ring, Servo Cover	1	84-94	93362	N.L.
TECHNICAL MANUALS					
400H	RL4F02A (Hydraulic)	1	84-94	93400A	83-RL4F02ATM
400H	RE4F02A (Electronic)	1	84-94	93400B	RE4F02A
ELECTRICAL COMPONENTS					
420	Solenoid Assembly (4 Solenoids w/ Mounting Plate) (RE4F02A)	1	89-94	93420	31940-27X66
425	Solenoid, Lock-Up (RL4F02A)	1	84-94	93425A	31940-21X04
425	Solenoid, Lock-Up (RE4F02A)	1	89-94	93425B	31940-27X63
427	Solenoid, Overdrive (RL4F02A)	1	84-94	93427A	31940-21X05
PUMPS					
520A	Stator (3.00” Shaft) (Stepped)	1	84-94	93520B	N.L.
520A	Stator (3.25” Shaft) (Stepped)	1	84-94	93520CA	N.L.
520A	Stator (3.25” Shaft) (Non Stepped)	1	84-94	93520CC	N.L.
531A	Rotor Kit, Pump (w/ Vanes, Slide & Rotor)	1	84-94	93531	N.L.

RE4F02A, RL4F02A

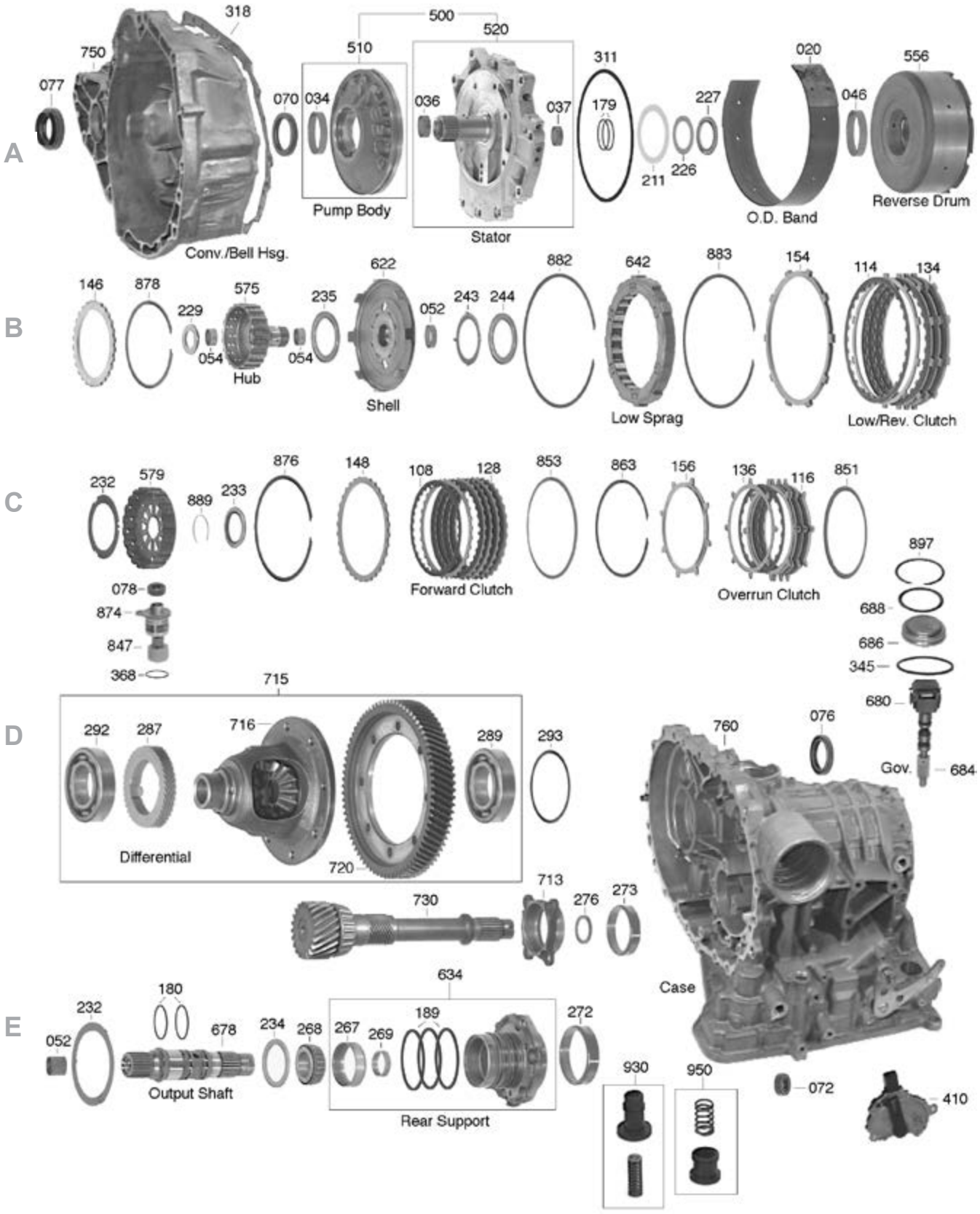
ILL.		QTY.	YEAR	PART No.	REF. No.
	DRUMS & CLUTCH HUBS				
555E	High (24T Steels)	1	84-94	93555A	31541-21X02
555E	High (27T Steels)	1	84-94	93555	31541-21X01
556A	Reverse (Cast Iron, Most Maximas)	1	84-94	93556	N.L.
556A	Reverse (Steel, Most Stanza's)	1	84-94	93556A	N.L.
575B	Clutch Hub, High Clutch (Cast Iron Clutch Hub)	1	84-94	93575A	31550-21X06
	PLANETS				
582F	Front (Flat Where Low Drum Sets) (1 Groove)	1	84-94	93582C	N.L.
582F	Front (Half Moon Cuts Where Low Drum Sets) (1 Groove)	1	84-94	93582B	31420-21X11
583F	Planet Kit (Half Moon Cuts on Front Planet Where Low Drum Rides)	1	84-94	93583	N.L.
583F	Planet Kit (Flat on Front Planet Where Low Drum Rides)	1	84-94	93583A	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614F	Sun Gear, Rear (No Groove)	1	84-94	93614	31469-21X01
622F	Shell, w/ Sun Gear (No Grooves)	1	84-94	93622	31460-21X03
622F	Shell, w/ Sun Gear (1 Groove)	1	84-94	93622A	N.L.
	ONE WAY CLUTCHES				
642F	Sprag Assembly, One Way Clutch w/ Race	1	84-94	93642	N.L.
	VALVE BODIES				
740H	Valve Body (Premium) Hydraulic	1	84-94	P93740-3	N.L.
740H	Valve Body (Premium) Electronic	1	88-94	P93740-1	N.L.
741H	Sleeve, Boost Valve (Pressure Regulator)	1	84-94	93741P-2	93990
	CASES & HOUSINGS				
750A	Bell Housing, Square Starter Hole (RE4F02A) (VG Code)	1	84-94	93750BB	N.L.
	MISCELLANEOUS COMPONENTS				
854E	Reverse Cushion Kit (Cast Drum Saver Kit)	1	84-94	93854K	68758
854E	Reverse Cushion Kit (Steel Drum Saver Kit)	1	84-94	73854K	N.L.
854E	Reverse Cushion Plate w/ Tangs	1	84-94	93854A	31535-21X05

VOL.	SONNAX PRODUCTS	PAGE ILL.		PART NO.	SONNAX NO.
Vol 9	Elevated Pressure Main Pressure Regulator Spring (20 per bag) (RE4F02A)	N.I.	N.I.	93940-01	93940-01
Vol 9	Pressure Regulator Boost Sleeve (RE/RL4F02A)	N.I.	N.I.	S93741P-2	93990
Vol 9	Servo Pin Kit w/ O-Ring (RE/RL4F02A)	N.I.	N.I.	A93926	93903-01K
Vol 9	Splined Repair Insert, Front Planet (RL4F02A) (Machining Required)	N.I.	N.I.	S93582FIX	93897S

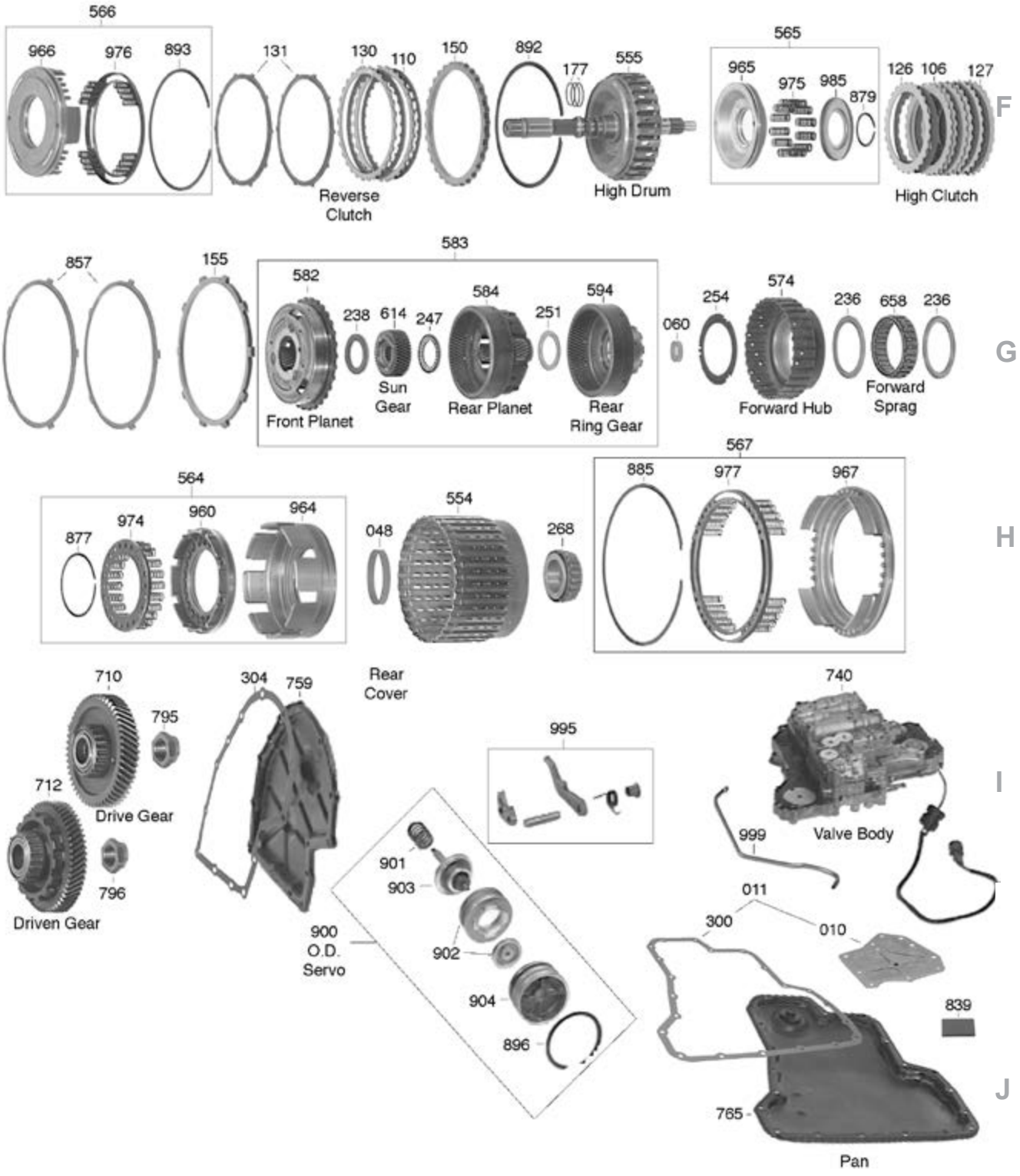
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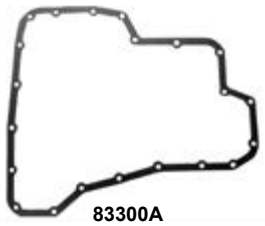
RE4F03A, RL4F03A



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High Drum
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O.D. Servo
011
300
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765
J
Pan

RE4F03A, RL4F03A



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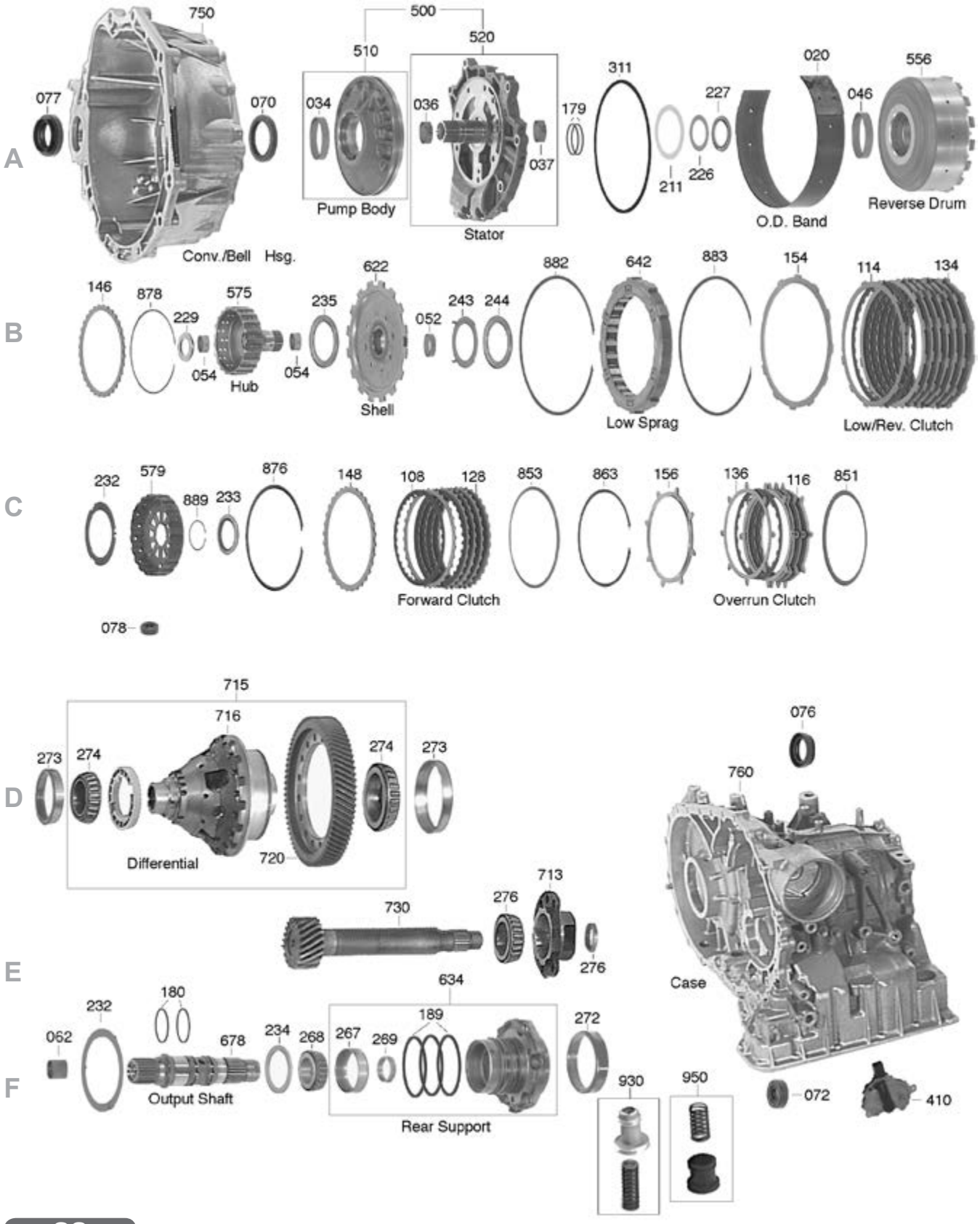
ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	RL4F03A, RE4F03A, RE4F03B, RE4F03V (1.6L)	1	91-97	83006AF	N.L.
006	RL4F03A, RE4F03A, RE4F03B, RE4F03V (1.6L)	1	98-Up	83006DF	N.L.
006	RL4F03A, RE4F03A, RE4F03B, RE4F03V (Exc 1.6L)	1	91-97	83006CF	N.L.
006	RL4F03A, RE4F03A, RE4F03B, RE4F03V (Exc 1.6L)	1	98-Up	83006EF	N.L.
LESS STEEL KITS					
004	RL4F03A, RE4F03A, RE4F03B, RE4F03V	1	91-97	83004AF	N.L.
004	RL4F03A, RE4F03A, RE4F03B, RE4F03V	1	98-Up	83004DF	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	RL4F03A, RE4F03A, RE4F03B, RE4F03V	1	91-Up	83002AF	N.L.
002	RE4F03A (Micra)	1	04-Up	83002H	N.L.
FILTER KITS					
011	RL4F03A, RE4F03A, RE4F03B, RE4F03V	1	91-Up	83011AA	N.L.
FILTERS					
010J	RL4F03A, RE4F03A, RE4F03B, RE4F03V	1	91-Up	83010AA	31728-31X01
BANDS					
020A	Overdrive (RL4F03A, RE4F03A) (w/o Tab)	1	91-Up	83020A	31630-31X01
020A	Overdrive (RL4F03A, RE4F03A) (w/ Tab)	1	00-Up	83020AA	31630-31X03
BUSHINGS					
030	Bushing Kit	1	91-Up	83030A	N.L.
034A	Pump Housing	1	91-Up	83034A	31405-31X13
METAL CLAD SEALS					
070A	Converter Housing	1	91-Up	83070A	BH3937-F0
072E	Manual Lever	1	91-Up	60072	91209612003
077A	Left Axle (w/o Viscous Coupling)	1	91-Up	83076AA	AE2365-G0
077A	Left Axle (w/ Viscous Coupling)	1	91-Up	83077AA	38342-31X02
076D	Right Axle (1.6L)	1	91-Up	83076AA	AE2365-G0
076D	Right Axle (Exc 1.6L)	1	91-Up	83076A	38342-31X01
FRICTION PLATES					
106F	High .063" (.265" Wide T) (Exc. 1.6L)	4	91-Up	83106AB	31532-31X08
106F	High .079" (.170" Wide T) (1.6L)	3	91-Up	83106AA	31532-31X01
108C	Forward	5	91-Up	83108A	31532-31X02
110F	Reverse	2	91-Up	83110A	31532-31X00
114B	Low/ Reverse (5.89" OD)	5	91-97	83114A	31532-31X04
114B	Low/ Reverse (5.94" OD)	5	98-Up	83114AA	31532-31X10
116C	Overrun	3	91-Up	83116A	31532-31X03
STEEL PLATES					
126F	High (.059")	6	91-Up	83126AA	31536-31X07
126F	High (.079")	1-5	91-Up	83126A	31536-31X01
128C	Forward	5	91-Up	83128A	31536-31X02
130F	Reverse	2	91-Up	83130A	31536-31X05
134B	Low/ Reverse	5	91-Up	83134A	31666-31X01
136C	Overrun	4	91-Up	83136A	31536-31X03

RE4F03A, RL4F03A

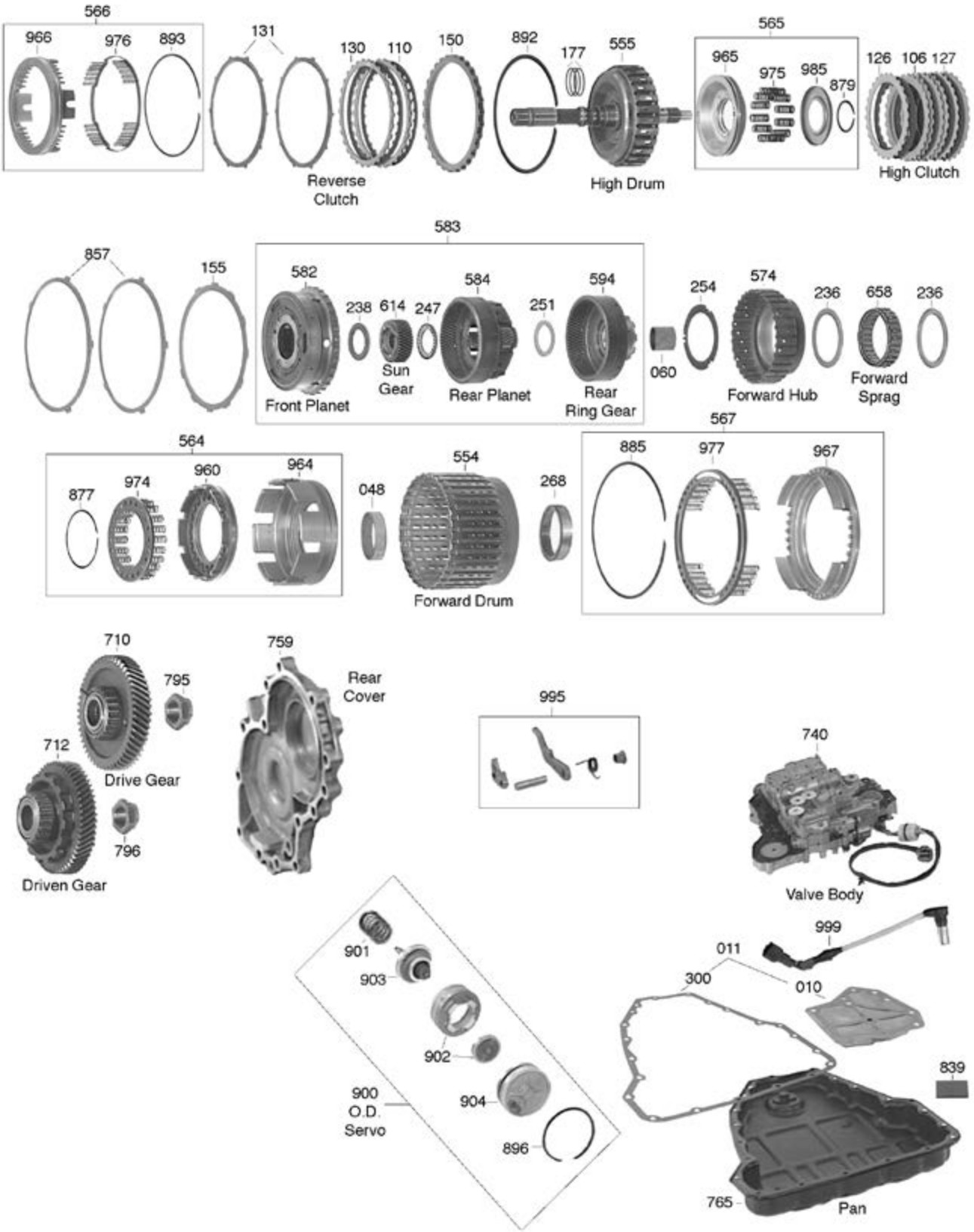
ILL.		QTY.	YEAR	PART No.	REF. No.
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, RL4F03A (Transgo®)	1	91-Up	T83165A	SK® RL4F03A
165	Shift Kit®, RE4F03A (Transgo®)	1	93-Up	T83165D	SK® RE4F03A
165	Shift Kit®, RE4F03B (Transgo®)	1	00-Up	T83165E	SK® RE4F03B
165	Reprogramming Kit™, RL4F03A (Transgo®)	1	91-Up	T83169A	RL4F03A-HD2
165	Reprogramming Kit™, RE4F03A (Transgo®)	1	93-Up	T83169D	RE4F03A-HD2
165	Reprogramming Kit™, RE4F03B (Transgo®)	1	00-Up	T83169E	RE4F03B-HD2
	SEALING RINGS				
175J	Ring Kit	1	91-Up	83175A	N.L.
	THRUST WASHERS				
211A	Washer Kit, Stator Selectives Only (6 Pieces)	1	91-Up	83211AAK	N.L.
	GASKETS & O-RINGS				
300J	Gasket, Bottom Pan (Cork)	1	91-06	83300A	31397-21X26
300J	Gasket, Bottom Pan (Fiber)	1	91-06	83300AF	31397-31X02
300J	Gasket, Bottom Pan (Fiber) (Versa)	1	07-Up	83300AA	31397-31X0A
304I	Gasket, Side Cover	1	91-Up	83304A	31398-31X02
311A	O-Ring, Pump to Case	1	91-Up	83311A	31526-31X00
	TECHNICAL MANUALS				
400J	Tech Manual	1	91-Up	83400A	TM-RL4F03A
	MISCELLANEOUS COMPONENTS				
420	Solenoid Assembly (1.6L) (2 Solenoids)	1	91-94	83420AC	31940-31X01
420	Solenoid Assembly (1.6L) (2 Solenoids)	1	95-Up	83420AG	31940-31X03
420	Solenoid Assembly (2.0L) (2 Solenoids)	1	91-92	83420AC	31940-31X01
420	Solenoid Assembly (2.0L) (5 Solenoids) (Long Wire)	1	93-98	83420AE	31940-33X00
420	Solenoid Assembly (2.0L & 1.8L) (5 Solenoids) (Short Wire)	1	99-Up	83420AF	N.L.
500A	Pump Complete (11T Inner Gear)	1	91-Up	83500A	N.L.
554H	Drum, Forward & Overrun	1	91-Up	83554A	N.L.
555F	Drum, High w/ 5 3/16” Input Shaft (From Drum to Converter End)	1	91-Up	83555AB	N.L.
642B	Sprag, Low Clutch (15 Rollers)	1	91-Up	83642A	31473-31X00
642B	Sprag, Low Clutch (19 Elements)	1	91-Up	83642AB	31473-31X02
658G	Sprag, Forward (24 Lug, .387” Wide Lugs)	1	91-Up	83658AA	31484-31X00
658G	Sprag, Forward (24 Lug, .465” Wide Lugs)	1	91-Up	83658AB	31484-31X01
680D	Governor, Assembly (16T)	1	91-Up	83680A	N.L.
684D	Governor Gear (16T)	1	91-Up	83684A	N.L.
686D	Cover, Governor (Tin)	1	91-Up	83686A	N.L.
740I	Valve Body (2 Solenoid) RL4F03A	1	91-Up	83740AA	38440-M3000
740I	Valve Body (5 Solenoid) RE4R03A	1	91-Up	83740AB	N.L.

Notes

RE4F04A, JF403E, LJ4A-EL



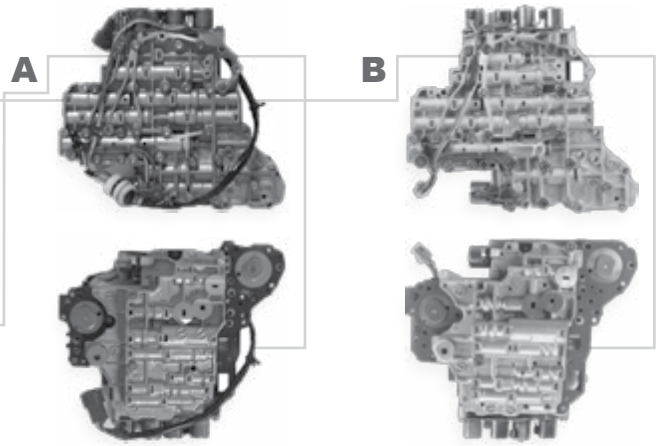
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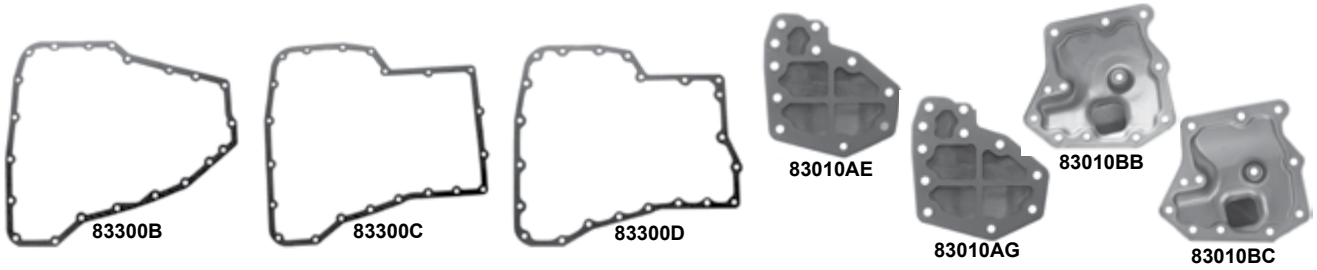

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High Clutch
Reverse Clutch
High Drum
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857
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254
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236
658
236
060
Front Planet
Sun Gear
Rear Planet
Rear Ring Gear
Forward Hub
Forward Sprag
564
877
974
960
964
048
554
268
567
885
977
967
Forward Drum
710
795
712
Drive Gear
796
Driven Gear
759
Rear Cover
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740
Valve Body
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O.D. Servo
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Pan

RE4F04A, JF403E, LJ4A-EL

VALVE BODY GUIDE

	Part	Year	Trans.	
A	P83740-2	92-Up	RE4F04A	w/long wire solenoid group
B	P83740-4	00-Up	RE4F04B	w/short wire solenoid group





ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	JF403E (GEO, Isuzu)	1	90-93	83006AAF	N.L.
006	LJ4A-EL (Mazda Millenia)	1	95-02	83006ABF	N.L.
006	RE4F04A, RE4F04B, 4F20E (Nissan, Ford, Infiniti) (Exc Below)	1	92-06	83006BF	N.L.
006	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/ Pistons)	1	03-06	83006KPF	N.L.
006	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/out Pistons)	1	03-06	83006KNF	N.L.
	LESS STEEL KITS				
004	JF403E (GEO, Isuzu)	1	90-93	83004AAF	N.L.
004	LJ4A-EL (Mazda Millenia)	1	95-02	83004ABF	N.L.
004	RE4F04A, RE4F04B, 4F20E (Nissan, Ford, Infiniti) (Exc Below)	1	92-06	83004BF	N.L.
004	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/ Pistons)	1	03-06	83004KPF	N.L.
004	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/out Pistons)	1	03-06	83004KNF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	JF403E, LJ4A-EL (Mazda, GEO, Isuzu)	1	90-02	83002AAF	N.L.
002	RE4F04A, RE4F04B, 4F20E (Nissan, Ford, Infiniti) (Exc Below)	1	92-06	83002BNF	N.L.
002	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/ Pistons)	1	03-06	83002BPF	N.L.
002	RE4F04B (Maxima 01/03-Up, Quest 05/03-Up, Altima 01/04-Up) (w/out Pistons)	1	03-06	83002BNF	N.L.
	FILTER KITS				
011	LJ4A-EL (Mazda)	1	95-02	83011AG	N.L.
011	RE4F04A, RE4F04B, 4F20E (0.400” Pickup Tube) (Nissan, Ford, Infiniti)	1	92-06	83011BB	N.L.
011	RE4F04A, RE4F04B, 4F20E (1.300” Pickup Tube) (Nissan)	1	02-06	83011BC	N.L.
	FILTERS				
010K	JF403E (GEO, Isuzu)	1	90-93	83010AE	94385937
010K	LJ4A-EL (Mazda)	1	95-02	83010AG	FX01-19-815
010K	RE4F04A, RE4F04B, 4F20E (0.400” Pickup Tube) (Nissan, Ford, Infiniti)	1	92-06	83010BB	31728-80X03
010K	RE4F04A, RE4F04B, 4F20E (1.300” Pickup Tube) (Nissan)	1	02-06	83010BC	FX01-19-815
	BANDS				
020A	Overdrive (1 9/16” Wide) (JF403E, LJ4A-EL)	1	90-02	83020C	94385793
020A	Overdrive (1.625” Wide) (RE4F04A, RE4F04B, 4F20E)	1	92-06	83020B	31630-80X02

RE4F04A, JF403E, LJ4A-EL

ILL.		QTY.	YEAR	PART No.	REF. No.
	BUSHINGS				
030	Bushing Kit (RE4F04A)	1	90-06	83030B	N.L.
034A	Pump Housing	1	90-06	83034B	31405-80X08
	METAL CLAD SEALS				
070A	Front (JF403E, LJ4A-EL)	1	90-02	98070	31375-PR000
070A	Front (RE4F04A, RE4F04B, 4F20E)	1	92-06	83070B	31375-80X00
076D	Axle (Both Sides) (JF403E)	2	90-93	83076C	97070182
076D	Axle (Both Sides) (LJ4A-EL)	2	95-02	42076A	E6GZ-11-77D
077A	Left Axle (RE4F04A, RE4F04B, 4F20E) (w/o Viscous Coupling)	1	92-06	83077B	38342-81X00
077A	Left Axle (RE4F04V) (w/ Viscous Coupling)	1	92-06	93077B	38342-80X00
076D	Right Axle (RE4F04A, RE4F04B, 4F20E)	1	92-06	93076	38342-81X01
	FRICTION PLATES				
106G	High (20T) (JF403E)	4	90-93	83106BB	94385851
106G	High (21T) (Exc. JF403E) (92-5/94)	4	92-E94	83106B	31532-80X05
106G	High (24T) (.063") (6/94-Up) (Exc Below)	4	L94-06	83106BA	31532-80X10
106G	High (24T) (.059") (Maxima 1/03-06, Quest 5/03-06, Altima 1/04-06)	4-5	03-06	83106BC	DAN03961
108C	Forward .055" (32T) (LJ4A-EL)	6	95-02	83108BB	FX01-19-590A
108C	Forward .063" (32T) (Exc LJ4A-EL)	5-6	90-02	83108B	94385824
	FRICTION PLATES (Cont.)				
110G	Reverse (5.500" OD) (Exc Below)	2	90-06	83110B	94385871
110G	Reverse (5.799" OD) (Maxima 1/03-06, Quest 5/03-06, Altima 1/04-06)	2	03-06	83110BA	31532-89X00
114B	Low/ Reverse .063" (32T) (JF403E, LJ4A-EL)	7	90-02	83114B	97069350
114B	Low/ Reverse .071" (32T) (RE4F04A, RE4F04B, 4F20E)	6-7	92-06	83114BA	31662-80X02
116C	Overrun .063" (20T)	3-4	90-06	83116B	94385834
	STEEL PLATES				
126G	High (.055" , 3.615" ID) (Exc. JF403E)	6-8	92-06	83126BA	31536-80X05
126G	High (.079" , 3.615" ID) (Exc. JF403E)	1	92-06	83126BB	31536-80X04
126G	High (.079" , 4.686" ID) (JF403E)	6	90-93	83126BD	97043655
126G	High (.087" , 4.686" ID) (JF403E)	6	90-93	83126BC	94385852
128C	Forward (.071") (Exc. LJ4A-EL)	6	92-06	83128B	94385825
128C	Forward (.055") (L4JA-EL)	6	95-02	83128BB	FX01-19-561
130G	Reverse (5.756" OD) (30T) (Exc Below)	2-3	90-06	83130B	94385872
130G	Reverse (5.984" OD) (32T) (Maxima 1/03-06, Quest 5/03-06, Altima 1/04-06)	2	03-06	83130BA	N.L.
134B	Low/ Reverse (10 Narrow T) (Exc. JF403E)	6-8	90-06	83134B	31666-80X00
134B	Low/ Reverse (10 Wide T) (JF403E)	6	90-93	83134C	94385691
136C	Overrun	3-5	90-06	83136B	94387815
	PRESSURE PLATES				
146G	High (.134" , 3.615" ID) Top	1	90-06	83146BC	N.L.
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit® (RE4F04A, RE4F04B, 4F20E) (Transgo®)	1	92-06	T83165B	SK® RE4F04A
165	Shift Kit® (RE4F04B) (Transgo®)	1	00-06	T83165C	SK® RE4F04B
165	Shift Kit® (LJ4A-EL) (Transgo®)	1	95-02	T83165F	SK® LJ4AEL
165	Reprogramming Kit™ (RE4F04A, RE4F04B, 4F20E) (Transgo®)	1	92-06	T83169B	RE4F04A-HD2
165	Reprogramming Kit™ (RE4F04B) (Transgo®)	1	00-06	T83169C	RE4F04B-HD2
165	Reprogramming Kit™ (JF403E, LJ4A-EL) (Transgo®)	1	95-02	T83169F	LJ4AEL-HD2
	SEALING RINGS				
175K	Ring Kit (RE4F04A, RE4F04B, 4F20E)	1	92-06	83175B	N.L.
175K	Ring Kit (JF403E, LJ4A-EL)	1	90-02	83175C	N.L.
	GASKETS & O-RINGS				
300K	Gasket, Bottom Pan (21 Bolts) (RE4F04A, RE4F04B, 4F20E) (Cork)	1	92-06	83300B	31397-80X01
300K	Gasket, Bottom Pan (21 Bolts) (RE4F04A, RE4F04B, 4F20E) (Fiber)	1	92-06	83300BF	31397-80X01
300K	Gasket, Bottom Pan (21 Bolts) (JF403E) (Cork)	1	90-93	83300C	94385731
300K	Gasket, Bottom Pan (21 Bolts) (JF403E) (Fiber)	1	90-93	83300CF	N.L.
300K	Gasket, Bottom Pan (22 Bolts) (LJ4A-EL) (Fiber)	1	95-02	83300DF	N.L.
311A	O-Ring, Pump to Case	1	90-06	83311B	BW01-21-032
	TECHNICAL MANUALS				
400K	Tech Manual (RE4F04A)	1	92-06	83400B	TM-RE4F04A
400K	Tech Manual (4F20E)	1	92-06	83400D	83-4F20ETM

RE4F04A, JF403E, LJ4A-EL

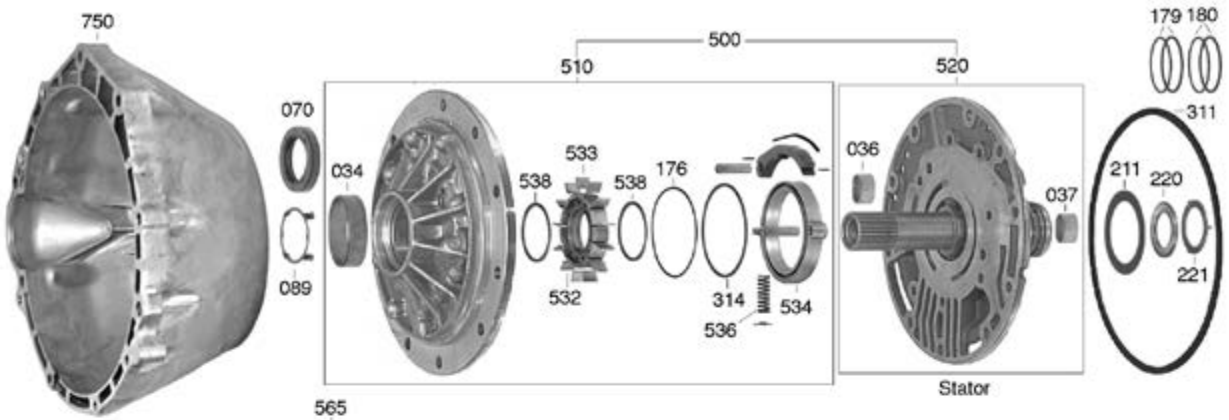
ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
420	Solenoid Assembly (JF403E)	1	90-02	83420A	94385935
420	Solenoid Assembly (LJ4A-EL)	1	95-02	83420C	FX01-21-1D1A
420	Solenoid Assembly (RE4F04A, 4F20E) (Long Wire Design)	1	92-06	83420B	31940-80X25
420	Solenoid Assembly (RE4F04B) (Short Wire Design)	1	00-06	83420BA	31940-85X01
	PUMPS				
500A	Pump Complete (9T Inner Gear) (Cast Iron Stator) (JF403E)	1	90-02	83500AE	N.L.
500A	Pump Complete (11T Inner Gear) (Aluminum Stator) (RE4F04A)	1	92-06	83500BA	N.L.
	DRUMS & CLUTCH HUBS				
554I	Forward (JF403E, LJ4A-EL)	1	90-02	83554AE	N.L.
554I	Forward (RE4F04A, RE4F04B, 4F20E)	1	92-06	83554BA	N.L.
555G	High w/ Input Shaft (28T Steels) (JF403E, LJ4A-EL)	1	90-02	83555AE	N.L.
555G	High w/ Input Shaft (20 Splines, 28T Steels) (RE4F04A, RE4F04B, 4F20E)	1	92-06	83555BA	N.L.
556A	Reverse (30 Drive Lugs) (JF403E, LJ4A-EL)	1	90-02	83556AE	N.L.
556A	Reverse (16 Drive Lugs) (RE4F04A, RE4F04B, 4F20E) (Exc 3.5L)	1	92-06	83556BA	N.L.
575B	Hub, High Clutch (21T 3.500" OD) (4F20E)	1	92-06	83575D	N.L.
575B	Hub, High Clutch (24T 3.500" OD) (RE4F04A, RE4F04B) (Exc 3.5L)	1	92-06	83575BA	N.L.
	PLANETS				
583	Geartrain (Fits 37T Sun Gear) (JF403E, LJ4A-EL)	1	92-02	83583B	N.L.
583	Geartrain (Fits 42T Sun Gear) (RE4F04A, 4F20E)	1	92-06	83583AA	N.L.
582H	Front (33T) (RE4F04A, RE4F04B, 4F20E)	1	90-06	83582BA	N.L.
584H	Rear w/ Front Planet Ring Gear (42T Sun Gear) (RE4F04A, RE4F04B, 4F20E)	1	92-06	83584BA	N.L.
594H	Ring Gear, Rear (.990" Tall Sprag Race) (RE4F04A, RE4F04B, 4F20E)	1	92-06	83594BA	N.L.
	ONE WAY CLUTCHES				
642B	Sprag Assembly, Low (18 Roller)	1	90-06	83642B	N.L.
658H	Sprag, Forward (.530" Wide Lugs) (RE4F04A, RE4F04B, 4F20E)	1	92-06	83658BA	31484-80X00
	DIFFERENTIALS				
715	Differential Assembly, Viscous (RE4F03V)	1	92-06	83715AF	N.L.
715	Differential Assembly, Viscous (4F20E)	1	92-06	83715BF	N.L.
715	Differential Assembly, Viscous (RE4F04V)	1	92-06	83715C	N.L.
	VALVE BODIES				
740J	Valve Body (Premium) (LJ4A-EL)	1	95-02	P83740-1	N.L.
740J	Valve Body (Premium) (RE4F04A) (Long Wire)	1	92-06	P83740-2	N.L.
740J	Valve Body (Premium) (RE4F04B) (Short Wire)	1	00-06	P83740-4	N.L.
741K	Valve, Pressure Regulator (Oversized) (req T-63940-TL Reamer)	1	92-06	83741PK	63940-01K
741K	Valve Kit, 1-2 Accumulator (req T-63940-BST Sizing Tool)	1	92-06	83741EK	63940-02K
741K	Valve, Accumulator Shift	1	92-06	83741EAK	63940-03K
	CASES & HOUSINGS				
765	Pan, Bottom (RE4F04A, 4F20E)	1	03-06	83765BA	31390-80X05
	MISCELLANEOUS COMPONENTS				
854	Drum Saver Kit, Reverse	1	90-06	83854K	N.L.
857H	Cushion Spring, Low/ Rev Clutch (No Lug, 5.965" ID)	1	90-06	83857B	F3XZ7B070AA
965G	Piston, High Clutch (Bonded) (RE4F04B)	1	03-06	83965BA	N.L.
965G	Retainer, High Clutch Balance (Bonded) (RE4F04B)	1	03-06	83965BB	N.L.
	TOOLS				
N.I.	Installer, Bearing Race (Nissan JF403E & GM-Geo)	1	90-06	T-1092	N.L.
N.I.	Installer, Right & Left Axle Seal (Nissan JF403E & GM-Geo)	1	90-06	T-1208-A	N.L.
N.I.	Remover, Bearing Cup (Nissan JF403E & GM-Geo)	1	90-06	T-2212	N.L.
N.I.	Remover, Side Bearing Set For Front Axle (Nissan JF403E & GM-Geo)	1	90-06	T-2210	N.L.
N.I.	Spring Compressor, Servo Piston Clutch (Nissan JF403E & GM-Geo)	1	90-06	T-2211	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Shift Valve Kit	N.I.	N.I.	83741EAK	63940-03K
Vol 9	Accumulator Valve Kit (Maxima to 99, Others to 01) (T-63940-BST req)	N.I.	N.I.	83741EK	63940-02K
Vol 9	Cooler Check Valve Spring & Plug Kit	N.I.	N.I.	S63940-07K	63940-07K

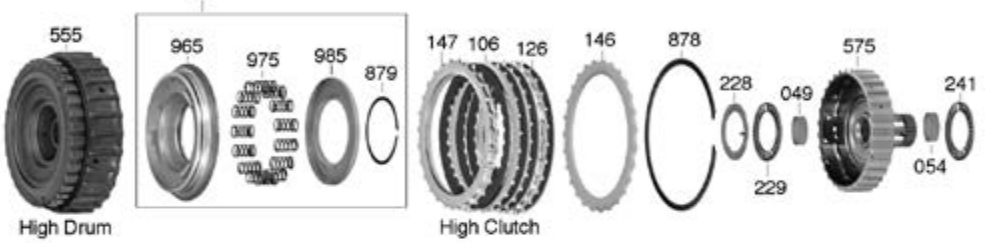
Notes

RE4R01A, RE5R01A

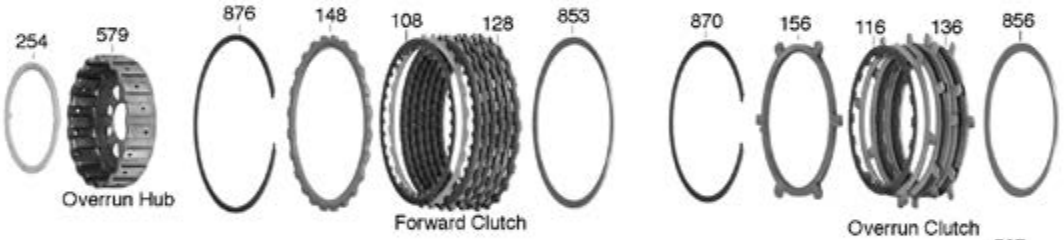
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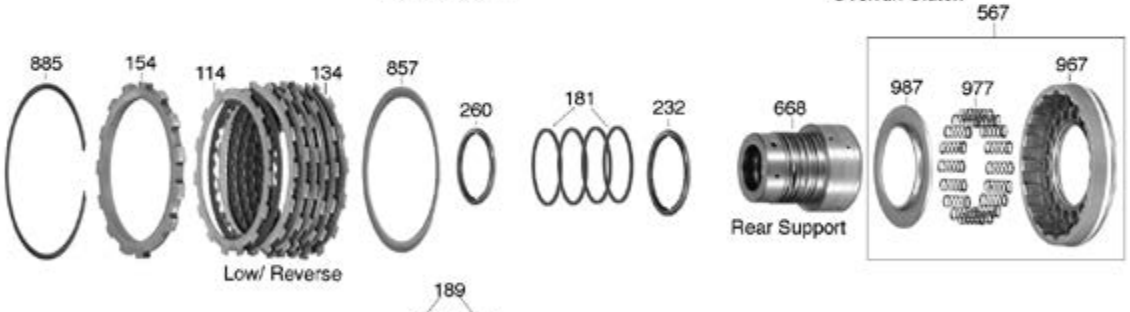
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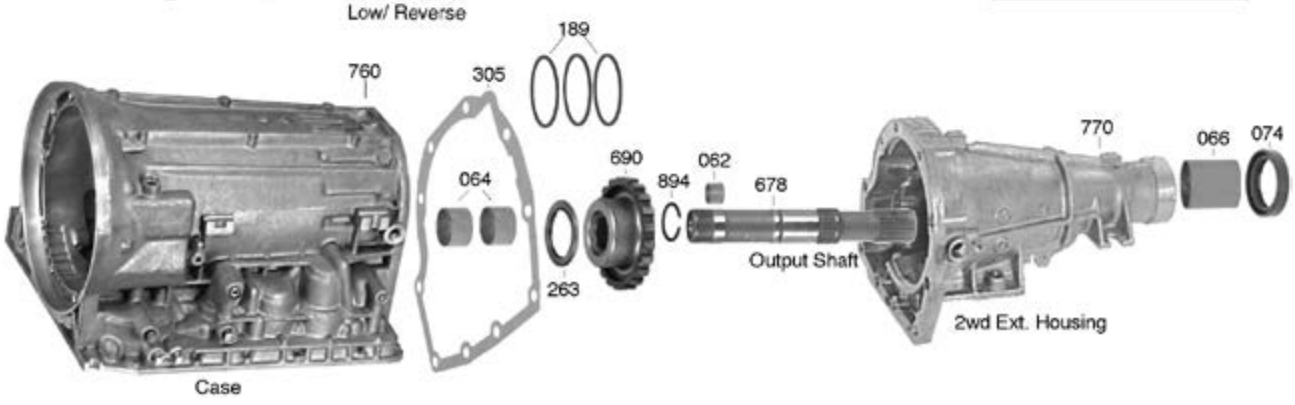
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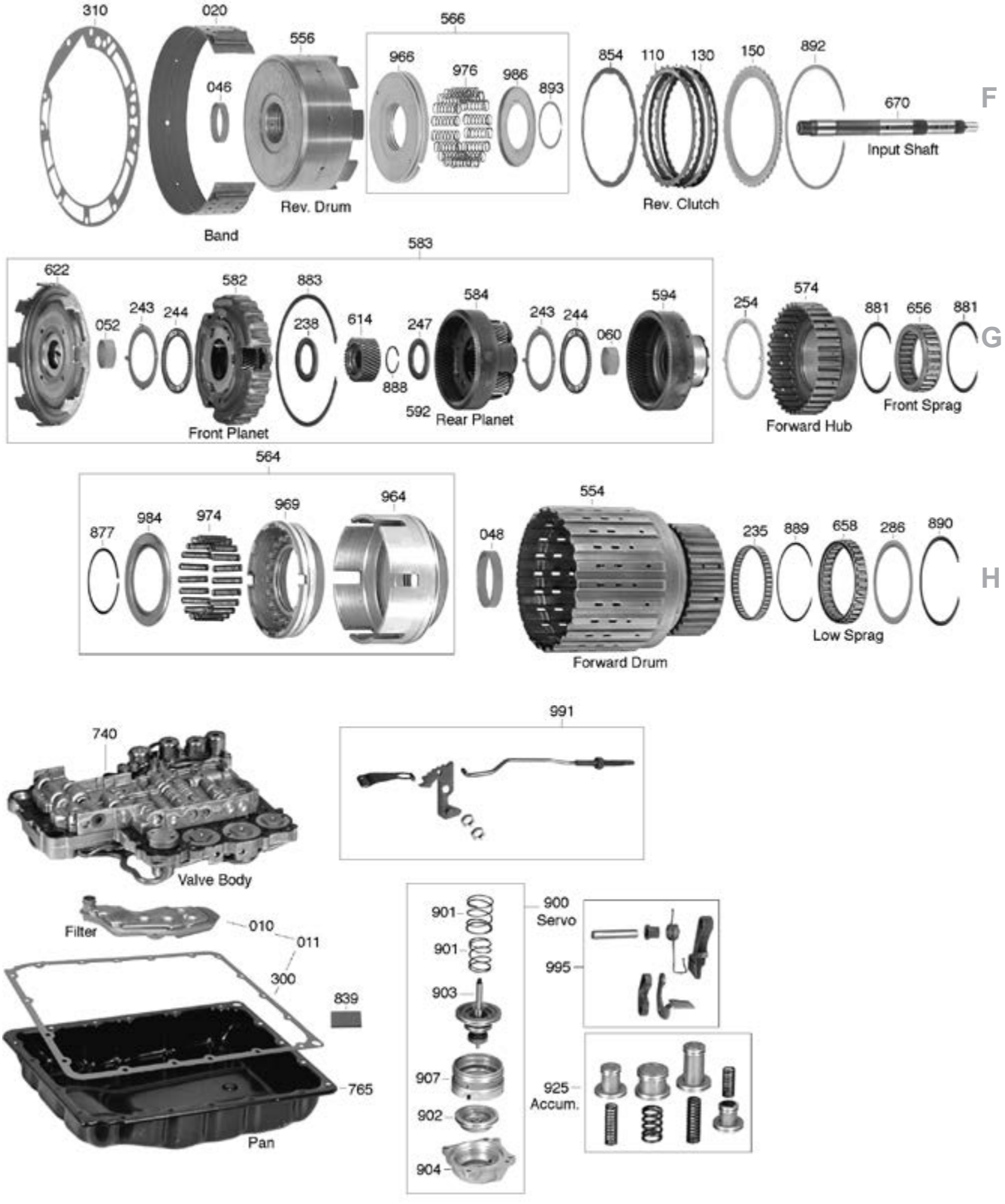
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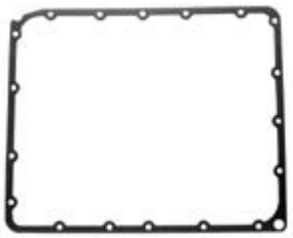
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310
020
046
556
Rev. Drum
Band
566
966
976
986
893
854
110
130
150
892
670
Input Shaft
Rev. Clutch
F
583
622
052
243
244
582
883
238
614
247
888
584
592
Rear Planet
Front Planet
243
244
060
594
254
574
881
656
881
Front Sprag
Forward Hub
G
564
877
984
974
969
964
048
554
235
889
658
286
890
Low Sprag
Forward Drum
H
740
Valve Body
991
Filter
010
011
300
839
765
Pan
901
901
903
907
902
904
900
Servo
995
925
Accum.

RE4R01A, RE5R01A


73300


A73010B


A73010D

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	Nissan (2wd Exc 300ZX Non Turbo, Infiniti J30) (All Mazda)	1	89-92	73006AF	N.L.
006	Nissan (2wd Exc 300ZX Non Turbo, Infiniti J30) (All Mazda 93-1/95)	1	93-E96	73006ABF	N.L.
006	Nissan (4wd, Also 300ZX Non Turbo, Infiniti J30)	1	87-92	73006BF	N.L.
006	Nissan (4wd, Also 300ZX Non Turbo, Infiniti J30) (All Mazda 1/95-98)	1	93-E96	73006BBF	N.L.
006	Nissan (Exc 1/00-04 Pathfinder & QX4, 01-04 Supercharged Frontier, Xterra)	1	L96-Up	73006DF	N.L.
006	Nissan (1/00-04 Pathfinder & QX4, 01-04 Supercharged Frontier & Xterra)	1	E00-04	73006HF	N.L.
006	Nissan (RE5R01A) (5 Speed) (Non USA)	1	91-Up	73006RF	N.L.
	LESS STEEL KITS				
004	Nissan (2wd Exc 300ZX Non Turbo, Infiniti J30) (All Mazda)	1	89-92	73004AF	N.L.
004	Nissan (2wd Exc 300ZX Non Turbo, Infiniti J30) (All Mazda 93-1/95)	1	93-E96	73004ABF	N.L.
004	Nissan (4wd, Also 300ZX Non Turbo, Infiniti J30)	1	87-92	73004BF	N.L.
004	Nissan (4wd, Also 300ZX Non Turbo, Infiniti J30) (All Mazda 1/95-98)	1	93-E96	73004BBF	N.L.
004	Nissan (Exc 1/00-04 Pathfinder & QX4, 01-04 Supercharged Frontier, Xterra)	1	L96-Up	73004DF	N.L.
004	Nissan (1/00-04 Pathfinder & QX4, 01-04 Supercharged Frontier & Xterra)	1	E00-04	73004HF	N.L.
004	Nissan (RE5R01A) (5 Speed) (Non USA)	1	91-Up	73004RF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	RL4R01A, RE4R01A, R4A-EL (4 Speed)	1	87-Up	73002AF	N.L.
002	RE5R01A (5 Speed) (Non USA)	1	91-Up	73002RF	N.L.
	FILTER KITS				
011	Nissan (4 Cyl 2wd) (.125” Pick-Up Tube)	1	90-Up	A73011AA	N.L.
011	Nissan (6 Cyl 2wd) (.300” Pick-Up Tube) (All Metal) (1)	1	89-Up	A73011A	N.L.
011	Nissan (6 Cyl 2wd) (.900” Pick-Up Tube) (All Metal) (2) (12/98-Up)	1	L98-Up	A73011BA	N.L.
011	Nissan (4wd) (.900” Pick-Up Tube) (All Metal)	1	87-Up	A73011BA	N.L.
011	Mazda (Exc. RX7 (.900” Pick-Up Tube)	1	89-Up	A73011BA	N.L.
011	Mazda (RX7) (1.875” Pick-Up Tube)	1	93-96	A73011C	N.L.
	(1) does not fit 2wd Supercharged Frontier/Xterra, 12/98-Up 2wd Pathfinder)				
	(2) Fits 2wd Supercharged Frontier/Xterra, 12/98-Up 2wd Pathfinder)				
	FILTERS				
010H	Nissan 4 Cyl 2wd (.125” Pick-Up Tube)	1	90-Up	A73010AA	31728-48X00
010H	Nissan 6 Cyl 2wd (.160” Pick-Up Tube) (Filtran Metal & Plastic) (1)	1	89-Up	73010A	31728-41X00
010H	Nissan (6 Cyl 2wd) (.300” Pick-Up Tube) (All Metal) (1)	1	89-Up	A73010A	31728-41X00
010H	Nissan 6 Cyl 2wd (.750” Pick-Up Tube) (Filtran Metal & Plastic) (2)	1	99-Up	73010B	31728-41X03
010H	Nissan 4wd (.750” Pick-Up Tube) (Filtran Metal & Plastic)	1	87-Up	73010B	31728-41X03
010H	Nissan 4wd (.900” Pick-Up Tube) (All Metal)	1	87-Up	A73010D	31728-41X01
010H	Mazda (Exc. RX7) (.900” Pick-Up Tube)	1	89-Up	A73010D	BV92-19-815
010H	Mazda RX7 (1.875” Pick-Up Tube)	1	93-96	A73010C	BV65-19-815
	(1) does not fit 2wd Supercharged Frontier/Xterra, 12/98-Up 2wd Pathfinder)				
	(2) Fits 2wd Supercharged Frontier/Xterra, 12/98-Up 2wd Pathfinder)				
	BANDS				
020F	Overdrive (1.500” Wide) (Only One End Has Tab)	1	87-Up	73020	31630-AA010
020F	Overdrive (1.500” Wide) (Both Ends Same)	1	99-Up	93020	31630-21X00
020F	Overdrive (2.362” Wide) (Both Ends Same) (1/00-04)	1	L00-04	73020A	31630-4AX00
	BUSHINGS				
030	Bushing Kit	1	87-Up	73030	N.L.
034A	Pump Body	1	87-Up	93034	31343-21X01
036A	Stator (Front) (.845” ID)	1	87-Up	73036	N.L.
036A	Stator (Front) (.945” ID)	1	87-Up	73036A	31405-41X02
037A	Stator (Rear)	1	87-Up	93037	31363-21X01

ILL.		QTY.	YEAR	PART No.	REF. No.
BUSHINGS (Cont.)					
046F	Reverse Drum	1	87-Up	93046	31513-21X00
048F	Forward Drum	1	87-Up	73048	N.L.
052F	Front Sun Gear (Shell)	1	87-Up	93052	31462-21X04
054B	High Clutch Hub	2	87-Up	73054	31548-21X01
060G	Rear Ring Gear	1	87-Up	73060	N.L.
062E	Output Shaft (Front)	1	87-Up	73062	N.L.
064E	Case (1.266" ID)	2	87-Up	73064	31405-41X00
064E	Case (Bronze 1 Piece, Replaces the 2 Case Bushings)	1	87-Up	73064B	N.L.
066E	Extension Housing	1	87-Up	73066	31332-X8000R
METAL CLAD SEALS					
070A	Front	1	87-Up	93070	31344-21X00
072	Manual Lever	1	87-Up	73072	BV11-19-437
074E	Extension Housing (Nissan, Infiniti)	1	87-Up	53074B	31336-X8000
074E	Extension Housing (Mazda Exc. 93-Up RX7)	1	87-Up	53074D	M502-17-335A
074E	Extension Housing (Mazda 93-Up RX7)	1	93-Up	73074B	BV65-19-437
074E	Adapter Housing (Mazda 4wd)	1	87-Up	73074C	M504-17-335
074E	Adapter Housing (Nissan 4wd)	1	87-Up	73074D	31366-X6901
089A	Seal Retainer, Front Seal Lock	1	87-Up	73089	N.L.
FRICTION PLATES					
106B	High (.063") (30T)	4-5	87-Up	93106B	31532-AA050
108C	Forward (.063") (36T)	5-8	87-Up	73108A	31532-AA110
108C	Forward (.079") (36T)	5-6	89-Up	73108	31532-AA060
110F	Reverse (.079") (30T)	2	93-Up	73110AA	31532-41X19
110F	Reverse (.079") (34T)	2	87-92	93110A	31532-AA030
114D	Low/ Reverse (.079") (30T)	6-8	87-Up	73114	31662-AA050
114D	Low/ Reverse (.063")	5-7	L96-Up	23114A	31532-41X69
116C	Overrun (.079") (18T)	3	87-Up	73116	31532-AA070
N.I.	Reduction Brake (RE5R01A Only)	3	91-Up	73102M	31532-60X02
N.I.	Reduction Direct (RE5R01A Only)	3	91-Up	73106M	31532-60X03
STEEL PLATES					
126B	High (.067")	4-7	87-Up	73126	31536-41X04
126B	High (.079")	3-5	87-Up	93126BA	31536-41X03
126B	High (.118")	AR	87-Up	93126B	31536-AA030
128C	Forward (.071") (24T)	6-8	87-Up	73128	31536-41X13
128C	Forward (.079") (24T)	6	89-Up	73128A	31536-AA080
130F	Reverse (.079") (5.080" ID)	2	93-Up	73130B	31536-AA100
130F	Reverse (.079") (5.350" ID)	2	87-92	93130A	31536-AA000
130F	Reverse (.110") (5.080" ID) (V-Tooth)	2	00-Up	73130C	31536-41X20
134D	Low/ Reverse (.079") (14T)	6-8	87-Up	73134	31666-AA020
136C	Overrun (.079") (4.700" ID) (6T)	3-5	87-Up	73136	31536-AA090
N.I.	Reduction Brake (.079") (RE5R01A Only)	1	91-Up	73120	31536-60X03
N.I.	Reduction Brake (.102") (RE5R01A Only)	2	91-Up	73120A	31536-60X02
N.I.	Reduction Direct (RE5R01A Only)	5	91-Up	73122	31536-60X00
PRESSURE PLATES					
146B	High Clutch (3.6mm) (27T)	1	87-Up	73146A	31537-41X61
146B	High Clutch (4.0mm) (27T)	1	87-Up	73146AB	31567-41X63
146B	High Clutch (4.2mm) (27T)	1	87-Up	73146AC	N.L.
146B	High Clutch (4.4mm) (27T)	1	87-Up	73146AD	31537-41X65
150F	Reverse Clutch (5.0mm) (30T)	1	87-Up	73150AB	N.L.
VALVE BODY RECALIBRATION KITS					
165	Shift Kit® (Transgo®)	1	88-Up	T73165A	SK® RE4R01A
165	Shift Correction Package (RE4R01A) (Superior)	1	88-Up	S73165A	KRE4R01A
SEALING RINGS					
175H	Ring Kit	1	87-Up	73175	N.L.
THRUST WASHERS					
211A	Stator to Reverse Drum .028" (Plastic)	1	87-Up	93211	31528-21X00
211A	Stator to Reverse Drum .035" (Plastic)	1	87-Up	93211A	31528-21X01
211A	Stator to Reverse Drum .043" (Plastic)	1	87-Up	93211B	31528-21X02
211A	Stator to Reverse Drum .051" (Plastic)	1	87-Up	93211C	31528-21X03
211A	Stator to Reverse Drum .067" (Plastic)	1	87-Up	93211E	31528-21X05

RE4R01A, RE5R01A

ILL.		QTY.	YEAR	PART No.	REF. No.
	THRUST WASHERS (Cont.)				
211A	Stator to Reverse Drum .075" (Plastic)	1	87-Up	93211F	31528-21X06
254C	Rear Planet Ring Gear to Clutch Hub 3 13/16" OD (Plastic)	2	87-Up	73254	31508-41X01
	BEARINGS & RACES				
201	Bearing Kit, w/ Washers	1	87-Up	73201A	N.L.
201	Bearing Kit, Planet Assembly	1	87-Up	73201	N.L.
220A	Bearing w/ Race, Stator to High Drum	1	87-Up	73220	31407-41X07
221A	Race, Stator to High Drum .055" (Metal w/ 3 Outer Tabs)	1	87-Up	93221AB	31429-21X03
221A	Race, Stator to High Drum .063" (Metal w/ 3 Outer Tabs)	1	87-Up	93221AC	31429-21X04
221A	Race, Stator to High Drum .079" (Metal w/ 3 Outer Tabs)	1	87-Up	93221AE	31429-21X06
228B	Race, High Drum to Hub (Metal w/ 3 Inner Tabs)	1	87-Up	73228	31439-21X00
232D	Bearing w/ Race, High Drum to Hub (Also High Hub to Sun Shell)	1	87-Up	53232	31436-X0100
232D	Bearing, Forward Drum to Hub (Update Replaces Bearing w/ Race)	2	87-Up	73232B	31407-41X05
238G	Bearing w/ Race, Front Planet to Rear Sun Gear	1	87-Up	73238	31407-41X08
243G	Race, Shell to Front Planet & Rear Planet to Ring Gear	2	87-Up	73243	31464-21X00
244G	Bearing w/ Race, Shell to Front Planet & Rear Planet to Rear Ring Gear	2	87-Up	73244	31435-21X00
244G	Bearing w/ Race Kit, Includes (1) 73243 & (1) 73244	1	87-Up	73244K	31435-41X00
247G	Bearing w/ Race, Rear Sun Gear to Rear Planet	1	87-Up	73247	31455-21X00
260D	Bearing w/ Race, Overrun Hub to Rear Support	1	87-Up	73260	31407-41X04
260D	Bearing w/ 2 Races, Overrun Hub to Rear Support	1	87-Up	73260A	31407-41X11
263H	Bearing w/ Race, Case to Park Gear	1	87-Up	73263	31407-41X06
	GASKETS & O-RINGS				
300H	Gasket, Bottom Pan (Cork)	1	87-Up	73300	31397-41X01
300H	Gasket, Bottom Pan (Fiber)	1	87-Up	73300F	31397-41X01
305E	Gasket, Extension Housing	1	87-Up	73305A	31338-41X01
310F	Gasket, Pump	1	87-Up	73310A	31366-41X03
311A	O-Ring, Pump	1	87-Up	73311	31526-41X01
320	Gasket Kit, Valve Body (RE4R01A, R4A-EL)	1	87-Up	73320K	N.L.
379	O-Ring, Filter	1	87-Up	73379	N.L.
	TECHNICAL MANUALS				
400H	Tech Manual, RE4R01A	1	87-Up	73400	RE4RO1
400H	Tech Manual, RL4R01A	1	87-Up	73400A	RL4R01A
	ELECTRICAL COMPONENTS				
420	Solenoid Assembly (4 Solenoids, 2 Insulated Connectors, 1 Ground Wire)	1	L88-Up	73420A	31940-41X09
425	Solenoid, Lock-Up (RE4, JR403A) (Non PWM)	1	87-Up	73425	31940-41X10
425	Solenoid, Lock-Up (R4A-EL) (PWM) (Some Mazda) (2 Piece)	1	92-Up	73425B	BV65-21-1D1
425	Solenoid, Lock-Up (RL4)	1	90-Up	73425A	31940-48X02
425	Solenoid, Overdrive Cancel (RL)	1	90-Up	73425A	31940-48X02
	PUMPS				
500A	Pump Complete (Front Stator Bushing .845" ID) (RL4R01A w/ Lugs)	1	87-Up	73500A	N.L.
500A	Pump Complete (Front Stator Bushing .845" ID) (RL4R01A w/ Flats)	1	87-Up	73500AE	N.L.
500A	Pump Complete (Front Stator Bushing .945" ID, Switch on Back) (w/ Sensor)	1	87-Up	73500AB	N.L.
500A	Pump Complete (Front Stator Bushing .945" ID, No Switch) (w/o Sensor)	1	87-Up	73500AA	N.L.
500A	Pump Complete (Milled Flats on Rotor) (w/ Sensor)	1	87-Up	73500AC	N.L.
500A	Pump Complete (Milled Flats on Rotor) (w/o Sensor)	1	93-Up	73500AD	N.L.
	DRUMS & CLUTCH HUBS				
554H	Forward (Low/ Reverse Clutch Hub Spline Length is 1.645" Tall)	1	87-Up	73554A	31571-41X26
554H	Forward (Low/ Reverse Clutch Hub Spline Length is 1.765" Tall)	1	87-Up	73554	N.L.
555B	High (w/ 34T Reverse Hub)	1	87-92	73555	N.L.
555B	High (w/ 30T Reverse Hub)	1	93-Up	73555A	N.L.
556E	Reverse (1.575" Band)	1	87-Up	73556	31511-41X04
556E	Reverse (2.360" Band) (3.5L)	1	02-Up	73556B	31511-41X06
854F	Reverse Drum Saver Kit (Waved Cushion Plate Fix by Alto)	1	87-92	73854K	N.L.
854F	Reverse Drum Saver Kit (Waved Cushion Plate Fix by Alto)	1	93-Up	73854AK	N.L.
574G	Clutch Hub, Forward (1.330" Tall At Clutch Splines)	1	87-Up	73574	N.L.
575B	Clutch Hub, High (All 87-89)	1	87-89	73575	269165E
575B	Clutch Hub, High (90-Up 2wd)	1	90-Up	73575A	N.L.
575B	Clutch Hub, High (90-Up 4wd)	1	90-Up	73575	269165E
579C	Clutch Hub, Overrun	1	87-Up	73579	31591-41X01

RE4R01A, RE5R01A

ILL.		QTY.	YEAR	PART No.	REF. No.
	PLANETS				
582G	Front (No Groove)	1	87-Up	73582A	31420-41X08
583G	Planet Kit (Includes # 622 to # 594) (37T Rear Sun Gear)	1	87-Up	73583	N.L.
583G	Planet Kit (Includes # 622 to # 594) (42T Rear Sun Gear)	1	87-Up	73583B	N.L.
583G	Planet Kit (Includes # 622 to # 579) (42T Rear Sun Gear)	1	87-Up	73583BA	N.L.
	ONE WAY CLUTCHES				
656G	Sprag, Forward	1	87-Up	73656	31484-41X00
658H	Sprag, Low Sprag (30 Elements) (Replaced by D73554A Drum)	1	87-92	D73554A	31571-41X26
658H	Sprag, Low Sprag (30 Elements)	1	87-Up	73658A	31473-41X02
	REAR SUPPORTS				
668D	Rear Support (w/ 4 Lube Holes on Sprag Area) (2nd Design)	1	87-Up	73668A	N.L.
	SHAFTS				
670F	Input Shaft (12.375” Long, w/ 18 Spline on Converter End)	1	87-Up	73670AE	N.L.
670F	Input Shaft (12.375” Long, w/ 20 Spline on Converter End)	1	87-Up	73670	N.L.
678E	Output Shaft, 4wd (13” Long, w/ 30 Splines)	1	87-Up	73678AA	N.L.
678E	Output Shaft, 4wd (13.625” Long, w/ 30 Splines)	1	87-Up	73678	N.L.
	GOVERNORS				
680	Governor, RL4R01A	1	87-Up	73680A	N.L.
	VALVE BODIES				
740H	Valve Body (Premium) RL4R01A (2 Solenoids)	1	87-Up	P73740-3	N.L.
740H	Valve Body (Premium) RE4R01A (5 Solenoids)	1	87-Up	P73740-2	N.L.
740H	Valve Body (Premium) R4A-EL (Mazda) (5 Solenoid)	1	89-98	P73740-1	N.L.
740H	Valve Body (Premium) R4A-EL (Mazda) (6 Solenoid)	1	92-Up	P73740-4	N.L.
	MISCELLANEOUS COMPONENTS				
761H	Sleeve, Governor Bore (Non Electronic Units Only)	1	87-89	73761A-2	69835
854F	Reverse Drum Saver Kit (Waved Cushion Plate Fix)	1	87-92	73854K	N.L.
854F	Reverse Drum Saver Kit (Waved Cushion Plate Fix)	1	93-Up	73854AK	N.L.
915	Strut, Servo Band	1	87-Up	73915-2	69700-01

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Elevated Pressure Main Press Reg Spring (88-94) (20 per bag) (RE4R01A)	N.I.	N.I.	S73741PA-3	69880-01
Vol 9	Elevated Pressure Main Press Reg Spring (95-Up) (20 per bag) (RE4R01A)	N.I.	N.I.	S73741PB-3	69880-02
Vol 9	Servo Pin Kit w/ O-Ring (RE4R01A, RL4R01A)	N.I.	N.I.	S73903	69903-01K
Vol 9	Governor Bore Sleeve (RL4R01A)	N.I.	N.I.	A73761A-2	69835

Notes

RE4R01A, RE5R01A - FILTERS

73010A



73010B
Replaced by
A73010D



A73010A



A73010AA



A73010B
Replaced by
A73010D



A73010C



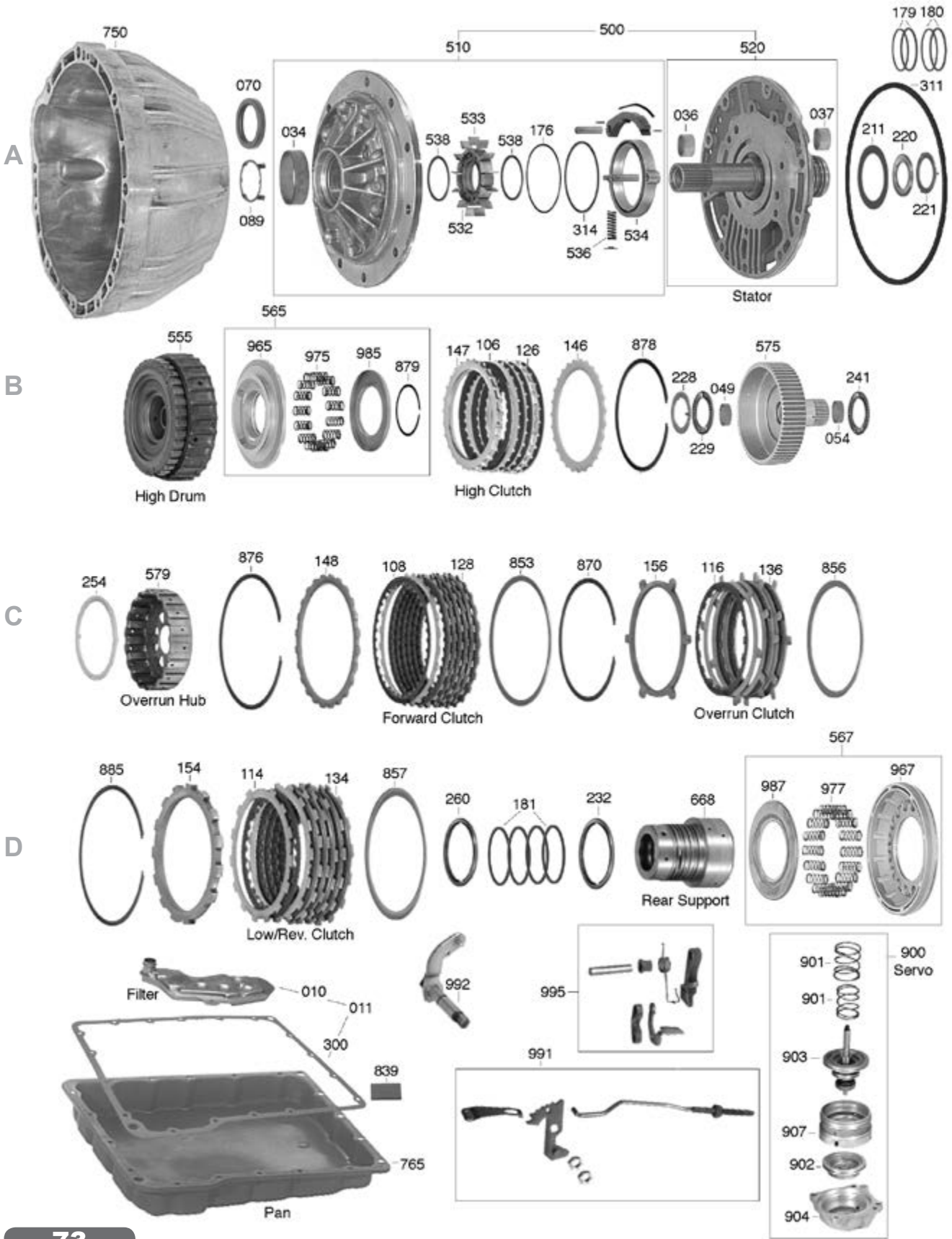
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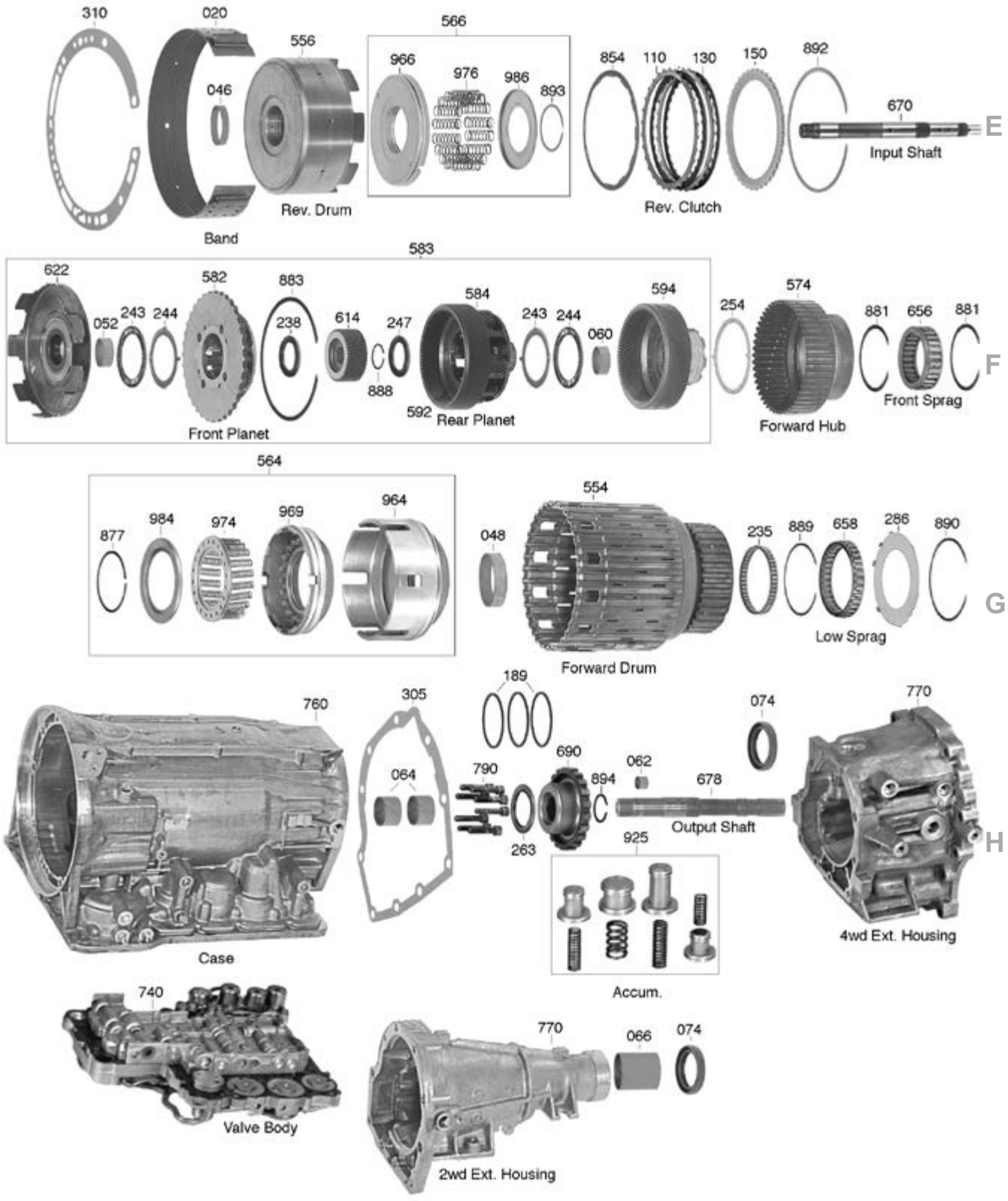
Notes

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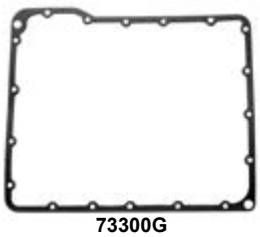
RE4R03A, RG4R01A, JR403E



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310
020
046
556
Rev. Drum
Band
566
966
976
986
893
854
110
130
150
892
670
Input Shaft
E
Rev. Clutch
583
622
052
243
244
582
883
238
614
247
888
584
592
Front Planet
Rear Planet
243
244
060
594
254
574
881
656
881
Front Sprag
F
Forward Hub
564
877
984
974
969
964
554
048
235
889
658
286
890
Low Sprag
G
Forward Drum
760
Case
305
064
189
790
690
894
062
678
074
Output Shaft
263
925
Accum.
770
4wd Ext. Housing
H
740
Valve Body
770
066
074
2wd Ext. Housing

RE4R03A, RG4R01A, JR403E


73300G


73010B


A73010B


73010Q

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	RE4R03A (300ZX w/ Twin Turbo)	1	90-Up	73006QCF	N.L.
006	RE4R03A (Infiniti Q45 V8)	1	90-Up	73006QDF	N.L.
006	RG4R01A, JR403E	1	88-Up	73006GF	N.L.
	LESS STEEL KITS				
004	RE4R03A (300ZX w/ Twin Turbo)	1	90-Up	73004QCF	N.L.
004	RE4R03A (Infiniti Q45 V8)	1	90-Up	73004QDF	N.L.
004	RG4R01A, JR403E	1	88-Up	73004GF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	RE4R03A	1	90-Up	73002QF	N.L.
002	RG4R01A, JR403E	1	88-Up	73002GF	N.L.
	FILTER KITS				
011	RG4R01A, JR403E (w/ Pick-up Tube)	1	88-Up	73011BG	N.L.
	FILTERS				
010D	RE4R03A (No Pick-Up Tube)	1	89-Up	73010Q	31728-51X02
010D	RG4R01A, JR403E (.750” Pick-up Tube) (Filtran Metal & Plastic)	1	88-Up	73010B	31728-41X03
010D	RG4R01A, JR403E (.900” Pick-up Tube) (All Metal)	1	88-Up	A73010D	31728-41X01
	BANDS				
020E	Overdrive	1	88-Up	73020G	31630-51X02
	BUSHINGS				
030	Bushing Kit	1	88-Up	73030G	N.L.
034A	Pump Body	1	88-Up	93034	31343-21X01
	METAL CLAD SEALS				
070A	Front	1	88-Up	93070	31344-21X00
089	Front Seal Retainer	1	90-Up	73089	N.L.
072	Manual Lever	1	88-Up	73072	BV11-19-437
074H	Extension Housing (RE4R03A)	1	90-Up	73074Q	31375-60X00
074H	Extension Housing (RG4R01A, JR403E) (Nissan) (2.920”)	1	88-Up	73074G	N.L.
074H	Extension Housing (RG4R01A, JR403E) (Isuzu, GM) (2.450”)	1	88-Up	73074H	94483329
074H	Adapter Housing (4wd) (RG4R01A, JR403E) (Nissan)	1	88-Up	73074D	31366-X6901
	FRICTION PLATES				
106B	High (.063”) (64T)	6-7	88-Up	73106G	31532-51X04
108C	Forward (.079”) (50T)	7-9	88-Up	73108G	31532-51X01
110E	Reverse (.075”) (64T)	3	88-Up	73110G	31532-51X05
114D	Low/ Reverse (.063”) (33T)	7-8	88-Up	73114G	31532-51X09
116C	Overrun (.063”) (RE4R03A 300ZX Turbo)	5	88-Up	73116Q	31532-51X02
116C	Overrun (.079”) (RE4R03A Infiniti) (JR403E)	5	88-Up	73116G	31532-51X06
	STEEL PLATES				
126B	High (.079”) (40T)	7-10	88-Up	73126Q	31536-51X00
126B	High (.118”) (40T)	7	88-Up	73126G	31536-51X04
128C	Forward (.079”) (36T)	7-14	88-Up	73128G	31536-51X07
130E	Reverse (.079”) (40T)	3	88-Up	73126Q	31536-51X00
134D	Low/ Reverse (.079”) (11T)	6-9	88-Up	73134G	31666-51X00
136C	Overrun (.079”) (6T)	5-7	88-Up	73136G	31536-51X02

RE4R03A, RG4R01A, JR403E

ILL.		QTY.	YEAR	PART No.	REF. No.
	PRESSURE PLATES				
146B	High (4.4mm) (40T)	1	88-Up	73146G	N.L.
150E	Reverse (4.4mm) (40T)	1	88-Up	73146G	N.L.
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit® (RE4R03A, RG4R01A, JR403E) (Transgo®)	1	88-Up	T73165A	SK® RE4R01A
165	Valve Body Kit (RE4R03A, JR403E) (Superior)	1	88-Up	S73165B	KJR403E
	SEALING RINGS				
175H	Ring Kit (RE4R03A)	1	88-Up	73175	N.L.
175H	Ring Kit (RG4R01A, JR403E)	1	88-Up	73175G	N.L.
	THRUST WASHERS				
211A	Stator to Reverse Drum .028" (Plastic)	1	88-Up	93211	31528-21X00
211A	Stator to Reverse Drum .035" (Plastic)	1	88-Up	93211A	31528-21X01
211A	Stator to Reverse Drum .043" (Plastic)	1	88-Up	93211B	31528-21X02
211A	Stator to Reverse Drum .051" (Plastic)	1	88-Up	93211C	31528-21X03
211A	Stator to Reverse Drum .067" (Plastic)	1	88-Up	93211E	31528-21X05
211A	Stator to Reverse Drum .075" (Plastic)	1	88-Up	93211F	31528-21X06
254C	Rear Planet Ring Gear to Clutch Hub	1	88-Up	73254G	31508-51X08
	BEARINGS & RACES				
201	Bearing Kit (RE4R03A)	1	88-Up	73201Q	N.L.
201	Bearing Kit (RG4R01A, JR403E)	1	88-Up	73201GB	N.L.
247F	Bearing w/ Race, Rear Sun Gear to Rear Planet (RE4R03A)	1	90-Up	73247	31455-21X00
	GASKETS & O-RINGS				
300D	Gasket, Bottom Pan (Cork)	1	88-Up	73300G	31397-51X00
300D	Gasket, Bottom Pan (Fiber)	1	88-Up	73300GF	31397-51X00
305	Gasket, Extension Housing (RE4R03A Only)	1	88-96	73305A	31338-41X01
310E	Gasket, Pump (RE4R03A)	1	90-Up	73310A	31366-41X03
310E	Gasket, Pump (RG4R01A, JR403E)	1	88-Up	73310G	N.L.
311A	O-Ring, Pump Body	1	88-Up	73311	31526-41X01
311A	O-Ring, Pump Support Ring to Case (JR403E)	1	88-Up	73311A	N.L.
344	Seal, Center Support to Case (RG4R01A, JR403E)	4	88-Up	73344	94483324
	TECHNICAL MANUALS				
400H	Tech Manual, RG4R01A, JR403E Electromatic	1	88-Up	73400G	83-JR403ETM
	ELECTRICAL COMPONENTS				
420	Solenoid Assy (4 Solenoids, 2 Insulated Connectors, 1 Ground Wire)	1	88-Up	73420A	31940-41X09
425	Solenoid, Lock-Up (Non PWM)	1	88-Up	73425	31940-41X10
	PUMPS				
500A	Pump Complete (RE4R03A) (w/ Sensor)	1	90-Up	73500Q	N.L.
500A	Pump Complete (RE4R03A) (w/o Sensor)	1	90-Up	73500QA	N.L.
500A	Pump Complete (RG4R01A, JR403E)	1	88-Up	73500G	N.L.
	DRUMS & CLUTCH HUBS				
554G	Forward w/o Sprag (9.125" Tall) (RG4R01A, JR403E)	1	88-Up	73554G	N.L.
555B	High (6 Clutch) (RG4R01A, JR403E)	1	88-Up	73555G	N.L.
556E	Reverse	1	88-Up	73556G	N.L.
	PLANETS				
583F	Planet Kit (Incl # 622 to # 594) (44T Rear Sun Gear) (RG4R01A, JR403E)	1	88-Up	73583G	N.L.
583F	Planet Kit (Incl # 622 to # 594) (51T Rear Sun Gear) (RE4R03A)	1	88-Up	73583Q	N.L.
583F	Planet Kit (Incl # 622 to # 594) (58T Rear Sun Gear) (RE4R03A)	1	88-Up	73583QD	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
630	Front Support (Reverse Clutch Drum Support)	1	88-Up	73630G	N.L.
	ONE WAY CLUTCHES				
656F	Forward Sprag	1	88-Up	73656G	31484-51X00
658G	Low Sprag	1	88-Up	73658Q	31473-51X00
	VALVE BODIES				
740H	Valve Body (Premium) (JR403E)	1	90-Up	P73740-5	N.L.
740H	Valve Body (5 Solenoids, 3 Connectors) (RE4R03A)	1	90-Up	73740Q	N.L.

RE4R03A, RG4R01A, JR403E

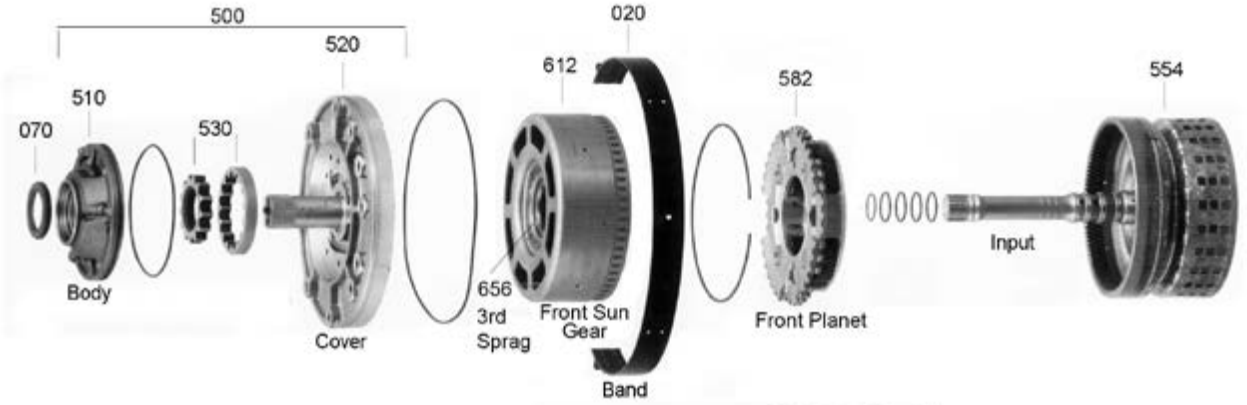
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VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Overdrive Servo Piston Kit (4th Servo) (Upgrade)	N.I.	N.I.	A73902K	62170-01K
Vol 9	Servo Pin Kit w/ O-Ring	N.I.	N.I.	S73903	69903-01K
Vol 9	Strut, Servo Band (Upgrade)	N.I.	N.I.	S73915-2	69700-01

Notes

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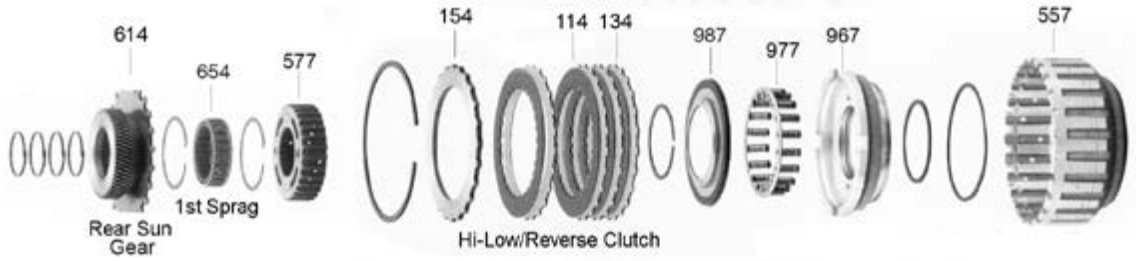
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A

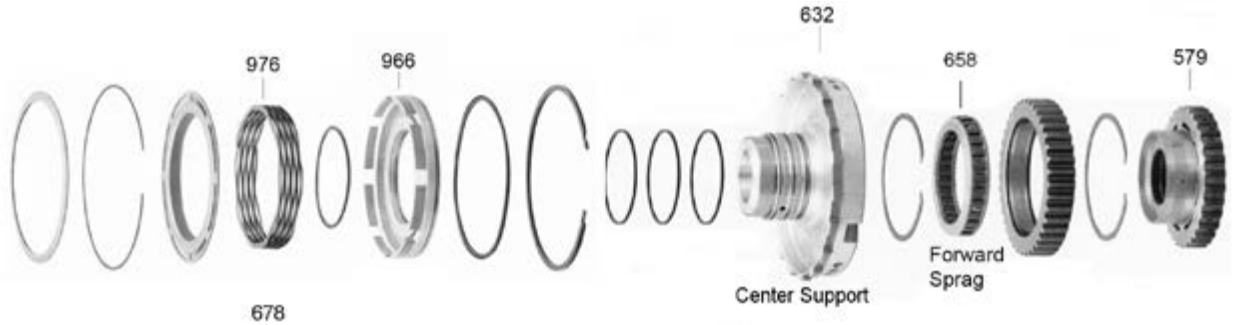




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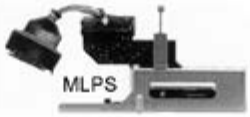


C



D

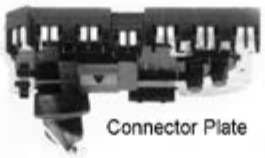




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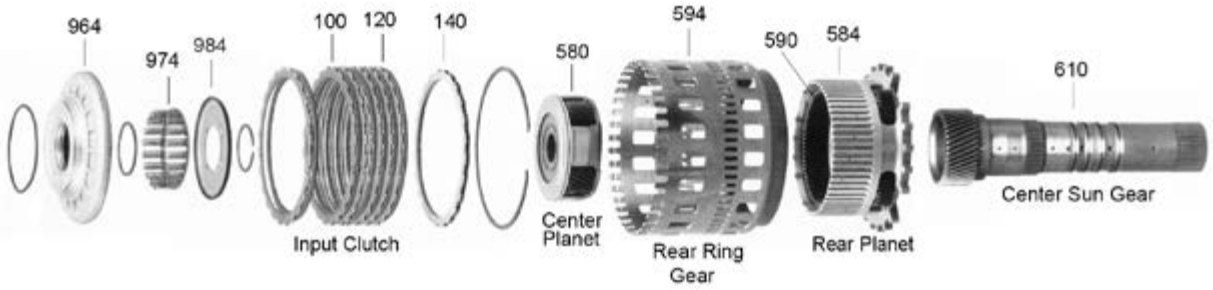




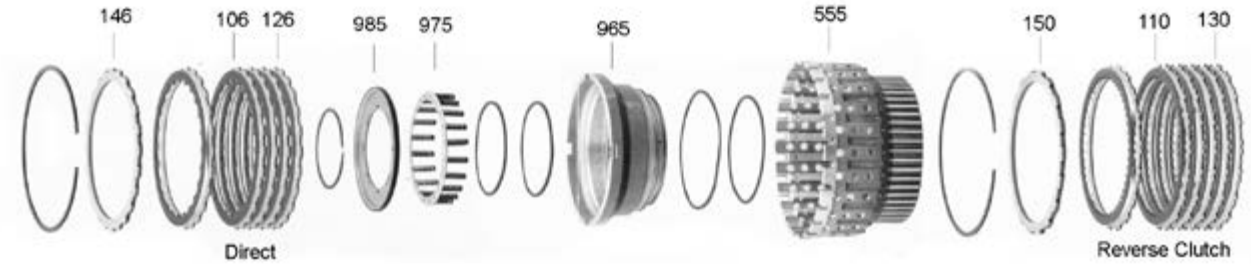


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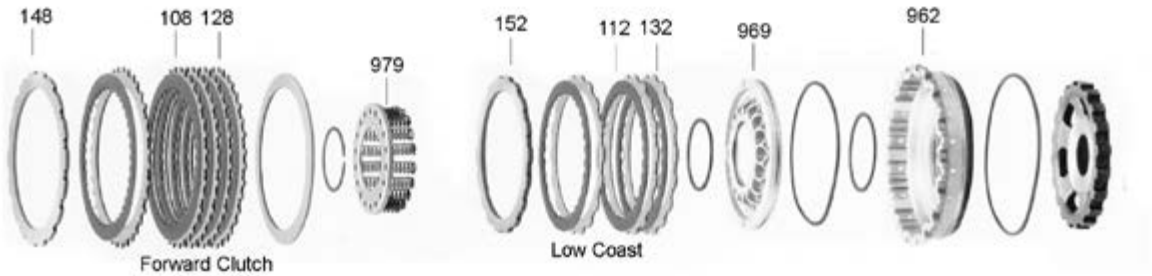
F


964
974
984
100
120
140
580
594
590
584
610
Input Clutch
Center Planet
Rear Ring Gear
Rear Planet
Center Sun Gear

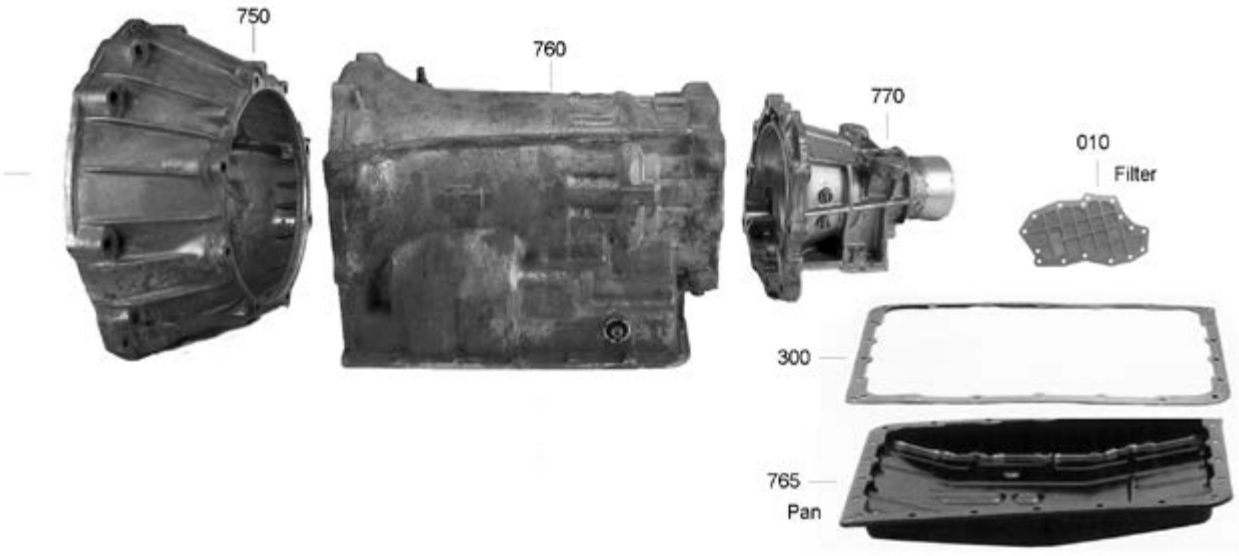
G


146
106
126
985
975
965
555
150
110
130
Direct
Reverse Clutch

H

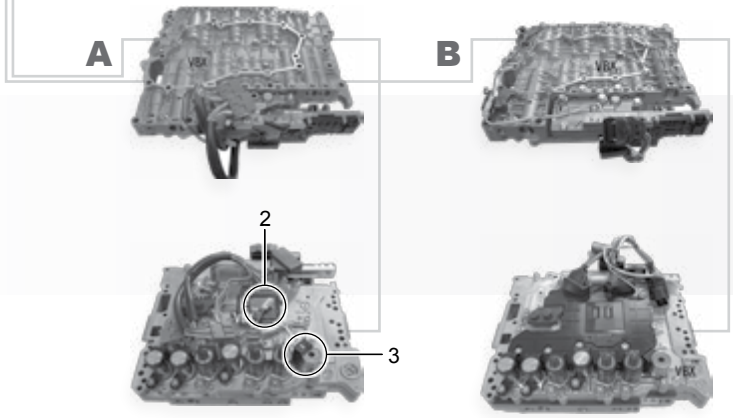

148
108
128
979
152
112
132
969
962
Forward Clutch
Low Coast

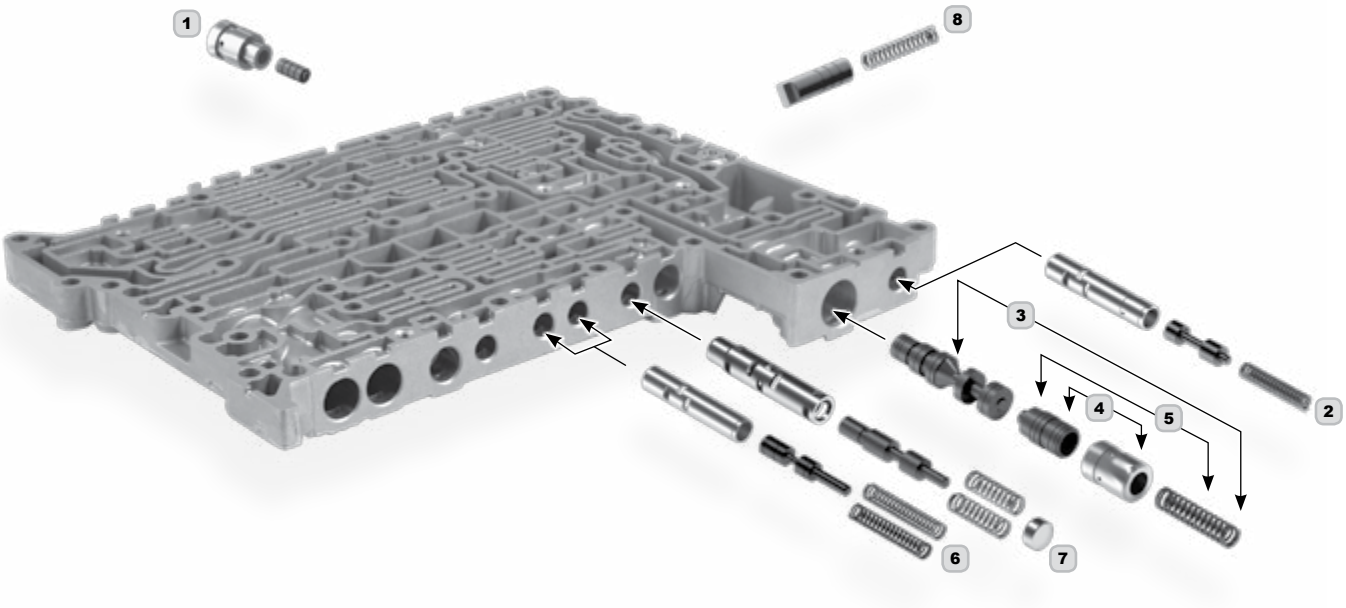
I


750
760
770
010
Filter
300
765
Pan

VALVE BODY
GUIDE

	Part	Year	Trans.	
A	P63740-3	41703	RE5R05A	w/1st design TCM low OHM coast (2,3)
	P63740-4	41675	RE5R05A	w/1st design TCM high OHM coast (2,3)
	P63740-1	41703	RE5R05A	w/o TCM low OHM coast (2,3)
	P63740-2	41675	RE5R05A	w/o TCM high OHM coast (2,3)
B	P63740-5	06-Up	RE5R05A	w/2nd design TCM/1 Accumulator Bore





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63300


63010

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	RE5R05A (w/ Pistons*) (Exc. Pathfinder, Titan, Armada, QX56)	1	02-Up	63006P	N.L.
006	RE5R05A (w/ Pistons*) (Titan, Armada, QX56))	1	04-Up	63006AP	N.L.
006	RE5R05A (w/ Pistons*) (Pathfinder)	1	05-Up	63006CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 63004N				
	LESS STEEL KITS				
004	RE5R05A (w/ Pistons*) (Exc. Pathfinder, Titan, Armada, QX56)	1	02-Up	63004P	N.L.
004	RE5R05A (w/ Pistons*) (Titan, Armada, QX56)	1	04-Up	63004AP	N.L.
004	RE5R05A (w/ Pistons*) (Pathfinder)	1	05-Up	63004P	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 63004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	RE5R05A (w/out Pistons**)	1	02-Up	63002N	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 63002P				
	FILTER KITS				
011	Filter Kit, RE5R05A	1	02-Up	63011	N.L.
	FILTERS				
010I	Filter, RE5R05A	1	02-Up	63010	N.L.
	BANDS				
020A	Band, 3-5	1	02-Up	63020	31630-90X00
	BUSHINGS				
N.I.	Bushing Kit	1	02-Up	63030	N.L.
N.I.	Pump	1	02-Up	63034	N.L.
	METAL CLAD SEALS				
070A	Converter (Front)	1	02-Up	93070	31344-21X00
N.I.	Rear (2wd)	1	02-Up	73074D	31366-X6901
N.I.	Rear (4wd)	1	02-Up	63074	N.L.
N.I.	Shift Lever	2	02-Up	60072	91209612003
	FRICTION PLATES				
100F	Input	7	02-Up	63100	N.L.
106G	Direct	5-6	02-Up	63106	N.L.
108H	Forward	5	02-Up	63108	N.L.
110G	Reverse (40T) (Titan, Armada, QX56)	7	04-Up	63110A	N.L.
110G	Reverse (50T) (Exc Titan, Armada, QX56)	6	02-Up	63110	N.L.
112H	Low Coast	3	02-Up	63112	N.L.
114B	High & Low/ Reverse	5	02-Up	63114	N.L.
	STEEL PLATES				
120F	Input	7	02-Up	63120	N.L.
126G	Direct	5-6	02-Up	63126	N.L.
128H	Forward (18 Wide Teeth) (Exc Titan, Armada, QX56, Pathfinder)	5	02-Up	63128	N.L.
128H	Forward (16 Narrow Teeth) (Titan, Armada, QX56, Pathfinder)	5	04-Up	63128A	N.L.
130G	Reverse (.063") (Titan, Armada, QX56)	7	02-Up	63130A	N.L.
130G	Reverse (.079") (Exc Titan, Armada, QX56)	6	02-Up	63130	N.L.
132H	Low Coast (18 Wide Teeth) (Exc Titan, Armada, QX56, Pathfinder)	3	02-Up	63132	N.L.
132H	Low Coast (15 Narrow Teeth) (Titan, Armada, QX56, Pathfinder)	3	04-Up	63132A	N.L.
134B	High & Low/ Reverse (.266" Wide Teeth) (Exc Titan, Armada, Q56)	5	02-Up	63134	N.L.
134B	High & Low/ Reverse (.425" Wide Teeth) (Titan, Armada, Q56)	5	04-Up	63134A	N.L.

RE5R05A

ILL.		QTY.	YEAR	PART No.	REF. No.
	SEALING RINGS				
N.I.	Ring Kit	1	02-Up	63175	N.L.
	VALVE BODY RECALIBRATION KITS				
N.I.	Reprogramming Kit™ (RE5R05A) (Transgo®)	1	02-08	T63169	RE5R05A-HD2
	GASKETS & O-RINGS				
300I	Gasket, Pan (Fiber) (Exc 05-Up Kia)	1	02-Up	63300	N.L.
300I	Gasket, Pan (Fiber) (05-Up Kia)	1	05-Up	63300A	N.L.
305	Gasket, Extension Housing (2WD)	1	03-Up	63305	N.L.
305	Gasket, Extension Housing (4WD)	1	04-Up	63305A	N.L.
N.I.	Valve Body Gasket Kit	1	02-Up	63320K	N.L.
	TECHNICAL MANUALS				
N.I.	Tech Manual (ATSG)	1	02-Up	63400	RE5R05A
N.I.	Diagnostic Guide (Nissan, Infinity) (ATSG)	1	02-Up	63400T	RE5R05A DG
	ELECTRICAL COMPONENTS				
410	Switch, MLPS	1	02-Up	63410	N.L.
421E	Solenoid, PWM (# 260 130 031) (Line Pressure, TCC, Front Brake Band)	3	02-Up	63421	N.L.
425E	Solenoid, PWM w/ Cap (# 260 130 030) (High-Low/Reverse, Input, Direct)	3	02-Up	63425	N.L.
431E	Solenoid, Low Coast Clutch (12 OHM)	1	02-Up	63431B	N.L.
431E	Solenoid, Low Coast Clutch (28 OHM) (# 260 120 042)	1	02-Up	63431A	N.L.
N.I.	Sensor, Output Speed	1	02-Up	63436	N.L.
N.I.	Sensor, TOT	1	02-Up	63437	N.L.
N.I.	Sensor, Input Speed (w/ Press Manifold Switch)	1	02-Up	63438	N.L.
N.I.	Connector, Case (w/ Harness) (3 External Plugs)	1	02-Up	63445	N.L.
	PUMPS				
500A	Pump Assembly (Non Stepped)	1	02-Up	63500	N.L.
500A	Pump Assembly (Stepped, 3.120" Long Stator)	1	02-Up	63500B	N.L.
500A	Pump Assembly (Stepped, 3.500" Long Stator)	1	02-Up	63500A	N.L.
510A	Pump Body w/ Gears	1	02-Up	63510	N.L.
520A	Pump Cover (5.880" Long Stator Tube)	1	02-Up	63520	N.L.
520A	Pump Cover (6.250" Long Stator Tube)	1	02-Up	63520A	N.L.
530A	Pump Gears (Milled Flats on Inner Gear) (13 Lugs)	1	02-Up	63530	N.L.
	DRUMS & CLUTCH HUBS				
554A	Drum, Input (7.400" Tall, 102T Ring Gear)	1	02-Up	63554C	N.L.
554A	Drum, Input (7.400" Tall, 106T Ring Gear)	1	02-Up	63554B	N.L.
554A	Drum, Input (7.750" Tall, 102T Ring Gear)	1	02-Up	63554A	N.L.
554A	Drum, Input (7.750" Tall, 106T Ring Gear)	1	02-Up	63554	N.L.
555G	Drum, Direct (40T Clutch Hub)	1	02-Up	63555A	N.L.
555G	Drum, Direct (50T Clutch Hub)	1	02-Up	63555	N.L.
557B	Drum, Hi/Lo (2.700" Tall, Aluminum)	1	02-Up	63557B	N.L.
557B	Drum, Hi/Lo (3.150" Tall, Aluminum)	1	02-Up	63557	N.L.
557B	Drum, Hi/Lo (3.150" Tall, Steel)	1	02-Up	63557A	N.L.
577B	Hub, Hi/Lo (46 Splines)	1	02-Up	63577	N.L.
579C	Hub, Low Coast (42 Splines)	1	02-Up	63579	N.L.
	PLANETS				
580	Planet, Center (4 Gear, 24T Pinion Gear) (54T Sun Gear Type)	1	02-Up	63580A	N.L.
580	Planet, Center (4 Gear, 28T Pinion Gear) (50T Sun Gear Type)	1	02-Up	63580	N.L.
580	Planet, Center (5 Gear) (53T Sun Gear Type)	1	02-Up	63580B	N.L.
582A	Planet, Front (4 Gear) (42T Sun Gear Type)	1	02-Up	63582	N.L.
582A	Planet, Front (4 Gear) (43T Sun Gear Type)	1	02-Up	63582A	N.L.
584F	Planet, Rear (4 Gear, Aluminum) (62T Sun Gear, 110T Ring Gear Type)	1	02-Up	63584	N.L.
584F	Planet, Rear (4 Gear, Aluminum) (62T Sun Gear, 98T Ring Gear Type)	1	02-Up	63584B	N.L.
584F	Planet, Rear (4 Gear, Steel) (62T Sun Gear, 110T Ring Gear Type)	1	02-Up	63584A	N.L.
584F	Planet, Rear (5 Gear, Steel) (61T Sun Gear, 99T Ring Gear Type)	1	02-Up	63584C	N.L.
590F	Ring Gear, Center Planet (16 Lugs, 78T)	1	02-Up	63590	N.L.
594A	Ring Gear, Rear w/ Connecting Shell (98T)	1	02-Up	63594A	N.L.
594A	Ring Gear, Rear w/ Connecting Shell (99T)	1	02-Up	63594B	N.L.
594A	Ring Gear, Rear w/ Connecting Shell (110T)	1	02-Up	63594	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	SUN GEARS, SHELLS & SUPPORTS				
612A	Sun Gear Drum, Front w/ 3rd Clu Sprag Assy (50T S.G., Bearing Type)	1	02-Up	63612A	N.L.
612A	Sun Gear Drum, Front w/ 3rd Clu Sprag Assy (50T S.G., Bushing Type)	1	02-Up	63612	N.L.
612A	Sun Gear Drum, Front w/ 3rd Clu Sprag Assy (53T Sun Gear)	1	02-Up	63612C	N.L.
612A	Sun Gear Drum, Front w/ 3rd Clu Sprag Assy (54T Sun Gear)	1	02-Up	63612B	N.L.
610F	Sun Gear, Center (42T, 9.200" Long)	1	02-Up	63610	N.L.
610F	Sun Gear, Center (42T, 9.500" Long)	1	02-Up	63610A	N.L.
610F	Sun Gear, Center (43T, 9.500" Long)	1	02-Up	63610B	N.L.
614B	Sun Gear, Rear w/ High Clutch Sprag Assembly (61T Sun Gear)	1	02-Up	63614A	N.L.
614B	Sun Gear, Rear w/ High Clutch Sprag Assembly (62T Sun Gear)	1	02-Up	63614	N.L.
632C	Support, Rear (2.540" Tall Center Hub)	1	02-Up	63632	N.L.
632C	Support, Rear (3.250" Tall Center Hub)	1	02-Up	63632A	N.L.
	ONE WAY CLUTCHES				
644	Sprag Assembly, 1st (28 Element) (.560" thick)	1	02-Up	63644	N.L.
644	Sprag Assembly, 1st (28 Element) (.840" thick)	1	02-Up	63644A	N.L.
658C	Sprag, Forward (26 Element)	1	02-Up	63658	N.L.
658C	Sprag, Forward (28 Element)	1	02-Up	63658A	N.L.
656A	Sprag Assembly, 3rd (26 Element)	1	02-Up	63656	N.L.
656A	Sprag Assembly, 3rd (28 Element)	1	02-Up	63656A	N.L.
654B	Sprag, 1st (28 Element) (.560" thick)	1	02-Up	63654	N.L.
654B	Sprag, 1st (28 Element) (.840" thick)	1	02-Up	63654A	N.L.
	SHAFTS				
678D	Output (2wd) (19.900") (5.500" From End to Ring Groove)	1	02-Up	63678AA	N.L.
678D	Output (2wd) (19.900") (6.200" From End to Ring Groove)	1	02-Up	63678	N.L.
678D	Output (4wd) (18.000")	1	02-Up	63678A	N.L.
678D	Output (4wd) (18.500")	1	02-Up	63678C	N.L.
678D	Output (4wd) (19.900")	1	02-Up	63678AA	N.L.
	VALVE BODIES				
740E	Low OHM Solenoid (10-15) (Non TCM)	1	02-05	P63740-1	N.L.
740E	Low OHM Solenoid (10-15) (TCM Not Included)	1	02-05	P63740-3	N.L.
740E	High OHM Solenoid (20-40) (Non TCM)	1	02-05	P63740-2	N.L.
740E	High OHM Solenoid (20-40) (Early TCM Not Included)	1	02-05	P63740-4	N.L.
740E	High OHM Solenoid (20-40) (Late TCM Not Included)	1	06-Up	P63740-5	N.L.
	CASES & HOUSINGS				
750I	Bell Housing (12:00 Starter, 7 1/2" Bolts)	1	02-Up	63750C	N.L.
750I	Bell Housing (3:30 Starter, 3" Bolts) (Cast VQ4W)	1	02-Up	63750AA	N.L.
750I	Bell Housing (3:30 Starter, 6 5/16" Bolts) (Cast VH4W)	1	02-Up	63750BA	N.L.
750I	Bell Housing (8:00 Starter, 3" Bolts) (Cast 97X30 or RXDVQ40)	1	02-Up	63750	N.L.
750I	Bell Housing (8:00/3:30 Starter, 3" Bolts) (Cast VQ2M)	1	02-Up	63750A	N.L.
750I	Bell Housing (9:00 Starter, 6 5/16" Bolts)	1	02-Up	63750B	N.L.
760I	Case (2wd) (Cast MCO)	1	02-Up	63760	N.L.
760I	Case (4wd) (Cast LK)	1	02-Up	63760D	N.L.
760I	Case (4wd) (Cast MCO)	1	02-Up	63760C	N.L.
760I	Case (Cast RXO 2W #5)	1	02-Up	63760B	N.L.
760I	Case (Cast RXO 4W #1)	1	02-Up	63760A	N.L.
765I	Pan, Bottom (2wd & 4wd)	1	02-Up	63765	N.L.
770I	Extension Housing (6.875" Long) (Cast GKC-T #1)	1	02-Up	63770A	N.L.
770I	Extension Housing (7.750" Long) (Cast 97X06)	1	02-Up	63770	N.L.
	MISCELLANEOUS COMPONENTS				
690	Park Gear (20 Lug)	1	02-Up	63690	N.L.
900	Servo Assembly (Cast 31695)	1	02-Up	63900	N.L.
962H	Piston, Forward	1	02-Up	63962	N.L.
964F	Piston, Input (Aluminum) (1.180" Thick)	1	02-Up	63964	N.L.
964F	Piston, Input (Aluminum) (1.260" Thick)	1	02-Up	63964A	N.L.
964F	Piston, Input (Aluminum) (1.970" Thick)	1	02-Up	63964B	N.L.
965G	Piston, Direct (Aluminum) (2.415" Thick)	1	02-Up	63965	N.L.
965G	Piston, Direct (Aluminum) (2.600" Thick)	1	02-Up	63965A	N.L.
966C	Piston, Reverse (Aluminum) (1.020" Thick, D Type Seal)	1	02-Up	63966A	N.L.
966C	Piston, Reverse (Aluminum) (1.020" Thick, Lip Seal)	1	02-Up	63966	N.L.
966C	Piston, Reverse (Aluminum) (1.200" Thick, Lip Seal)	1	02-Up	63966B	N.L.
967B	Piston, Hi/Lo (Aluminum) (1.050" Thick)	1	02-Up	63967	N.L.
967B	Piston, Hi/Lo (Aluminum) (1.230" Thick)	1	02-Up	63967A	N.L.
969H	Piston, Low/Coast	1	02-Up	63969	N.L.

RE5R05A

ILL.		QTY.	YEAR	PART No.	REF. No.
MISCELLANEOUS COMPONENTS (Cont.)					
974F	Spring & Retainer, Input	1	02-Up	63974	N.L.
975G	Spring & Retainer, Direct	1	02-Up	63975	N.L.
976C	Spring & Retainer, Reverse	1	02-Up	63976	N.L.
977B	Spring & Retainer, Hi/Lo	1	02-Up	63977	N.L.
979H	Spring & Retainer, Low/Coast	1	02-Up	63979	N.L.
984F	Retainer, Input Clutch Balance (Bonded)	1	02-Up	63984	N.L.
985G	Retainer, Direct Clutch Balance (Bonded)	1	02-Up	63985	N.L.
987B	Retainer, Hi-Low/Rev Clutch Balance (Bonded)	1	02-Up	63987	N.L.
991	Linkage	1	02-Up	63991	N.L.
995	Parking Pawl	1	02-Up	63995	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Control Valve Kit (T-F-63741-TL13 & T-VB-FIX req)	N.I.	7	S63741EK	63741-20K
Vol 9	Cooler Bypass Valve Kit (T-F-63741-TL17 & T-VB-FIX req)	N.I.	8	S63996A-5K	63741-07K
Vol 9	Pilot Valve Kit (Fits “A” or “B” location (T-F-63741-TL13 & T-VB-FIX req)	N.I.	6	S63741A-1K	63741-13K
Vol 9	Pressure Reg Valve & Boost Valve Kit (O.S.) (T-F-63741-TL & T-VB-FIX req)	N.I.	3	S63741PK	63741-01K
Vol 9	Reverse Boost Valve & Sleeve Kit – Early style (short neck on valve)	N.I.	5	S63507FA	63741-12K
Vol 9	Reverse Boost Valve & Sleeve Kit – Late style (long neck on valve)	N.I.	4	S63507FB	63741-09K
Vol 9	TCC Control Sleeve Kit	N.I.	1	S63741H-2K	63741-05K
Vol 9	TCC Regulator Valve Kit (T-F-63741-TL13 & T-VB-FIX req)	N.I.	2	S63741C-2K	63741-17K

Notes

Notes

RE7R01A, JR710E

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	RE7R01A, JR710E (w/ Pistons)	1	09-Up	103006P	N.L.
006	RE7R01A, JR710E (w/out Pistons)	1	09-Up	103006N	N.L.
	LESS STEEL KITS				
004	RE7R01A, JR710E (w/ Pistons)	1	09-Up	103004P	N.L.
004	RE7R01A, JR710E (w/out Pistons)	1	09-Up	103004N	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	RE7R01A, JR710E (w/ Pistons)	1	09-Up	103002P	N.L.
002	RE7R01A, JR710E (w/out Pistons)	1	09-Up	103002N	N.L.
	FILTERS				
010	RE7R01A, JR710E	1	09-Up	103010	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	09-Up	103175	N.L.
	GASKETS & O-RINGS				
300	Pan Gasket	1	09-Up	103300	N.L.
	TECHNICAL MANUALS				
400	Technical Diagnostic Guide	1	09-Up	103400A	JATCO JR710E
	MISCELLANEOUS COMPONENTS				
960	Bonded Piston Kit	1	09-Up	103960K	N.L.
984	Bonded Piston, Input Clutch Retainer	1	09-Up	103984	N.L.
985	Bonded Piston, Direct Clutch Retainer	1	09-Up	103985	N.L.
987	Bonded Piston, Hi-Low/Rev Clutch Retainer (Infiniti)	1	09-Up	103987A	N.L.
987	Bonded Piston, Hi-Low/Rev Clutch Retainer (Nissan)	1	09-Up	103987B	N.L.

Notes



75300A

ILL.		QTY.	YEAR	PART No.	REF. No.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	AR4	1	88-Up	261002	N.L.
002	AD4	1	91-Up	261002B	N.L.
002	AD8	1	93-Up	261002D	N.L.
FILTERS					
010	AR4	1	88-Up	261010	77-00-746-294
010	AD4	1	91-Up	261010B	77-00-858-922
010	AD8	1	93-Up	261010C	77-00-866-793
METAL CLAD SEALS					
070	Pump	1	88-Up	75070A	095-321-243A
076	Axle (Right) (AD4)	1	91-Up	65076A	020-301-189M
076	Axle (Right) (AR4)	1	88-Up	261076	N.L.
077	Axle (Left) (AD4)	1	91-Up	65076A	020-301-189M
077	Axle (Left) (AR4)	1	88-Up	261077	N.L.
FRICTION PLATES					
100	K3 (3-4)	6-7	91-Up	75100B	N.L.
100	K3 (3-4) (AR4 Only)	6-8	88-Up	75100AB	095-323-941C
104	B2 (2-4)	4-6	88-Up	75104A	095-323-465D
106	K2 (Direct/Reverse)	4-5	88-Up	75108A	095-323-241A
108	K1 (Forward)	4-5	88-Up	75108A	095-323-241A
114	B1 (Low/ Reverse)	4-6	88-Up	75114A	095-323-231A
STEEL PLATES					
120	K3 (3-4) (.063”)	5-7	91-Up	75120AB	N.L.
120	K3 (3-4) (.079”) (AR4 Only)	5-7	88-Up	75120AC	N.L.
124	B2 (2-4)	5-7	88-Up	75124A	097-323-463
126	K2 (Direct/Reverse)	4-5	88-Up	75128A	N.L.
128	K1 (Forward) (.079”)	4-5	88-95	75128A	N.L.
128	K1 (Forward) (.057”)	4-5	95-Up	75128AA	N.L.
134	B1 (Low/ Reverse)	4-6	91-Up	75134A	095-323-227
GASKETS & O-RINGS					
300	Gasket, Pan (AR4)	1	88-Up	261300W	TO-733198
300	Gasket, Pan (AD4)	1	91-Up	75300A	096-321-370
300	Gasket, Pan (AD8)	1	93-Up	261300C	N.L.
304	Gasket, End Cover (AD4)	1	91-Up	75304A	N.L.
311	O-Ring, Pump	1	88-Up	75311A	095-321-386

DPO (AL4)



31300



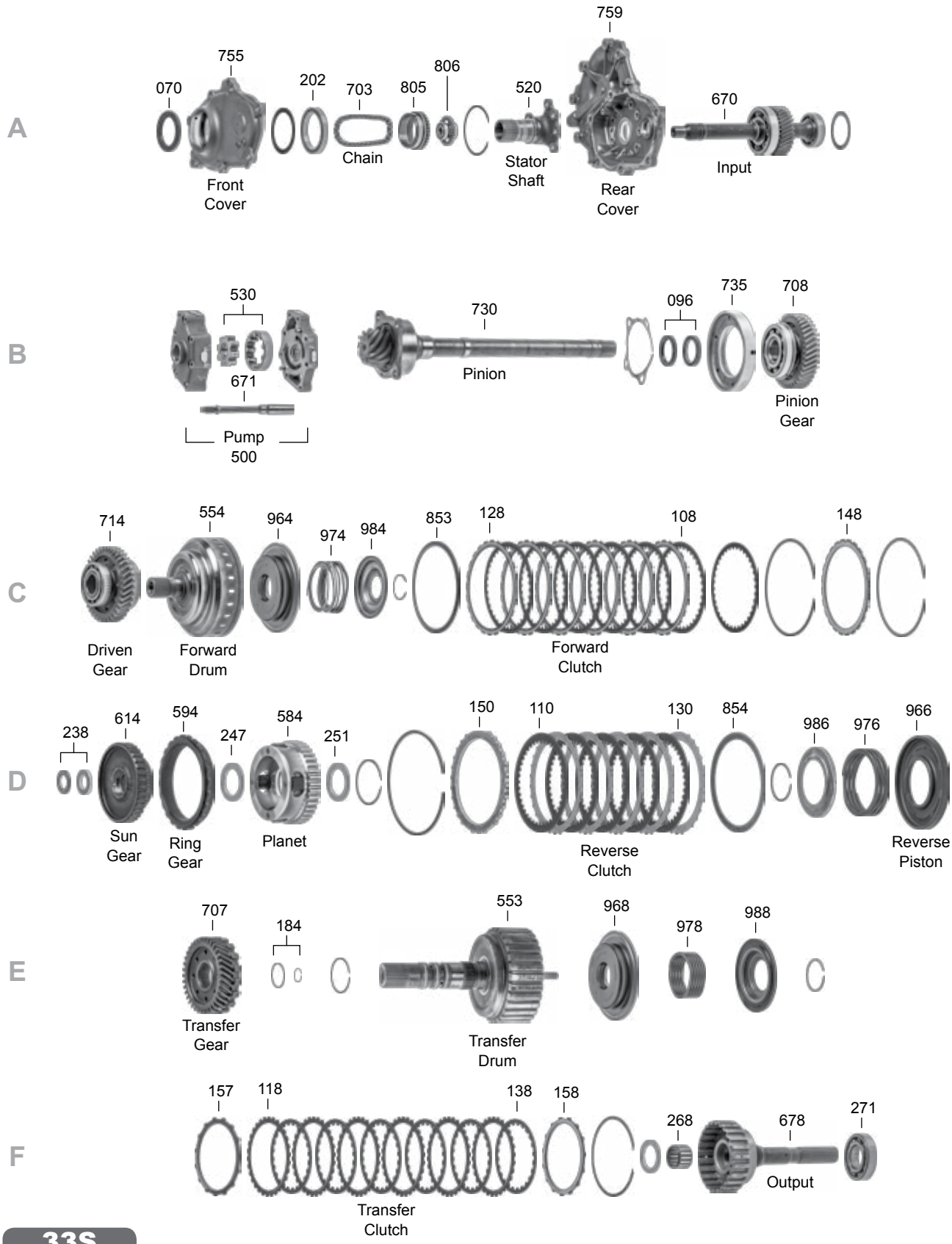
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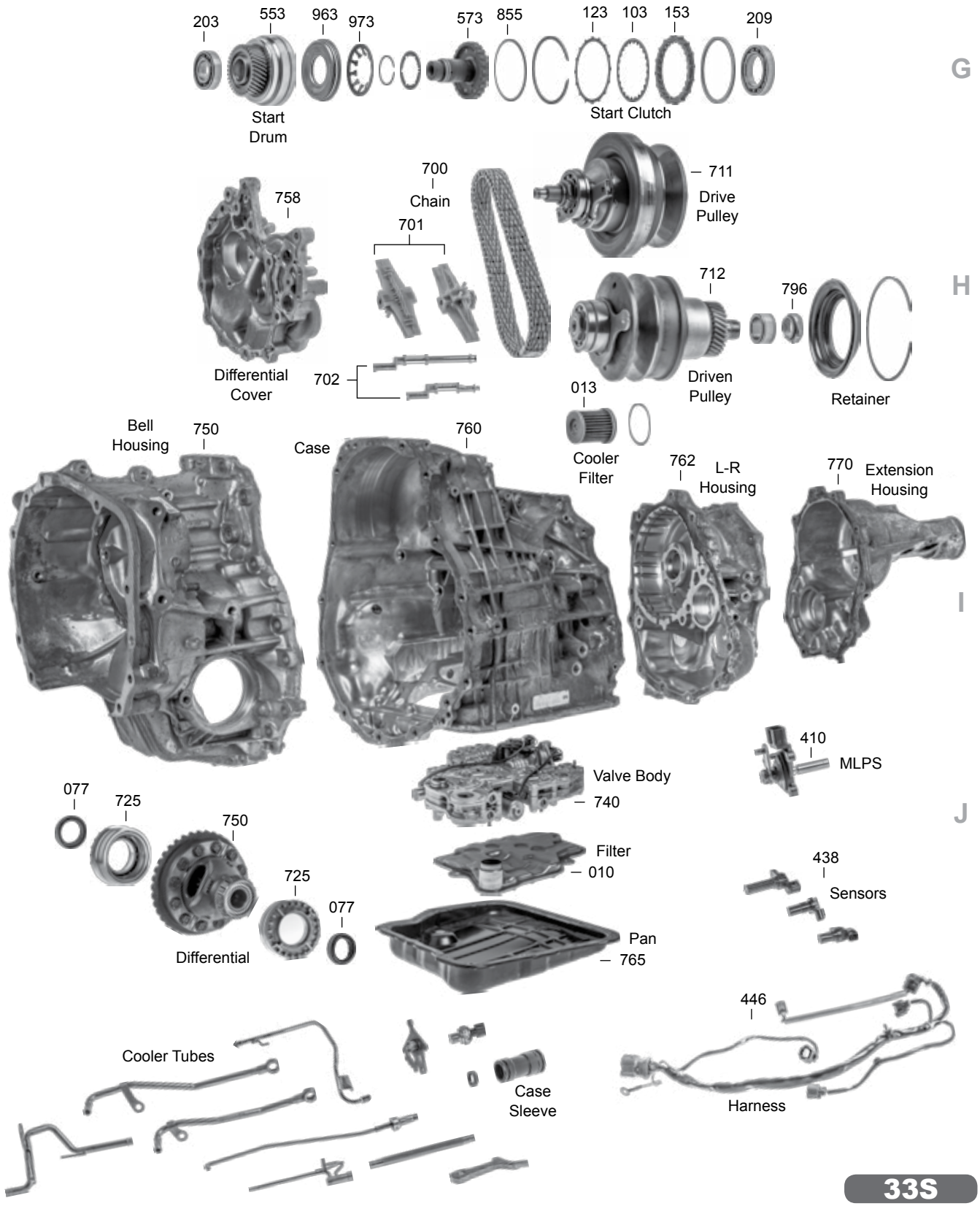
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	DPO (w/ Pistons)	1	98-Up	31006P	N.L.
006	DPO (w/out Pistons)	1	98-Up	31006N	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	DPO (w/ Pistons)	1	98-Up	31002P	N.L.
002	DPO (w/out Pistons)	1	98-Up	31002N	N.L.
	FILTERS				
010	DPO	1	98-Up	31010	N.L.
	BANDS				
020	F2, F3	1	98-Up	31020	N.L.
	BUSHINGS				
030	Bushing Kit	1	98-Up	31030	N.L.
	METAL CLAD SEALS				
070	Converter	1	98-Up	31070	N.L.
076	Axle, Right	1	98-Up	31076	N.L.
077	Axle, Left	1	98-Up	31077	N.L.
	FRICTION PLATES				
104	E1 (Internal Teeth)	3	98-Up	31104	N.L.
106	E2 (Internal Teeth)	7	98-Up	31106	N.L.
108	F1 (Internal Teeth)	3	98-Up	31108	N.L.
	STEEL PLATES				
124	E1 (External Teeth)	3	98-Up	31124	N.L.
126	E2 (External Teeth)	7	98-Up	31126	N.L.
128	F1 (External Teeth)	3	98-Up	31128	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan	1	98-Up	31300	N.L.
304	Gasket, Rear Cover (DPO, AL4)	1	98-Up	31304	N.L.
318	Gasket, Case to Bell (DPO, Early AL4)	1	98-Up	31318	N.L.
	MISCELLANEOUS COMPONENTS				
428	Solenoid, Pressure Control	1	98-Up	31428	MV0030238
421	Solenoid, Shift	6	98-Up	31421	N.L.
907	Piston, F3 Servo (Bonded)	1	98-Up	31907	N.L.
912	Piston, F2 Servo (Bonded)	1	98-Up	31912	N.L.
960	Piston Kit (Bonded) (7 Piece)	1	98-Up	31960K	N.L.
962	Piston, E1 Clutch (Bonded)	1	98-Up	31962	N.L.
964	Piston, F1 Clutch (Bonded)	1	98-Up	31964	N.L.
965	Piston, E2 Clutch (Bonded)	1	98-Up	31965	N.L.
982	Piston, E1 Clutch Balance (Bonded)	1	98-Up	31982	N.L.
985	Piston, E2 Clutch Balance (Bonded)	1	98-Up	31985	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Bushing, E1/E2 Clutch Drum	N.I.	N.I.	S31048	120002
Vol 9	Bushing, Pump Bushing	N.I.	N.I.	S31034	120001
Vol 9	Bushing, Pump Bushing (Finish in Place) (Machining Required)	N.I.	N.I.	S31034A	120001A
Vol 9	Bushing, Pump Stator (Large) (00-Up) (T-120003-TL req)	N.I.	N.I.	S31037	120003-02
Vol 9	Bushing, Pump Stator (Small) (00-Up) (T-120003-TL req)	N.I.	N.I.	S31036	120003-01
Vol 9	Bushing, Pump Stator Kit (Large & Small) (00-Up) (T-120003-TL req)	N.I.	N.I.	S31037A	120003K
Vol 9	Pressure Regulator Valve Kit O.S. (T-F-120940-TL & T-VB-FIX req)	N.I.	N.I.	S31741PK	120940-01K

Notes

TF690 (CVT LINEARTRONIC)




203
553
963
973
573
855
123
103
153
209
Start Drum
Start Clutch
700
Chain
701
758
711
Drive Pulley
712
796
Differential Cover
702
Driven Pulley
Retainer
013
Cooler Filter
Bell Housing
750
Case
760
762
L-R Housing
770
Extension Housing
410
MLPS
Valve Body
740
077
725
750
Filter
010
438
Sensors
725
077
Differential
Pan
765
446
Cooler Tubes
Case Sleeve
Harness

TF690 (CVT LINEARTRONIC)

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	TF690 (CVT Lineartronic)	1	10-Up	33006S	N.L.
	LESS STEEL KITS				
004	TF690 (CVT Lineartronic)	1	10-Up	33004S	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	TF690 (CVT Lineartronic)	1	10-Up	33002S	N.L.
	FILTERS				
010J	Main	1	10-Up	33010S	N.L.
013H	Cooler	1	10-Up	33013S	N.L.
	BUSHINGS				
046	Transfer Drum	1	10-Up	33046S	N.L.
066	Extension Housing	1	10-Up	33066S	N.L.
	METAL CLAD SEALS				
070A	Converter	1	10-Up	33070SB	N.L.
070A	Pump	1	10-Up	33070SA	N.L.
072	Manual Lever Shaft	1	10-Up	33072S	N.L.
074I	Extension Housing	1	10-Up	33074S	N.L.
075B	Pinion	2	10-Up	33075S	N.L.
076J	Axle, Right	1	10-Up	33076S	N.L.
077J	Axle, Left	1	10-Up	33077S	N.L.
	FRICTION PLATES				
103F	Start	5	10-Up	33103S	N.L.
108C	Forward	6	10-Up	33108S	N.L.
110D	Reverse	5	10-Up	33110S	N.L.
118E	Transfer	6	10-Up	33118S	N.L.
	STEEL PLATES				
123F	Start	6	10-Up	33123S	N.L.
128C	Forward	6	10-Up	33128S	N.L.
130D	Reverse	5	10-Up	33130S	N.L.
138E	Transfer	6	10-Up	33138S	N.L.
	PRESSURE PLATES				
143F	Start	1	10-Up	33143S	N.L.
148C	Forward	1	10-Up	33148S	N.L.
150D	Reverse	1	10-Up	33150S	N.L.
158E	Transfer (Backing Plate)	1	10-Up	33158S	N.L.
159E	Transfer (Apply Plate)	1	10-Up	33159S	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	10-Up	33175S	N.L.
N.I.	Stator	1	10-Up	33177S	N.L.
N.I.	Turbine	1	10-Up	33178S	N.L.
184E	Transfer Clutch	3	10-Up	33184S	N.L.
N.I.	Front Cover (Rear)	2	10-Up	33191S	N.L.
N.I.	Start Clutch Hub	2	10-Up	33192S	N.L.
N.I.	Differential Housing	1	10-Up	33193S	N.L.
N.I.	Drive Pulley	2	10-Up	33194S	N.L.
N.I.	Case (Front)	1	10-Up	33195SA	N.L.
N.I.	Case (Rear)	1	10-Up	33195SB	N.L.
N.I.	Pinion Housing	2	10-Up	33196S	N.L.
	BEARINGS - THRUST				
220	Transfer Drum	1	10-Up	33220S	N.L.
238D	Sun Gear, Bearing & Race	1	10-Up	33238S	N.L.
247D	Planet (Front)	1	10-Up	33247S	N.L.
251D	Planet (Rear)	1	10-Up	33247S	N.L.

TF690 (CVT LINEARTRONIC)

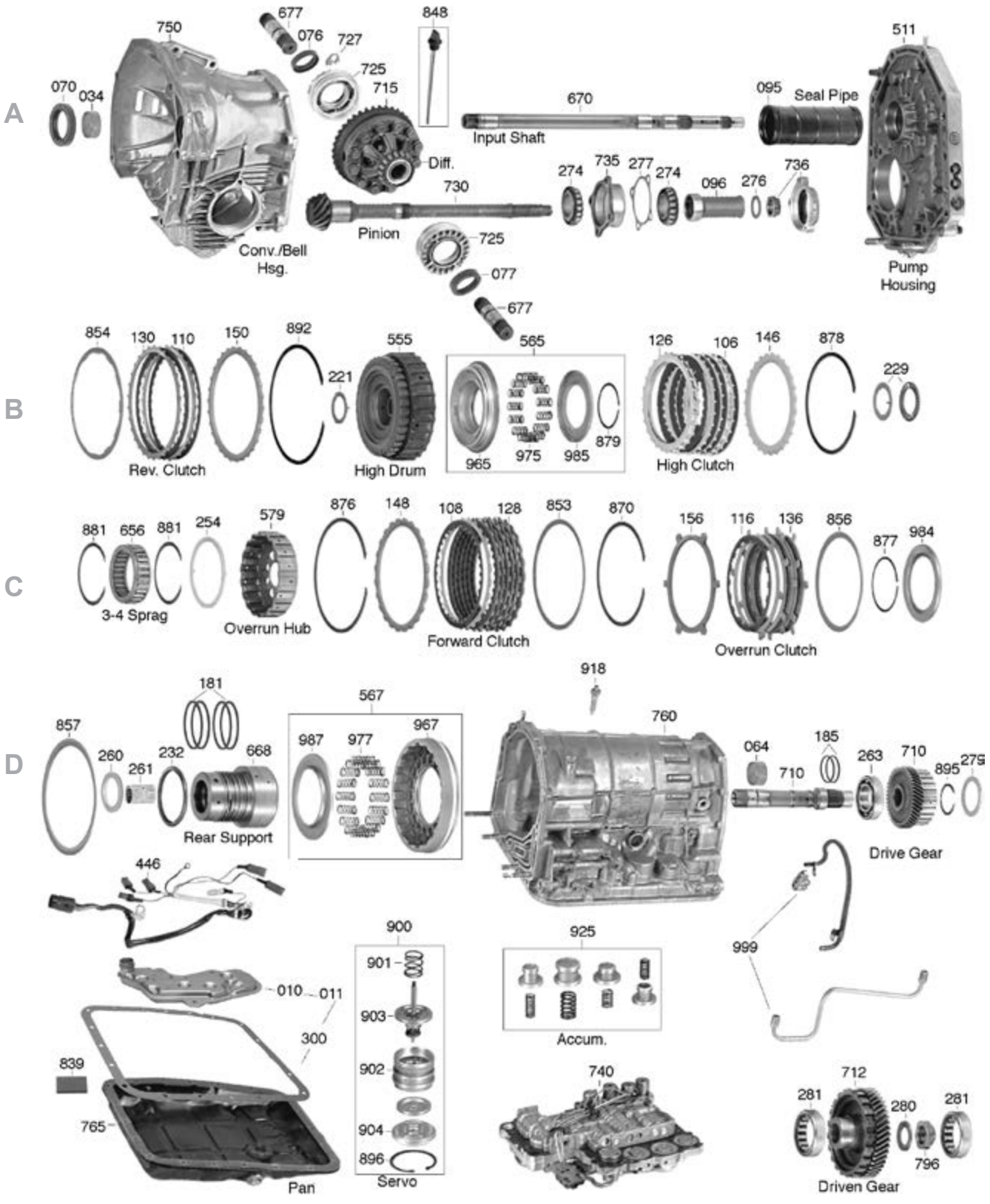
ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS - MISCELLANEOUS				
N.I.	Pump (Caged)	2	10-Up	33208S	N.L.
202A	Pump Drive Gear	1	10-Up	33202S	N.L.
203F	Start Hub (Front)	1	10-Up	33203S	N.L.
209F	Start Hub (Rear)	1	10-Up	33209S	N.L.
214A	Pump Driven Gear	2	10-Up	33214S	N.L.
227H	Driven Pulley (Front) (Large)	1	10-Up	33227S	N.L.
228H	Driven Pulley (Front) (Small)	1	10-Up	33228S	N.L.
N.I.	Driven Pulley (Rear) (Gear Side)	1	10-Up	33229S	N.L.
235H	Drive Pulley (Front)	1	10-Up	33235S	N.L.
N.I.	Drive Pulley (Rear)	1	10-Up	33236S	N.L.
241A	Turbine (Front)	1	10-Up	33241S	N.L.
244A	Turbine (Rear)	1	10-Up	33244S	N.L.
268E	Output (Caged)	1	10-Up	33268S	N.L.
271F	Output	1	10-Up	33271S	N.L.
273E	Transfer Drive Gear (Rear)	1	10-Up	33273S	N.L.
279C	Transfer Driven Gear (Large)	1	10-Up	33279S	N.L.
281C	Transfer Driven Gear (Small)	1	10-Up	33281S	N.L.
289J	Differential (Front & Rear)	2	10-Up	33289S	N.L.
294B	Pinion Bearing w/ Race	1	10-Up	33294S	N.L.
295B	Pinion Drive Gear (Front)	1	10-Up	33295S	N.L.
296B	Pinion Drive Gear (Rear)	1	10-Up	33296S	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan	1	10-Up	33300S	N.L.
	ELECTRICAL COMPONENTS				
410J	Switch, MLPS	1	10-Up	33410S	N.L.
N.I.	Switch, Pressure (Bell)	3	10-Up	33411S	N.L.
N.I.	Solenoid Group	1	10-Up	33420SK	N.L.
436J	Sensor, OSS (Extension Housing)	1	10-Up	33436S	N.L.
438J	Sensor, ISS (Bell Housing)	1	10-Up	33438S	N.L.
439J	Sensor, Transfer Gear	1	10-Up	33439S	N.L.
446J	Harness w/ Connector	1	10-Up	33446S	N.L.
	PUMPS				
500B	Pump Assembly (Remote)	1	10-Up	33500S	N.L.
529A	Stator Shaft (Support)	1	10-Up	33529S	N.L.
530B	Pump Gear	1	10-Up	33530S	N.L.
	DRUMS & CLUTCH HUBS				
554C	Forward	1	10-Up	33554S	N.L.
558E	Transfer	1	10-Up	33558S	N.L.
553G	Start w/ Gear	1	10-Up	33553S	N.L.
573G	Hub, Start	1	10-Up	33573S	N.L.
	PLANETS				
584D	Planet	1	10-Up	33584S	N.L.
594D	Ring Gear	1	10-Up	33594S	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
614D	Sun Gear	1	10-Up	33614S	N.L.
	SHAFTS				
670A	Input w/ Gear	1	10-Up	33670S	N.L.
671B	Pump Shaft	1	10-Up	33671S	N.L.
678E	Output	1	10-Up	33678S	N.L.
	CHAINS				
700H	CVT Chain	1	10-Up	33700S	N.L.
703A	Pump Chain	1	10-Up	33703S	N.L.
	DIFFERENTIALS				
715J	Differential	1	10-Up	33715S	N.L.
725J	Adjust Wheels	2	10-Up	33725S	N.L.
720J	Differential Ring Gear	1	09-Up	33720S	N.L.

TF690 (CVT LINEARTRONIC)

ILL.		QTY.	YEAR	PART No.	REF. No.
	CVT COMPONENTS				
N.I.	CVT Kit, Drive & Driven Pulleys, Chain	1	09-Up	33710SK	N.L.
711H	Drive Pulley	1	10-Up	33711S	N.L.
711H	Drive Pulley Plate	1	10-Up	33711S-1	N.L.
712H	Driven Pulley	1	10-Up	33712S	N.L.
712H	Driven Pulley Plate	1	10-Up	33712S-1	N.L.
701H	Chain Snubber	2	10-Up	33701S	N.L.
702H	Chain Snubber Tube (Short)	1	10-Up	33702SA	N.L.
702H	Chain Snubber Tube (Long)	1	10-Up	33702SB	N.L.
	VALVE BODIES				
740I	Valve Body	1	10-Up	33740S	N.L.
	CASES & HOUSINGS				
750I	Bell Housing (Awd)	1	10-Up	33750S	N.L.
755A	Cover, Front	1	10-Up	33755S	N.L.
758H	Cover, Differential	1	10-Up	33758S	N.L.
759A	Cover, Rear (Start Clutch)	1	10-Up	33759S	N.L.
760I	Case	1	10-Up	33760S	N.L.
762I	Low/ Reverse Housing	1	10-Up	33762S	N.L.
765J	Pan, Bottom	1	10-Up	33765S	N.L.
770I	Extension Housing	1	10-Up	33770S	N.L.
	MISCELLANEOUS COMPONENTS				
690E	Park Gear	1	10-Up	33690S	N.L.
707E	Transfer Gear, Drive	1	10-Up	33707S	N.L.
708E	Pinion Drive Gear	1	10-Up	33708S	N.L.
713H	Driven Pulley Drive Gear	1	10-Up	33713S	N.L.
714C	Driven Gear (Forward Clutch)	1	10-Up	33714S	N.L.
730B	Pinion Gear w/ Shaft	1	10-Up	33730S	N.L.
735B	Pinion Retainer	1	10-Up	33735S	N.L.
795B	Pinion Gear Nut	1	10-Up	33795S	N.L.
796G	Nut, Pulley	2	10-Up	33796S	N.L.
805A	Sprocket, Pump Drive	1	10-Up	33805S	N.L.
806A	Sprocket, Pump Driven	1	10-Up	33806S	N.L.
853C	Cushion, Forward	1	10-Up	33853S	N.L.
854D	Cushion, Reverse	1	10-Up	33854S	N.L.
855F	Cushion, Start	1	10-Up	33855S	N.L.
963F	Piston, Start	1	10-Up	33963S	N.L.
964C	Piston, Forward	1	10-Up	33964S	N.L.
966D	Piston, Reverse	1	10-Up	33966S	N.L.
968E	Piston, Transfer	1	10-Up	33968S	N.L.
973F	Return Spring, Start	1	10-Up	33973S	N.L.
974C	Return Spring, Forward	1	10-Up	33974S	N.L.
976D	Return Spring, Reverse	1	10-Up	33976S	N.L.
978E	Return Spring, Transfer	1	10-Up	33978S	N.L.
983G	Retainer, Start	1	10-Up	33983S	N.L.
984C	Retainer, Forward	1	10-Up	33984S	N.L.
986D	Retainer, Reverse	1	10-Up	33986S	N.L.
988E	Retainer, Transfer	1	10-Up	33988S	N.L.
989G	Retainer, Driven Pulley (Bonded)	1	10-Up	33989S	N.L.

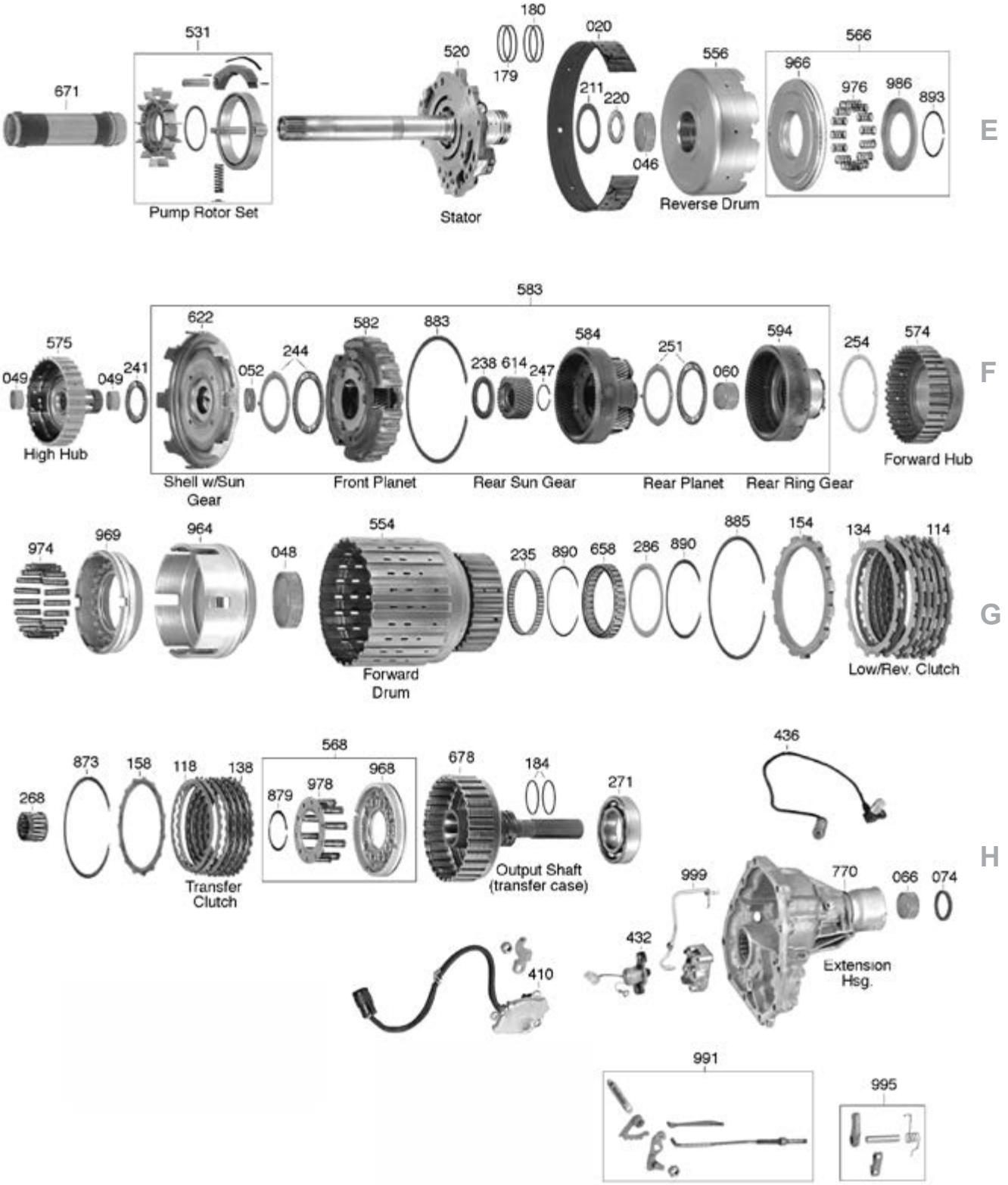
Notes

4 SPEED R4AX-EL (87-98)

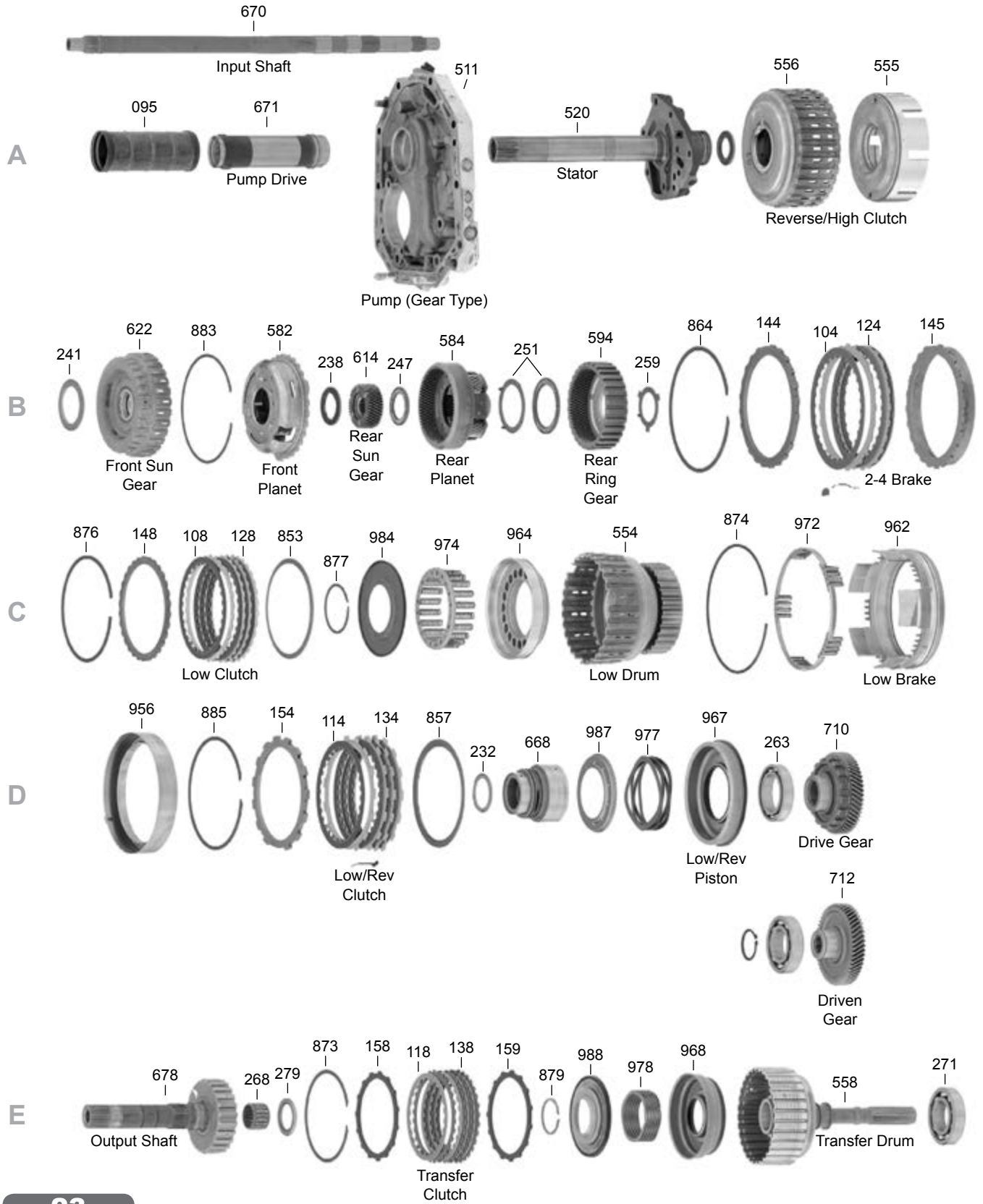


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4 SPEED R4AX-EL (87-98)

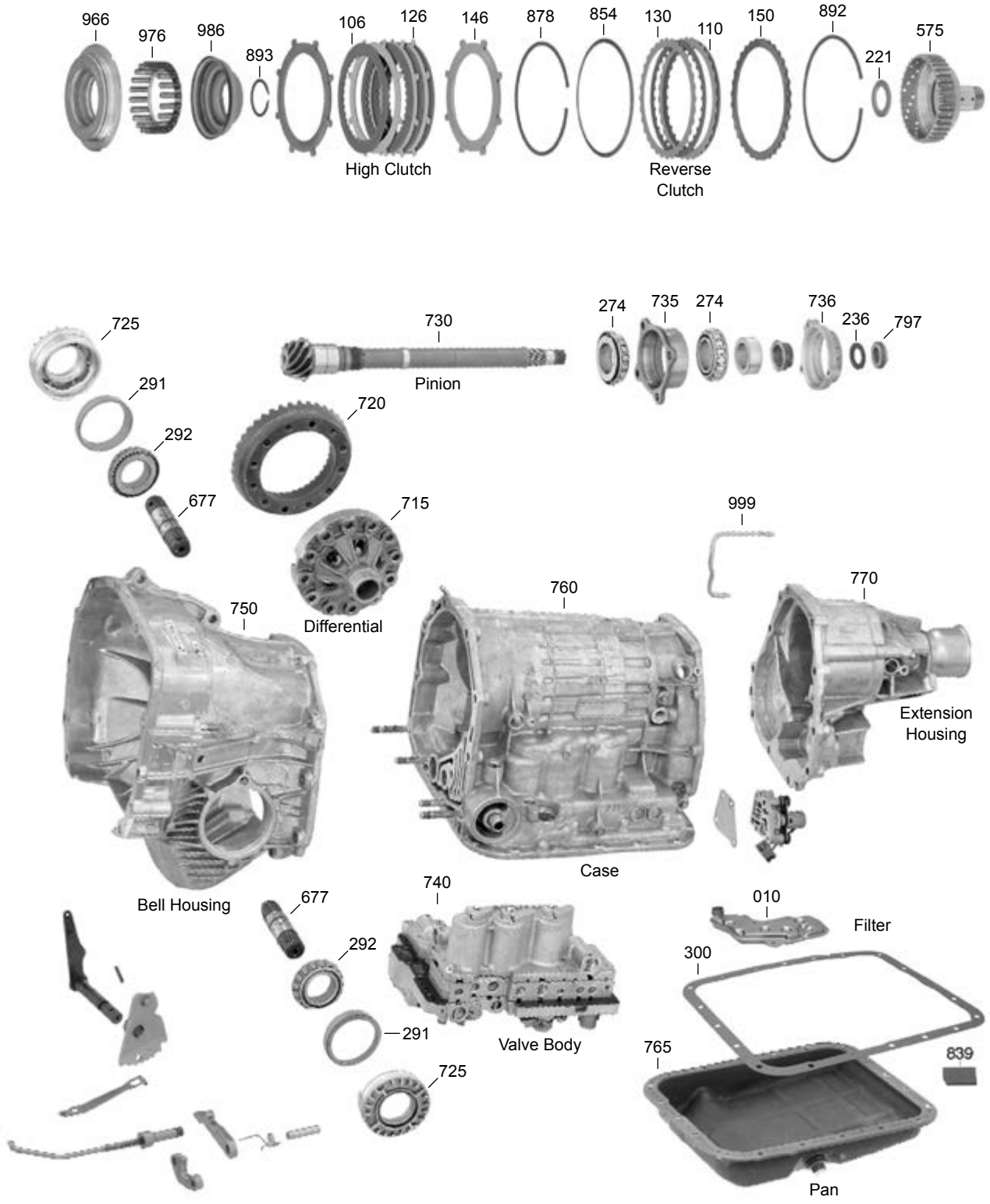


4 SPEED 4EAT (99-UP)



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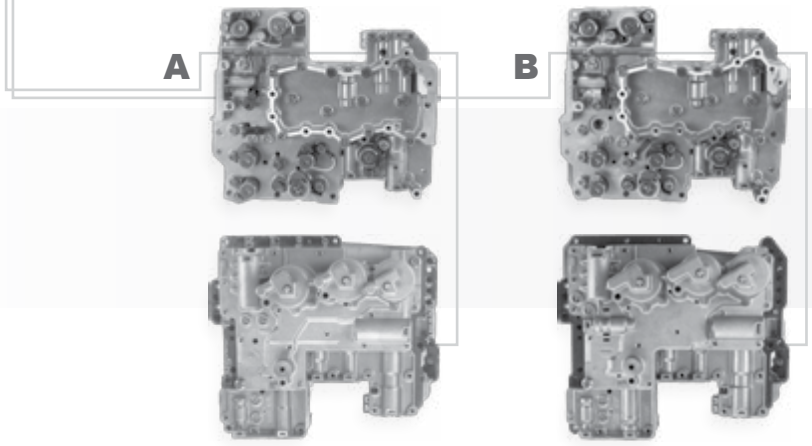


4 SPEED (R4AX-EL, 4EAT)

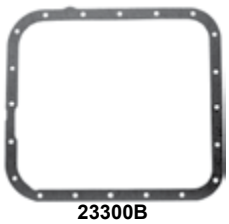
VALVE BODY

GUIDE

	Part	Year	Trans.	
A	P23740-5	98-00	4EAT	2nd design trans (w/spin-on filter) 7 solenoids
B	P23740-6	01-05	4EAT	2nd design trans (w/spin-on filter) 7 solenoids, additional hole




23300


23300B


23010


23010A


23010B

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	R4AX-EL, All 1987-5/95 Exc. Legacy, Legacy Turbo, Impreza & SVX	1	87-E95	23006F	N.L.
006	R4AX-EL, All 6/1995-98 Exc. Legacy, Legacy Turbo, Impreza & SVX	1	L95-98	23006DF	N.L.
006	R4AX-EL, Legacy (Turbo)	1	90-94	23006BF	N.L.
006	R4AX-EL, Legacy (1/90-92 Also Sell 5-23118A, 5-23138A)	1	87-92	23006F	N.L.
006	R4AX-EL, Legacy (93-5/95)	1	93-95	23006CF	N.L.
006	R4AX-EL, Legacy (6/95-98) (2.5L DOHC)	1	95-98	23006DF	N.L.
006	R4AX-EL, Impreza	1	93-97	23006CF	N.L.
006	R4AX-EL, SVX (1/95-97 Also Sell 6-73108A, 6-73128)	1	92-97	23006BF	N.L.
006	4EAT (Spin On Filter)	1	99-Up	23006EF	N.L.
	LESS STEEL KITS				
004	R4AX-EL, All 1987-5/95 Exc. Legacy, Legacy Turbo, Impreza & SVX	1	87-E95	23004F	N.L.
004	R4AX-EL, All 6/1995-98 Exc. Legacy, Legacy Turbo, Impreza & SVX	1	L95-98	23004DF	N.L.
004	R4AX-EL, Legacy (Turbo)	1	90-94	23004BF	N.L.
004	R4AX-EL, Legacy (1/90-92 Also Sell 5-23118A, 5-23138A)	1	87-92	23004F	N.L.
004	R4AX-EL, Legacy (93-5/95)	1	93-95	23004CF	N.L.
004	R4AX-EL, Legacy (6/95-98) (2.5L DOHC)	1	95-98	23004DF	N.L.
004	R4AX-EL, Impreza	1	93-97	23004CF	N.L.
004	R4AX-EL, SVX (1/95-97 Also Sell 6-73108A, 6-73128)	1	92-97	23004BF	N.L.
004	4EAT (Spin On Filter)	1	99-Up	23004EF	N.L.
	(1) Kits Include Transfer Frictions				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	R4AX-EL	1	87-98	23002F	N.L.
002	4EAT	1	99-Up	23002AF	N.L.

4 SPEED (R4AX-EL, 4EAT)

ILL.		QTY.	YEAR	PART No.	REF. No.
	FILTER KITS				
011	R4AX-EL w/ 1/8" Pick-up Tube	1	87-91	23011	N.L.
011	R4AX-EL w/ 1/2" Pick-up Tube	1	90-98	23011A	N.L.
011	4EAT (19 Bolts)	1	99-Up	23011BF	N.L.
011	4EAT (3 Bolts)	1	05-Up	23011C	N.L.
	FILTERS				
010D	R4AX-EL w/ 1/8" Pick-up Tube	1	87-91	23010	31728-AA000
010D	R4AX-EL w/ 1/2" Pick-up Tube	1	91-98	23010A	31728-AA010
010D	4EAT (19 Bolts)	1	99-Up	23010B	31728-AA050
010D	4EAT (3 Bolts)	1	05-Up	23010C	31728-AA130
013	4EAT Cooler Return (Spin-On)	1	99-Up	23013	38325-KA000
	BANDS				
020E	Overdrive	1	87-98	73020	31630-AA010
	BUSHINGS				
030	Bushing Kit, R4AX-EL	1	87-98	23030	N.L.
030	Bushing Kit, 4EAT	1	99-Up	23030	N.L.
034A	Converter Housing (To Converter Hub)	1	87-98	23031	N.L.
	METAL CLAD SEALS				
070A	Front	1	87-Up	23070A	8067-50060
072	Linkage	1	87-Up	23072	8067-16040
074H	Rear (4wd Extension Housing)	1	87-Up	53074	31336-X0101
076	Axle, Right	1	87-03	13076A	8067-30031
076	Axle, Right	1	04-Up	23076	8067-35230
077	Axle, Left	1	87-03	13077A	8067-30032
077	Axle, Left	1	04-Up	23077	8067-35240
095A	Tube Seal, Pump Plate to Differential Housing	1	87-Up	23095	31295-AA003
096A	Pinion	2	87-Up	23096	90311-51008
	FRICTION PLATES				
104B	2-4 Brake	3	99-Up	23104	31532-AA131
106B	High (30T)	4-5	87-98	93106B	31532-AA050
106B	High (36T)	5	99-Up	23106	31532-AA150
108C	Low	6	99-Up	23108	31532-AA170
108C	Forward (.063")	5	96-98	73108A	31532-AA110
108C	Forward (.079")	5-6	87-95	73108	31532-AA060
110B	Reverse (.079") (34T)	2	87-91	93110A	31532-AA030
110B	Reverse (.079") (30T)	2	92-96	73110AA	31532-41X19
110B	Reverse (.079") (38T) (3/97-98)	2	97-98	23110	31532-AA140
110B	Reverse (.063") (30T)	2	99-Up	23110A	31532-AA180
114G	Low/ Reverse (.079")	6	87-94	73114	31662-AA050
114G	Low/ Reverse (.063")	7-8	89-Up	23114A	31662-AA060
114G	Low/ Reverse (.071")	5-6	92-98	23114B	31662-AA080
116C	Overrun	3	87-98	73116	31532-AA070
118H	Transfer Clutch (.079") (24T) (87-12/89)	5	87-L89	23118	31588-AA020
118H	Transfer Clutch (.071") (24T) (1/90-Up)	5-6	E90-Up	23118A	31588-AA060
118H	Transfer Clutch (.071") (50T) (Some)	AR	01-Up	23118B	DAJ02262
	STEEL PLATES				
124B	2-4 Brake	2	99-Up	23124	31536-AA142
126B	High (.078") (8T)	4	99-Up	23126E	31536-AA220
126B	High (.078") (24T)	1-5	97-98	23126C	31536-AA170
126B	High (.079") (27T)	1-5	89-98	93126BA	31536-41X03
126B	High (.108") (27T)	1-5	91-98	23126B	31536-AA070
126B	High (.118") (24T)	3	97-98	23126D	31536-AA160
126B	High (.118") (27T)	3	87-98	93126B	31536-AA030
128C	Low	5-6	99-Up	23128	31536-AA200
128C	Forward (.071")	5	95-98	73128	31536-41X13
128C	Forward (.079")	5-6	87-98	73128A	31536-AA080
130B	Reverse (.063") (32T)	2	99-Up	23130	31536-AA190
130B	Reverse (.079") (30T) 5.050" ID	2	93-98	73130B	31536-AA100
130B	Reverse (.079") (30T) 5.355" ID	2	87-92	93130A	31536-AA000
134G	Low/ Reverse (.078")	6	87-98	73134	31666-AA020
134G	Low/ Reverse (.051")	AR	87-98	73134A	N.L.

4 SPEED (R4AX-EL, 4EAT)

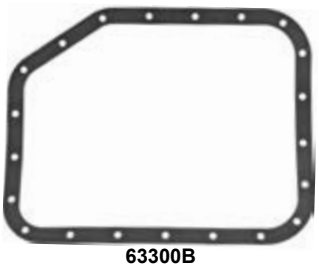
ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES (Cont.)				
134G	Low/ Reverse (.071")	6-8	91-98	23134B	31666-AA030
134G	Low/ Reverse (.063")	4-7	93-Up	23134C	31666-AA060
136C	Overrun	3	87-98	73136	31536-AA090
138H	Transfer Clutch (.071")	5	87-98	23138	31589-AA030
138H	Transfer Clutch (.063")	4-6	91-Up	23138A	31589-AA041
	PRESSURE PLATES				
146B	High Clutch 3.6mm	1	87-98	73146A	31537-41X61
146B	High Clutch 4.0mm	1	87-98	73146AB	31567-41X63
	VALVE BODY RECALIBRATION KITS				
165	Valve Body Kit (4EAT) (RatioTek)	1	99-07	A23165E	RT-4ATAXLE
165	Valve Body Kit (R4AX-EL) (RatioTek)	1	99-07	A23165F	RT4AT-HD
	SEALING RINGS				
175H	Ring Kit	1	87-98	23175	N.L.
	THRUST WASHERS				
211E	Stator to Reverse Drum .028"	1	87-98	93211	31528-21X00
211E	Stator to Reverse Drum .035"	1	87-98	93211A	31528-21X01
211E	Stator to Reverse Drum .043"	1	87-98	93211B	31528-21X02
211E	Stator to Reverse Drum .051"	1	87-98	93211C	31528-21X03
211E	Stator to Reverse Drum .067"	1	87-98	93211E	31528-21X05
211E	Stator to Reverse Drum .075"	1	87-98	93211F	31528-21X06
254C	Rear Planet Ring Gear to Clutch Hub	1	87-98	73254	31508-41X01
260D	Bearing Races, Rear Hub to Rear Support	1	87-98	73260A	31407-41X11
	GASKETS & O-RINGS				
300D	Gasket, Bottom Pan (Cork)	1	87-98	23300	31397-AA040
300D	Gasket, Bottom Pan (Fiber)	1	87-98	23300F	31397-AA040
300D	Gasket, Bottom Pan (Fiber)	1	99-Up	23300BF	N.L.
	TECHNICAL MANUALS				
400H	Tech Manual	1	87-98	23400	83-SUBA4TM
400H	Tech Manual, Diagnostic Guide Phase 2	1	99-Up	23400ET	N.L.
	ELECTRICAL COMPONENTS				
420	Solenoid Assembly (4 Solenoids) (1st Design)	1	87-98	23420	31939-AA000
420	Solenoid Assembly (7 Solenoids) (2nd Design)	1	99-04	23420B	N.L.
420	Solenoid Assembly (7 Solenoids) (3rd Design)	1	05-Up	23420C	N.L.
421	Solenoid, #1 Shift (Green Connector)	1	99-04	23421B	31939-AA110
422	Solenoid, #2 Shift (Yellow Connector)	1	99-04	23422B	31939-AA180
431	Solenoid, Linear (Line Pressure Control)	1	05-Up	23431C	N.L.
425	Solenoid, Lock-Up (TCC)	1	87-98	23425	31939-AA020
425	Solenoid, Lock-up (TCC) (Blue Connector)	1	99-04	23425A	31939-AA080
425	Solenoid, Lock-up Duty (TCC) (Gray Connector)	1	05-Up	23432D	N.L.
431	Solenoid, EPC (Red/ Pink Connector)	1	99-04	23431A	31939-AA160
431	Solenoid, 2-4 Brake Duty (Red/ Pink Connector)	1	99-04	23431A	31939-AA160
431	Solenoid, 2-4 Brake Duty (Brown Connector)	1	05-Up	23432E	N.L.
432	Solenoid, 2-4 Brake Timing (Black Connector)	1	99-04	23432B	31939-AA101
425	Solenoid, High Clutch Duty (Gray Connector)	1	05-Up	23432D	N.L.
432	Solenoid, Low Clutch Timing (Gray Connector)	1	99-04	23432C	31939-AA091
431	Solenoid, Low Clutch Duty (Brown Connector)	1	05-Up	23432E	N.L.
433	Solenoid, Low/ Reverse Duty (Gray Connector)	1	05-Up	23432D	N.L.
433	Solenoid, Transfer Clutch Duty (2.160" Tall Body)	1	87-E95	23433	31942-AA061
433	Solenoid, Transfer Clutch Duty (2.460" Tall Body)	1	L95-98	23433B	31942-AA090
433	Solenoid, Transfer Clutch Duty & VB (10/98-6/03)	1	L98-03	23433A	31942-AA103
433	Solenoid, Transfer Clutch Duty & VB (7/03-4/06)	1	03-E06	23433C	31942-AA130
433	Solenoid, Transfer Clutch Duty (On VB) (05-09)	1	05-09	23433E	N.L.
446	Harness, Internal w/ TOT	1	05-Up	23446C	N.L.

4 SPEED (R4AX-EL, 4EAT)

ILL.		QTY.	YEAR	PART No.	REF. No.
	DRUMS & CLUTCH HUBS				
554G	Forward Drum & Sprag Update) (Replaces 34 Element Sprag)	1	87-98	73554A	31571-41X26
554C	Low Drum	1	99-Up	23554	N.L.
555B	High (30T Reverse Hub)	1	87-98	73555A	N.L.
555B	High (34T Reverse Hub)	1	87-98	93555	31541-21X01
556A	Reverse	1	99-Up	23556	N.L.
556E	Reverse	1	87-98	73556	31511-41X04
	PLANETS				
583F	Planet Kit (Includes # 622 to # 594) (37T Rear Sun Gear)	1	87-98	73583	N.L.
583F	Planet Kit (Includes # 622 to # 594) (42T Rear Sun Gear)	1	87-98	73583B	N.L.
583F	Planet Kit (Includes # 622 to # 579) (42T Rear Sun Gear)	1	87-98	73583BA	N.L.
583F	Planet Kit	1	99-Up	23583B	N.L.
	ONE WAY CLUTCHES				
656C	Sprag, Input (28 Elements)	1	87-98	73656	31484-41X00
658G	Sprag, Low (34 Elements) (Replaced by 73554A)	1	87-92	23658	N.L.
658G	Sprag, Low (30 Elements)	1	93-98	73658A	31473-41X02
	VALVE BODIES				
740D	Valve Body (Premium) (5 Solenoids)	1	87-98	P23740-1	N.L.
740D	Valve Body (Premium) (7 Solenoids, Plug Style TOT)	1	98-00	P23740-5	N.L.
740D	Valve Body (Premium) (7 Solenoids, Wire Style TOT)	1	01-Up	P23740-6	N.L.
	MISCELLANEOUS COMPONENTS				
854B	Reverse Dished Plate w/ Tangs (Eliminates Drum Spin)	1	87-98	93854A	31535-21X05
915	Strut, Servo Band	1	87-98	73915-2	69700-01
967D	Piston, Low/ Reverse (.600” Tall) (2.0L Turbo, 3.0L) (Bonded)	1	00-Up	23967C	31643-AA190
967D	Piston, Low/ Reverse (.725” Tall) (2.5L) (Bonded)	1	99-Up	23967B	31643-AA180
967D	Piston, Low/ Reverse (.850” Tall) (2.2L) (Bonded)	1	99-Up	23967A	31643-AA170
968E	Piston, Transfer Clutch (Bonded)	1	99-Up	23968A	33143-AA080
978H	Retainer, Transfer Clutch Retainer (Bonded)	1	87-98	23968	33283-AA000
988E	Retainer, Transfer Clutch Retainer (Bonded)	1	99-Up	23968AB	33283-AA010
968H	Retainer, High Clutch (Bonded)	1	99-Up	23965	31544-AA000
968H	Retainer, Low Clutch (Bonded)	1	99-Up	23964	31544-AA010

Notes

5 SPEED (5EAT)



63300B



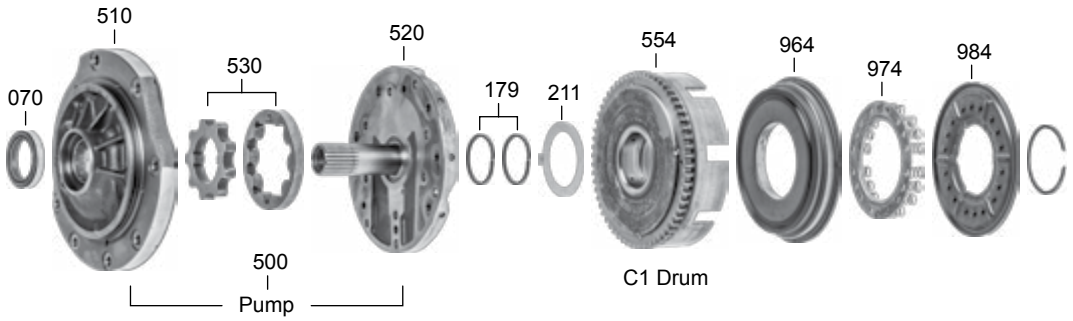
63010B

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	Subaru 5 Speed (5EAT) (w/ Pistons)	1	05-Up	63006BP	N.L.
006	Subaru 5 Speed (5EAT) (w/out Pistons)	1	05-Up	63006BN	N.L.
	LESS STEEL KITS				
004	Subaru 5 Speed (5EAT) (w/ Pistons)	1	05-Up	63004BP	N.L.
004	Subaru 5 Speed (5EAT) (w/out Pistons)	1	05-Up	63004BN	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	Subaru 5 Speed (5EAT) (w/ Pistons)	1	05-Up	63002BP	N.L.
002	Subaru 5 Speed (5EAT) (w/out Pistons)	1	05-Up	63002BN	N.L.
	FILTER KITS				
011	Filter Kit	1	05-Up	63011B	N.L.
	FILTERS				
010	Filter (Metal w/ 17 Bolts)	1	05-Up	63010B	N.L.
010	Filter (Plastic w/ 3 Bolts)	1	07-Up	63010C	N.L.
	BUSHINGS				
N.I.	Bushing Kit	1	05-Up	63030B	N.L.
	METAL CLAD SEALS				
N.I.	Front	1	05-Up	23070A	N.L.
N.I.	Shift Lever	1	05-Up	23072	N.L.
N.I.	Rear (4wd Extension Housing)	1	05-Up	53074	N.L.
N.I.	Axle, Right	1	05-Up	23076	N.L.
N.I.	Axle, Left	1	05-Up	23077	N.L.
N.I.	Pinion	2	05-Up	23096	N.L.
	FRICTION PLATES				
N.I.	Input	5	05-Up	63100	N.L.
N.I.	Front Brake	2	05-Up	63104	N.L.
N.I.	Direct	5	05-Up	63106	N.L.
N.I.	Forward	4	05-Up	63108	N.L.
N.I.	Reverse	5	05-Up	63110	N.L.
N.I.	Low Coast	3	05-Up	63112	N.L.
N.I.	High & Low/ Reverse	4	05-Up	63114	N.L.
N.I.	Transfer	3	05-Up	23118B	N.L.
	STEEL PLATES				
N.I.	Input	5	05-Up	63120	N.L.
N.I.	Front Brake	2	05-Up	63124	N.L.
N.I.	Direct	5	05-Up	63126	N.L.
N.I.	Forward	4	05-Up	63128	N.L.
N.I.	Reverse	5	05-Up	63130	N.L.
N.I.	Low Coast	3	05-Up	63132	N.L.
N.I.	High & Low/ Reverse	4	05-Up	63134	N.L.
N.I.	Transfer	3	05-Up	23138A	31589-AA041
	VALVE BODY RECALIBRATION KITS				
N.I.	Reprogramming Kit™ (5EAT) (Transgo®)	1	02-08	T63169A	6L8-VL-PR3
	SEALING RINGS				
N.I.	Ring Kit	1	05-Up	63175B	N.L.

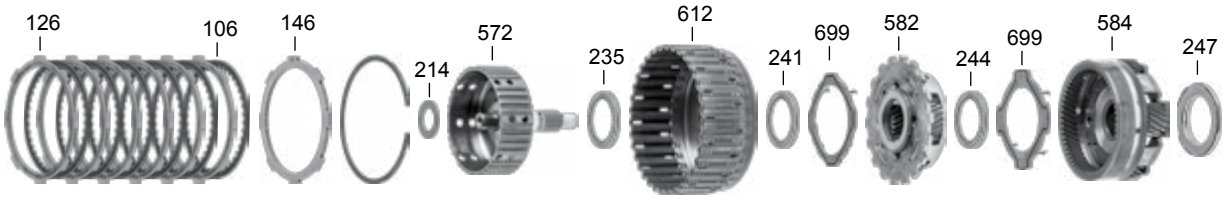
5 SPEED (5EAT)

ILL.		QTY.	YEAR	PART No.	REF. No.
	GASKETS & O-RINGS				
N.I.	Gasket, Pan	1	05-Up	63300B	N.L.
	ELECTRICAL COMPONENTS				
N.I.	Solenoid w/ Cap (Direct, Input, High-L/R)	3	05-Up	63425C	N.L.
N.I.	Solenoid w/ Flat Top (Front Brake, Transfer Clutch, TCC, Line Pressure)	4	05-Up	63421C	N.L.
N.I.	Solenoid (Low Coast Brake)	1	05-Up	63431C	N.L.
	PUMPS				
N.I.	Pump Body	1	02-Up	63510B	N.L.
N.I.	Pump Cover	1	02-Up	63520B	N.L.
N.I.	Pump Gears (4 Slots) (9T Inner Gear)	1	02-Up	63530B	N.L.
	DRUMS & CLUTCH HUBS				
N.I.	Drum, Input w/ Shaft (14.400" Long)	1	02-Up	63554B	N.L.
N.I.	Drum, Direct	1	02-Up	63555B	N.L.
N.I.	Drum, Hi/Lo	1	02-Up	63557B	N.L.
N.I.	Hub, Hi/Lo	1	02-Up	63577B	N.L.
N.I.	Hub, Low Coast	1	02-Up	63579B	N.L.
	PLANETS				
N.I.	Planet, Transfer	1	02-Up	63586B	N.L.
N.I.	Planet, Front	1	02-Up	63582B	N.L.
N.I.	Planet, Rear	1	02-Up	63584B	N.L.
N.I.	Planet, Center	1	02-Up	63580B	N.L.
N.I.	Ring Gear, Center Planet	1	02-Up	63590B	N.L.
N.I.	Ring Gear, Rear	1	02-Up	63594B	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
N.I.	Sun Gear Drum, Overdrive	1	02-Up	63616B	N.L.
N.I.	Sun Gear, Forward	1	02-Up	63612B	N.L.
N.I.	Sun Gear, Rear	1	02-Up	63614B	N.L.
N.I.	Sun Gear, Center	1	02-Up	63610B	N.L.
N.I.	Center Support	1	02-Up	63630B	N.L.
N.I.	Center Support, Center	1	02-Up	63632B	N.L.
	ONE WAY CLUTCHES				
N.I.	Sprag, 1st	1	02-Up	63654B	N.L.
N.I.	Sprag, Forward	1	02-Up	63658B	N.L.
	SHAFTS				
N.I.	Output Shaft	1	02-Up	63678B	N.L.
	VALVE BODIES				
N.I.	Valve Body (8 Solenoids)	1	02-05	63740B	N.L.
	CASES & HOUSINGS				
N.I.	Bell Housing	1	02-Up	63750B	N.L.
N.I.	Case	1	02-Up	63760B	N.L.
N.I.	Pan, Bottom	1	02-Up	63765B	N.L.
N.I.	Extension Housing	1	02-Up	63770B	N.L.
	MISCELLANEOUS COMPONENTS				
N.I.	Park Gear	1	02-Up	63690B	N.L.
N.I.	Servo Assembly	1	02-Up	63900B	N.L.
N.I.	Linkage	1	02-Up	63991B	N.L.
N.I.	Parking Pawl	1	02-Up	63995B	N.L.
N.I.	Retainer, Input Clutch Balance (Bonded)	1	02-Up	63984	N.L.
N.I.	Retainer, Direct Clutch Balance (Bonded)	1	02-Up	63985	N.L.
N.I.	Retainer, Hi-Low/ Reverse Clutch Balance (Bonded)	1	02-Up	63987	N.L.

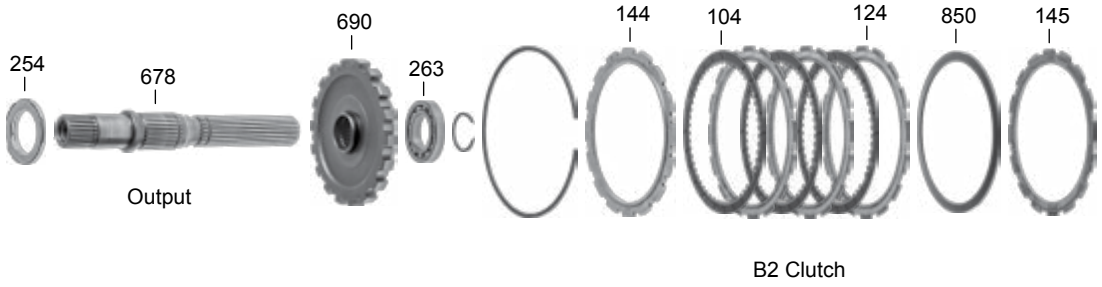
A


510
070
530
520
179
211
554
964
974
984
500
Pump
C1 Drum

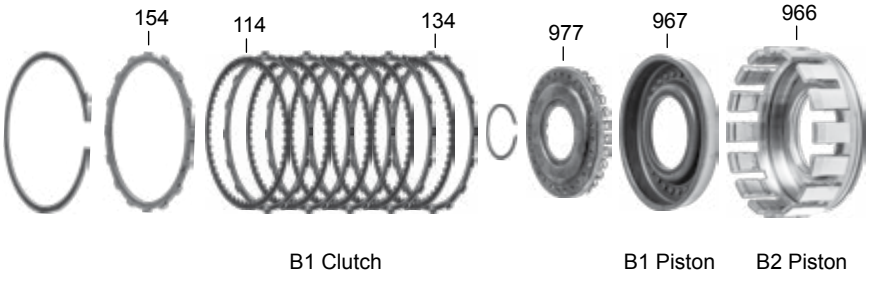
B

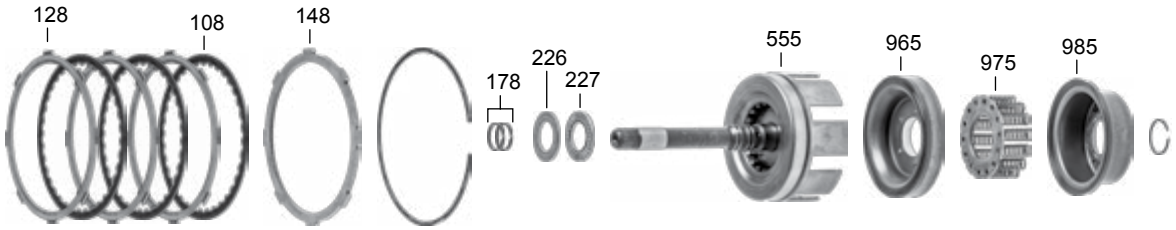

126
106
146
572
214
235
612
241
699
582
244
699
584
247
C2 Clutch
C2 Hub
Front Sun
Front Planet
Rear Planet

C


254
678
690
263
144
104
124
850
145
Output
B2 Clutch

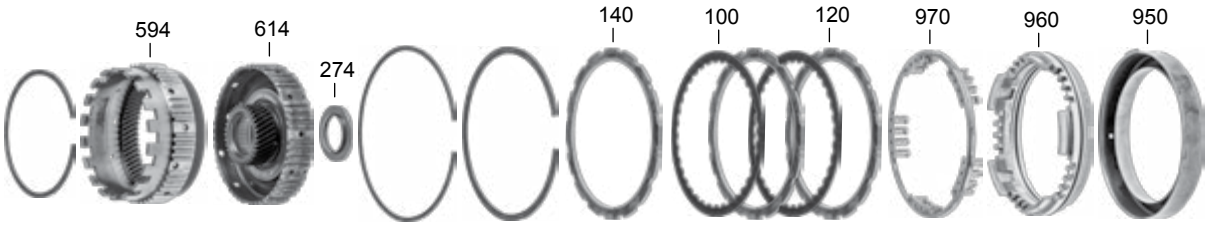
D


154
114
134
977
967
966
B1 Clutch
B1 Piston
B2 Piston



C1 Clutch

C2 Drum

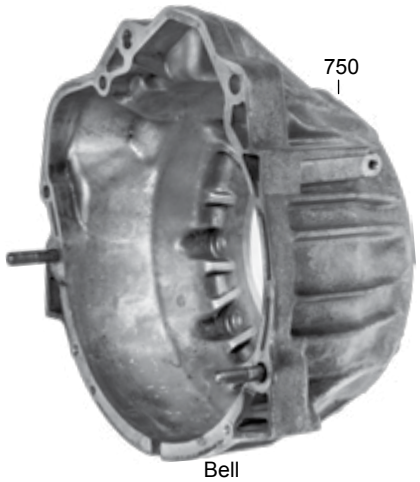


Ring Gear

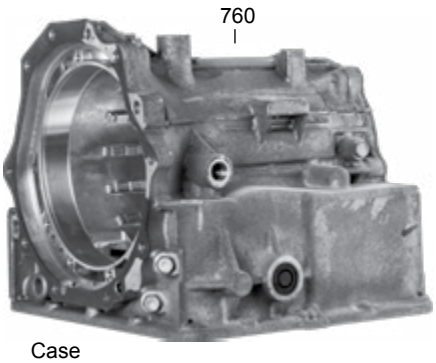
Rear Sun

BO Clutch

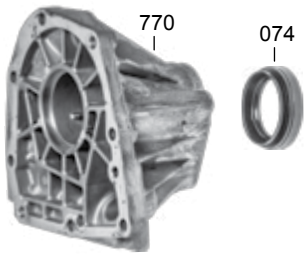
BO Piston/ Housing



Bell Housing



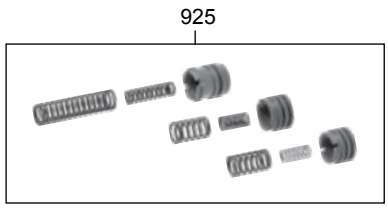
Case



Extension Housing



Valve Body



Accumulators

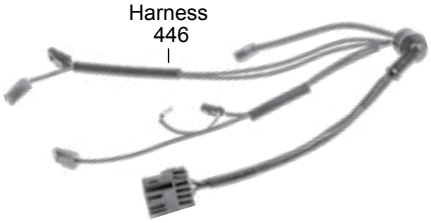


Filter





Pan



A174

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A174	1	00-Up	249006	N.L.
	LESS STEEL KITS				
004	A174	1	00-Up	249004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A174	1	00-Up	249002	N.L.
	FILTERS				
010H	Main	1	00-Up	249010	N.L.
	BUSHINGS				
034	Pump	1	00-Up	249034	N.L.
036	Stator (Front)	1	00-Up	249036	N.L.
037	Stator (Rear)	1	00-Up	249037	N.L.
048	C1 Drum	1	00-Up	109048	N.L.
061	C2 Drum	1	00-Up	109061	N.L.
062	Output Shaft	1	00-Up	249062	N.L.
066	Extension Housing	1	00-Up	249066	N.L.
	METAL CLAD SEALS				
070A	Pump	1	00-Up	109070	N.L.
072	Manual Lever Shaft	2	00-Up	249072	N.L.
074G	Extension Housing (RWD)	1	00-Up	249074A	N.L.
074	Adapter (4WD)	1	00-Up	249074B	N.L.
	FRICTION PLATES				
100F	BO	2	00-Up	109108	N.L.
104C	B2	3	00-Up	249104	N.L.
106B	C2	6	00-Up	109106	N.L.
108E	C1	3	00-Up	109108	N.L.
114D	B1	5	00-Up	249114	N.L.
	STEEL PLATES				
120F	BO (.070")	1	00-Up	249120A	N.L.
120F	BO (.090")	1	00-Up	249120B	N.L.
124C	B2	3	00-Up	249124	N.L.
126B	C2	6	00-Up	109126	N.L.
128E	C1	3	00-Up	109128	N.L.
134D	B1	5	00-Up	249134	N.L.
	PRESSURE PLATES				
140F	BO	1	00-Up	249140	N.L.
144C	B2 (Backing Plate)	1	00-Up	249144	N.L.
145C	B2 (Apply Plate)	1	00-Up	249145	N.L.
146B	C2	1	00-Up	109146	N.L.
148E	C1	1	00-Up	109148	N.L.
154D	B1	1	00-Up	249154	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	00-Up	109175	N.L.
178E	Input Shaft	2	00-Up	109178	N.L.
179A	Stator	2	00-Up	109179	N.L.
	THRUST WASHERS				
211A	Stator	1	00-Up	109211	N.L.
	BEARINGS - THRUST				
214B	Bearing, C2 Hub (Front)	1	00-Up	249214	N.L.
226E	Bearing, C2 (Front)	1	00-Up	249226	N.L.
227E	Race, C2 (Front)	1	00-Up	249227	N.L.
235B	Bearing, C2 Hub (Rear)	1	00-Up	249235	N.L.
241B	Bearing, Front Planet to Sun Gear	1	00-Up	249241	N.L.
244C	Bearing, Front Planet to Rear Planet	1	00-Up	249244	N.L.
247B	Bearing, Rear Planet to Sun Gear	1	00-Up	249247	N.L.
254C	Bearing, Output Shaft	1	00-Up	249254	N.L.
274F	Bearing, Rear Sun Gear (Rear)	1	00-Up	249274	N.L.

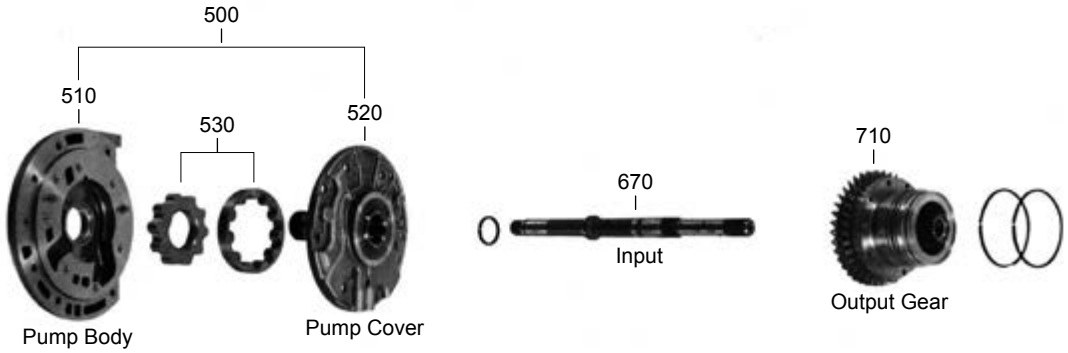
ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS - MISCELLANEOUS				
246	Front Sun Gear(Caged)	2	00-Up	249246A	N.L.
246	Rear Sun Gear (Caged)	1	00-Up	249246B	N.L.
262	Case (Caged)	1	00-Up	249262	N.L.
263C	Extension Housing / Output	1	00-Up	249263	N.L.
	GASKETS & O-RINGS				
300H	Gasket, Pan	1	00-Up	249300	N.L.
305	Gasket, Extension Housing	1	00-Up	249305	N.L.
310	Gasket, Pump	1	00-Up	249310	N.L.
311	D-Ring, Pump	1	00-Up	249311	N.L.
318	Gasket, Bell Housing	1	00-Up	249318	N.L.
320	Gasket Kit, Valve Body	1	00-Up	249320K	N.L.
	ELECTRICAL COMPONENTS				
421	Solenoid, Shift #1	1	00-Up	249421	N.L.
422	Solenoid, Shift #2	1	00-Up	249422	N.L.
423	Solenoid, Shift #3	1	00-Up	249423	N.L.
431	Solenoid, EPC	1	00-Up	249431	N.L.
437	Sensor, TOT	1	00-Up	249437	N.L.
446	Harness w/ Connector	1	00-Up	249446	N.L.
	PUMPS				
500A	Pump	1	00-Up	249500	N.L.
510A	Pump Body w/ Gears	1	00-Up	249510	N.L.
520A	Pump Stator	1	00-Up	249520	N.L.
530A	Pump Gears (GEROTOR)	1	00-Up	249530	N.L.
	DRUMS & CLUTCH HUBS				
554A	Drum, C1	1	00-Up	249554	N.L.
555E	Drum, C2 w/ Input Shaft	1	00-Up	249555	N.L.
572B	Hub, C2	1	00-Up	249572	N.L.
	PLANETS				
582B	Planet, Front	1	00-Up	249582	N.L.
584B	Planet, Rear	1	00-Up	249584	N.L.
594F	Ring Gear	1	00-Up	249594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612B	Sun Gear, Front w/ Shell	1	00-Up	249612	N.L.
614F	Sun Gear, Rear w/ Hub	1	00-Up	249614	N.L.
	SHAFTS				
678C	Output Shaft (2WD)	1	00-Up	249678A	N.L.
678C	Output Shaft 4WD)	1	00-Up	249678B	N.L.
	VALVE BODIES				
740H	Valve Body	1	00-Up	249740	N.L.
	CASES & HOUSINGS				
750G	Bell Housing	1	00-Up	249750	N.L.
760G	Case	1	00-Up	249760	N.L.
765H	Bottom Pan	1	00-Up	249765	N.L.
770G	Extension Housing (2WD)	1	00-Up	249770A	N.L.
770G	Adapter (4WD)	1	00-Up	249770B	N.L.
	MISCELLANEOUS COMPONENTS				
690C	Parking Gear	1	00-Up	249690	N.L.
699B	Planet Dam (Front)	1	00-Up	249699A	N.L.
699B	Planet Dam (Rear)	1	00-Up	249699B	N.L.
850C	Cushion, B2	1	00-Up	249850	N.L.
925H	Piston, Accumulator (Long)	1	00-Up	249925A	N.L.
925H	Piston, Accumulator (Short)	2	00-Up	249925B	N.L.
950F	Support, BO	1	00-Up	249950	N.L.
960F	Piston, BO	1	00-Up	249960	N.L.
964A	Piston, C1	1	00-Up	109964	N.L.
965E	Piston, C2	1	00-Up	109965	N.L.
966D	Piston, B2	1	00-Up	249966	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
MISCELLANEOUS COMPONENTS (Cont.)					
967D	Piston, B1	1	00-Up	249967	N.L.
970F	Return Spring, BO	1	00-Up	249970	N.L.
974A	Return Spring, C1	1	00-Up	249974	N.L.
975E	Return Spring, C2	1	00-Up	249975	N.L.
977D	Return Spring, B1	1	00-Up	249977	N.L.
984A	Retainer, C1 Piston	1	00-Up	109984	N.L.
985E	Retainer, C2 Piston	1	00-Up	249985	N.L.

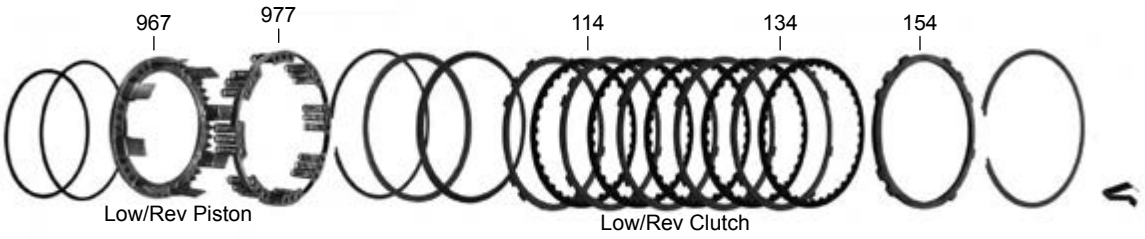
Notes

Notes

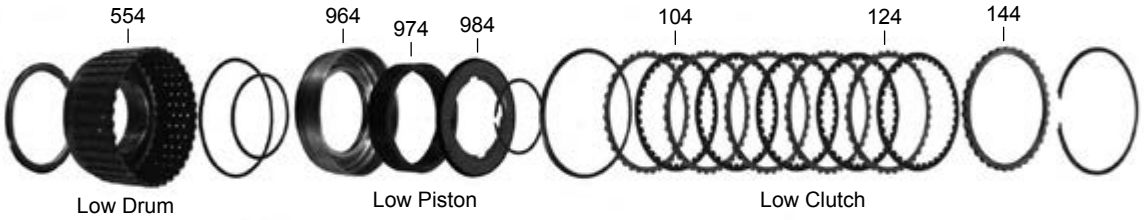
A


500
510
530
520
710
670
Input
Pump Body
Pump Cover
Output Gear

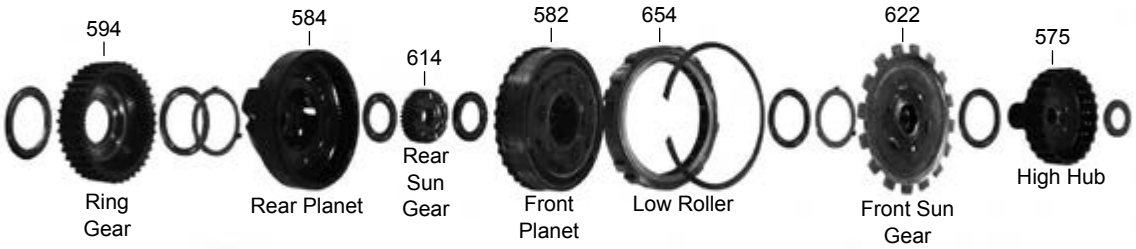
B


967
977
114
134
154
Low/Rev Piston
Low/Rev Clutch

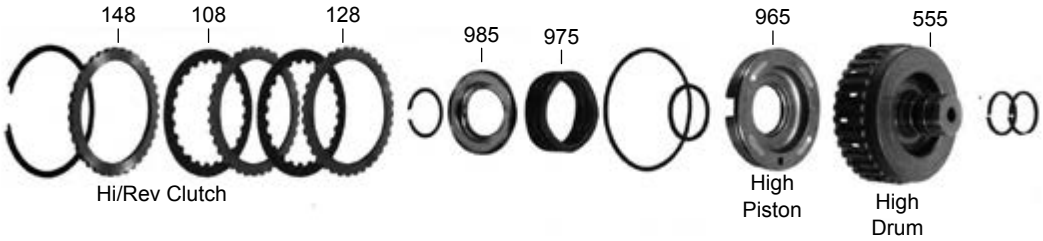
C


554
964
974
984
104
124
144
Low Drum
Low Piston
Low Clutch

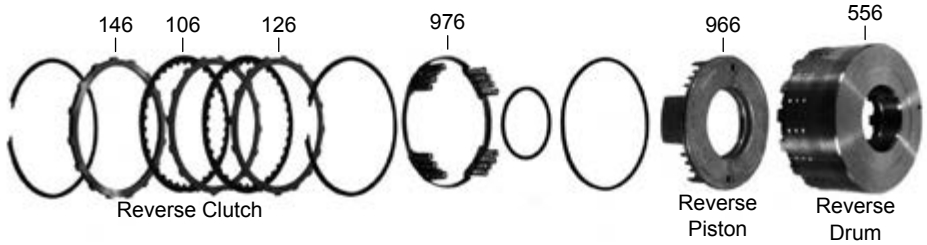
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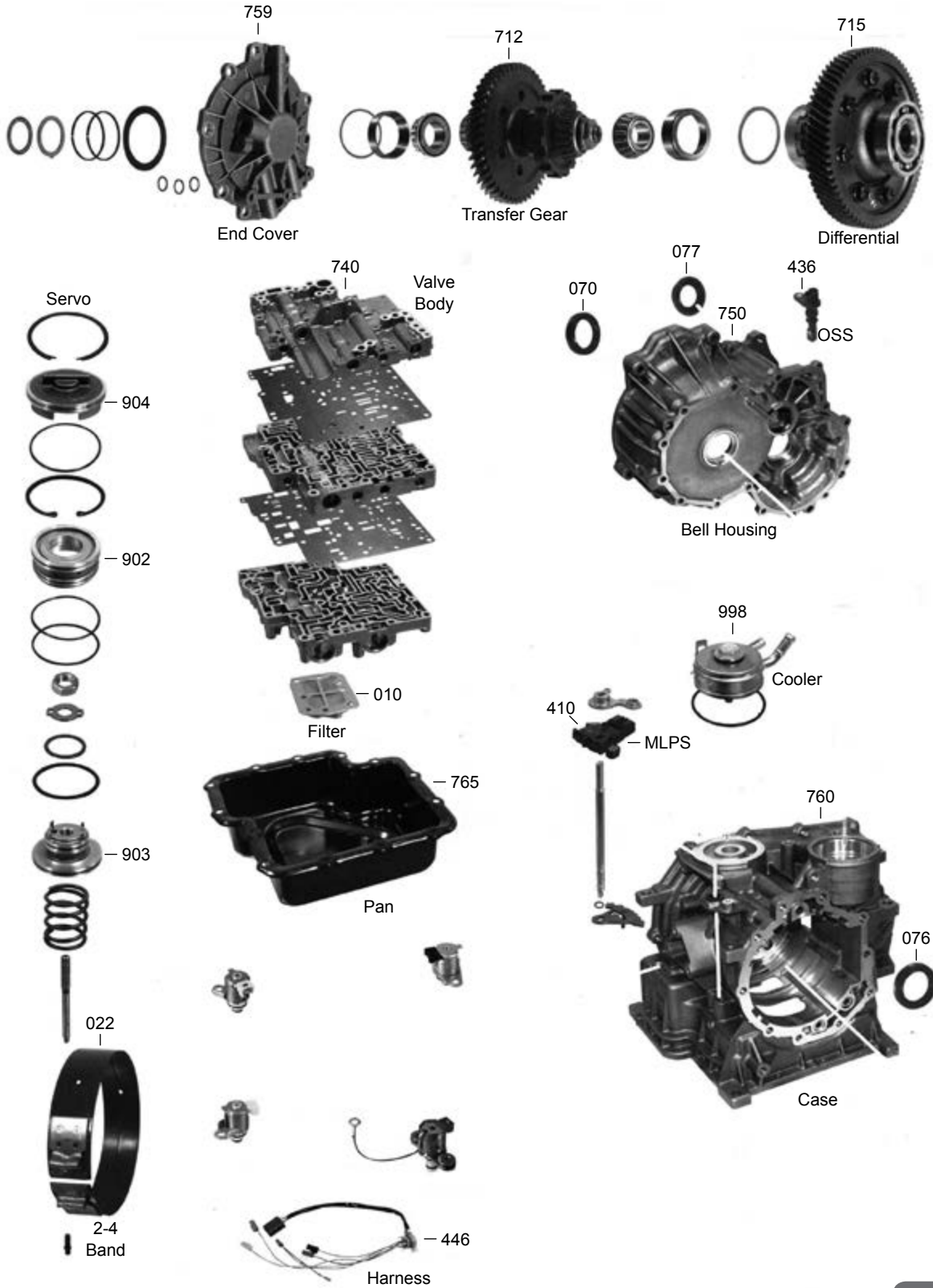

594
584
614
582
654
622
575
Ring Gear
Rear Planet
Rear Sun Gear
Front Planet
Low Roller
Front Sun Gear
High Hub

E

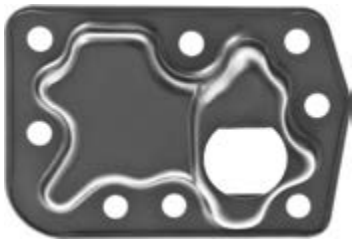

148
108
128
985
975
965
555
Hi/Rev Clutch
High Piston
High Drum

F


146
106
126
976
966
556
Reverse Clutch
Reverse Piston
Reverse Drum


759
End Cover
712
Transfer Gear
715
Differential
740
Valve Body
Servo
904
902
903
022
2-4 Band
010
Filter
765
Pan
446
Harness
077
070
436
750
OSS
Bell Housing
998
Cooler
410
MLPS
760
076
Case

JF405E



83010J

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
N.I.	JF405E (w/ Piston)	1	03-Up	83006JP	N.L.
N.I.	JF405E (w/out Piston)	1	03-Up	83006JN	N.L.
	LESS STEEL KITS				
N.I.	JF405E (w/ Piston)	1	03-Up	83004JP	N.L.
N.I.	JF405E (w/out Piston)	1	03-Up	83004JN	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	JF405E (w/ Piston)	1	03-Up	83002JP	N.L.
N.I.	JF405E (w/out Piston)	1	03-Up	83002JN	N.L.
	FILTER KITS				
N.I.	JF405E	1	03-Up	83011J	N.L.
	FILTERS				
010I	JF405E	1	03-Up	83010J	45611-02700
	BANDS				
022	2-4 Band	1	03-Up	83022J	45460-02700
	BUSHINGS				
N.I.	Bushing Kit	1	03-Up	83030J	N.L.
	METAL CLAD SEALS				
070H	Pump	1	03-Up	83070J	N.L.
076J	Axle, Right	1	03-Up	83076J	N.L.
077H	Axle, Left	1	03-Up	83077J	N.L.
	FRICTION PLATES				
104C	Low	7	03-Up	83104J	N.L.
106F	Reverse	3	03-Up	83106J	N.L.
108E	High	2	03-Up	83108J	N.L.
114B	Low/ Reverse	5-7	03-Up	83114J	N.L.
	STEEL PLATES				
124C	Low	7	03-Up	83124J	N.L.
126F	Reverse	3	03-Up	83126J	N.L.
128E	High	2	03-Up	83128J	N.L.
134B	Low/ Reverse	5-7	03-Up	83134J	N.L.
	PRESSURE PLATES				
144C	Low	1	03-Up	83144J	N.L.
146F	Reverse	1	03-Up	83146J	N.L.
148E	High	1	03-Up	83148J	N.L.
154B	Low/ Reverse	1	03-Up	83154J	N.L.
	GASKETS & O-RINGS				
300I	Pan Gasket	1	03-Up	83300J	N.L.

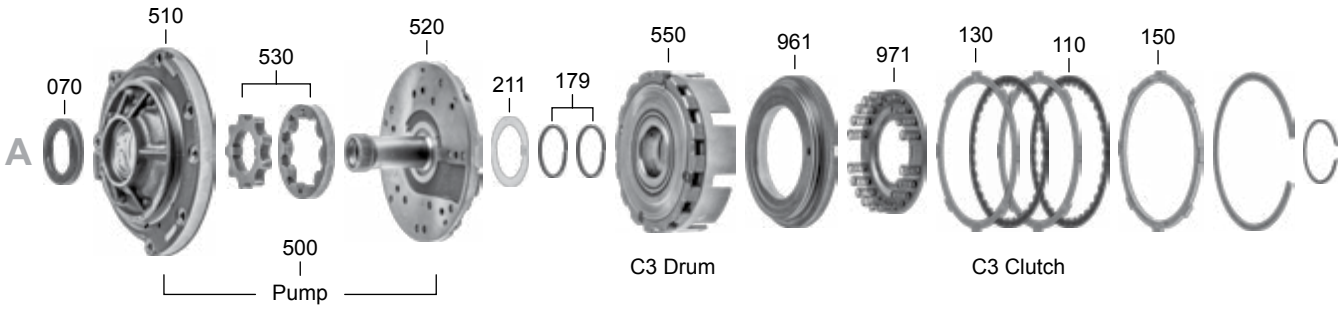
ILL.		QTY.	YEAR	PART No.	REF. No.
ELECTRICAL COMPONENTS					
410J	Switch, MLPS	1	03-Up	83410J	N.L.
436H	Sensor, OSS	1	03-Up	83436J	N.L.
421	Solenoid (Green Connector)	1	03-Up	83421JA	N.L.
421	Solenoid (White Connector)	1	03-Up	83421JB	N.L.
421	Solenoid (Black Connector)	1	03-Up	83421JC	N.L.
421	Solenoid (Brown Connector)	1	03-Up	83421JD	N.L.
446J	Harness w/ Connectors	1	03-Up	83446J	N.L.
PUMPS					
500A	Pump	1	03-Up	83500J	N.L.
510A	Pump Body	1	03-Up	83510J	N.L.
520A	Pump Cover	1	03-Up	83520J	N.L.
530A	Pump Gears	1	03-Up	83530J	N.L.
DRUMS & CLUTCH HUBS					
554C	Drum, Low	1	03-Up	83554J	N.L.
555E	Drum, High	1	03-Up	83555J	N.L.
556F	Drum, Reverse	1	03-Up	83556J	N.L.
575D	Hub, High	1	03-Up	83575J	N.L.
PLANETS					
582D	Planet, Front	1	03-Up	83582J	N.L.
584D	Planet, Rear	1	03-Up	83584J	N.L.
594D	Ring Gear	1	03-Up	83594J	N.L.
SUN GEARS, SHELLS & SUPPORTS					
614D	Sun Gear, Rear	1	03-Up	83614J	N.L.
622D	Sun Gear, Front w/ Flange	1	03-Up	83622J	N.L.
ONE WAY CLUTCHES					
654D	Roller Clutch, Low	1	03-Up	83654J	N.L.
SHAFTS					
670A	Shaft, Input	1	03-Up	83670J	N.L.
GEARS					
710A	Output Gear	1	03-Up	83710J	N.L.
712G	Transfer Gear	1	03-Up	83712J	N.L.
DIFFERENTIALS					
715G	Differential	1	03-Up	83715J	N.L.
VALVE BODIES					
740H	Valve Body	1	03-Up	83740J	N.L.
CASES & HOUSINGS					
750H	Bell Housing	1	03-Up	83750J	N.L.
759G	End Cover	1	03-Up	83759J	N.L.
760J	Case	1	03-Up	83760J	N.L.
765I	Pan	1	03-Up	83765J	N.L.
MISCELLANEOUS COMPONENTS					
902I	Servo	1	03-Up	83902J	N.L.
904H	Servo Cover	1	03-Up	83904J	N.L.
964C	Piston, Low Clutch	1	03-Up	83964J	N.L.
965E	Piston, High Clutch	1	03-Up	83965J	N.L.
966F	Piston, Reverse Clutch	1	03-Up	83966J	N.L.
967B	Piston, Low/ Reverse	1	03-Up	83967J	45432-02700
974C	Return Spring, Low Clutch	1	03-Up	83974J	N.L.
975E	Return Spring, High Clutch	1	03-Up	83975J	N.L.
976F	Return Spring, Reverse Clutch	1	03-Up	83976J	N.L.
977B	Return Spring, Low/ Reverse	1	03-Up	83977J	N.L.
984C	Piston, Low Clutch Balance (Bonded)	1	03-Up	83984J	45432-02700
985E	Retainer, High Clutch	1	03-Up	83985J	N.L.
998I	Cooler	1	03-Up	83998J	N.L.

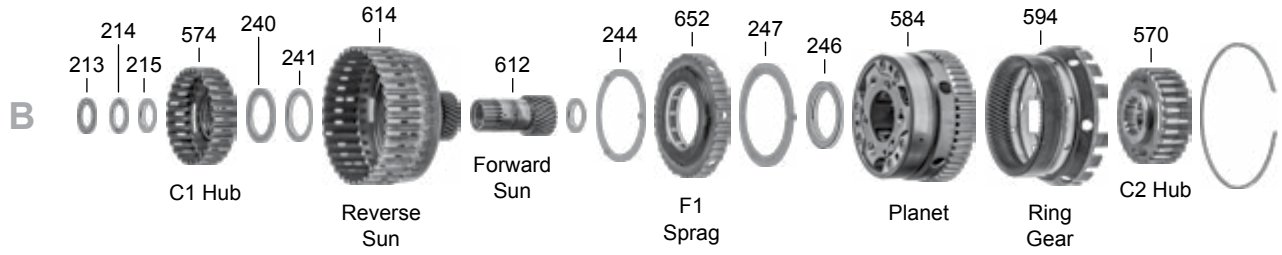
SR410, SR412

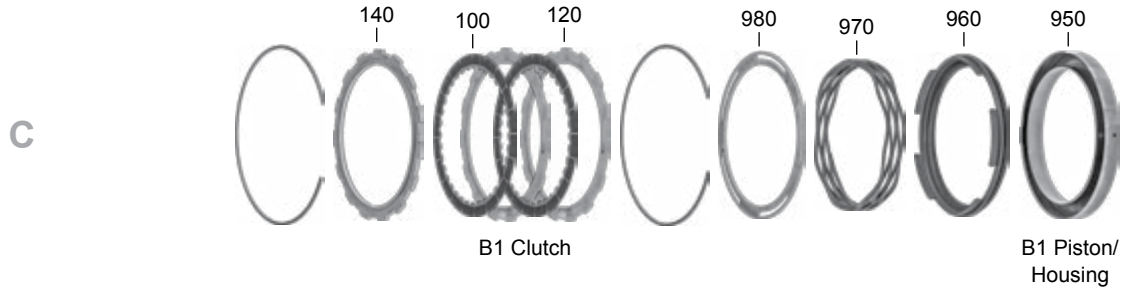
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	SR410, SR412 (w/ Pistons)	1	98-03	109006P	N.L.
	LESS STEEL KITS				
004	SR410, SR412 (w/ Pistons)	1	98-03	109004P	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	SR410, SR412 (w/out Pistons)	1	98-03	109002N	N.L.
	FILTERS				
010	Filter	1	98-03	109010	N.L.
	BUSHINGS				
030	Bushing Kit	1	99-Up	109030	N.L.
	METAL CLAD SEALS				
070	Front (Converter)	1	98-03	109070	N.L.
076	Axle (Japan)	1	98-03	109076	N.L.
076	Axle (Exc. Japan)	1	98-03	109076A	N.L.
	FRICTION PLATES				
108	C1	5	98-03	109108	N.L.
110	B2, C2	8	98-03	109110	N.L.
114	B0, B1	5	98-03	109114	N.L.
	STEEL PLATES				
120	B0 (.110”)	1	98-03	109120	N.L.
120	B0 (.125”)	1	98-03	109120A	N.L.
126	C2	4	98-03	109126	N.L.
128	C1	5	98-03	109128	N.L.
130	B2 (.049”)	3	98-03	109130	N.L.
130	B2 (.118”)	2	98-03	109130A	N.L.
134	B1	4	98-03	109134	N.L.
	PRESSURE PLATES				
147	C2 Backing Plate (.128”)	1	98-03	109147	N.L.
149	C1 Backing Plate (.123”)	1	98-03	109149	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	99-Up	109175	N.L.
178	Input Shaft	2	99-Up	109178	N.L.
179	Stator	2	99-Up	109179	N.L.
	THRUST WASHERS				
211	Stator	1	99-Up	109211	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan	1	98-03	109300	N.L.
305	Gasket, End Cover	1	99-Up	109305	N.L.
318	Gasket, Bell Housing	1	99-Up	109318	N.L.
	PUMPS				
500	Pump	1	99-Up	109500	N.L.
	DRUMS & CLUTCH HUBS				
554	Drum, C1	1	99-Up	109554	N.L.
555	Drum, C2 w/ Input Shaft	1	99-Up	109555	N.L.
	PLANETS				
582	Planet, Front	1	99-Up	109582	N.L.
584	Planet, Rear	1	99-Up	109584	N.L.
594	Ring Gear	1	99-Up	109594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612	Sun Gear, Front	1	99-Up	109612	N.L.
614	Sun Gear, Rear	1	99-Up	109614	N.L.
	VALVE BODIES				
740	Valve Body	1	99-Up	109740	N.L.

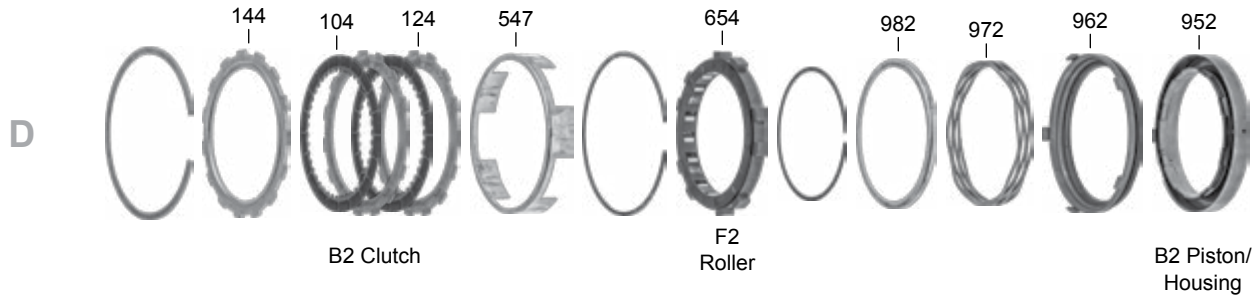
ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
760	Case	1	99-Up	109760	N.L.
765	Bottom Pan	1	99-Up	109765	N.L.
	BONDED PISTONS				
964	C1 (Bonded)	1	98-03	109964	N.L.
965	C2 (Bonded)	1	98-03	109965	N.L.
984	C1 Balance (Bonded)	1	98-03	109984	N.L.
985	C2 Balance (Bonded)	1	98-03	109985	N.L.

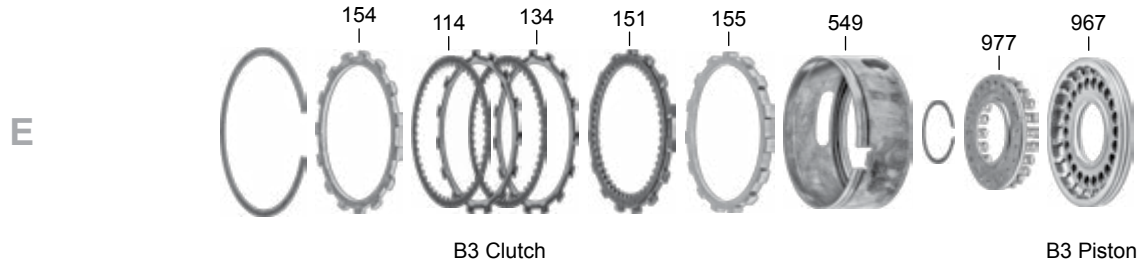
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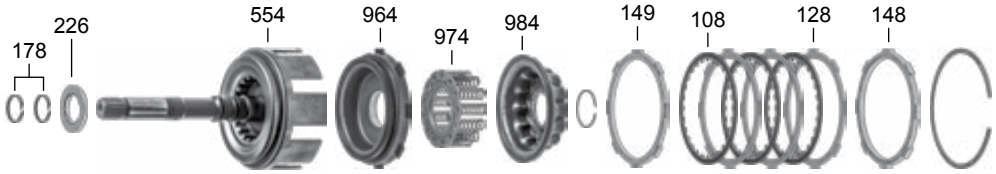

A
510
070
530
520
211
179
550
961
971
130
110
150
500
Pump
C3 Drum
C3 Clutch


B
214
213
215
574
240
241
614
612
244
652
247
246
584
594
570
C1 Hub
Reverse Sun
Forward Sun
F1 Sprag
Planet
Ring Gear
C2 Hub

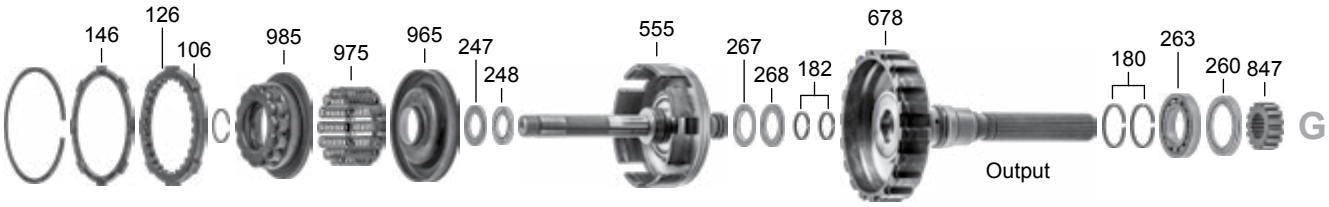

C
140
100
120
980
970
960
950
B1 Clutch
B1 Piston/ Housing


D
144
104
124
547
654
982
972
962
952
B2 Clutch
F2 Roller
B2 Piston/ Housing

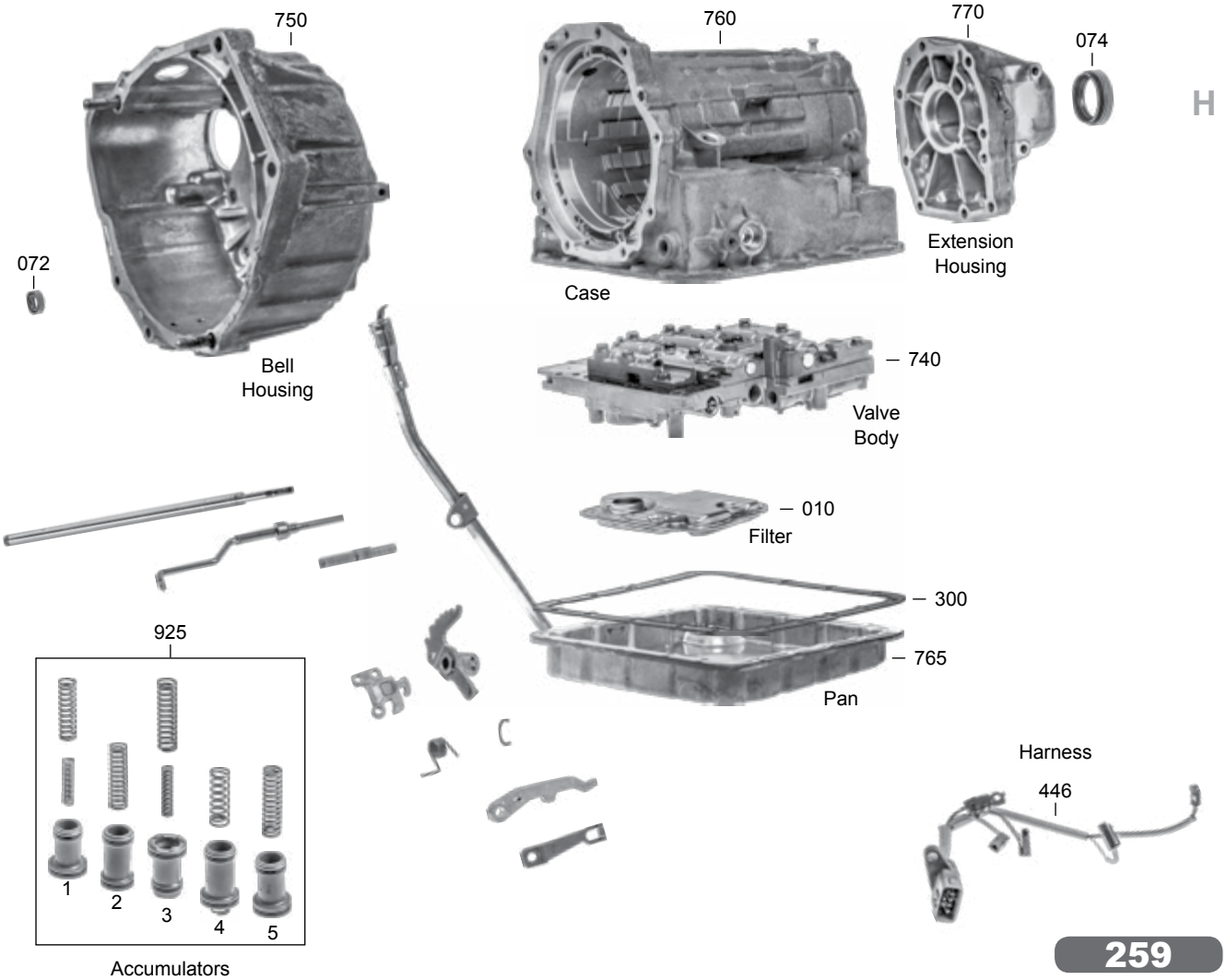

E
154
114
134
151
155
549
977
967
B3 Clutch
B3 Piston


178
226
554
964
974
984
149
108
128
148
C1 Drum
C1 Clutch

F


146
126
106
985
975
965
247
248
555
267
268
182
678
180
263
260
847
Output
C2 Clutch
C2 Drum

G


750
760
770
074
072
Bell Housing
Case
Extension Housing
740
Valve Body
010
Filter
300
765
Pan
925
1
2
3
4
5
Accumulators
Harness
446

H

TW-40E, TW-40LS

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	TW-40E, TW-40LS	1	98-Up	259006	N.L.
	LESS STEEL KITS				
004	TW-40E, TW-40LS	1	98-Up	259004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	TW-40E, TW-40LS	1	98-Up	259002	N.L.
	FILTERS				
010H	Main	1	98-Up	259010	N.L.
	BUSHINGS				
034	Pump	1	98-Up	259034	N.L.
036	Stator (Front)	1	98-Up	259036	N.L.
037	Stator (Rear)	1	98-Up	259037	N.L.
053	Planet	1	98-Up	259053	N.L.
054	Forward Sun Gear	2	98-Up	259054	N.L.
056	Reverse Sun Gear	2	98-Up	259056	N.L.
061	C3 Drum	1	98-Up	259061	N.L.
062	Output Shaft	1	98-Up	259062	N.L.
064	Case	1	98-Up	259064	N.L.
066	Extension Housing	1	98-Up	259066	N.L.
	METAL CLAD SEALS				
070A	Pump	1	98-Up	259070	N.L.
072H	Manual Lever Shaft	2	98-Up	259072	N.L.
074H	Extension Housing (RWD)	1	98-Up	259074A	N.L.
074	Adapter (4WD)	1	98-Up	259074B	N.L.
	FRICTION PLATES				
100C	B1	2	98-Up	259100	N.L.
104D	B2	2	98-Up	259104	N.L.
106G	C2	3	98-Up	259106	N.L.
108F	C1	4	98-Up	259108	N.L.
110A	C3	2	98-Up	259110	N.L.
114E	B3	3	98-Up	259114	N.L.
	STEEL PLATES				
120C	B1	2	98-Up	259120	N.L.
124D	B2	2	98-Up	259124	N.L.
126G	C2	3	98-Up	259126	N.L.
128F	C1	3	98-Up	259128	N.L.
130A	C3	2	98-Up	259130	N.L.
134E	B3	2	98-Up	259134	N.L.
	PRESSURE PLATES				
140C	B1	1	98-Up	259140	N.L.
144D	B2	1	98-Up	259144	N.L.
146G	C2	1	98-Up	259146	N.L.
148F	C1 (Backing Plate)	1	98-Up	259148	N.L.
149F	C1 (Apply Plate)	1	98-Up	259149	N.L.
150A	C3	1	98-Up	259150	N.L.
154E	B3 (Backing Plate)	1	98-Up	259154	N.L.
155E	B3 (Apply Plate)	1	98-Up	259155	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	98-Up	259175	N.L.
178F	Input Shaft	2	98-Up	259178	N.L.
179A	Stator	2	98-Up	259179	N.L.
180G	Output Shaft	2	98-Up	259180	N.L.
182G	C2 Drum	2	98-Up	259182	N.L.
	THRUST WASHERS				
211A	Stator	1	98-Up	259211	N.L.
244B	Sun Gear Shell	1	98-Up	259244	N.L.
247B	Planet	1	98-Up	259247	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
BEARINGS - THRUST					
213B	Race, C1 Hub (Flat)	1	98-Up	259213	N.L.
214B	Bearing, C1 Hub (Front)	1	98-Up	259214	N.L.
215B	Race, C1 Hub (Lip)	1	98-Up	259215	N.L.
226F	Bearing, C1 Drum	1	98-Up	259226	N.L.
240B	Race, C1 Hub (Rear)	1	98-Up	259240	N.L.
241B	Bearing, C1 Hub (Rear)	1	98-Up	259241	N.L.
246B	Bearing, Planet to Sun Gear	1	98-Up	259246	N.L.
247G	Race, C2 Drum (Front)	1	98-Up	259247	N.L.
248G	Bearing, C2 Drum (Front)	1	98-Up	259248	N.L.
260G	Bearing, Output to Case	1	98-Up	259260	N.L.
267G	Race, C2 Drum (Rear)	1	98-Up	259267	N.L.
268G	Bearing, C2 Drum (Rear)	1	98-Up	259268	N.L.
BEARINGS - MISCELLANEOUS					
263G	Roller Bearing, Output Shaft	1	98-Up	259263	N.L.
GASKETS & O-RINGS					
300H	Gasket, Pan	1	98-Up	259300	N.L.
310	Gasket, Pump	1	98-Up	259310	N.L.
311	O-Ring, Pump	1	98-Up	259311	N.L.
320	Gasket Kit, Valve Body	1	98-Up	259320K	N.L.
ELECTRICAL COMPONENTS					
410	Switch, MLPS	1	98-Up	259410	N.L.
421	Solenoid, Shift #1	1	98-Up	259421	N.L.
422	Solenoid, Shift #2	1	98-Up	259422	N.L.
423	Solenoid, Shift #3	1	98-Up	259423	N.L.
431	Solenoid, EPC	1	98-Up	259431	N.L.
436	Sensor, VSS	1	98-Up	259436	N.L.
438	Sensor, ISS	1	98-Up	259438	N.L.
435	Sensor, OSS	1	98-Up	259435	N.L.
446H	Harness w/ Connector	1	98-Up	259446	N.L.
PUMPS					
500A	Pump	1	98-Up	259500	N.L.
510A	Pump Body w/ Gears	1	98-Up	259510	N.L.
520A	Pump Stator	1	98-Up	259520	N.L.
530A	Pump Gears (GEROTOR)	1	98-Up	259530	N.L.
DRUMS & CLUTCH HUBS					
550A	Drum, C3	1	98-Up	259550	N.L.
554F	Drum, C1 w/ Input Shaft	1	98-Up	259554	N.L.
555G	Drum, C2 w/ Shaft	1	98-Up	259555	N.L.
570B	Hub, C2	1	98-Up	259572	N.L.
574B	Hub, C1	1	98-Up	259574	N.L.
PLANETS					
584B	Planet, Compound	1	98-Up	259584	N.L.
594B	Ring Gear	1	98-Up	259594	N.L.
SUN GEARS, SHELLS & SUPPORTS					
612B	Sun Gear, Forward	1	98-Up	259612	N.L.
614B	Sun Gear, Reverse w/ Shell	1	98-Up	259614	N.L.
ONE WAY CLUTCHES					
652B	Sprag, F1	1	00-Up	297652	N.L.
654D	Roller Clutch, F2	1	00-Up	297654	N.L.
SHAFTS					
678C	Output Shaft	1	98-Up	259678	N.L.
VALVE BODIES					
740H	Valve Body	1	98-Up	259740	N.L.

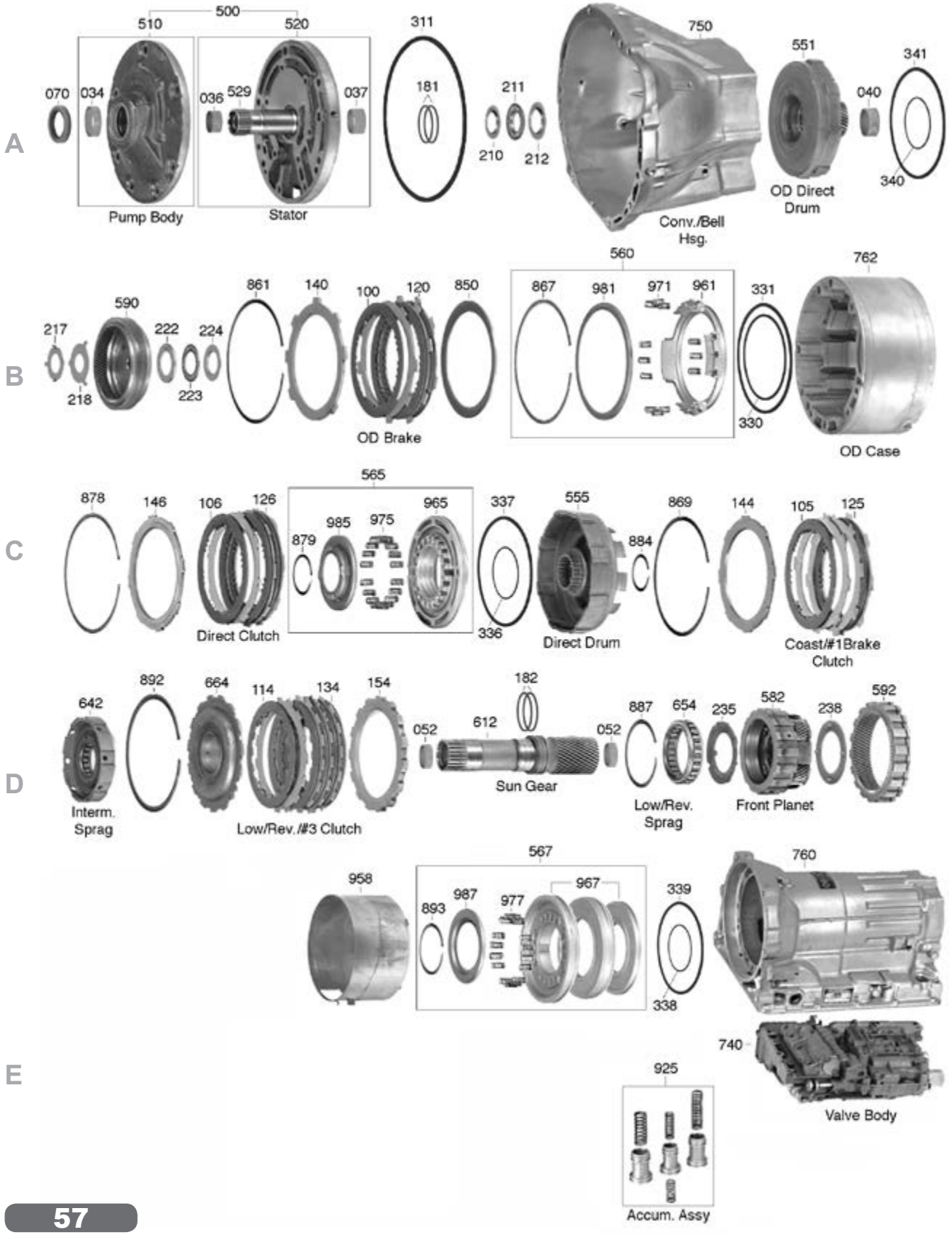
TW-40E, TW-40LS

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750H	Bell Housing	1	98-Up	259750	N.L.
760H	Case	1	98-Up	259760	N.L.
765H	Bottom Pan	1	98-Up	259765	N.L.
770H	Extension Housing (2WD)	1	98-Up	259770A	N.L.
770H	Adapter (4WD)	1	98-Up	259770B	N.L.
	MISCELLANEOUS COMPONENTS				
547D	Apply Ring, B2	1	98-Up	259547	N.L.
549E	Apply Ring, B3	1	98-Up	259549	N.L.
847D	Reluctor, Output	1	98-Up	259847	N.L.
925H	Piston, Accumulator (# 1)	1	98-Up	259925A	N.L.
925H	Piston, Accumulator (# 2)	1	98-Up	259925B	N.L.
925H	Piston, Accumulator (# 3)	1	98-Up	259925C	N.L.
925H	Piston, Accumulator (# 4)	1	98-Up	259925D	N.L.
925H	Piston, Accumulator (# 5)	1	98-Up	259925E	N.L.
950C	Support, B1	1	98-Up	259950	N.L.
952D	Support, B2	1	98-Up	259952	N.L.
960C	Piston, B1	1	98-Up	259960	N.L.
961A	Piston, C3	1	98-Up	259961	N.L.
962D	Piston, B2	1	98-Up	259962	N.L.
964F	Piston, C1	1	98-Up	259964	N.L.
965G	Piston, C2	1	98-Up	259965	N.L.
967E	Piston, B3	1	98-Up	259967	N.L.
970C	Return Spring, B1	1	98-Up	259970	N.L.
971A	Return Spring, C3	1	98-Up	259971	N.L.
972D	Return Spring, B2	1	98-Up	259972	N.L.
974F	Return Spring, C1	1	98-Up	259974	N.L.
975G	Return Spring, C2	1	98-Up	259975	N.L.
977E	Return Spring, B3	1	98-Up	259977	N.L.
980D	Retainer, B1 Piston	1	98-Up	259980	N.L.
982D	Retainer, B2 Piston	1	98-Up	259982	N.L.
984F	Retainer, C1 Piston	1	98-Up	259984	N.L.
985G	Retainer, C2 Piston	1	98-Up	259985	N.L.

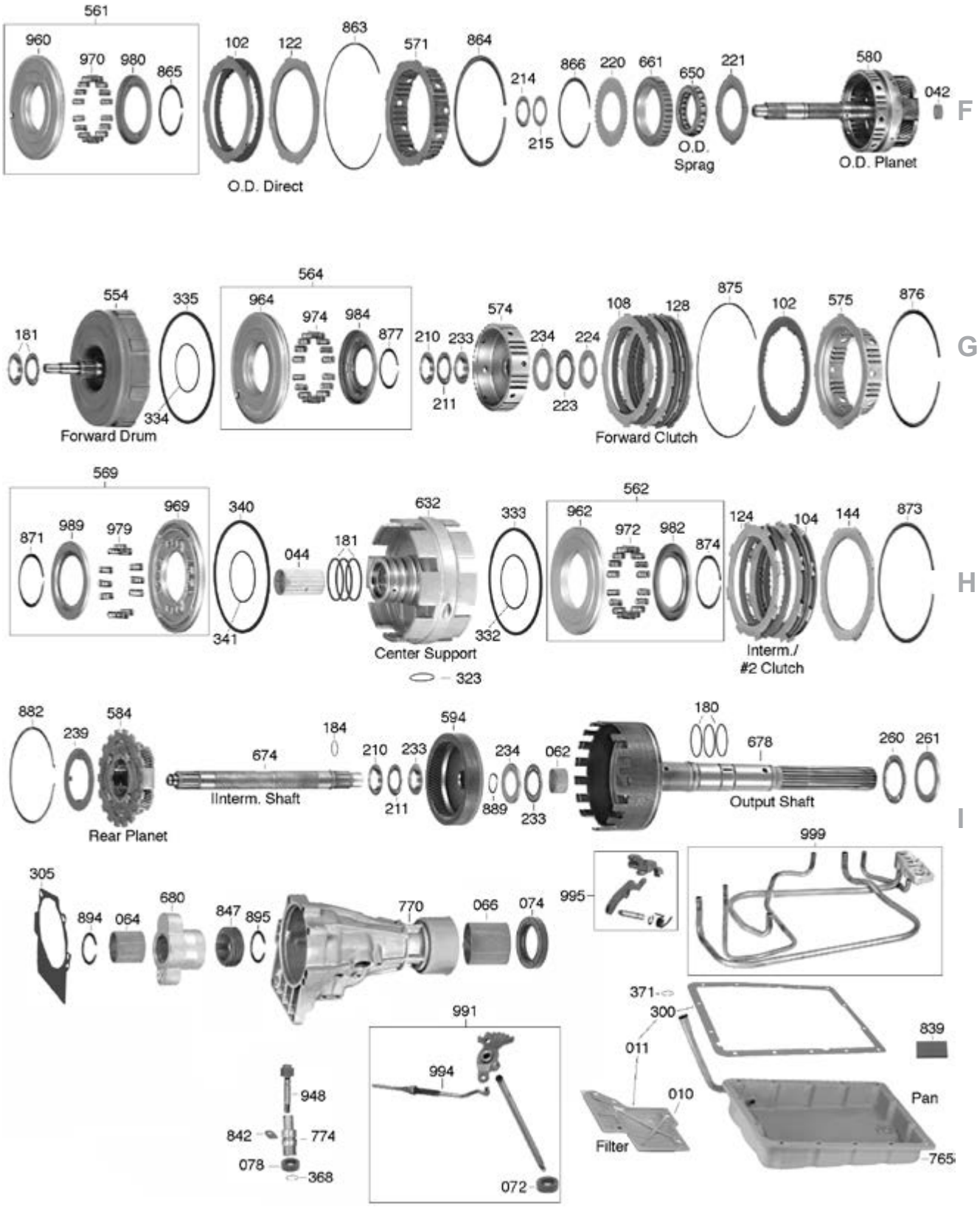
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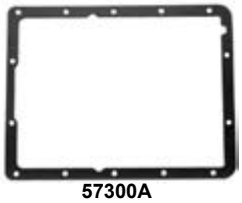
A40 SERIES



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A40 SERIES


57300A


57010A


57010C


57010D


57010E


57010H

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A40, A41, A43	1	73-Up	57006AF	N.L.
006	A40D, A42D, A43D, A44D	1	76-Up	57006CCF	N.L.
006	A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL (Flat Fwd, Dir, L/Rev Frictions) (8/81-Up)	1	L81-Up	57006HCF	N.L.
006	A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL (Waved Fwd, Dir, L/Rev Frictions) (8/81-Up)	1	L81-Up	57006HDF	N.L.
006	A46DE, A46DF	1	90-95	57006PF	N.L.
006	AW55	1	73-Up	57006AF	N.L.
006	AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074)	1	76-Up	57006CCF	N.L.
006	AW70L, AW71L, AW72L (Lock-up) (8/81-Up)	1	L81-Up	57006HCF	N.L.
006	BW55 (Volvo)	1	74-81	57006YF	N.L.
	LESS STEEL KITS				
004	A40, A41, A43	1	73-Up	57004AF	N.L.
004	A40D, A42D, A43D, A44D	1	76-Up	57004CCF	N.L.
004	A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL (Flat Fwd, Dir, L/Rev Frictions) (8/81-Up)	1	L81-Up	57004HCF	N.L.
004	A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL (Waved Fwd, Dir, L/Rev Frictions) (8/81-Up)	1	L81-Up	57004HDF	N.L.
004	A46DE, A46DF	1	90-95	57004PF	N.L.
004	AW55	1	73-Up	57004AF	N.L.
004	AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074)	1	76-Up	57004CCF	N.L.
004	AW70L, AW71L, AW72L (Lock-up) (8/81-Up)	1	L81-Up	57004HCF	N.L.
004	BW55 (Volvo)	1	74-81	57004YF	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A40, A41, A43	1	73-Up	57002AF	N.L.
002	A40D, A42D, A43D, A44D	1	76-Up	57002CCF	N.L.
002	A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL (8/81-Up)	1	L81-Up	57002ECF	N.L.
002	A46DE, A46DF	1	90-95	57002ECF	N.L.
002	AW55	1	73-Up	57002AF	N.L.
002	AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074)	1	76-Up	57002CCF	N.L.
002	AW70L, AW71L, AW72L (Lock-up) (8/81-Up)	1	L81-Up	57002ECF	N.L.
002	BW55 (Volvo)	1	74-81	57002YF	N.L.
	FILTER KITS				
011	A40, A41, A43, AW55, BW55	1	73-Up	57011A	N.L.
011	A40D	1	76-Up	57011C	N.L.
011	A42D, A43D, A44D, AW70, AW71, AW72	1	76-Up	57011D	N.L.
011	A42DL, A43DL, A44DL, A45DL, A45DF (8/81-Up)	1	L81-Up	57011E	N.L.
011	A43DE, A44DE, A46DE	1	83-Up	57011H	N.L.
	FILTERS				
010I	A40, A41, A43, AW55, BW55	1	73-Up	57010A	35303-22020
010I	A40D	1	76-Up	57010C	35303-30031
010I	A42D, A43D, A44D, AW70, AW71, AW72	1	76-Up	57010D	35303-30050
010I	A42DL, A43DL, A44DL, A45DL, A45DF (8/81-Up)	1	L81-Up	57010E	35303-14010
010I	A43DE, A44DE, A46DE	1	83-Up	57010H	35383-30080
	BUSHINGS				
030	Bushing Kit, A40, A41, A43, AW55	1	73-Up	57030A	N.L.
030	Bushing Kit, A40D, A42D Series, AW70	1	78-Up	57030D	K57902B
030	Bushing Kit, A43D, A44D, A45D, A46D Series, AW71	1	80-Up	57030DA	N.L.
034A	Pump Body	1	73-Up	57034A	N.L.

A40 SERIES

ILL.		QTY.	YEAR	PART No.	REF. No.
	METAL CLAD SEALS				
070A	Front	1	73-Up	57070A	90311-38077
074I	Rear (38mm x 58mm x 11mm) A40, A41, A43 (Toyota)	1	73-Up	57074A	90311-38040
074I	Rear (35mm x 49.2mm x 11mm) A40D, A42D, A43D (Isuzu)	1	81-85	57074AD	5096250090
074I	Rear (38.0mm x 58.0mm x 11mm) (Mazda)	1	86-Up	57074A	90311-38040
074I	Rear (38.5mm x 49.2mm x 8mm) A42D, A42DL, AW71 (Isuzu)	1	86-Up	57074D	8941556730
074I	Rear (39.5mm x 57.1mm x 13.2mm) A44D, A44DL (Mitsubishi)	1	73-Up	57074J	MR446308
074I	Rear (36mm x 49.5mm x 11mm) AW55, BW55, AW70-72 (Volvo)	1	73-Up	29074	0435-044002
078I	Speed-O Shaft (Exc. Volvo)	1	73-Up	57078A	90310-09001
078I	Speed-O Shaft (Volvo)	1	81-Up	57078Y	380192-5
	FRICTION PLATES				
100B	Overdrive Brake (.067") (33T)	3	82-Up	67100A	35677-30040
100B	Overdrive Brake (.091") (24T)	3	73-Up	57102AA	35677-30030
100B	Overdrive Brake (.091") (44T)	3	79-81	57102B	35677-30010
102F	Overdrive (Direct)	1	73-Up	57102AA	35677-30030
104H	Intermediate (Brake #2) (.091")	2-3	73-Up	57102AA	35677-30030
104H	Intermediate (Brake #2) (.079")	2-3	85-Up	57102A	35677-22060
105C	Intermediate Overrun (Brake #1)	1-3	73-Up	57102AA	35677-30030
106C	Direct	3-4	73-Up	57102AA	35677-30030
106C	Direct (Waved)	AR	73-Up	57102AB	35667-22020
108G	Forward (.079")	3-4	81-97	57102A	35677-22060
108G	Forward (.091")	3-4	73-Up	57102AA	35677-30030
108G	Forward (.091") (Waved)	AR	73-Up	57102AB	35667-22020
114D	Low/ Reverse (Brake #3) (16T)	4-5	73-Up	57114A	25633-22030
114D	Low/ Reverse (Brake #3) (16T) (Waved)	AR	73-Up	57114AW	35633-30030
	STEEL PLATES				
120B	Overdrive Brake (.071") (8 Short Teeth)	2-3	77-Up	57122AA	35634-22040
120B	Overdrive Brake (.071") (8 Long Teeth)	4	81-97	57124AA	35634-22060
120B	Overdrive Brake (.078") (7T)	2-3	81-Up	57124D	35634-30080
120B	Overdrive Brake (.091") (7T)	1-3	84-Up	57124E	35634-30010
122F	Overdrive (Direct) (.071")	1-2	77-Up	57122AA	35634-22040
122F	Overdrive (Direct) (.079")	1	88-97	57122A	35634-30070
124H	Intermediate (Brake # 2) (.071") (8 Long Teeth)	2-4	73-Up	57124AA	35634-22060
124H	Intermediate (Brake # 2) (.078") (8 Short Teeth)	1-3	80-Up	57124A	35648-30010
124H	Intermediate (Brake # 2) (.091") (8T)	3	74-Up	57124B	35648-30020
124H	Intermediate (Brake # 2) (.118") (8T)	2	85-Up	57124C	35648-22010
125C	Overrun (Brake # 1) (.071") (8 Long Teeth)	1-3	73-Up	57124AA	35634-22060
125C	Overrun (Brake # 1) (.078") (8 Short Teeth)	1-3	73-Up	57124A	35648-30010
126C	Direct (.071")	2-3	73-Up	57122AA	35634-22040
126C	Direct (.078")	3-4	80-Up	57122A	35634-30070
126C	Direct (.091")	2	73-Up	57122QA	35634-30120
128G	Forward (.055")	1-4	81-Up	57122AB	35634-30090
128G	Forward (.071")	3-4	73-Up	57122AA	35634-22040
128G	Forward (.078")	3-4	80-Up	57122A	35634-30070
128G	Forward (.091")	AR	73-Up	57122QA	35634-30120
134D	Low/ Reverse (Brake # 3) (Exc. A46DE, DF)	4-5	73-Up	57134A	35634-22050
134D	Low/ Reverse (Brake # 3) (A46DE, DF)	4	73-Up	57134Q	35647-22010
	SEALING RINGS				
175E	Ring Kit, A40, A41, A43, AW55, BW55	1	73-Up	57175A	N.L.
175E	Ring Kit, A40D to A46DE	1	76-Up	57175C	N.L.
175E	Ring Kit, A42D to A45DL	1	82-Up	57175H	K57901C
	GASKETS & O-RINGS				
300I	Gasket, Bottom Pan (Cork)	1	73-Up	57300A	35168-22011
300I	Gasket, Bottom Pan (Fiber)	1	73-Up	57300AF	35168-22011
305I	Gasket, Extension Housing	1	73-Up	57305A	35182-22010
311A	D-Ring, Pump (D Ring)	1	73-79	57311A	35147-22010
311A	O-Ring, Pump (O Ring)	1	79-Up	57311AA	90301-99010
311A	O-Ring, Overdrive Housing to Case	1	73-Up	57311C	90301-99006
326I	Filter Gasket, A40, A41, A43, BW55	1	73-Up	57326A	04550-45007P
326I	Filter Gasket, A40D	1	73-Up	57326C	35339-30030
326I	Filter Gasket, A42D	1	73-Up	57326D	35339-30050
326I	Filter Gasket, A42DL, A43DL	1	73-Up	57326E	35339-14010
326I	Filter Gasket, A43DE	1	73-Up	57326H	35339-30060

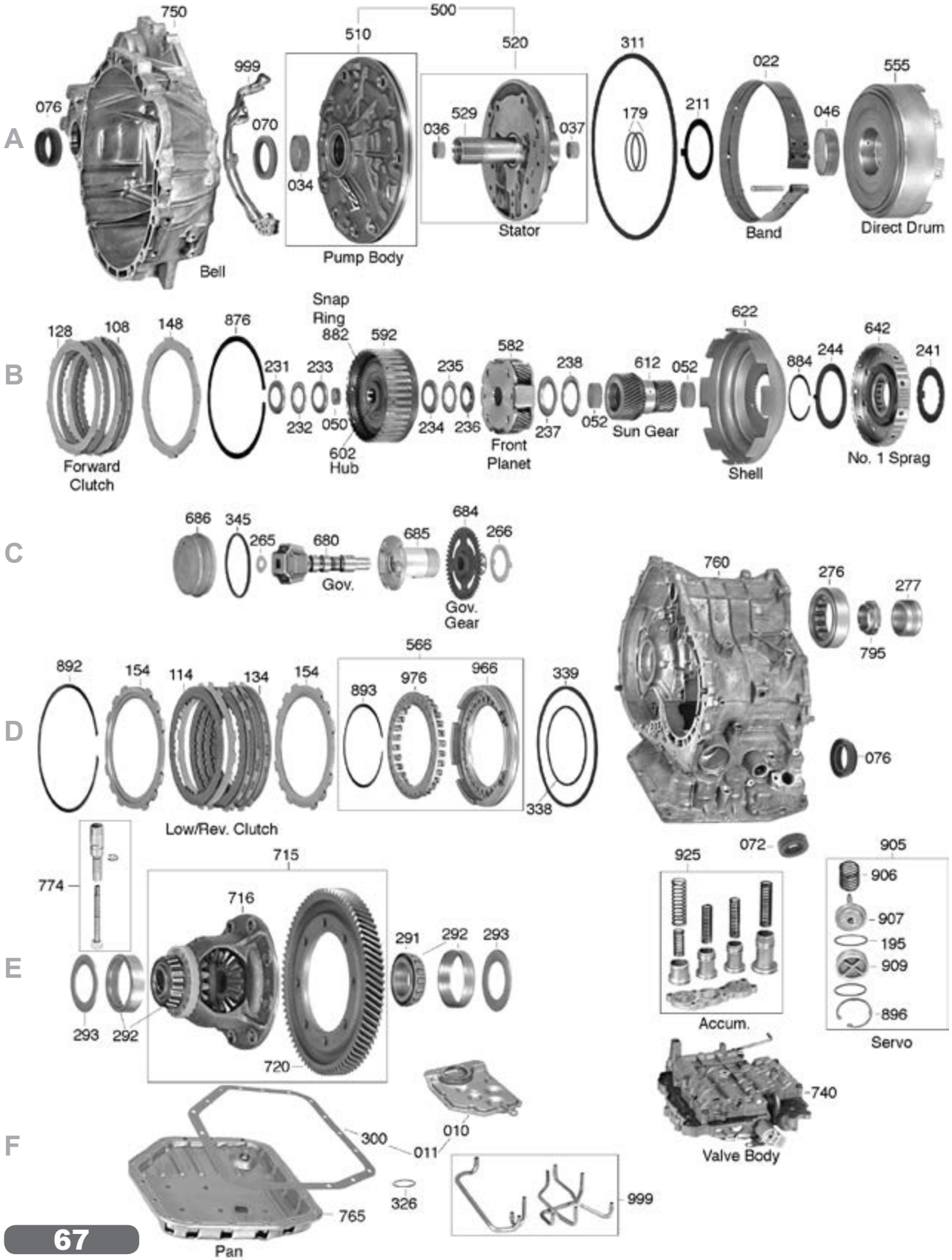
A40 SERIES

ILL.		QTY.	YEAR	PART No.	REF. No.
	TECHNICAL MANUALS				
400E	Tech Manual, A40 Series	1	73-Up	57400A	83-TOY40TM
	ELECTRICAL COMPONENTS				
427	Solenoid, Overdrive A42D, A43D (Mounts on Side of Case)	1	83-Up	57427P	85420-22060
	PUMPS				
500A	Pump (2.938" Long Stator) (A42DL, 43DE, 43DL, 44DL)	1	81-Up	57500E	N.L.
500A	Pump (3.625" Long Stator) (A40D, 42D)	1	76-Up	57500CA	N.L.
529	Stator Shaft, Presses in Stator (A41, A42DL, A43D, A43DL, A44D)	1	76-Up	57529B	N.L.
	DRUMS & CLUTCH HUBS				
554G	Forward Drum w/ Shaft, A40	1	73-Up	57554A	35701-22011
555C	Direct Drum, A40, A40D, BW55	1	73-Up	57555A	N.L.
555C	Direct Drum, A40D, A43DE, A44D	1	73-Up	57555CA	N.L.
	ONE WAY CLUTCHES				
650F	Overdrive (18 Elements)	1	79-81	57652D	35791-30020
650F	Overdrive (20 Elements)	1	81-Up	57650D	35791-30030
650F	Overdrive (22 Elements)	1	87-Up	57650R	35791-28010
642D	Intermediate (18 Elements)	1	73-Up	57652D	35791-30020
654D	Low (3 Speeds)	1	73-81	57654A	35792-22020
654D	Low (4 Speeds Exc. 44DL)	1	81-Up	57654B	35792-30010
654D	Low (4 Speeds 44DL)	1	85-Up	57654J	35792-30030
	MISCELLANEOUS COMPONENTS				
741E	Boost Valve & Sleeve, .404" (A43DE)	1	73-Up	57741FB	67754F-05K
741E	Boost Valve & Sleeve, .445" (A43DE)	1	73-Up	57741F	67754F-01K

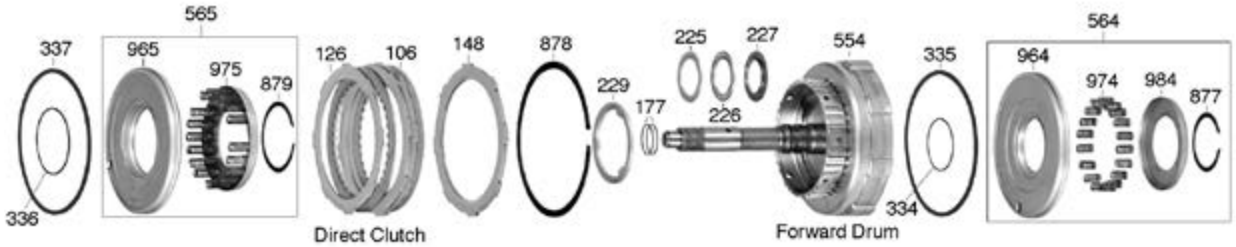
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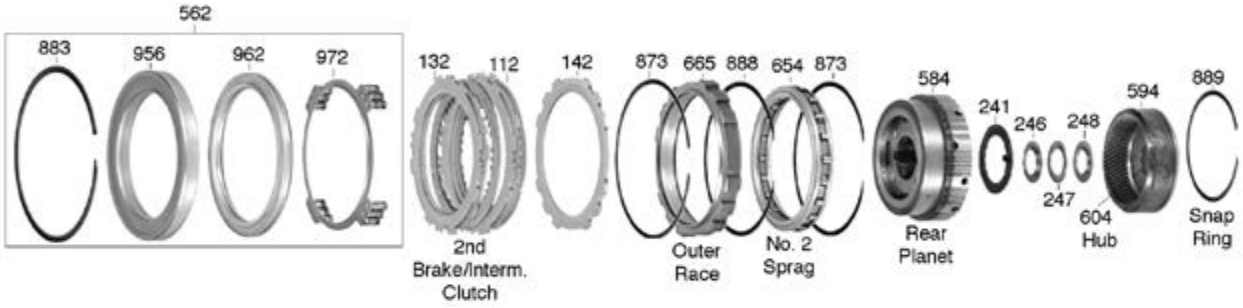
A130, A140, A240, MX17



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Direct Clutch
Forward Drum

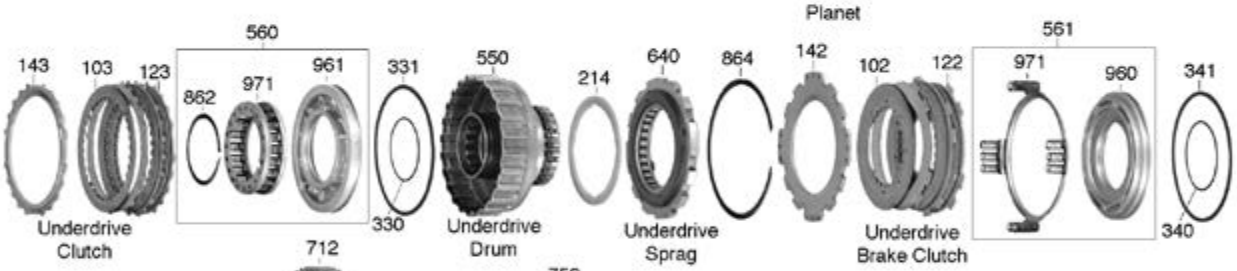
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Outer Race
No. 2 Sprag
Rear Planet

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Pinion w/Flange
Counter Shaft
Ring Gear
Underdrive Planet
Sun Gear

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Underdrive Clutch
Underdrive Drum
Underdrive Sprag
Underdrive Brake Clutch

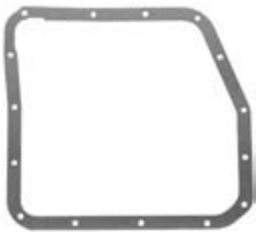
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796
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Support
Rear Cover
Interm. Shaft w/Drive Gear
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67300B



67010B



67010BA

ILL.		QTY.	YEAR	PART No.	REF. No.
COMPLIANCE KITS (CALIFORNIA KITS)					
007	A130, A131, A132	1	83-94	67007BF	N.L.
007	A140E, A140L (87-2/94)	1	87-E94	67007CAF	N.L.
MASTER OVERHAUL KITS (WITH STEELS)					
006	A130, A131, A132	1	83-94	67006BF	N.L.
006	A132L	1	95-Up	67006BBF	N.L.
006	A140E, A140L, A141E (MR2)	1	83-86	67006CF	N.L.
006	A140E, A140L (87-2/94)	1	87-E94	67006CAF	N.L.
006	A140E, A140L (2/94-01)	1	L94-01	67006CBF	N.L.
006	A240, A241, A242, A243, A244 (A241H also order 87001)	1	85-99	67006DF	N.L.
006	A245E, A246E, A247E	1	93-02	67006DAF	N.L.
006	A245E, A246E	1	03-Up	67006EF	N.L.
006	MX17 (Exc. Daihatsu)	1	85-Up	67006AF	N.L.
LESS STEEL KITS					
004	A130, A131, A132	1	83-94	67004BF	N.L.
004	A132L	1	95-Up	67004BBF	N.L.
004	A140E, A140L, A141E (MR2)	1	83-86	67004CF	N.L.
004	A140E, A140L (87-2/94)	1	87-E94	67004CAF	N.L.
004	A140E, A140L (2/94-01)	1	L94-01	67004CBF	N.L.
004	A240, A241, A242, A243, A244 (A241H also order 87001)	1	85-99	67004DF	N.L.
004	A245E, A246E, A247E	1	93-02	67004DAF	N.L.
004	A245E, A246E	1	03-Up	67004EF	N.L.
004	MX17 (Exc. Daihatsu)	1	85-Up	67004AF	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	A130, A131, A132, A132L	1	83-Up	67002BF	N.L.
002	A140E, A140L, A141E (MR2)	1	83-Up	67002CF	N.L.
002	A240, A241, A242, A243, A244 (A241H also order 87001)	1	85-99	67002DF	N.L.
002	A245E, A246E, A247E	1	93-02	67002DAF	N.L.
002	A245E, A246E	1	03-Up	67002EF	N.L.
002	MX17 (Exc. Daihatsu)	1	85-Up	67002AF	N.L.
002	MX17 (Daihatsu)	1	87-Up	67002ABF	N.L.
SUB KITS					
001	A241H Transfer Case Sub Kit	1	88-Up	87001	N.L.
FILTER KITS					
011	A130, A140 (2wd w/ Rectangle Pick-Up Opening .500" X 2.250")	1	83-Up	67011BA	N.L.
011	A130, A140 (2wd w/ Square Pick-Up Opening 2" X 2.250")	1	83-Up	67011B	N.L.
011	A240, A241, A242, A243, A244 (Exc. A241 Awd)	1	85-Up	67011D	N.L.
011	A245, A246, A247	1	93-02	67011DA	N.L.
011	A245	1	03-Up	67011DB	N.L.
011	MX17 (Exc. Daihatsu)	1	85-Up	67011A	N.L.
FILTERS					
010F	A130, A140 (2wd w/ Square Pick-Up Opening 2" X 2.250")	1	83-Up	67010B	35330-32010
010F	A130, A140 (2wd w/ Rectangle Pick-Up Opening .500" X 2.250")	1	83-Up	67010BA	35330-20H20
010F	A240, A241, A242, A243, A244 (Exc. A241 Awd)	1	85-Up	67010D	35330-12010
010F	A245, A246, A247	1	93-02	67010DA	35330-12030
010F	A245	1	03-Up	67010DB	N.L.
010F	MX17 (Exc. Daihatsu)	1	85-Up	67010A	96053975

A130, A140, A240, MX17

ILL.		QTY.	YEAR	PART No.	REF. No.
	BANDS				
022A	Band (1" Wide) (A130, A140, A240)	1	83-Up	67022B	35810-32020
022A	Band (1.250" Wide) (MX17)	1	85-Up	67022A	96054009
	BUSHINGS				
030	Bushing Kit (A130)	1	83-Up	67030B	N.L.
030	Bushing Kit (A140)	1	83-Up	67030C	N.L.
030	Bushing Kit (A240)	1	85-Up	67030D	N.L.
030	Bushing Kit (MX17) (67046AA Not Included)	1	85-Up	67030B	N.L.
034A	Pump Body (All)	1	83-Up	57034A	N.L.
036A	Stator (Front) (All)	1	83-Up	57036C	N.L.
037A	Stator (Rear) (All)	1	83-Up	67037A	N.L.
038	Overdrive Sun Gear, A140 (Front)	1	83-Up	67038C	90384-22015
038	Overdrive Sun Gear, A140 (Rear)	1	83-Up	67038CA	90384-22014
046A	Direct Drum (1.855" ID)	1	83-Up	67046A	N.L.
046A	Direct Drum (2.030" ID)	1	87-Up	67046AA	N.L.
050B	Input Hub (All)	1	83-Up	67050B	N.L.
052B	Sun Gear (All)	2	83-Up	67052A	N.L.
	METAL CLAD SEALS				
070A	Pump (All)	1	83-Up	57070A	90311-38077
072D	Linkage (All)	1	83-Up	60072	91209612003
076D	Transfer Shaft Seal (All Exc A240E/L)	2	83-Up	67076BB	90311-34003
076D	Axle, Right (2.137" OD) (A141E, A240-246 33 x 54mm)	1	83-Up	67076B	90311-34012
076D	Axle, Right (2.145" OD) (A131L, A132L)	1	83-Up	67076A	96054039
076D	Axle, Right (2.180" OD) (A130L, A140E/L, A240-246 35 x 55mm)	1	83-Up	67076BA	90311-35019
076D	Axle, Right (2.492" OD) (A240-246 33 x 54mm)	1	83-Up	67076BC	90311-34026
076A	Axle, Left (A130L)	1	83-Up	67076BA	90311-35019
076A	Axle, Left (A131L, A132L) (83-2/98)	1	83-E98	67076B	90311-34012
076A	Axle, Left (A131L, A132L) (3/98-Up)	1	L98-Up	67077	90311-34022
076A	Axle, Left (A140, A240) (1.898" OD)	1	83-Up	67076BB	90311-34003
076A	Axle, Left (A140, A240) (2.137" OD)	1	83-Up	67076B	90311-34012
076A	Axle, Left (A140, A240) (2.180" OD)	1	83-Up	67076BA	90311-35019
076A	Axle, Left (A140, A240) (2.492" OD)	1	83-Up	67076BC	90311-34026
076A	Axle, Left (A241, 243, 247)	1	85-Up	67076BD	90311-35020
076A	Axle, Left (Awd) (A241)	1	85-Up	67077D	9031144003/4
076A	Axle, Left (MX17)	2	83-Up	67076A	96054039
078	Speed-O-Gear (All)	1	83-Up	57078A	90310-09001
	FRICTION PLATES				
100	Overdrive Brake (.067") (33T) (83-7/86)	3	83-E86	67100A	35677-30040
100	Overdrive Brake (.075") (24T) (8/86-Up)	2	L86-Up	67100C	35677-20010
102	Overdrive Direct (.067") (40T) (83-7/86)	2	83-E86	67106A	35633-32010
102	Overdrive Direct (.075") (40T) (8/86-Up)	2	L86-Up	67106C	35633-32031
102J	Underdrive #2 Brake (.067") (33T) (A240, A241, A242, A243, A244)	3	85-Up	67102D	34262-12010
102J	Underdrive #2 Brake (.067") (33T) (A245, A246, A247)	3	93-Up	67102DA	34262-12030
103J	Underdrive #1 Direct (.075") (34T)	3-4	85-Up	67103C	34261-12020
106G	Direct (.067")	2-3	83-Up	67106A	35633-32010
106G	Direct (.075")	2-3	83-Up	67106C	35633-32031
108B	Forward (.067")	3-4	83-Up	67106A	35633-32010
112H	2nd Brake (Coast) (.067")	3	83-Up	67100A	35677-30040
112H	2nd Brake (Coast) (.075")	2-3	83-Up	67100CA	35677-32050
114D	3rd Brake (Low/ Reverse) (.059") (33T) (Exc. A245, A246, A247)	5-6	93-Up	67100B	35677-32060
114D	3rd Brake (Low/ Reverse) (.067") (33T) (Exc. A245, A246, A247)	4-6	83-Up	67100A	35677-30040
114D	3rd Brake (Low/ Reverse) (.069") (33T) (A245, A246, A247)	5-6	93-Up	67100D	35677-12060
N.I.	Differential (.075") (34T)	7	88-92	67103C	34261-12020
	STEEL PLATES				
120	Overdrive Brake (.071") (83-7/86)	3	83-E86	67120C	35648-32020
120	Overdrive Brake (.071") (8/86-Up)	3	L86-Up	67120CA	35648-20010
120	Overdrive Brake (.098")	AR	88-Up	67120CB	35648-32040
122	Overdrive Direct (8T) (83-7/86)	2-3	83-E86	67122A	35634-32010
122	Overdrive Direct (20T) (8/86-Up)	2	L86-Up	67122C	35634-20010
122J	Underdrive #2 Brake (3.150" ID)	3	83-Up	67122D	34264-12010
122J	Underdrive #2 Brake (3.425" ID)	3	93-Up	67122DA	34264-12020
123J	Underdrive #1 Direct	3-4	85-Up	67121D	34263-12010
126G	Direct	2-3	83-Up	67122A	35634-32010
128B	Forward	3-4	83-Up	67122A	35634-32010

A130, A140, A240, MX17

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES (Cont.)				
132H	2nd Brake (Coast)	3-4	83-Up	67120B	35648-32010
134D	3rd Brake (Low/ Reverse) (Exc. A245, 246, 247) (4.580" ID")	5-8	83-Up	67120C	35648-32020
134D	3rd Brake (Low/ Reverse) (A245, 246, 247)(4.921" ID)	6	93-Up	67130D	35648-12020
N.I.	Differential	8	88-92	67121D	34263-12010
	PRESSURE PLATES				
148B,G	Forward & Direct (3.00mm)	1-2	83-Up	67146AA	35675-32010
148B,G	Forward & Direct (3.20mm)	1-2	83-Up	67146AB	35675-12010
148B,G	Forward & Direct (3.37mm)	1-2	83-Up	67146A	35675-32020
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit® (A245, A246) (Transgo®)	1	94-08	T67165D	SK®A246
165	Reprogramming Kit™ (A245E) (Transgo®)	1	83-Up	T67169D	A245E-HD
	SEALING RINGS				
175K	Ring Kit (A130)	1	83-Up	67175B	N.L.
175K	Ring Kit (A140, 240)	1	83-Up	67175C	N.L.
	THRUST WASHERS				
200	Washer Kit (A130)	1	83-Up	67200B	N.L.
200	Washer Kit (A140)	1	83-Up	67200C	N.L.
200	Washer Kit (A240)	1	83-Up	67200D	N.L.
200	Washer Kit (MX17, A210)	1	83-Up	67200A	N.L.
211A	Stator to Direct Drum (Exc. 87-Up MX17)	1	83-Up	67211AA	35616-32010
211A	Stator to Direct Drum (87-Up MX17)	1	87-Up	67211A	35616-32010
217	Overdrive Planet, Bronze (.060")	1	83-Up	67217A	N.L.
217	Overdrive Planet, Bronze (.110")	1	83-Up	57217	34737-20011
229B	Direct Drum to Forward Drum (3 Tab) (Exc. 87-Up MX17)	1	83-Up	67229A	35616-32021
229B	Direct Drum to Forward Drum (3 Tab) (87-Up MX17)	1	87-Up	67229AA	96057151
241C	Rear Planet to Rear Ring Gear Hub (Plastic)	1	83-Up	67241A	35738-12010
244F	Shell to Sprag (2.750" OD) (Plastic)	1	83-Up	67244A	35739-32011
299	Parking Gear (A240)	1	85-Up	57299	34391-12010
	BEARINGS & RACES				
219I	Bearing w/ Race, Overdrive Drum to Cover	1	83-Up	67219CA	90374-28013
221I	Race, Overdrive Drum to Case Cover (Rear)	1	83-Up	67221C	35789-20020
274J	Bearing w/ Race, Differential Drive Pinion Cone (Front) (18 Rollers)	1	83-Up	87274B	90366-36003
274J	Bearing w/ Race, Pinion (20 Rollers)	1	83-Up	67274BA	90366-35084
274J	Bearing w/ Race, Pinion (21 Rollers)	1	83-Up	67274BB	90366-35090
281H	Bearing, Transfer Driven (A130, A140)	1	83-Up	67281B	90366-40010
292D	Bearing, Differential (A130 Corolla Gas) (Both Sides)	2	83-Up	67292B	90368-38002
289J	Bearing, Differential (A140 Ring Gear Side)	1	83-Up	67289CA	90366-44001
292J	Bearing, Differential (A140 Speed-O Side) (87-Up)	1	87-Up	67292CB	90366-40016
	GASKETS & O-RINGS				
300F	Gasket, Bottom Pan (A130, A140) (Cork)	1	83-Up	67300B	35168-32010
300F	Gasket, Bottom Pan (A130, A140) (Fiber)	1	83-Up	67300BF	35168-32010
300F	Gasket, Bottom Pan (A240, A241, A242, A243, A244) (Cork)	1	85-99	67300D	35168-12020
300F	Gasket, Bottom Pan (A240, A241, A242, A243, A244) (Fiber)	1	85-99	67300DF	35168-12020
300F	Gasket, Bottom Pan (A245E, A246E, A247E) (Cork)	1	93-02	67300DA	35168-12030
300F	Gasket, Bottom Pan (A245E, A246E, A247E) (Fiber)	1	93-02	67300DAF	N.L.
300F	Gasket, Bottom Pan (A245E, A246E) (Cork)	1	03-Up	67300E	35168-12060
300F	Gasket, Bottom Pan (A245E, A246E) (Fiber)	1	03-Up	67300EF	N.L.
300F	Gasket, Bottom Pan (MX17) (Cork)	1	85-Up	67300A	96053920
300F	Gasket, Bottom Pan (MX17) (Fiber)	1	85-Up	67300AF	96053920
303	Gasket, Differential Cover (A130L, A140)	1	83-Up	67303B	41182-12010
304	Gasket, Overdrive Cover (A140)	1	83-86	67304C	35144-12020
304	Gasket, Overdrive Cover (A140)	1	87-5/91	67304CA	N.L.
304	Gasket, Overdrive Cover (A140)	1	6/91-Up	67304CB	N.L.
311A	O-Ring, Pump (All)	1	83-Up	67311B	90301-99024
326	Gasket, Filter (A130, A140)	1	83-Up	67326B	35339-32010
326	Gasket, Filter (A240 to A244E)	1	85-Up	67326D	35339-12010
	TECHNICAL MANUALS				
400K	Tech Manual (A140)	1	83-Up	67400C	TM-A140
400K	Tech Manual, Fwd (OEM)	1	83-Up	67400FED	400-RM018-E
400K	Tech Manual (MX17)	1	85-Up	67400A	83-SPR3TM

A130, A140, A240, MX17

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
420	Solenoid Kit (Shift) (A140, A240, A241, A242, A243, A244)	1	83-Up	67420CK	52-0230
420	Solenoid Kit (Shift) (A245, A246, A247)	1	93-Up	67420DAK	85420-12100
420	Solenoid Kit (Shift & Lock-Up) (A240, A241, A242, A243, A244)	1	85-Up	67420DK	85420-22080
420	Solenoid Kit (Shift & Lock-Up) (A245, A246, A247)	1	93-Up	67420DBK	85420-00000
421	Solenoid, 1-2 Shift (A140) (1 Bolt Triangle Type)	1	83-Up	67421C	85420-32021
422	Solenoid, 2-3 Shift (A140) (2 Bolt L Shaped Type)	1	83-Up	67422C	85420-32041
421	Solenoid, Shift (A240)	1	85-Up	67421D	85420-22080
421	Solenoid, Shift 1 (A245, A246) 94-98 Celica ST, 92-02 Corolla, 97-00 RAV4	1	92-02	67421E	85420-21040
421	Solenoid, Shift 2 (A245, A246) 94-98 Celica ST, 92-02 Corolla, 97-00 RAV4	1	92-02	67422E	85420-21010
421	Solenoid, Shift (MX17) (2 Solenoid Pack)	2	85-Up	67421AK	N.L.
421	Solenoid, 2nd Brake (MX17)	1	85-Up	67421D	85420-22080
422	Solenoid, Direct (MX17)	1	85-Up	67422B	91173731
423	Solenoid, Overdrive Cancel (A240)	1	85-Up	67423D	85420-10011
425	Solenoid, Lock-Up (TCC) (A140)	1	91-Up	67425BA	85420-20110
425	Solenoid, Lock-Up (TCC) (A240, A241, A242, A243, A244)	1	85-Up	67425D	85420-12061
425	Solenoid, Lock-Up (TCC) (A245, A246, A247)	1	93-Up	67425DA	85420-12140
431	Solenoid, SLT (EPC) (Linear) (A245, A246, A247)	1	02-03	67431	35290-12020
431	Solenoid, SLT (EPC) (Linear) (A245, A246, A247)	1	04-Up	67431A	35290-12030
436	Sensor, Output (VSS) (Vibe 1.8L 03-10) (A240)	1	03-10	67436	88971396
	PUMPS				
500A	Pump Complete (A130, A140) (Toyota Built)	1	83-Up	67500B	N.L.
520A	Pump Stator (A130, A140)	1	83-Up	67520A	N.L.
529A	Stator Shaft Tube (All)	1	83-Up	67529A	90374-22002
	DRUMS & CLUTCH HUBS				
554G	Forward w/ Shaft (3 Clutch) (2/84-Up)	1	84-Up	67554A	35701-32021
554G	Forward w/ Shaft (4 Clutch) (2/84-Up)	1	84-Up	67554C	35701-32031
555A	Direct (2 Clutch) (Exc. MX17) (2/84-Up)	1	84-Up	67555BB	35605-20020
555A	Direct (3 Clutch) (Exc. MX17) (2/84-Up)	1	84-Up	67555CA	35605-32030
	PLANETS				
582B	Front	1	83-Up	67582A	35720-32010
584H	Rear	1	83-Up	67584A	N.L.
	ONE WAY CLUTCHES				
640J	Sprag Assembly, Underdrive (A240)	1	85-Up	67640D	34360-12010
650	Sprag, Overdrive	1	83-Up	67650C	34714-32021
652	Sprag, Intermediate	1	83-Up	57652D	35791-30020
654H	Sprag, Low	1	83-Up	67654A	35792-32020
	GOVERNORS				
680C	Governor (Gear Type) (A130, A140)	1	83-Up	67680B	35480-32022
	MISCELLANEOUS COMPONENTS				
715E	Differentials (18T, 67T) (3 Groove) (A130)	1	83-Up	67715BE	N.L.
715E	Differentials (19T, 65T) (1 Groove) (A130)	1	83-Up	67715B	N.L.
715E	Differentials (18T, 71T) (4 Groove) (A140) (23 Rollers on Bearing on Ring Gear Side, 1.732" ID of Bearing)	1	83-Up	67715BX	N.L.
740E	Valve Body (A140) (w/ 2 Solenoids)	1	83-Up	67740CA	N.L.
696	Crush Sleeve (For Pinion) (A130, A140)	1	83-Up	67696B	41231-32010
735	Pinion Retainer (Aluminum w/ Seal) (A130, A140)	1	83-Up	67735B	N.L.
775	Bolt, Converter (8mm x 1.25" x 10mm)	6	83-Up	67775	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Boost Valve & Sleeve (High Ratio)	N.I.	N.I.	S67741FA	89010-02K
Vol 9	Boost Valve & Sleeve (Low Ratio)	N.I.	N.I.	S67741F	89010-01K
Vol 9	Pressure Regulator Valve Kit O.S. (A140) (T-89010-TL req)	N.I.	N.I.	S67741P	89010-03K

FILTERS & GASKETS

67300A



67300B



67300D



67300DA



67300E



67010A



67010B



67010BA



67010DA



67010D

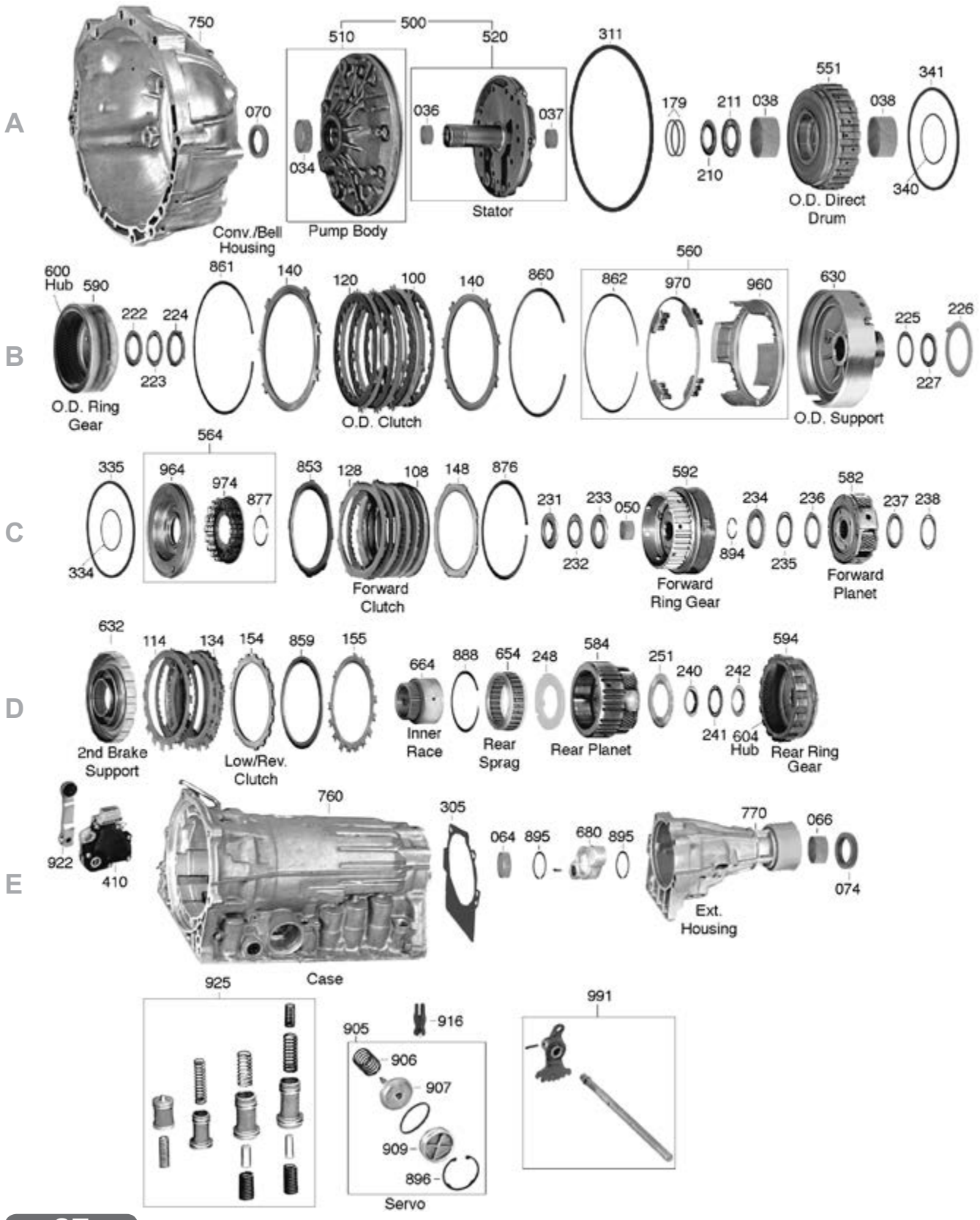


67010DB



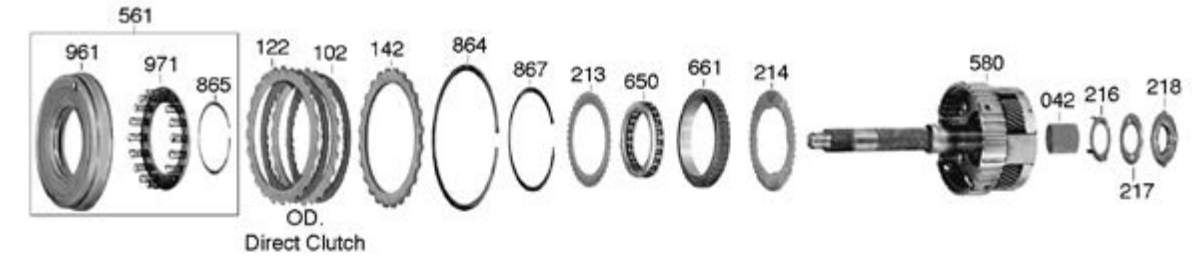
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A340, A350, AW4, R150F

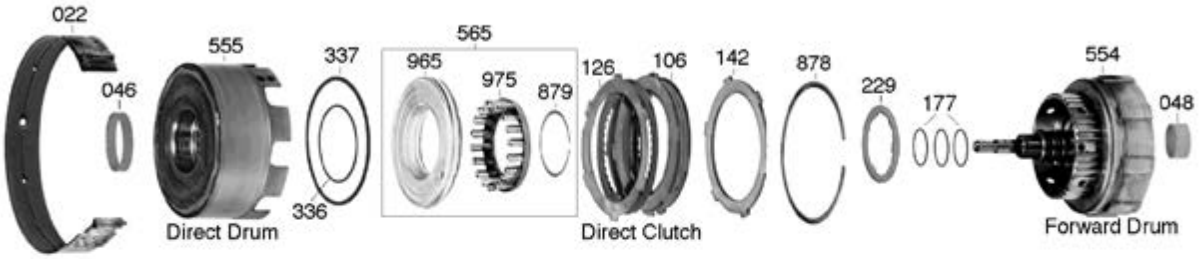


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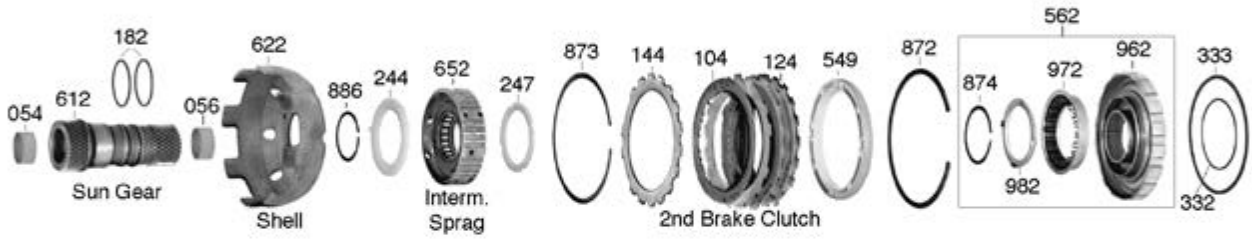
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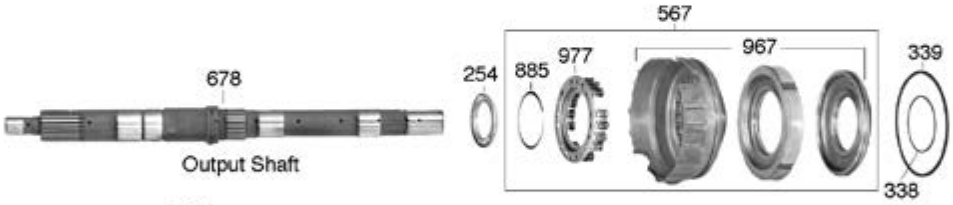
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Forward Drum

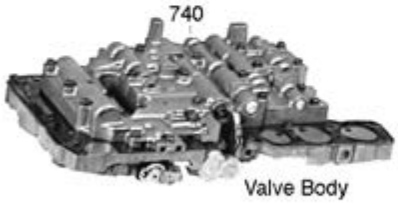
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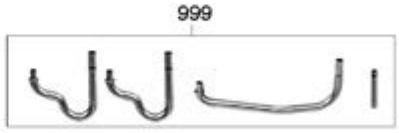

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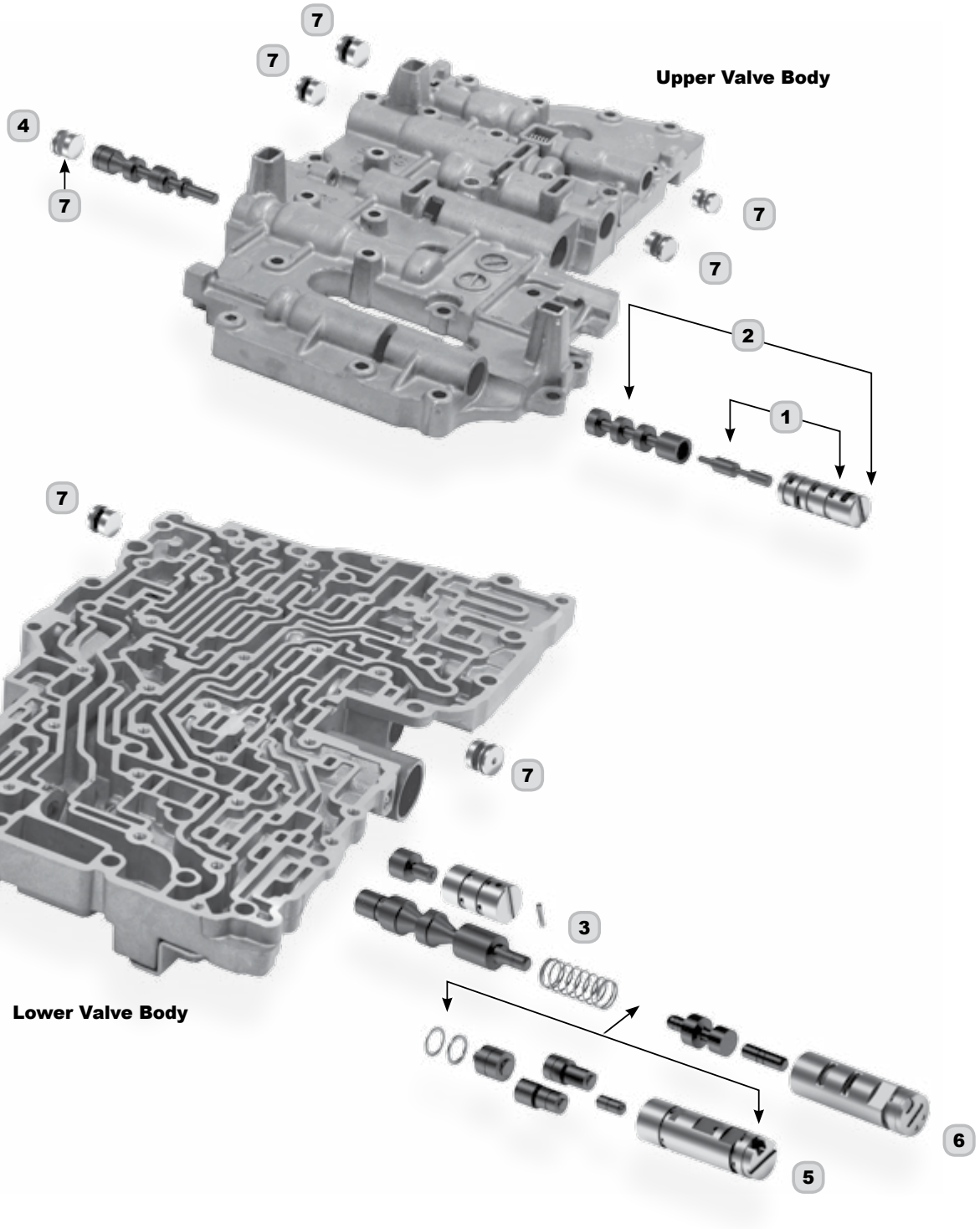

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Valve Body


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Filter
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A340, A350, AW4, R150F

VALVE BODY
GUIDE



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A340, A350, AW4, R150F



97300



97010G

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A340E, A340H (Toyota) (Does not fit 86-92 Supra V6 w/ Turbo)	1	85-99	97006F	N.L.
006	A340E, A340F (Toyota Trucks w/ V6 - T-100, Tacoma, 4 Runner)	1	93-99	97006DF	N.L.
006	A340E, A340F (Toyota) (4 Cyl.)	1	95-99	97006EF	N.L.
006	A340E, A341E (Toyota 86-92 Supra V6 w/ Turbo)	1	86-92	97006AF	N.L.
006	A340E, A340F (Toyota) (Exc. 4 Cyl. Tacoma) (Also Kia Sorento)	1	00-Up	97006J	N.L.
006	A340E (Toyota) (4 Cyl Tacoma)	1	00-Up	97006K	N.L.
006	A341E (Lexus, Volvo)	1	90-00	97006CF	N.L.
006	A343F (Landcruiser, Lexus LX450, LX470)	1	95-99	97006G	N.L.
006	A343F (Landcruiser, Lexus LX470)	1	00-Up	97006J	N.L.
006	AW4 (Jeep)	1	87-01	97006AF	N.L.
006	AW30-40LE (Mitsubishi Montero)	1	95-00	97006AF	N.L.
006	A350 (Lexus GS300)	1	96-98	97006H	N.L.
006	R150F Transfer Case (Automatic Transfer Case for A340H)	1	85-94	197006	N.L.
	LESS STEEL KITS				
004	A340E, A340H (Toyota) (Does not fit 86-92 Supra V6 w/ Turbo)	1	85-99	97004F	N.L.
004	A340E, A340F (Toyota Trucks w/ V6 - T-100, Tacoma, 4 Runner)	1	93-99	97004DF	N.L.
004	A340E, A340F (Toyota) (4 Cyl.)	1	95-99	97004EF	N.L.
004	A340E, A341E (Toyota 86-92 Supra V6 w/ Turbo)	1	86-92	97004AF	N.L.
004	A340E, A340F (Toyota) (Exc. 4 Cyl. Tacoma) (Also Kia Sorento)	1	00-Up	97004J	N.L.
004	A340E (Toyota) (4 Cyl Tacoma)	1	00-Up	97004K	N.L.
004	A341E (Lexus, Volvo)	1	90-00	97004CF	N.L.
004	A343F (Landcruiser, Lexus LX450, LX470)	1	95-99	97004G	N.L.
004	A343F (Landcruiser, Lexus LX470)	1	00-Up	97004J	N.L.
004	AW4 (Jeep)	1	87-01	97004AF	N.L.
004	AW30-40LE (Mitsubishi Montero)	1	95-00	97004AF	N.L.
004	A350 (Lexus GS300)	1	96-98	97004H	N.L.
004	R150F Transfer Case (Automatic Transfer Case for A340H)	1	85-94	197004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A340E, A340H (Toyota)	1	85-99	97002F	N.L.
002	A340E, A340F (Toyota)	1	00-Up	97002J	N.L.
002	A341E (Lexus, Volvo)	1	90-00	97002F	N.L.
002	A343F (Lexus, Landcruiser)	1	95-99	97002G	N.L.
002	A343F (Lexus)	1	00-Up	97002J	N.L.
002	A340H, A340F (AW4 Jeep, AW30-40LE Mitsubishi, 86-92 Supra V6 Turbo)	1	86-01	97002F	N.L.
002	A350	1	96-98	97002G	N.L.
002	R150F Transfer Case	1	85-Up	197002	N.L.
	FILTER KITS				
011	A340E (2wd Some)	1	86-00	97011	N.L.
011	A340F (4wd Some) (.375" Neck)	1	95-97	97011D	N.L.
011	A340F, A343F (4wd Some) (.750" Neck)	1	95-99	97011E	N.L.
011	A340E, A340F Jeep (AW4) (2wd & 4wd)	1	87-93	97011B	N.L.
011	A340H (4wd)	1	85-94	97011A	N.L.
011	A341E (2wd Some)	1	90-00	97011C	N.L.
011	A340E, A341E (2wd Some, 4wd Some)	1	94-Up	97011CA	N.L.
011	A340E, A340F, A343F (2wd Some, 4wd Some) (1" Neck)	1	98-Up	97011EA	N.L.
011	A350E (Lexus GS300)	1	98-Up	97011G	N.L.
	FILTERS				
010I	Pick-up (2wd)	1	89-94	97010	35330-30011
010I	Pick-up (4wd)	1	85-94	97010A	35330-35010
010I	4 Runner (2wd)	1	89-99	97010	35330-30011

A340, A350, AW4, R150F

ILL.		QTY.	YEAR	PART No.	REF. No.
	FILTERS (Cont.)				
010I	4 Runner (2wd)	1	00-01	97010CA	35330-30020
010I	4 Runner (2wd)	1	02-Up	97010EA	35330-60030
010I	4 Runner (4wd)	1	85-94	97010A	35330-35010
010I	4 Runner (4wd) (95-3/96)	1	95-E96	97010H	35330-35020
010I	4 Runner (4wd) (4/96-99)	1	L96-99	97010E	35330-60020
010I	4 Runner (4wd)	1	00-Up	97010EA	35330-60030
010I	Landcruiser	1	94-97	97010E	35330-60020
010I	Landcruiser	1	98-02	97010EA	35330-60030
010I	Tacoma (2wd)	1	95-99	97010	35330-30011
010I	Tacoma (2wd)	1	00-01	97010CA	35330-30020
010I	Tacoma (2wd)	1	02-Up	97010EA	35330-60030
010I	Tacoma (4wd)	1	95-96	97010D	35330-22010
010I	Tacoma (4wd)	1	97-99	97010E	35330-60020
010I	Tacoma (4wd)	1	00-04	97010EA	35330-60030
010I	Tundra (2wd & 4wd)	1	2000	97010	35330-30011
010I	Tundra (2wd & 4wd) (V6)	1	01-04	97010CA	35330-30020
010I	Tundra (2wd & 4wd) (V8)	1	01-04	97010EA	35330-60030
010I	T100 (2wd)	1	93-98	97010	35330-30011
010I	T100 (4wd)	1	93-94	97010A	35330-35010
010I	T100 (4wd)	1	95-97	97010D	35330-22010
010I	T100 (4wd)	1	1998	97010E	35330-60020
010I	Sequoia	1	01-04	97010EA	35330-60030
	Other Applications:				
010I	A340E (Also fits Cressida, Previa, Supra w/o Turbo, Lexus SC300)	1	86-00	97010	35330-30011
010I	A340E, A340F, AW4 (All Jeeps) (2wd & 4wd)	1	87-93	97010B	89835-01032
010I	A340F, A340H (4wd) (Isuzu Trooper 88-91, Mitsubishi Montero 95-00, Mitsubishi Montero Sport 97-98)	1	85-00	97010A	35330-35010
010I	A341E (Also fits Lexus GS300, LS400, SC300, SC400 Toyota Supra w/ Turbo, Volvo 960 & 90 Series)	1	90-00	97010C	35330-50010
010I	A341E (Lexus GS300)	1	94-95	97010CA	35330-30020
010I	A343F (.750" Neck) (Lexus LX450)	1	96-97	97010E	35330-60020
010I	A343F (1" Neck) (Lexus LX470)	1	98-02	97010EA	35330-60030
010I	A350E (Lexus GS300)	1	96-97	97010G	35330-30040
	BANDS				
022G	Brake	1	85-Up	97022	35810-30020
	BUSHINGS				
030	Bushing Kit	1	85-Up	97030	N.L.
030	Bushing Kit, R150F (Transfer Case)	1	88-Up	197030A	N.L.
034A	Bushing, Front Pump	1	85-Up	57034A	N.L.
037A	Stator Support (Rear)	1	85-Up	97037	N.L.
038	Overdrive Drum (Front)	1	85-Up	97038	N.L.
038	Overdrive Drum (Rear)	1	85-Up	97038B	N.L.
046G	Direct Drum	1	85-Up	97046	N.L.
047	Input Shaft	1	85-Up	97047	N.L.
050C	Front Planet Ring Gear	1	85-Up	97050	N.L.
052	Stator/Sun Gear Bushing	1	85-Up	97052	N.L.
066E	Extension Housing (35mm Yoke)	1	85-Up	97066A	N.L.
066E	Extension Housing (38mm Yoke)	1	85-Up	57066A	90999-72020
066E	Extension Housing (40mm Yoke)	1	85-Up	97066	N.L.
	METAL CLAD SEALS				
070A	Front Pump	1	85-Up	57070A	90311-38077
074E	Extension Housing (38 x 58 x 11mm) 2.250" OD 2wd	1	85-Up	57074A	90311-38040
074E	Extension Housing (40 x 58 x 11mm) 2.250" OD 2wd	1	85-Up	97074	90311-40001
074E	Extension Housing 2 3/16" OD (Lexus, Volvo)	1	85-Up	97074C	90311-42024
074E	Adapter Housing (Transmission to Transfer Case-Jeep)	1	85-Up	97074B	83504055
074E	Transfer Case (Front & Rear)	1	85-Up	197074A	90316-40001
	FRICTION PLATES				
100B	Overdrive Brake .083" (24T)	3-5	85-Up	97100	34633-50010
100B	Overdrive Brake .083" (24T) (Blue Plate)	3-5	85-Up	R97100HP	N.L.
102F	Overdrive Direct .083" (32T)	2	85-Up	97102	35633-30040
104H	2nd Brake .078" (32T)	4-5	85-Up	97104	35667-50020
104H	2nd Brake .078" (32T) (Blue Plate)	4-5	85-Up	R97104HP	N.L.
106G	Direct .083" (40T)	3-5	85-Up	97106	35667-50030

A340, A350, AW4, R150F

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES (Cont.)				
106G	Direct .068" (40T) (Blue Plate)	3-5	85-Up	R97106HP	N.L.
108C	Forward .067" (40T)	3-6	93-Up	97108	35677-14010
108C	Forward .075" (40T)	6-7	92-Up	97108B	35677-50010
108C	Forward .078" (40T)	4-5	92-Up	97108C	35677-30170
108C	Forward .083" (40T)	4-5	85-Up	97108A	35677-30090
114D	Low/ Reverse .067" (32T)	5-7	85-Up	97114	35677-30130
N.I.	Transfer Case, Direct & Front .067" (44T)	14	88-95	197106A	34653-35020
N.I.	Transfer Case, Low .067" (53T)	7	88-95	197114A	34683-35020
	STEEL PLATES				
120B	Overdrive Brake .078" (6T)	2-4	85-Up	97120	34634-30020
120B	Overdrive Brake .078" (6T) Volvo	3-5	92-Up	97120C	34634-30021
122F	Overdrive Direct .078" (24T)	1-2	85-Up	97122	34616-30010
122F	Overdrive Direct .098" (24T) Volvo	1	92-Up	97122C	3549181-0
122F	Overdrive Direct .118" (24T)	AR	85-Up	97122A	34615-20010
124H	2nd Brake .071" (16T)	1	85-Up	97124	35647-30030
124H	2nd Brake .098" (16T)	4	85-Up	97124A	35647-30020
124H	2nd Brake .157" (16T)	AR	85-Up	97124B	35647-30050
126G	Direct .071" (6T)	3-4	93-99	87122AD	35634-32020
126G	Direct .091" (24T)	4	00-Up	97126D	35647-22030
126G	Direct .091" (6T)	1-4	85-99	97126	35647-30011
126G	Direct .118" (6T)	3-4	87-99	97126A	35647-14010
126G	Direct .157" (6T)	3-4	87-99	97126B	35647-30040
128C	Forward .071" (8T)	6	92-Up	67122A	35634-32010
128C	Forward .078" (8T)	4-5	85-91	97128	35634-30100
128C	Forward .091" (8T)	4-5	92-Up	97128C	35634-30110
134D	Low/ Reverse .071" (15T)	5-7	85-Up	97134	35648-30031
N.I.	Transfer Case, Direct & Front .071" (29T)	14	88-95	197126A	34656-35010
N.I.	Transfer Case, Direct & Front .100" (29T)	1	88-95	197126AA	34656-35020
N.I.	Transfer Case, Low .071" (8T)	6	88-95	197134A	34686-35010
	PRESSURE PLATES				
148C	Forward	1	85-Up	97148	35635-30040
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, A340, A341, A343 & Jeep AW4 (Transgo®)	1	85-Up	T97165	SK® 340
169I	Reprogramming Kit™ (A340, A341, A343 & Jeep AW4) (Transgo®)	1	85-Up	T97169	340-HD2
	SEALING RINGS				
175I	Ring Kit	1	85-Up	97175	N.L.
	THRUST WASHERS				
200	Washer Kit	1	85-Up	97200A	N.L.
	BEARINGS & RACES				
240	Race, Sun Gear Shaft to Bearing (Front)	1	85-04	97240	35789-30150
241D	Bearing, Sun Gear Shaft	1	85-Up	97241	90374-30006
242D	Race, Sun Gear Shaft to Bearing (Rear)	1	85-Up	97242	35789-30160
	GASKETS & O-RINGS				
300I	Gasket, Bottom Pan (Cork) (incl A350)	1	85-Up	97300	N.L.
300I	Gasket, Bottom Pan (Fiber) (incl A350)	1	85-Up	97300F	N.L.
304	Gasket, Transfer Case (Cork)	1	85-Up	197304	35178-30010
305	Gasket, Extension Housing (2wd)	1	85-Up	57305A	35182-22010
311A	O-Ring, Pump to Case	1	85-Up	97311	FN01-19-242
326I	Gasket, Filter (2 Piece)	1	85-Up	97326A	35336-60010
320	Gasket Kit, Valve Body (95-Up) (Jeep)	1	95-Up	97320BK	N.L.
320	Gasket Kit, Valve Body (A340)	1	89-99	97320BK	N.L.
320	Gasket Kit, Valve Body (A340)	1	00-Up	97320EK	N.L.
320	Gasket Kit, Valve Body (A341)	1	90-00	97320CK	N.L.
320	Gasket Kit, Valve Body (A343, A350)	1	95-99	97320DK	N.L.
320	Gasket Kit, Valve Body (A343)	1	00-Up	97320EK	N.L.
	TECHNICAL MANUALS				
400I	Tech Manual (AW30-80LE) (Isuzu) (Only on CD)	1	85-Up	97400	83-3080LETM
400I	Tech Manual (Toyota, Jeep AW-4) (Only on CD)	1	85-Up	97400A	83-AW4TM
400I	Tech Manual (R150F Transfer Case)	1	85-Up	197400	A340H-AWD

A340, A350, AW4, R150F

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
420	Solenoid Kit (Shift Only) A340E	1	85-Up	67420CK	52-0230
420	Solenoid Kit (Shift Only) A341E	1	85-Up	97420AK	52-9021
420	Solenoid Kit, A340E (3 Solenoids w/ Cable)	1	85-97	97420K	52-9002
420	Solenoid Kit, A340E (4 Solenoids w/o Cable)	1	98-Up	97420BK	N.L.
420	Solenoid Kit, A341E (4 Solenoids w/ Cable) (Lexus)	1	90-97	97420DK	N.L.
420	Solenoid Kit, A341E (4 Solenoids w/o Cable) (Volvo)	1	93-98	97420BK	N.L.
421	Solenoid, Shift (On/Off)	2	85-Up	67421D	85420-22080
425	Solenoid, Lock-Up (On/Off) (“E” Solenoid) (A340)	1	85-Up	97425	85420-30110
425	Solenoid, SL (Lock-Up) (Linear) (A341, A343)	1	90-Up	97425A	35280-50010
428	Solenoid, SLN (Acc. Control) (Linear) (A341, A343)	1	90-Up	97428	35270-50010
431	Solenoid, SLT (EPC) (Linear) (A340)	1	00-Up	97431	35290-60020
	PUMPS				
500A	Pump, Assembly (2 15/16” Stator Length) (Exc. Lexus)	1	85-Up	97500	N.L.
500A	Pump, Assembly (3 5/16” Stator Length) (Lexus)	1	90-Up	97500BA	N.L.
	DRUMS & CLUTCH HUBS				
551A	Overdrive (2 Clutch) (31T Sun Gear) (No Sensor)	1	85-Up	97551B	34601-60020
551A	Overdrive (2 Clutch) (31T Sun Gear) (16T Sensor)	1	85-Up	97551CA	N.L.
551A	Overdrive (2 Clutch) (31T Sun Gear) (32T Sensor)	1	85-Up	97551CB	N.L.
551A	Overdrive (2 Clutch) (33T Sun Gear) (No Sensor)	1	85-Up	97551	N.L.
551A	Overdrive (2 Clutch) (33T Sun Gear) (16T Sensor)	1	85-Up	97551BA	N.L.
554G	Forward (1 Check Ball) (5 Clutch)	1	85-Up	97554A	N.L.
554G	Forward (2 Check Balls)	1	85-Up	97554B	N.L.
555G	Direct (5 Clutch) (4 5/8” OD Piston) (6T Steels)	1	85-Up	97555EA	35605-50010
555G	Direct (5 Clutch) (5” OD Piston) (6T Steels)	1	85-Up	97555E	35605-22030
555G	Direct (5 Clutch) (5” OD Piston) (24T Steels)	1	85-Up	97555J	N.L.
N.I.	Direct (R150F Transfer Case)	1	85-Up	197555	N.L.
	PLANETS				
580F	Overdrive Kit (No Reluctor) (20 Spline)	1	85-Up	97580BK	N.L.
580F	Overdrive Kit (No Reluctor) (26 Spline)	1	85-Up	97580K	N.L.
580F	Overdrive Kit (w/ Reluctor) (A340) (No Groove)	1	85-Up	97580CK	N.L.
580F	Overdrive Kit (w/ Reluctor) (A340) (2 Groove, 33T Sun Gear, 20 Spline)	1	85-Up	97580AK	N.L.
580F	Overdrive Kit (w/ Reluctor) (A343F) (2 Groove, 31T Sun Gear)	1	85-Up	97580EK	N.L.
580F	Overdrive Kit (w/ Reluctor) (A343F)	1	85-Up	97580BK	N.L.
582C	Front (4 Gear)	1	85-Up	97582	N.L.
582C	Front (5 Gear)	1	92-Up	97582A	N.L.
584D	Rear (4 Gear) (33T Sun Gear)	1	85-Up	97584	N.L.
584D	Rear (4 Gear) (42T Sun Gear)	1	85-Up	97584A	N.L.
584D	Rear (5 Gear) (19T Sun Gear)	1	99-Up	97584AA	3570560010
583	Planet Set (A340)	1	85-Up	97583	N.L.
592C	Ring Gear, w/ Hub Front Planet	1	85-Up	97592A	N.L.
594D	Ring Gear, Rear Planet	1	85-Up	97594A	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612H	Sun Gear, Forward	1	85-Up	97612A	N.L.
614	Sun Gear Hub, C3 Transfer Case (R150, A340H)	1	85-Up	197614	34706-35010
630B	Center Support, Aluminum (Cast # 8930)	1	85-Up	97630	N.L.
630B	Center Support, Aluminum (Cast # 8931)	1	85-Up	97630A	N.L.
630	Center Support (A340)	1	85-Up	197630	34130-35010
632D	Center Support, Direct Drum (R150, A340H)	1	85-Up	197632	34640-5010
	ONE WAY CLUTCHES				
650F	Sprag, Overdrive	1	85-Up	67650C	34714-32021
652H	Sprag, Intermediate	1	85-Up	97652	35790-30030
654D	Sprag (In Rear Planet)	1	85-Up	97654	35792-30042
	VALVE BODIES				
740I	Valve Body, w/ 3 Solenoids, 1 Tube (2wd)	1	85-Up	97740	N.L.
740I	Valve Body, w/ 3 Solenoids, 3 Tubes (w/ Gear Type Transfer Case)	1	85-Up	97740A	N.L.
740I	Valve Body, w/ 3 Solenoids, 2 Tubes	1	85-Up	97740B	N.L.
740I	Valve Body, w/ 4 Solenoids, No Tubes	1	90-Up	97740C	N.L.
740I	Valve Body, w/ 5 Solenoids, 1 Tube	1	93-Up	97740D	N.L.
741	Boost Sleeve (Can use 97741F)	1	85-Up	97741F-2	97855-23
741	Boost Valve & Sleeve	1	85-Up	97741F	97855-23K
741	Pressure Regulator Valve Kit (OS) (req T-89010-TL)	1	85-Up	97741P	97855-24K

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS				
700	Chain, Transfer Case (HV-102)	1	85-Up	197700	35781-35010
705	Sprocket, Drive (2.80” Long)	1	85-Up	197705	35782-35020
706	Sprocket, Driven (8.500” Long)	1	85-Up	197706	35783-35020
853C	Cushion, Forward Steel	1	85-Up	97853	35672-30010
451	Detent Cable, Repair End	1	85-Up	T57451	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	End Plug Kit, Valve Body (7 Plugs, Extra O-Rings)	N.I.	7	S97741-6K	97741-19K
Vol 9	Lock-Up Relay Control Valve & Sleeve Kit (A340E, A340F)	N.I.	1	S97741CAK	77741-02K
Vol 9	Lock-Up Relay Valve Sleeve Kit (85-00) (A340)	N.I.	N.I.	S97741C	97855-27K
Vol 9	Valve Kit, Cutback, Reverse & EPC Boost Assemblies	N.I.	5	S97741PK	97741-01K
Vol 9	Valve Kit, Lock-Up Rel. O.S. 2 Valves, Sleeve (T-VB-FIX, T-F-97741-TL20 Req)	N.I.	2	S97741QK	97741-20K
Vol 9	Valve Kit, Pressure Regulator O.S. A340 (T-89010-TL req)	N.I.	N.I.	S97741P	97855-24K
Vol 9	Valve Kit, Press Reg O.S. A340E (Type 1) (T-F-39741-TL11, T-VB-FIX req)	N.I.	N.I.	S97741A-1K	97741-17K
Vol 9	Valve Kit, Press, .353” - 3 O.S. Vlvs, Spr, Slv (VB-FIX, TPFP97741-TL6 Req)	N.I.	6	S97741PBK	97741-10K
Vol 9	Valve Kit, Press, .426” - 3 O.S. Vlvs, Spr, Slv (VB-FIX, T-F-97741-TL6 Req)	N.I.	6	S97741PAK	97741-06K
Vol 9	Valve Kit, Sec Press O.S., Inc Valve, End Plug (T-VB-FIX, T-F-97741-TL18 Req)	N.I.	4	S97741AB-1K	97741-18K
Vol 9	Valve Kit, TCC Control, Incl Valve, Sleeve, Pin	N.I.	3	S97741CBK	19741-01K
Vol 9	Zip Kit, A340E, A340F	N.I.	N.I.	S97741ZK	A340-LATE

Notes

A340, A350, AW4, R150F

97010



97010A



97010B



97010C



97010CA



97010D



97010E



97010EA



97010G

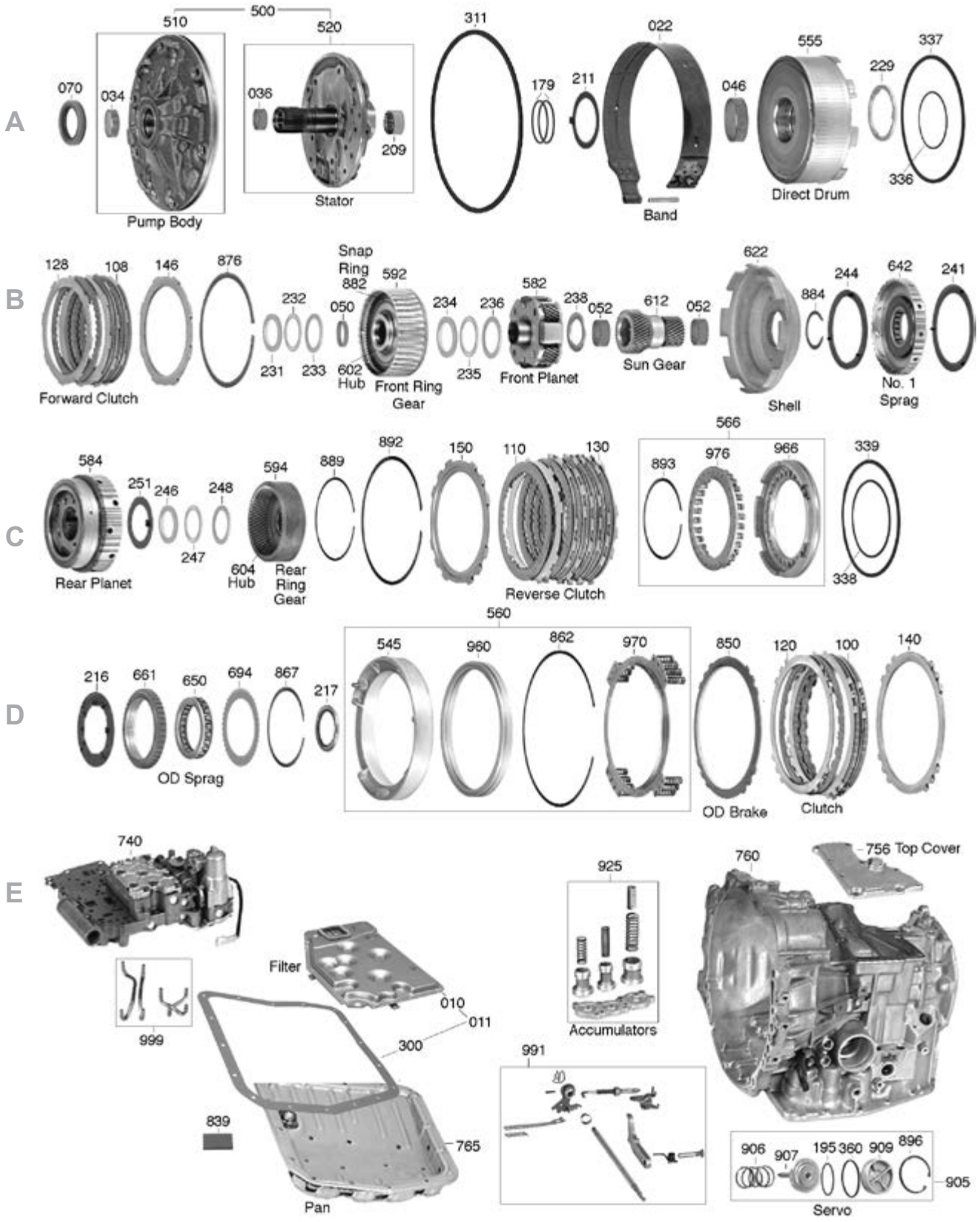


97010H

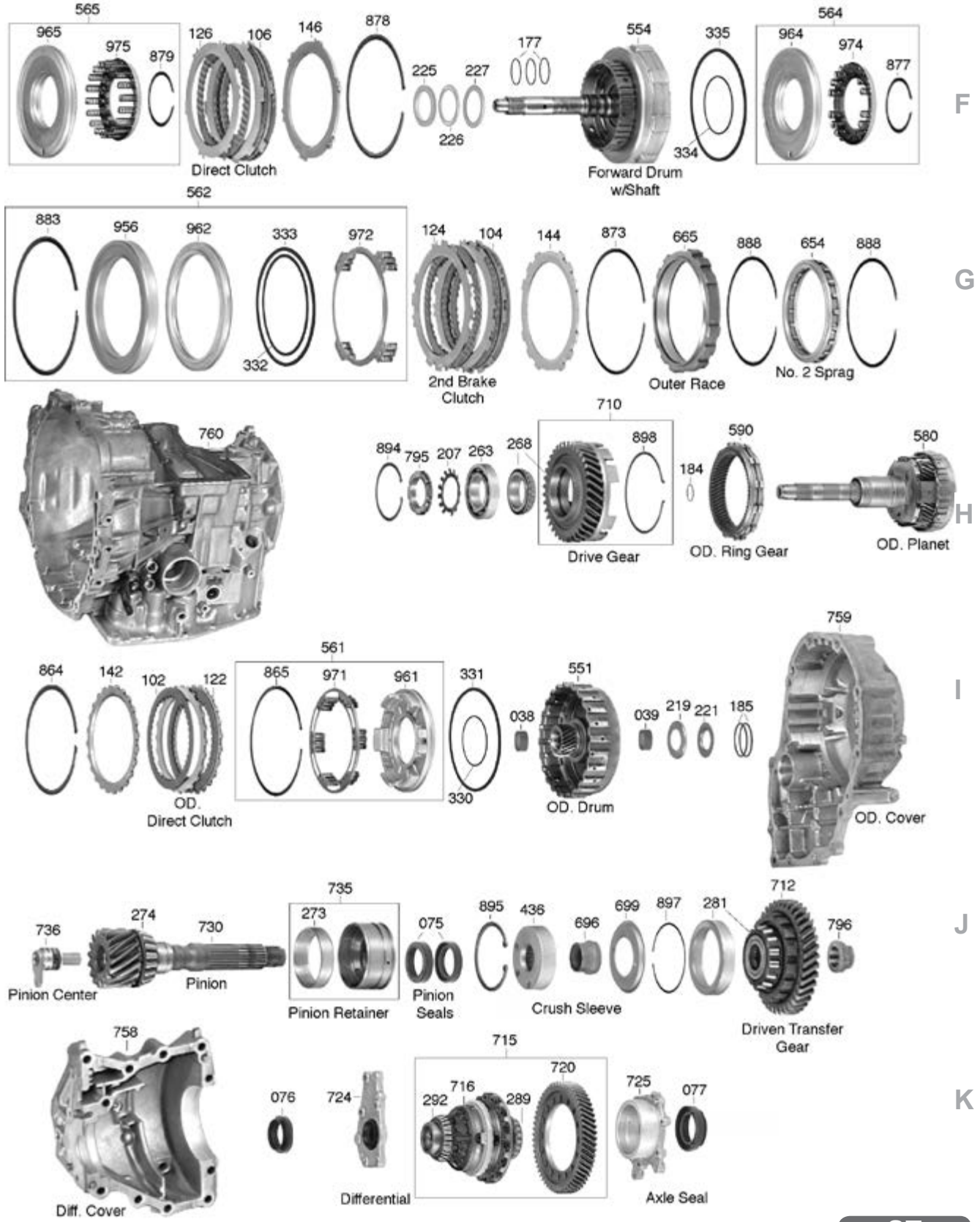


Notes

A540



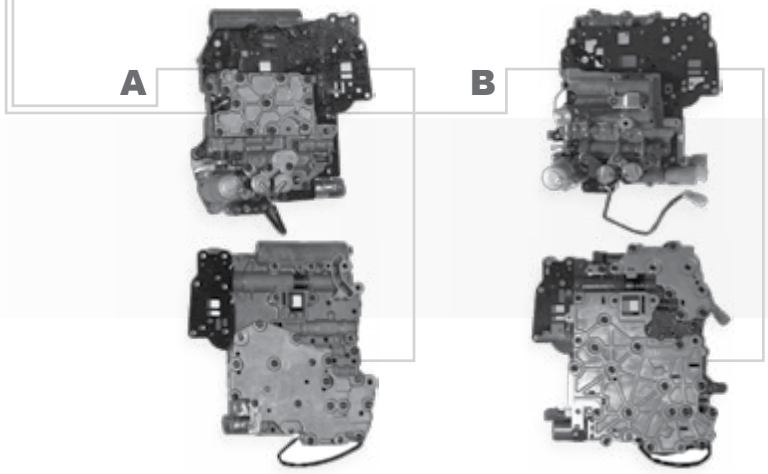
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565
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Direct Clutch
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106
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878
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227
226
177
554
Forward Drum w/Shaft
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564
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974
877
562
883
956
962
333
332
972
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104
2nd Brake Clutch
144
873
Outer Race
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888
No. 2 Sprag
760
710
894
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Drive Gear
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OD. Ring Gear
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OD. Planet
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142
102
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OD. Direct Clutch
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OD. Drum
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Pinion Center
Pinion
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712
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Driven Transfer Gear
758
Diff. Cover
076
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Differential
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716
720
292
289
725
077
Axle Seal

F G H I J K

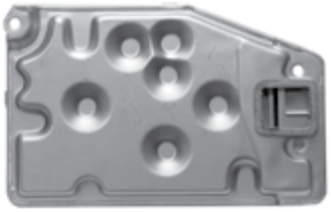
VALVE BODY
GUIDE

	Part	Year	Trans.	
A	P87740-1	88-Up	A540	A540E
	P87740-2	88-Up	A540	A540E
	P87740-3	88-Up	A540	A540H
B	P87740-4	94-Up	A541E	4 solenoids w/tube, 36t 2nd/L/R friction




87300


87300E


87010


87010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A540E (88-5/91)	1	88-E91	87006AF	N.L.
006	A540E (6/91-93) (Incl 98-00 Sienna)	1	L91-93	87006AAF	N.L.
006	A540H (RAV-4 4wd) (Differential, also order 87001)	1	96-Up	87006ABF	N.L.
006	A541E (Exc. 98-00 Sienna)	1	94-Up	87006BF	N.L.
	LESS STEEL KITS				
004	A540E (88-5/91)	1	88-E91	87004AF	N.L.
004	A540E (6/91-93) (Incl 98-00 Sienna)	1	L91-93	87004AAF	N.L.
004	A540H (RAV-4 4wd) (Differential, also order 87001)	1	96-Up	87004ABF	N.L.
004	A541E (Exc. 98-00 Sienna)	1	94-Up	87004BF	N.L.
001	Sub Kit, A540H Differential Only	1	88-93	87001	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A540E (Incl 98-00 Sienna)	1	88-93	87002AF	N.L.
002	A540H (RAV-4 4wd) (Differential, also order 87001)	1	88-93	87002AF	N.L.
002	A541E (Exc. 98-00 Sienna)	1	94-Up	87002BF	N.L.
001	Sub Kit, A540H Differential Only	1	88-93	87001	N.L.
	FILTER KITS				
011	A540E, A540H	1	88-Up	87011	N.L.
011	A541E	1	94-Up	87011A	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	FILTERS				
010E	A540E, A540H	1	88-Up	87010	35330-32030
010E	A541E	1	94-Up	87010A	35330-33010
	BANDS				
022A	Band, 1.00” Wide	1	89-Up	67022B	35810-32020
022A	Band, 1.22” Wide	1	94-Up	87022C	35810-33010
022A	Band, 1.50” Wide	1	88-93	87022B	35810-32030
	BUSHINGS				
030	Bushing Kit	1	88-Up	87030	N.L.
034A	Pump Body	1	88-Up	57034A	N.L.
036A	Stator Support (Front)	1	88-Up	57036C	N.L.
037	Stator Support (Rear) (Bushing)	1	88-Up	67037A	N.L.
038I	Overdrive Sun Gear (Front)	1	88-Up	67038C	90384-22015
038I	Overdrive Sun Gear (Rear)	1	88-Up	67038CA	90384-22014
046A	Direct Drum	1	88-Up	87046A	N.L.
050B	Input Hub	1	88-Up	87050A	N.L.
052B	Sun Gear	2	88-Up	87052A	N.L.
	METAL CLAD SEALS				
070A	Front Pump	1	88-Up	57070A	90311-38077
072	Manual Lever Shaft	2	88-Up	60072	91209612003
075J	Transfer Shaft Seal	2	88-93	87075A	N.L.
074	Extension Housing (A540H Awd)	1	88-91	57074A	90311-38040
076J	Right Axle (A540E, A541E)	1	88-Up	87076A	90311-A0012
076J	Right Axle (A540H) (Awd)	1	88-Up	87076B	N.L.
077J	Left Axle (A540E, A541E)	1	88-Up	87077A	90311-50023
077J	Left Axle (A540H) (Awd)	1	88-Up	67077D	9031144003/4
078	Speedometer Gear Shaft	1	88-Up	57078A	90310-09001
	FRICTION PLATES				
100D	Overdrive Brake (Grooved)	3	88-91	87100A	35677-32070
100D	Overdrive Brake (Smooth)	3	92-Up	87100AA	35677-33010
102I	Overdrive Direct	2-5	88-Up	67106C	35633-32031
104G	2nd Brake (33T) (Also A541E 94-Up)	3	88-91	67100CA	35677-32050
104G	2nd Brake (33T)	3	92-Up	87100CB	35677-33020
104G	2nd Brake (36T)	3-4	94-Up	87100CC	35677-33050
106F	Direct (.067”) (40T)	3-4	89-Up	67106A	35633-32010
106F	Direct (.081”) (32T) (Grooved)	3	88-Up	87106AB	35633-32040
106F	Direct (.083”) (40T) (Smooth)	3	94-Up	97106	35667-50030
108B	Forward (.060”)	5	94-Up	87106A	35633-33010
108B	Forward (.067”)	4	88-Up	67106A	35633-32010
110C	Reverse (33T)	6-7	88-Up	67100B	35677-32060
110C	Reverse (36T)	6	94-Up	87100B	35677-33040
118	Differential	11	89-Up	87103A	41475-32020
	STEEL PLATES				
120D	Overdrive Brake (.071”)	3-6	88-Up	67120CA	35648-20010
120D	Overdrive Brake (.098”)	3	88-Up	67120CB	35648-32040
122I	Overdrive Direct (.071”)	2	94-Up	67122C	35634-20010
122I	Overdrive Direct (.078”)	2	94-Up	87122CB	N.L.
122I	Overdrive Direct (.119”)	2	89-Up	97122A	34615-20010
124G	2nd Brake (10T)	3-4	94-Up	87124B	35648-33010
124G	2nd Brake (12 Long Teeth)	3	88-Up	87124A	N.L.
124G	2nd Brake (12 Short Teeth)	3	88-Up	67120B	35648-32010
126F	Direct (.055”) (6T)	1	94-Up	87122BA	35634-33030
126F	Direct (.071”) (6 Notched T)	1-3	88-Up	87122AD	35634-32020
126F	Direct (.071”) (8T)	2-3	89-Up	67122A	35634-32010
126F	Direct (.078”) (6T, 3T are Notched)	2	94-Up	87122BB	35647-33010
126F	Direct (.091”) (6T)	2	88-Up	97126	35647-30011
128B	Forward (.055”)	1	92-Up	87122AA	35634-33020
128B	Forward (.063”)	4	92-Up	87122A	35634-33010
128B	Forward (.071”)	2-4	88-Up	67122A	35634-32010
128B	Forward (.078”)	5	94-Up	97128	35634-30100
130C	Reverse (.063”) (10T)	6	94-Up	87130AA	35648-33020
130C	Reverse (.071”) (12T)	6-7	88-Up	67120C	35648-12020

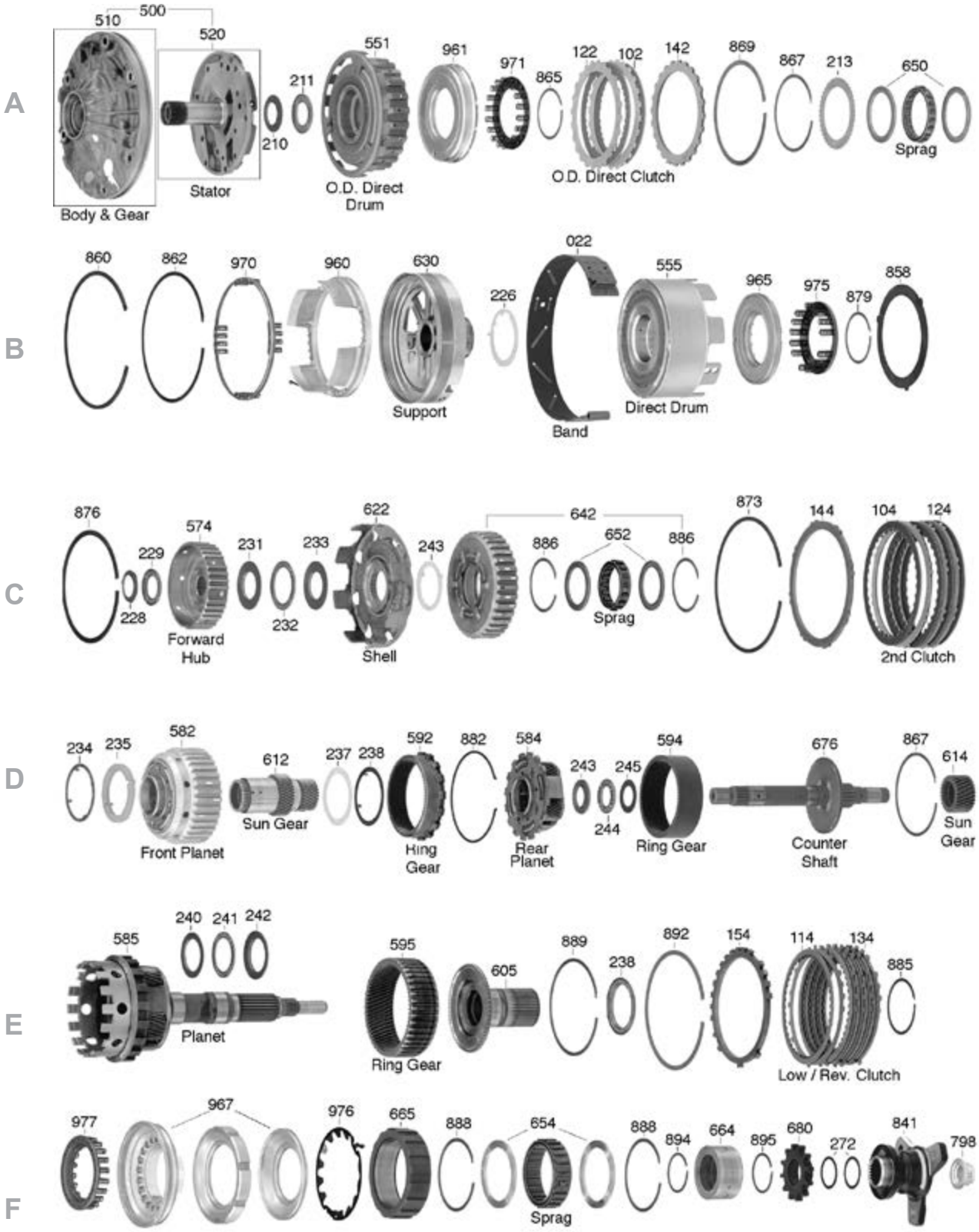
A540

ILL.		QTY.	YEAR	PART No.	REF. No.
	PRESSURE PLATES				
146B	Forward (2.6mm)	1	88-Up	67146B	35675-32030
146B	Forward (2.8mm)	1	88-Up	67146BA	35675-17010
146B	Forward (3.0mm)	1	88-Up	67146AA	35675-32010
146B	Forward (3.2mm)	1	88-Up	67146AB	35675-12010
146B	Forward (3.37mm)	1	88-Up	67146A	35675-32020
	VALVE BODY RECALIBRATION KITS				
165	Kit, A540E/A540H Valve Body Upgrade (TransLab)	1	88-Up	87165A	TL-540E
	THRUST WASHERS				
200	Washer Kit	1	88-93	87200A	N.L.
200	Washer Kit (Incl 67211AA, 87241, 87251A, 87251B, 87251C)	1	94-Up	87200B	N.L.
211A	Stator to Direct Drum	1	88-Up	67211AA	35616-32010
217	Overdrive Planet, Bronze (.060")	1	83-Up	67217A	N.L.
217	Overdrive Planet, Bronze (.110")	1	83-Up	62717C	N.L.
229A	Direct Drum to Forward Drum (.138" Thick)	1	88-Up	67229A	35616-32021
229A	Direct Drum to Forward Drum (.175" Thick)	1	88-Up	87229	35616-32030
244B	Shell to Sprag (A540)	1	88-Up	87244	35739-32020
244B	Shell to Sprag (A541)	1	94-Up	87244A	35739-33010
241B	Rear Planet #2 (Front) (Plastic) (A540)	1	88-93	87241	35738-32020
241B	Rear Planet #2 (Front) (Plastic) (A541)	1	94-Up	87251C	35738-33020
251C	Rear Planet #2 (Rear) (Plastic) (A540)	1	88-93	67241A	35738-12010
251C	Rear Planet #2 (Rear) (Plastic) (A541)	1	94-Up	87251B	35738-33010
	BEARINGS & RACES				
219I	Bearing w/ Race, Overdrive Drum to Cover	1	88-Up	67219CA	90374-28013
221I	Race, Overdrive Drum to Case Cover (Rear)	1	88-Up	67221C	35789-20020
226F	Bearing, Stator to Forward Drum	1	88-Up	67226A	90374-28005
274J	Bearing, Differential Pinion Cone w/ Race (Front) (18 Roller)	1	88-01	87274B	90366-36003
289J	Tapered Bearing, Differential (Ring Gear Side)	1	1989	87289	90366-50030
	GASKETS & O-RINGS				
300E	Gasket, Bottom Pan (A540) (Cork)	1	88-00	87300	35168-32020
300E	Gasket, Bottom Pan (A540) (Fiber)	1	88-00	87300F	35168-32020
300E	Gasket, Bottom Pan (A541E) (Cork)	1	94-03	87300E	35168-33010
300E	Gasket, Bottom Pan (A541E) (Fiber)	1	94-03	87300EF	N.L.
304	Gasket, Overdrive Cover (A540E, A540H)	1	88-00	87304	N.L.
304	Gasket, Overdrive Cover (A541E)	1	94-Up	87304A	N.L.
311	O-Ring, Pump (A540)	1	88-Up	67311B	90301-99024
311	O-Ring, Pump (A541E)	1	94-Up	89311	N.L.
	TECHNICAL MANUALS				
400J	Tech Manual	1	88-Up	87400	TOY A540E
	ELECTRICAL COMPONENTS				
420	Solenoid Kit (# 1 & # 2 Shift Solenoids & 1 Bracket) (A540E, A540H)	1	88-93	87420BK	85420-32091
420	Solenoid Kit (2 Shift & 1 Lock-Up Solenoid) (A540E, A540H)	1	88-93	87420K	85420-32102
420	Solenoid Kit (# 1 & # 2 Shift Solenoids & 1 Bracket) (A541E)	1	94-Up	87420AK	85420-33010
420	Solenoid Kit (# 1 & # 2 Shift, 1 L-Up Solenoid & 1 Bracket) (A541E)	1	94-Up	87420CK	N.L.
425	Solenoid, Lock-Up (A540E, A540H)	1	88-Up	87425	85420-32110
425	Solenoid, Lock-Up (A541E)	1	94-Up	87425A	N.L.
436J	Speed Sensor (VSS) (# 2 Speed Sensor)	1	88-Up	87436	90374-30004
436J	Speed Sensor (VSS) (Speedo) (Camry)	1	97-Up	87436A	N.L.
	PUMPS				
500A	Pump Complete (8.270" OD) (A540)	1	88-Up	87500A	N.L.
500A	Pump Complete (8.460" OD) (A541)	1	88-Up	87500B	N.L.
520A	Stator (8 5/16" OD) (A540)	1	88-Up	87520A	35370-33010
520A	Stator (8 7/16" OD) (A541)	1	88-Up	87520B	35370-33020

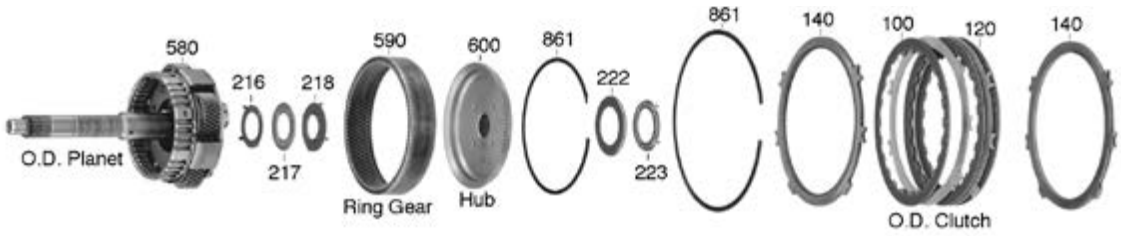
ILL.		QTY.	YEAR	PART No.	REF. No.
	DRUMS & CLUTCH HUBS				
551I	Overdrive Direct (22T Sun Gear)	1	88-Up	87551A	N.L.
551I	Overdrive Direct (27T Sun Gear)	1	88-Up	87551E	N.L.
551I	Overdrive Direct (28T Sun Gear)	1	88-Up	87551D	N.L.
554F	Forward w/ Shaft (3 Ring, 4 Clutch)	1	88-Up	87554	N.L.
554F	Forward w/ Shaft (3 Ring, 5 Clutch)	1	88-Up	87554A	N.L.
554F	Forward w/ Shaft (2 Ring, 4 Clutch)	1	88-Up	67554C	35701-32031
555A	Direct (8 Drive Lugs at Shell) (1.00” Wide Band)	1	88-Up	67555CA	35605-32030
555A	Direct (8 Drive Lugs at Shell) (1.22” Wide Band)	1	88-Up	87555	N.L.
	PLANETS				
580H	Planet, Overdrive w/ Shaft (22T Sun Gear # 551)	1	88-Up	87580A	N.L.
580H	Planet, Overdrive w/ Shaft (28T Sun Gear # 551)	1	88-Up	87580D	N.L.
582B	Planet, Front (No Hub on Front)	1	88-Up	67582A	35720-32010
582B	Planet, Front (Has Hub on Front)	1	88-Up	87582	N.L.
584C	Planet, Rear (4 Gear) (1.790” Overall Height)	1	88-Up	67584A	N.L.
584C	Planet, Rear (4 Gear) (1.885” Overall Height)	1	88-Up	87584	N.L.
584C	Planet, Rear (5 Gear)	1	88-Up	87584A	N.L.
584C	Geartrain, Complete (4 Gear Rear Planet) (No Overdrive Section)	1	88-Up	87583	N.L.
584C	Geartrain, Complete (5 Gear Rear Planet) (No Overdrive Section)	1	88-Up	87583A	N.L.
594C	Ring Gear, Rear (1.100” Thick)	1	88-Up	67594	N.L.
594C	Ring Gear & Hub, Rear (1.100” Thick)	1	88-Up	67594K	N.L.
594C	Ring Gear, Rear (1.165” Thick)	1	88-Up	87594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612B	Sun Gear, Front (27 Teeth, 1.465” OD Sprag Race)	1	88-Up	67612B	35706-32012
612B	Sun Gear, Front (27 Teeth, 1.540” OD Sprag Race)	1	88-Up	87612	N.L.
622B	Shell, Input Sun (39 Inner T) (8 Drive Lugs)	1	88-Up	67622A	35790-32050
	ONE WAY CLUTCHES				
642B	Sprag, Intermediate (A540, A541)	1	88-Up	87642	35790-32031
642B	Sprag w/ Outer Race, Intermediate (36T) (A541)	1	88-Up	87642B	N.L.
650D	Sprag, Overdrive	1	88-Up	67650C	34714-32021
652	Sprag, Intermediate	1	88-Up	87652	N.L.
654G	Sprag, Low Clutch (20 Elements)	1	88-Up	67654A	35792-32020
654G	Sprag, Low Clutch (30 Elements)	1	88-Up	87654	N.L.
	VALVE BODIES				
740E	Valve Body (Premium) (A540E) (3 Solenoid w/ Tube)	1	88-Up	P87740-1	N.L.
740E	Valve Body (Premium) (A540E) (3 Solenoid w/o Tube)	1	88-Up	P87740-2	N.L.
740E	Valve Body (Premium) (A540H) (4 Solenoid Awd)	1	88-Up	P87740-3	N.L.
740E	Valve Body (Premium) (A541E) (4 Solenoid w/ Tube)	1	94-Up	P87740-4	N.L.
741E	Pressure Regulator Valve Kit (req T-89010-TL)	1	83-Up	67741P	89010-03K
741E	Pressure Boost Valve & Sleeve (.565” Large Spool)	1	88-Up	S87741FA	89031-02K
741E	Pressure Boost Valve & Sleeve (.583” Large Spool)	1	88-Up	S87741F	89031-01K
	MISCELLANEOUS COMPONENTS				
759I	Rear Cover, Overdrive 13 Bolts w/ 4 Mounting Holes	1	88-Up	87759B	N.L.
759I	Rear Cover, Overdrive 14 Bolts w/ 4 Mounting Holes	1	88-Up	87759CA	N.L.
696J	Crush Sleeve (.940” Long)	1	88-Up	87696	41231-32020
696J	Crush Sleeve (1.565” Long)	1	88-Up	87696A	41231-33010

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Boost Valve & Sleeve (High Ratio)	N.I.	N.I.	S87741F	89031-01K
Vol 9	PR Valve Kit O.S. (98-00 w/ “A540Y” Stamped VB) (T-89010-TL req)	N.I.	N.I.	S87741PK	89010-04K
Vol 9	Pressure Regulator Valve Kit O.S. (T-89010-TL req)	N.I.	N.I.	S67741P	89010-03K

A650E



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580
O.D. Planet
216
217
218
590
Ring Gear
600
Hub
861
222
223
861
140
100
120
O.D. Clutch
140

G


126
106
Direct Clutch
146
878
229
225
227
554
Forward Drum
964
974
877
853
128
108
Forward Clutch
148

H


144
860
874
982
972
962
632
Support
549
143
132
103
3rd Brake
143

I


446

J


750
Bell Housing
760
Case
893
292
770
Extension Housing


955
905
925
011
010
300
839
740
991
995
Valve Body
765
Pan

K

L

A650E



97300

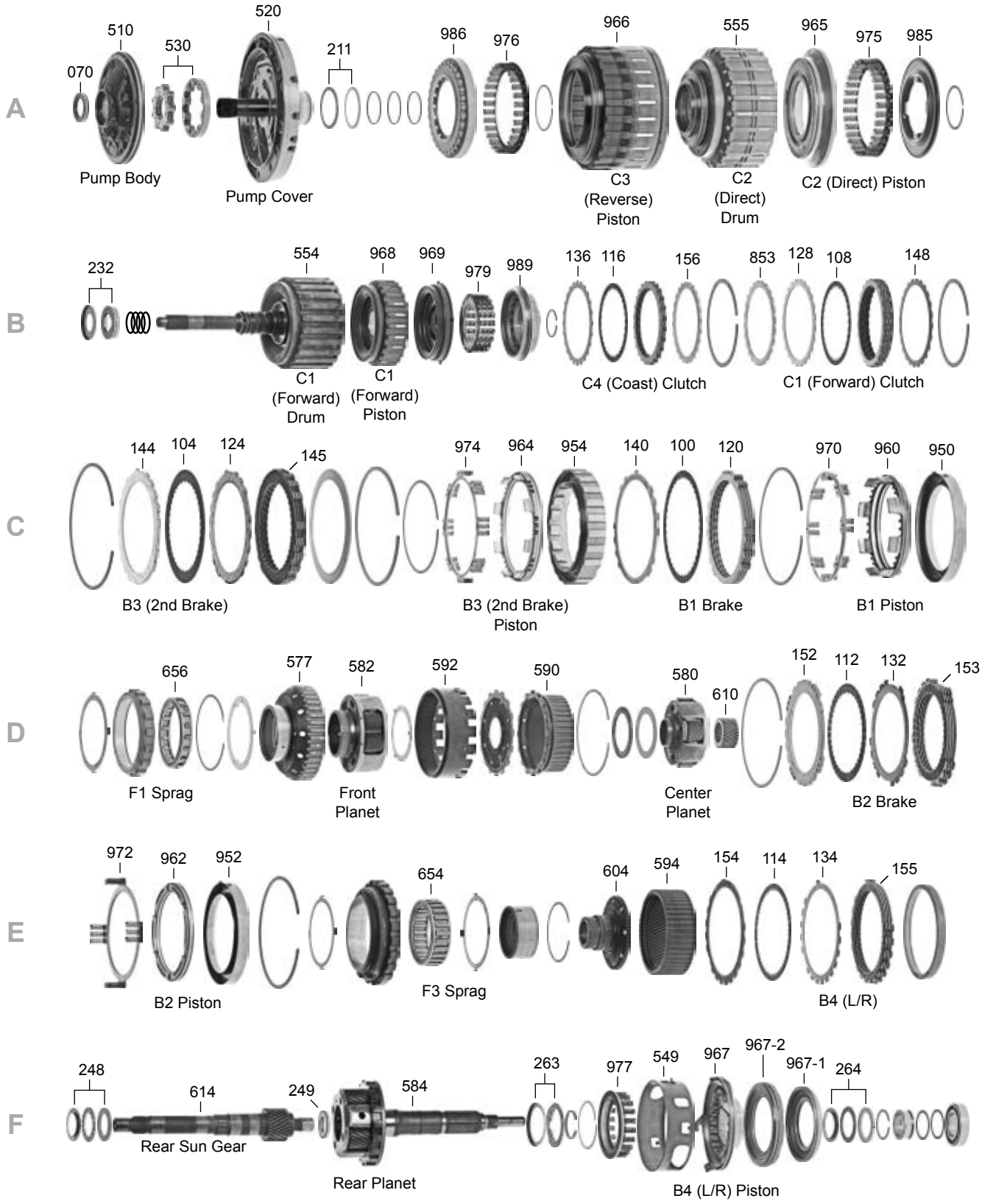


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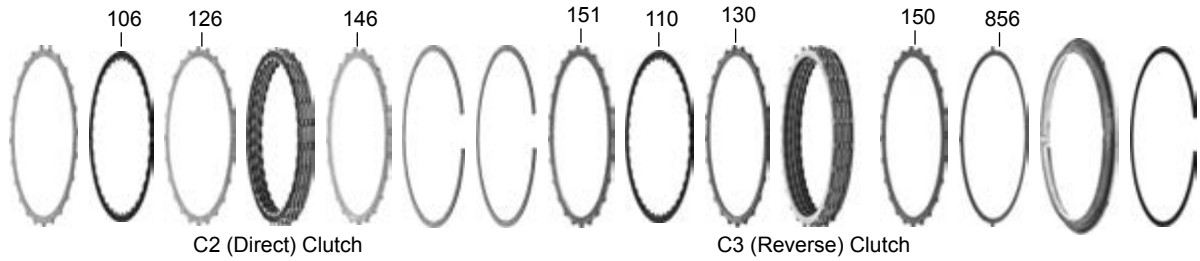
ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	A650E (Exc. GS300)	1	98-Up	77006	N.L.
006	A650E (GS300)	1	98-Up	77006A	N.L.
LESS STEEL KITS					
004	A650E (Exc. GS300)	1	98-Up	77004	N.L.
004	A650E (GS300)	1	98-Up	77004A	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	A650E	1	98-Up	77002	N.L.
FILTER KITS					
011	Filter Kit	1	98-Up	77011B	N.L.
FILTERS					
010L	Filter (Early 98 - Dealer Only # 35330-30030)	1	98-Up	77010B	35330-30050
BANDS					
022B	Brake Band	1	98-Up	97022	35810-30020
METAL CLAD SEALS					
070A	Seal, Pump	1	98-Up	57070A	90311-38077
FRICTION PLATES					
100G	Overdrive Brake	3-4	98-Up	97100	34633-50010
102A	Overdrive Direct	2	98-Up	97102	35633-30040
103I	3rd Brake	5	98-Up	77103	N.L.
104C	2nd Brake	5	98-Up	77104	N.L.
106H	Direct	5	98-Up	77106	N.L.
108H	Forward	5-6	98-Up	97108B	35677-50010
114E	Low/ Reverse	5-6	98-Up	77114	35683-30010
STEEL PLATES					
120G	Overdrive Brake	2-3	98-Up	97120C	34634-30021
122A	Overdrive Direct (.079”)	1-2	98-Up	97122	34616-30010
122A	Overdrive Direct (.098”)	1	98-Up	97122C	3549181-0
123I	3rd Brake	5	98-Up	77123	N.L.
124C	2nd Brake (.106”)	4	98-Up	77124	N.L.
124C	2nd Brake (.079”)	1	98-Up	77124A	N.L.
126H	Direct	5	98-Up	77126	N.L.
128H	Forward (.071”)	5	98-Up	67122A	35634-32010
128H	Forward (.055”)	1	98-Up	87122AA	35634-33020
128H	Forward (.091”)	5	98-Up	97128C	35634-30110
134E	Low/ Reverse	4-5	98-Up	77134	35693-30010
MISCELLANEOUS COMPONENTS					
165	Shift Kit® (Transgo®)	1	98-05	T77165	SK® A650
300L	Gasket, Pan (Cork)	1	98-Up	97300	N.L.
300L	Gasket, Pan (Fiber)	1	98-Up	97300F	N.L.
320	Gasket Package, Valve Body	1	98-Up	77320K	N.L.
431	Solenoid, EPC	1	98-01	77431	N.L.
425	Solenoid, Lock-Up (TCC)	1	98-01	77425	N.L.
428	Solenoid, Shift Control	1	98-01	77428	N.L.
584	Planet, Rear (4 Gear)	1	98-01	77584	35750-30020
N.I.	Lock-Up Relay Control Valve & Sleeve Kit (Sonnax)	1	98-Up	S97741CAK	77741-02K

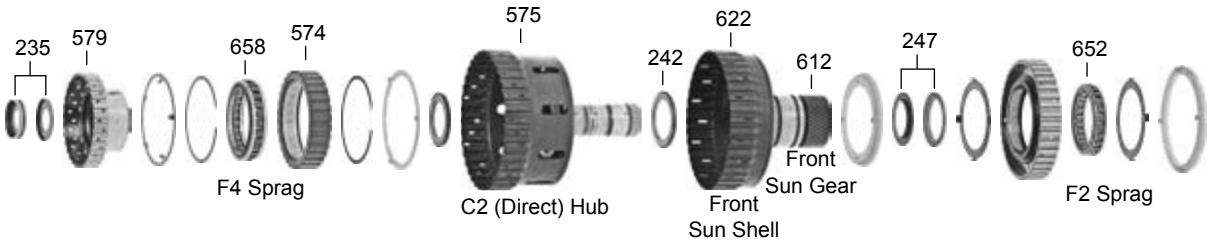
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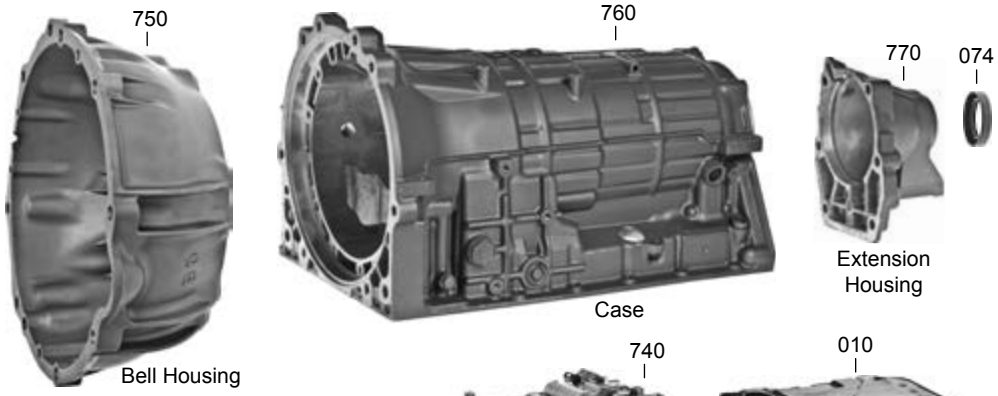
A750E, A760E, A761E, A960E

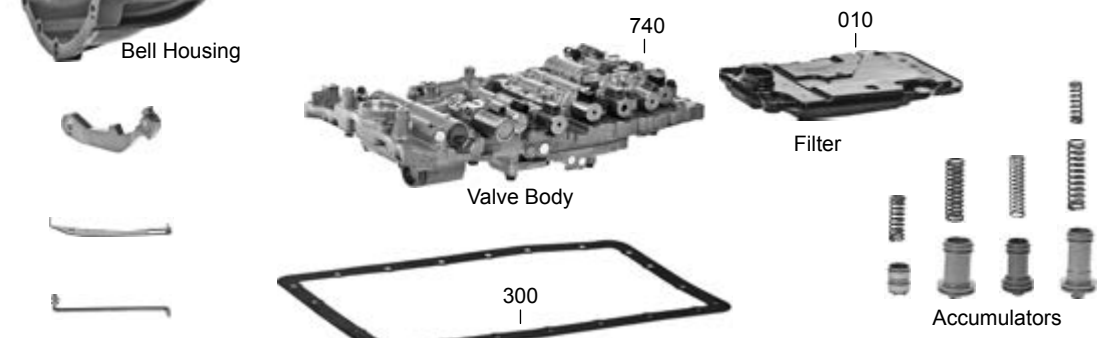


(A761E PHOTO)


106
126
146
151
110
130
150
856
C2 (Direct) Clutch
C3 (Reverse) Clutch


235
579
658
574
575
242
622
612
247
652
F4 Sprag
C2 (Direct) Hub
Front
Sun Shell
Front
Sun Gear
F2 Sprag


750
760
770
074
Bell Housing
Case
Extension
Housing

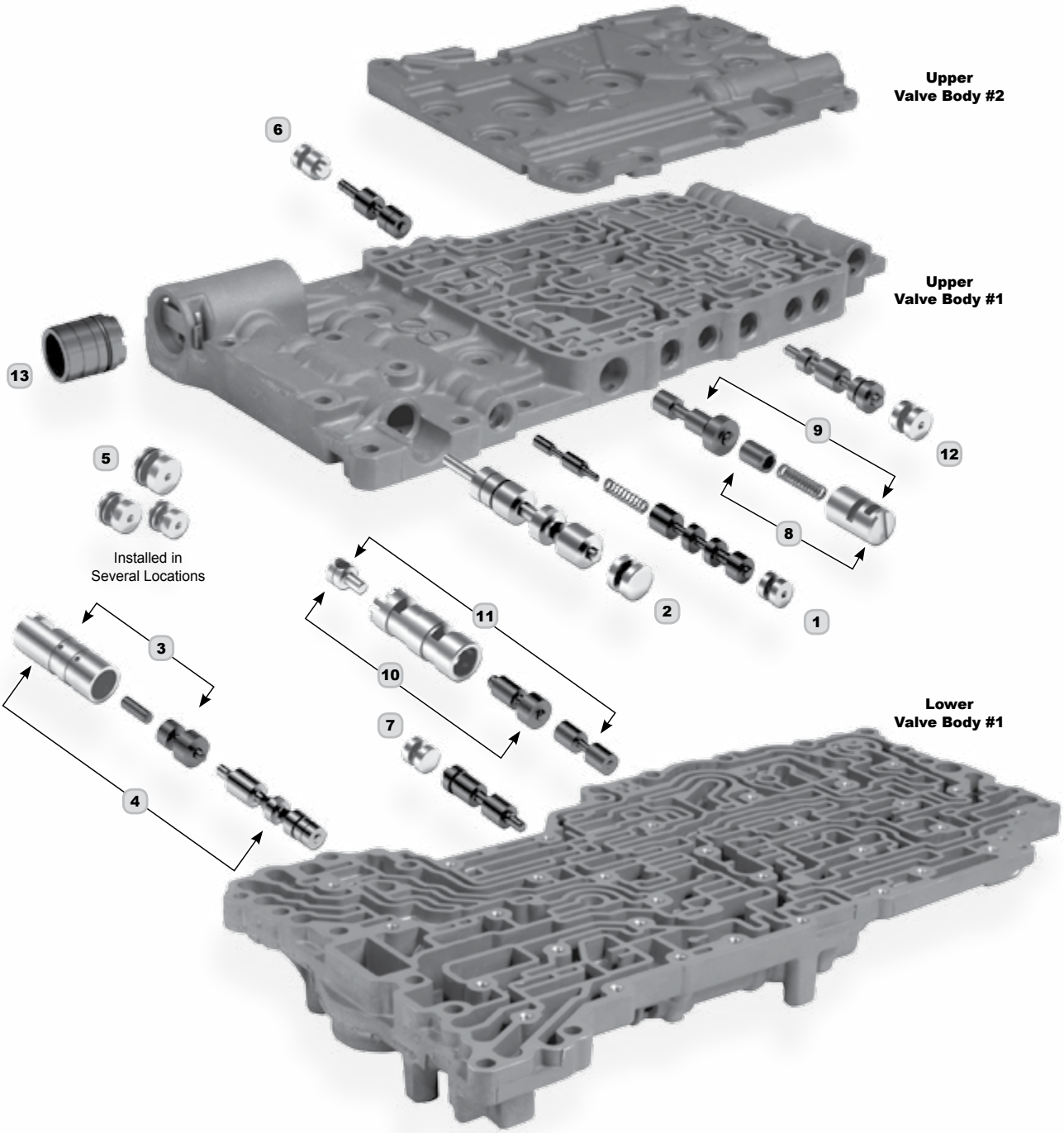

740
010
Valve Body
Filter
300
Accumulators


765
446
Pan
Harness

(A761E PHOTO)

A750E, A760E, A761E, A960E

VALVE BODY
GUIDE



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A750E, A760E, A761E, A960E



147300





147010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	A750E, A750F (w/ Pistons*)	1	03-Up	147006P	N.L.
006	A760E, A760H, A761E (w/ Pistons*)	1	04-Up	147006AP	N.L.
006	A960E (w/ Pistons*)	1	06-Up	147006DP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 147004N				
	LESS STEEL KITS				
004	A750E, A750F (w/ Pistons*)	1	03-Up	147004P	N.L.
004	A760E, A760H, A761E (w/ Pistons*)	1	04-Up	147004AP	N.L.
004	A960E (w/ Pistons*)	1	06-Up	147004DP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 147004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	A750E, A750F (w/out Pistons**)	1	03-Up	147002N	N.L.
002	A760E, A760H, A761E (w/out Pistons**)	1	04-Up	147002AN	N.L.
002	A960E (w/out Pistons**)	1	06-Up	147002DN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 147002P				
	FILTER KITS				
011	A750E, A750F	1	03-Up	147011	N.L.
011	A760E, A760H, A761E	1	04-Up	147011A	N.L.
011	A960E	1	06-Up	147011D	N.L.
	FILTERS				
010J	A750E, A750F	1	03-Up	147010	35330-60050
010J	A760E, A760H, A761E	1	04-Up	147010A	35330-50020
010J	A960E	1	06-Up	147010D	N.L.
	BUSHINGS				
034	Pump (A750, A760)	1	03-Up	57034A	N.L.
066	Extension Housing (A750, A760)	1	03-Up	97066	N.L.
	METAL CLAD SEALS				
070A	Pump (A750, A760)	1	03-Up	57070A	90311-38077
072	Manual Lever Shaft (A750, A760)	1	03-Up	60072	91209612003
074I	Extension Housing (A750E)	1	03-Up	97074	90311-40001
074I	Extension Housing (A760)	1	04-Up	97074C	90311-42024
074I	Extension Housing (A750F) (4wd)	1	03-Up	97074A	90311-48016
	FRICTION PLATES				
100C	B1 (A750, A760)	3-4	03-Up	147100	N.L.
100C	B1 (A960)	3	06-Up	147100D	N.L.
104C	B3 (A750, A760)	4	03-Up	147104	N.L.
104C	B3 (A960)	4	06-Up	147104D	N.L.
106G	C2 (A750, A760)	5-6	03-Up	147106	N.L.
106G	C2 (A960)	5	06-Up	147106D	N.L.
108B	C1 (A750)	6-7	03-Up	147108	N.L.
108B	C1 (A760)	4	04-Up	147108A	N.L.
108B	C1 (A960)	4	06-Up	147108D	N.L.
110G	C3 (A750, A760)	5	03-Up	147110	N.L.
110G	C3 (A960)	5	06-Up	147110D	N.L.
112D	B2 (A750, A760)	3	03-Up	147112	N.L.
112D	B2 (A960)	4	06-Up	147112D	N.L.
114E	B4 (A750, A760)	4-8	03-Up	147114	N.L.
114E	B4 (A960)	5	06-Up	147114D	N.L.

A750E, A760E, A761E, A960E

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES (Cont.)				
116B	C4 (A760)	3	04-Up	147116	N.L.
116B	C4 (A960)	4	06-Up	147116D	N.L.
	STEEL PLATES				
120C	B1 (A750, A760)	3-4	03-Up	147120	N.L.
120C	B1 (A960)	3	06-Up	147120D	N.L.
124C	B3 (A750, A760)	4	03-Up	147124	N.L.
124C	B3 (A960)	4	06-Up	147124D	N.L.
126G	C2 (A750, A760)	6	03-Up	147126	N.L.
126G	C2 (A960)	5	06-Up	147126D	N.L.
128B	C1 (A750)	5-6	03-Up	147128	N.L.
128B	C1 (A760)	4	04-Up	147128A	N.L.
128B	C1 (A960)	4	06-Up	147128D	N.L.
130G	C3 (A750, A760)	4	03-Up	147130	N.L.
130G	C3 (A960)	4	06-Up	147130D	N.L.
132D	B2 (A750, A760)	3	03-Up	147132	N.L.
132D	B2 (A960)	3	06-Up	147132D	N.L.
134E	B4 (A750, A760)	4-7	03-Up	147134	N.L.
134E	B4 (A960)	4	06-Up	147134D	N.L.
136B	C4 (A760)	3	04-Up	147136	N.L.
136B	C4 (A960)	4	06-Up	147136D	N.L.
	PRESSURE PLATES				
140C	B1 (A750, A760)	1	03-Up	147140	N.L.
144C	B3 Backing (A750, A760)	1	03-Up	147144	N.L.
146G	C2 (A750, A760)	1	03-Up	147146	N.L.
148B	C1 Backing (A750, A760)	1	03-Up	147148	N.L.
150G	C3 Backing (A750, A760)	1	03-Up	147150	N.L.
151G	C3 Apply (A750, A760)	1	03-Up	147151	N.L.
152D	B2 Backing (A750, A760)	1	03-Up	147152	N.L.
153D	B2 Apply (A750, A760)	1	03-Up	147153	N.L.
154E	B4 Backing (A750, A760)	1	03-Up	147154	N.L.
156B	C4 (A760)	1	04-Up	147156A	N.L.
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, A750E/F, A761E, A960E (Transgo®) (Tools Included)	1	03-Up	T147165D	SK® A750-WT
165	Shift Kit®, A750E/F, A761E, A960E (Transgo®) (No Tools Included)	1	03-Up	T147165DA	SK® A750-NT
165	Valve Body Kit (A750E/F) (RatioTek)	1	03-Up	A147165	RT-A750E
165	Valve Body Kit, Lexus (A761E) (RatioTek)	1	04-08	A147165A	RT-A761E
165	Valve Body Kit - Heavy Duty (A750E/F) (RatioTek)	1	03-Up	A147165B	RT-A750E-HD
165	Valve Body Kit - Heavy Duty (A761E) (RatioTek)	1	04-08	A147165C	RT-A761E-HD
	SEALING RINGS				
175	Sealing Ring Kit (A750, A760)	1	03-Up	147175	N.L.
175	Sealing Ring Kit (A960E)	1	06-Up	147175D	N.L.
	GASKETS & O-RINGS				
300J	Gasket, Pan (Cork) (A750, A760)	1	03-Up	147300	N.L.
300J	Gasket, Pan (Fiber) (A750, A760)	1	03-Up	147300F	N.L.
300J	Gasket, Pan (Cork) (A960E)	1	06-Up	147300D	N.L.
311	O-Ring, Pump Body to Stator (A750, A760)	1	03-Up	147311	N.L.
311	O-Ring, Pump Stator to Case (A750, A760)	1	03-Up	147311A	N.L.
320	Gasket Package, Valve Body (A750)	1	03-Up	147320K	N.L.
320	Gasket Package, Valve Body (A760)	1	04-Up	147320AK	N.L.
	TECHNICAL MANUALS				
400	Diagnostic Guide, Toyota, Lexus (A761E)	1	03-Up	147400AT	A761E DG
	ELECTRICAL COMPONENTS				
410	Switch, Neutral Safety (7 Pin, 2 Blade)	1	03-Up	147410	84540-04010
420	Solenoid, Linear (SL2) (A750)	1	03-Up	147420	35220-60010
420	Solenoid, Linear (SL2) (A760)	1	04-Up	147420B	35210-50010
421	Solenoid (SR) (A750)	1	03-Up	147421	35230-60010
421	Solenoid (SR) (A760)	1	04-Up	147421B	35240-50060
422	Solenoid (S2) (A750)	1	03-Up	147422	35250-60010
422	Solenoid (S2) (A760)	1	04-Up	147422B	35240-50050
423	Solenoid (S1) (A750)	1	03-Up	147423	35240-60010

A750E, A760E, A761E, A960E

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS (Cont.)				
423	Solenoid (S1) (A760)	1	04-Up	147423B	35240-50030
424	Solenoid (S3) (A750)	1	02-04	147424	35250-50030
425	Solenoid, Linear (SLU) (A750)	1	03-Up	147425	35280-60010
425	Solenoid, Linear (SLU) (A760)	1	04-Up	147425B	35280-30050
426	Solenoid (S4) (A760)	1	04-Up	147426B	35240-50040
428	Solenoid, Linear (SLT) (A750)	1	03-Up	147428	35290-60030
428	Solenoid, Linear (SLT) (A760)	1	04-Up	147428B	35290-34010
435	Solenoid, Linear (SL1) (A750)	1	03-Up	147435	35210-60010
435	Solenoid, Linear (SL1) (A760)	1	04-Up	147420B	35210-50010
436	Sensor, Input & Output (A750)	2	03-Up	147436	89413-32010
436	Sensor, Input & Output (A760)	2	04-Up	147436B	89413-32010
446	Connector w/ Harness (A750F) (04-05 LX470, 04 GX470, 04-05 Land Cruiser) (04 - 4Runner SR5 & Limited)	1	04-05	147446	82125-35130
446	Connector w/ Harness (A750E, A750G) (07-12 FJ Cruiser, 05-08 Sequoia) (05-12 Tacoma, 03-08 4Runner)	1	03-12	147446A	82125-60650
446	Connector w/ Harness (A760)	1	04-Up	147446B	82125-50070
	PUMPS				
500A	Pump Assembly (A750, A760)	1	03-Up	147500	N.L.
510A	Pump Body w/ Gears (A750, A760)	1	03-Up	147510	N.L.
520A	Pump Stator (A750, A760)	1	03-Up	147520	N.L.
530A	Pump Gears (9T Inner Gear) (A750, A760)	1	03-Up	147530	N.L.
	DRUMS & CLUTCH HUBS				
554B	Drum, C1 (Forward) (9.750" Tall) (A750)	1	03-Up	147554	N.L.
554B	Drum, C1 (Forward) (10" Tall) (A760)	1	04-Up	147554A	N.L.
555A	Drum, C2 (Direct) (A750, A760)	1	03-Up	147555	N.L.
575H	Hub w/ Shaft, C2 (Direct) (A750, A760)	1	03-Up	147575	N.L.
577H	Hub, B1 (A750, A760)	1	03-Up	147577	N.L.
579H	Hub w/ Race, C4 (Coast) (A760)	1	04-Up	147579A	N.L.
	PLANETS				
580D	Planet, Center (30T sun gear type) (A750)	1	03-Up	147580	N.L.
580D	Planet, Center (33T Sun Gear Type) (A760)	1	04-Up	147580A	N.L.
582D	Planet, Front (A750)	1	03-Up	147582	N.L.
582D	Planet, Front (A760)	1	04-Up	147582A	N.L.
584F	Planet, Rear (13" Long) (A750)	1	03-Up	147584	N.L.
584F	Planet, Rear (6.300" Long) (A750)	1	03-Up	147584A	N.L.
584F	Planet, Rear (11.300" Long) (A760)	1	04-Up	147584B	N.L.
590D	Ring Gear, Center (77T) (A750)	1	03-Up	147590	N.L.
590D	Ring Gear, Center (78T) (A760)	1	04-Up	147590A	N.L.
592D	Ring Gear, Front (91T, No Lugs) (A750)	1	03-Up	147592	N.L.
592D	Ring Gear, Front (91T, 16 Lugs) (A760)	1	04-Up	147592A	N.L.
594E	Ring Gear, Rear (63T) (A750)	1	03-Up	147594	N.L.
594E	Ring Gear, Rear (62T) (A760)	1	04-Up	147594A	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
610D	Sun Gear, Center (30T) (A750)	1	03-Up	147610	N.L.
610D	Sun Gear, Center (33T) (A760)	1	04-Up	147610A	N.L.
614F	Sun Gear, Rear w/ Shaft (1.730" OD) (A750)	1	03-Up	147614	N.L.
614F	Sun Gear, Rear w/ Shaft (1.860" OD) (A760)	1	04-Up	147614A	N.L.
622H	Shell w/ Sun Gear, Front (Reverse) (40T) (A750)	1	03-Up	147622	N.L.
622H	Shell w/ Sun Gear, Front (Reverse) (43T) (A760)	1	04-Up	147622A	N.L.
	ONE WAY CLUTCHES				
652H	Sprag, F2 (A750)	1	03-Up	147652	N.L.
652H	Sprag, F2 (A760)	1	04-Up	147652A	N.L.
654E	Sprag, F3 (A750)	1	03-Up	147654	N.L.
654E	Sprag, F3 (A760)	1	04-Up	147654A	N.L.
656D	Sprag, F1 (A750)	1	03-Up	147656	N.L.
656D	Sprag, F1 (A760)	1	04-Up	147656A	N.L.
658H	Sprag, F4 (A760)	1	04-Up	147658A	N.L.
	VALVE BODIES				
740I	Valve Body (Premium) (7 Solenoids) (A750)	1	03-Up	P147740-1	N.L.
740I	Valve Body (Premium) (9 Solenoids) (A760)	1	04-Up	P147740-2	N.L.
740I	Valve Body (Premium) (9 Solenoids) (A761)	1	04-Up	P147740-3	N.L.

A750E, A760E, A761E, A960E

ILL.		QTY.	YEAR	PART No.	REF. No.
	CASES & HOUSINGS				
750I	Bell Housing (8 Bolt) (A750)	1	03-Up	147750A	N.L.
750I	Bell Housing (10 Bolt) (A750)	1	03-Up	147750	N.L.
750I	Bell Housing (A760)	1	04-Up	147750B	N.L.
760I	Case (A750)	1	03-Up	147760	N.L.
760I	Case (A760)	1	04-Up	147760A	N.L.
765I	Bottom Pan (Drain Plug on Bottom) (A750)	1	03-Up	147765	N.L.
765I	Bottom Pan (Drain Plug on Side) (A760)	1	04-Up	147765A	N.L.
770I	Extension Housing (2wd) (A750)	1	03-Up	147770	N.L.
770I	Extension Housing (4wd) (A750)	1	03-Up	147770A	N.L.
770I	Extension Housing (A760)	1	04-Up	147770B	N.L.
	MISCELLANEOUS COMPONENTS				
549F	Apply Ring, B4 (Low/ Reverse) (A750)	1	03-Up	147549	N.L.
549F	Apply Ring, B4 (Low/ Reverse) (A760)	1	04-Up	147549A	N.L.
853B	Cushion, C1 (Forward) (A761E)	1	04-Up	147853A	N.L.
856G	Cushion, C3 (Reverse) (A750, A760)	1	03-Up	147856	N.L.
927	Piston Kit, B2 Accumulator O.S. (A760, A761) (T-VB-Fix, T-F-147741-TL13 req)	1	03-Up	S147927-1K	147741-13
932	Accumulator Pistons Kit (Superior)	1	03-Up	27932K	K089
950C	Piston Support, B1 (A750, A760)	1	03-Up	147950	N.L.
952E	Piston Support, B2 (A750, A760)	1	03-Up	147952	N.L.
954C	Piston Support, B3 (2nd Brake) (A750, A760)	1	03-Up	147954	N.L.
960	Piston Kit, Bonded (A760, A761)	1	04-Up	147960AK	N.L.
960	Piston Kit, Bonded (A960E)	1	06-Up	147960DK	N.L.
960C	Piston, B1 (A750, A760)	1	03-Up	147960	N.L.
962E	Piston, B2 (.570” Thick) (A750)	1	03-Up	147962	N.L.
962E	Piston, B2 (.450” Thick) (A760)	1	04-Up	147962A	N.L.
964C	Piston, B3 (2nd Brake) (A750, A760)	1	03-Up	147964	N.L.
965A	Piston, C2 (Direct) (A750, A760)	1	03-Up	147965	N.L.
966A	Piston, C3 (Reverse) (A750, A760)	1	03-Up	147966	N.L.
967F	Piston, B4 (Low/ Reverse) (2” Thick) (A750)	1	03-Up	147967	N.L.
967F	Piston, B4 (Low/ Reverse) (1.700” Thick) (A760)	1	04-Up	147967A	N.L.
967-1F	Piston, B4 (Low/ Reverse) (Small Type) (A750)	1	03-Up	147967-1	N.L.
967-1F	Piston, B4 (Low/ Reverse) (Small Type) (A760)	1	04-Up	147967-1A	N.L.
967-2F	Piston Sleeve, B4 (Low/ Reverse) (Large Type) (A750)	1	03-Up	147967-2	N.L.
967-2F	Piston Sleeve, B4 (Low/ Reverse) (Large Type) (A760)	1	04-Up	147967-2A	N.L.
968B	Piston, C1 (Forward) (A760)	1	04-Up	147968A	N.L.
968B	Piston, C1 (Forward) (Bonded) (A760)	1	04-Up	147968B	N.L.
970C	Retainer w/ Springs, B1 (16 Springs) (A750, A760)	1	03-Up	147970	N.L.
972E	Retainer w/ Springs, B2 (18 Springs) (A750)	1	03-Up	147972	N.L.
972E	Retainer w/ Springs, B2 (20 Springs) (A760)	1	04-Up	147972A	N.L.
974C	Retainer w/ Springs, B3 (2nd Brake) (A750, A760)	1	03-Up	147974	N.L.
975A	Retainer w/ Springs, C2 (Direct) (32 Springs) (A750, A760)	1	03-Up	147975	N.L.
976A	Retainer w/ Springs, C3 (Reverse) (A750)	1	03-Up	147976	N.L.
976A	Retainer w/ Springs, C3 (Reverse) (A760)	1	04-Up	147976A	N.L.
977F	Retainer w/ Springs, B4 (Low/ Reverse) (20 Springs) (A750, A760)	1	03-Up	147977	N.L.
979B	Retainer w/ Springs, C1 (Forward) (18 Springs) (A750)	1	03-Up	147979	N.L.
979B	Retainer w/ Springs, C1 (Forward) (20 Springs) (A760)	1	04-Up	147979A	N.L.
985A	Retainer, Piston (Bonded) C2 (Direct) (A750, A760)	1	03-Up	147985	N.L.
989B	Retainer, Piston (Bonded) C1 (Forward) (A750, A760)	1	03-Up	147989	N.L.

A750E, A760E, A761E, A960E

VOL.	SONNAX PRODUCTS	ILL. PAGE	QTY. ILL.	YEAR PART NO.	PART No. SONNAX NO.
Vol 9	Accumulator Piston (Sonnax)	N.I.	13	S27932	57917E-19K
Vol 9	End Plug Kit, A750	N.I.	5	S147741-6AK	147741-31K
Vol 9	End Plug Kit, A760, A761	N.I.	5	S147741-6K	147741-30K
Vol 9	Piston Kit, B2 Accumulator O.S. (A760, A761) (T-VB-Fix, T-F-147741-TL13 req)	N.I.	N.I.	S147927-1K	147741-13
Vol 9	Plunger & Sleeve kit, Lock-Up Control	N.I.	8	S147741C-2	147741-37K
Vol 9	Plunger & Sleeve kit, Lock-Up Control O.S. (T-F-147741-TL16 & T-VB-FIX Req)	N.I.	9	S147741C-2A	147741-16K
Vol 9	Plunger & Sleeve kit, Lock-Up Relay	N.I.	1	S147741C-1	147741-07K
Vol 9	Pressure Regulator Valve Kit O.S. (T-F-147741-TL4 Req)	N.I.	2	S147741PK	147741-10K
Vol 9	Solenoid Regulator Valve O.S. (T-F-147740-TL Req)	N.I.	N.I.	S147741P-1	144740A-1
Vol 9	Valve Kit, Clutch Control, O.S (A750) (T-VB-Fix, T-F-147741-TL22 req)	N.I.	7	147741HA-1K	147741-22K
Vol 9	Valve Kit, Clutch Control, O.S (A760, A761) (T-VB-Fix, T-F-147741-TL22 req)	N.I.	N.I.	S147741H-1K	147741-14K
Vol 9	Valve Kit, Accum Control Incl 2 O.S. Valves, Sleeve, Stop (T-147741-TL24 req)	N.I.	11	S147741EAK	147741-24K
Vol 9	Valve Kit, Accumulator Control Incl Valve, Sleeve, Valve Stop	N.I.	N.I.	S147741EK	147741-35K
Vol 9	Valve Kit, Brake Control O.S. (T-VB-Fix, T-F-147741-TL28 req)	N.I.	12	S147741L-1K	147741-28K
Vol 9	Valve Kit, Main Pressure Regulator & Boost (T-VB-Fix, T-F-147741-TL4 req)	N.I.	4	S147741RAK	147741-04K
Vol 9	Valve Kit, Reverse Boost	N.I.	3	S147741RK	147741-01K
Vol 9	Valve Kit, Solenoid Modulator O.S. Valve/End Plug (VB-Fix, F-147741-TL5 Req)	N.I.	6	S147741D-1K	147741-05K
Vol 9	Zip Kit, A750E-A761E	N.I.	N.I.	S147741ZK	750-761E-ZIP

Notes

A860E

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
N.I.	A860E	1	09-Up	99006D	N.L.
	LESS STEEL KITS				
N.I.	A860E	1	09-Up	99004D	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	A860E	1	09-Up	99002D	N.L.
	FILTER KITS				
N.I.	Filter Kit	1	09-Up	99011D	N.L.
	FILTERS				
010I	Filter	1	09-Up	99010	68019688AA
	METAL CLAD SEALS				
070A	Converter	1	09-Up	99070	68019663AA
N.I.	Manual Lever	2	09-Up	60072	68020054AA
074E	Rear (2wd)	1	09-Up	99074D	N.L.
074E	Rear (4wd)	1	09-Up	99074DA	N.L.
	BUSHINGS				
N.I.	Bushing Kit	1	09-Up	99030D	N.L.
N.I.	Pump	1	09-Up	99034	N.L.
N.I.	Input Shaft	1	09-Up	99047	N.L.
N.I.	Center Ring Gear Hub (Front)	1	09-Up	99057	N.L.
N.I.	Center Ring Gear Hub (Rear)	1	09-Up	99059	N.L.
N.I.	Rear Planet	2	09-Up	99058	N.L.
N.I.	One Way Clutch Inner Race	2	09-Up	99065D	N.L.
	FRICTION PLATES				
104G	B1	5	09-Up	99104D	N.L.
114E	B2	7	09-Up	99114D	N.L.
108F	K1	6	09-Up	99108D	N.L.
100A	K2	4	09-Up	99100D	N.L.
106B	K3	4	09-Up	99106D	N.L.
	STEEL PLATES				
124G	B1	4	09-Up	99124D	N.L.
134E	B2	6	09-Up	99134D	N.L.
128F	K1	6	09-Up	99128D	N.L.
120A	K2	4	09-Up	99120D	N.L.
126B	K3	4	09-Up	99120D	N.L.
	PRESSURE PLATES				
144G	B1 Apply	AR	09-Up	99150D	N.L.
145G	B1 Backing	AR	09-Up	99151D	N.L.
154E	B2 Apply	AR	09-Up	99144D	N.L.
155E	B2 Backing	AR	09-Up	99145D	N.L.
148F	K1	1	09-Up	99148D	N.L.
140F	K2	1	09-Up	99146D	N.L.
146B	K3	1	09-Up	99142D	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	09-Up	99175D	N.L.
	THRUST WASHERS				
211A	Pump	1	09-Up	99211	N.L.
214F	K2 to K1 Drum	1	09-Up	99214	N.L.
	BEARINGS & RACES				
249C	Center Hub (Front)	1	09-Up	99249	N.L.
249C	Center Hub (Rear)	1	09-Up	99249B	N.L.
238B	Front Planet (Rear)	1	09-Up	99238	N.L.
235B	Front Planet Ring Gear Hub	1	09-Up	99235	N.L.
228F	K1 Drum (Front)	1	09-Up	99228	N.L.
234F	K1 Hub (Front)	1	09-Up	99234	N.L.
236F	K1 Hub (Rear)	1	09-Up	99236	N.L.

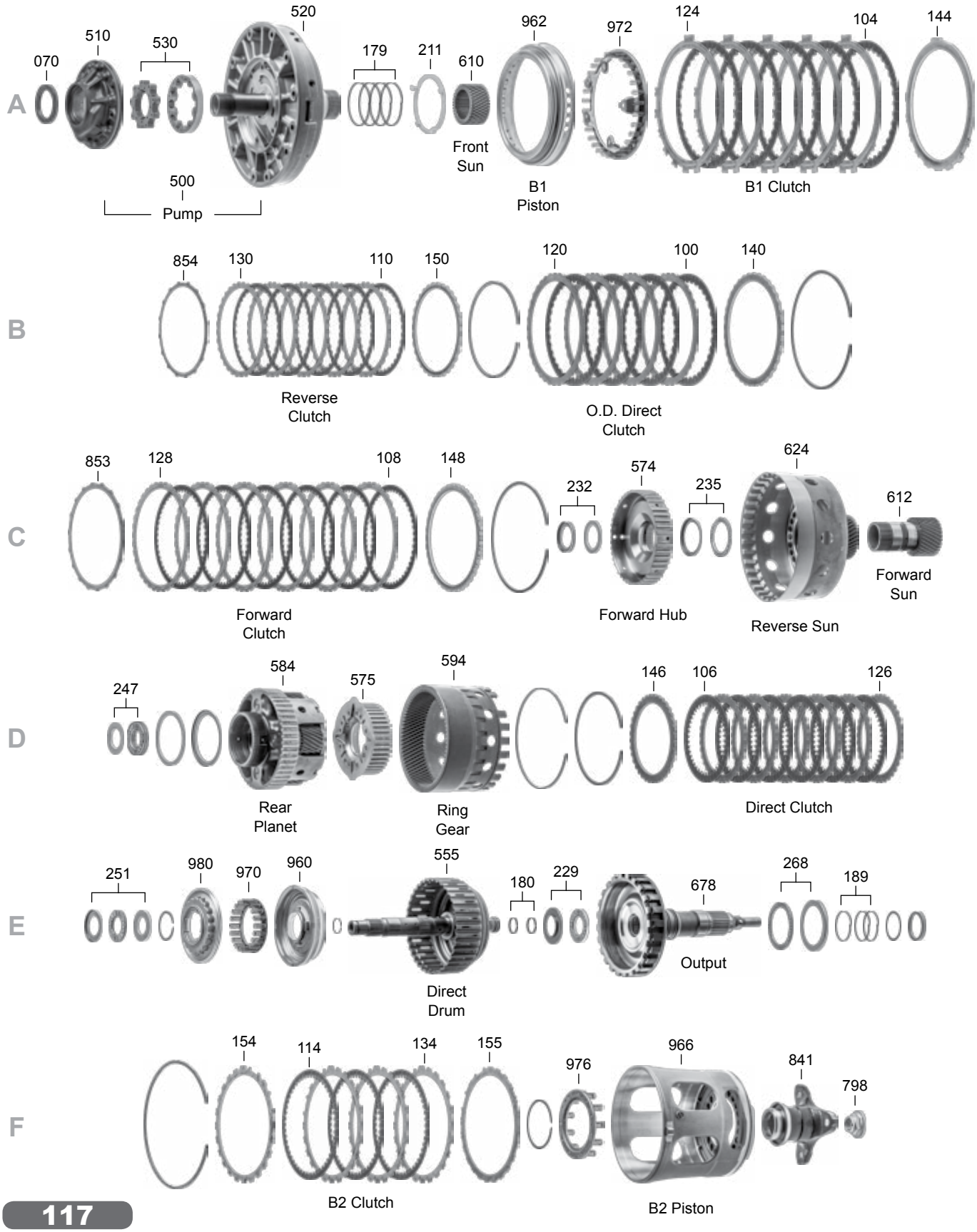
ILL.		QTY.	YEAR	PART No.	REF. No.
BEARINGS & RACES (Cont.)					
236F	K2 Hub (Rear)	1	09-Up	99236B	N.L.
231G	K3 Drum to Case	1	09-Up	99231	N.L.
227D	One Way Clutch (Inner Rear)	1	09-Up	99227	N.L.
268D	Output Bearing (Small)	1	09-Up	99268D	N.L.
268D	Output Bearing (Large)	1	09-Up	99268B	N.L.
N.I.	Output Bearing (Selective)	AR	09-Up	99270	N.L.
251C	Rear Planet (Rear)	1	09-Up	99251	N.L.
N.I.	Rear Planet Shim (Selective)	AR	09-Up	99252	N.L.
240C	Sun Gear Shaft (Front)	1	09-Up	99240D	N.L.
242C	Sun Gear Shaft (Rear)	1	09-Up	99242	N.L.
GASKETS & O-RINGS					
300J	Gasket, Pan	1	09-Up	99300DF	N.L.
310H	Gasket, Pump	1	09-Up	99310D	N.L.
311A	O-Ring, Pump	1	09-Up	99311D	N.L.
305E	Gasket, Extension Housing	1	09-Up	99305D	N.L.
319J	PTO Gasket	1-2	09-Up	111319	68020030AA
320	Valve Body Gasket Kit	1	09-Up	99320DK	N.L.
ELECTRICAL COMPONENTS					
N.I.	Switch, MLPS	1	09-Up	99410	N.L.
N.I.	Switch, Pressure (1/4” Thread)	3	09-Up	99411A	N.L.
N.I.	Switch, Pressure (1/8” Thread)	5	09-Up	99411B	N.L.
N.I.	Solenoid, Shift (On / Off)	4	09-Up	99421	N.L.
N.I.	Solenoid, Linear (28013044) (A, C, D)	3	09-Up	99428A	N.L.
N.I.	Solenoid, Linear (28013045) (B)	1	09-Up	99428B	N.L.
436I	Sensor, Output Speed (OSS)	1	09-Up	99436	N.L.
437	Sensor, TOT Cooler	1	09-Up	99437	N.L.
438I	Sensor, Input Speed (ISS)	1	09-Up	99438	N.L.
445I	Harness w/ Large Connector	1	09-Up	99445B	N.L.
445I	Harness w/ Small Connector	1	09-Up	99445A	N.L.
445I	Harness w/ TOT	1	09-Up	99445D	N.L.
445I	Harness w/ Pressure Switch	1	09-Up	99445C	N.L.
PUMPS					
500A	Pump Assembly	1	09-Up	99500D	N.L.
510A	Pump Body	1	09-Up	99510D	N.L.
520A	Pump Cover	1	09-Up	99520D	N.L.
530A	Pump Gears	1	09-Up	99530D	N.L.
DRUMS & CLUTCH HUBS					
552A	Drum, K2	1	09-Up	99552D	N.L.
554F	Drum, K1 w/ Shaft	1	09-Up	99554D	N.L.
555G	Drum, K3	1	09-Up	99555D	N.L.
572B	Hub, K2	1	09-Up	99572D	N.L.
574F	Hub, K1	1	09-Up	99574	N.L.
PLANETS, RING GEARS & HUBS					
582B	Planet, K1	1	09-Up	99582D	N.L.
584C	Planet, K3	1	09-Up	99584D	N.L.
585C	Planet, K2	1	09-Up	99585D	N.L.
592B	Ring Gear, K1	1	09-Up	99592D	N.L.
594D	Ring Gear, K3	1	09-Up	99594D	N.L.
595C	Ring Gear, K2	1	09-Up	99595D	N.L.
602B	Hub, K1 Ring Gear	1	09-Up	99602D	N.L.
604C	Hub, K3 Ring Gear (Sprag Race)	1	09-Up	99604D	N.L.
605C	Hub, K2 Ring Gear	1	09-Up	99605D	N.L.
SUN GEARS, SHELLS & SUPPORTS					
612B	Sun Gear, K1 w/ PTO	1	09-Up	99612D	N.L.
615C	Sun Gear, K2 (w/ Shaft)	1	09-Up	99615D	N.L.
ONE WAY CLUTCHES					
652D	F1 Sprag	1	09-Up	99652D	N.L.
604D	Inner Race (Hub, K3 Ring Gear)	1	09-Up	99604D	N.L.
665D	Outer Race	1	09-Up	99665D	N.L.

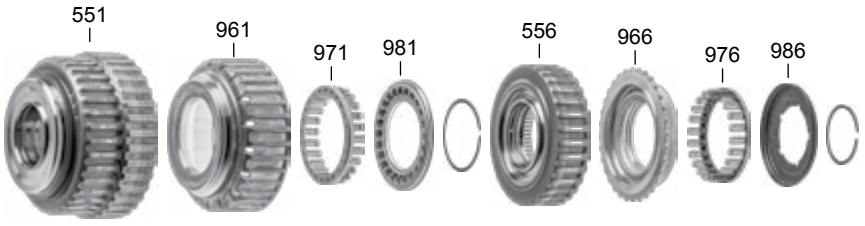
A860E

ILL.		QTY.	YEAR	PART No.	REF. No.
	SHAFTS				
678D	Output Shaft (2wd)	1	09-Up	99678D	N.L.
678D	Output Shaft (4wd)	1	09-Up	99678DA	N.L.
	VALVE BODIES				
740I	Valve Body	1	09-Up	99740D	N.L.
	CASES & HOUSINGS				
750H	Bell Housing	1	09-Up	99750D	N.L.
760H	Case	1	09-Up	99760D	N.L.
765J	Pan	1	09-Up	99765D	N.L.
766J	Cover, PTO	1	09-Up	99766D	N.L.
770E	Extension Housing (2wd)	1	09-Up	99770D	N.L.
770E	Extension Housing (4wd)	1	09-Up	99770DA	N.L.
	MISCELLANEOUS COMPONENTS				
698B	Lube Oil Dam, Front Planet (Bonded)	1	09-Up	99698D	N.L.
825	Gear, PTO	1	09-Up	99825D	N.L.
N.I.	Accumulator, Piston (Small)	1	09-Up	99927D	N.L.
N.I.	Accumulator, Piston (Medium)	1	09-Up	99932D	N.L.
N.I.	Accumulator, Piston (Large)	1	09-Up	99937D	N.L.
967E	Piston, B2	1	09-Up	99967D	N.L.
960A	Piston, K2	1	09-Up	99962D	N.L.
964F	Piston, K1	1	09-Up	99964D	N.L.
965G	Piston, K3	1	09-Up	99965D	N.L.
962G	Piston, B1	1	09-Up	99969D	N.L.
977E	Return Spring, B2	1	09-Up	99977D	N.L.
970A	Return Spring, K2	1	09-Up	99972D	N.L.
974F	Return Spring, K1	1	09-Up	99974D	N.L.
975G	Return Spring, K3	1	09-Up	99975D	N.L.
972G	Return Spring, B1	1	09-Up	99979D	N.L.
980A	Retainer, K2	1	09-Up	99982D	N.L.
984F	Retainer, K1 Clutch Balance (Bonded)	1	09-Up	99984D	N.L.
985G	Retainer, K3	1	09-Up	99985D	N.L.
997D	Speedo	1	09-Up	99997D	N.L.

Notes

Notes

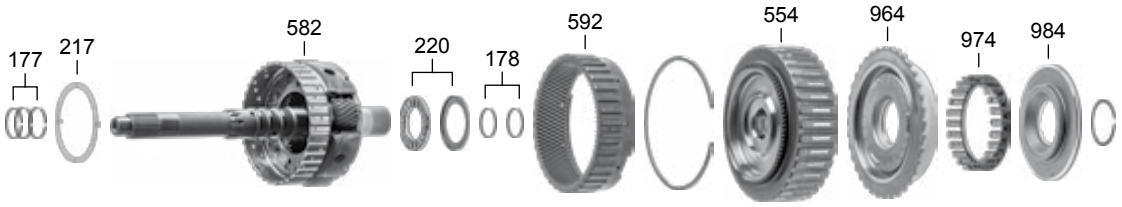

A
070
510
530
520
500
Pump
179
211
610
Front
Sun
962
B1
Piston
972
124
104
144
B1 Clutch
B
854
130
110
150
Reverse
Clutch
120
100
140
O.D. Direct
Clutch
C
853
128
108
148
Forward
Clutch
232
574
235
Forward Hub
624
Reverse Sun
612
Forward
Sun
D
247
584
575
Rear
Planet
594
Ring
Gear
146
106
126
Direct Clutch
E
251
980
970
960
555
Direct
Drum
180
229
678
Output
268
189
F
154
114
134
155
B2 Clutch
976
966
B2 Piston
841
798



O.D. Direct Drum

Reverse Drum

G

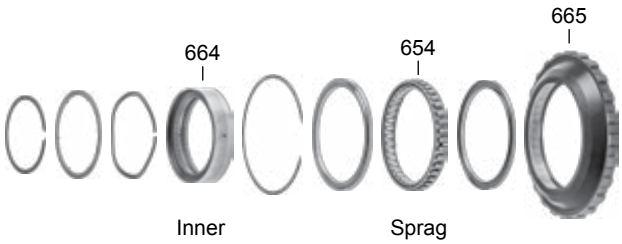


Front Planet

Front Ring Gear

Forward Drum

H

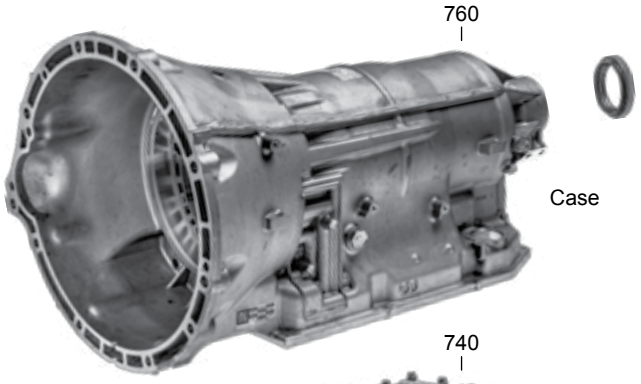


Inner Race

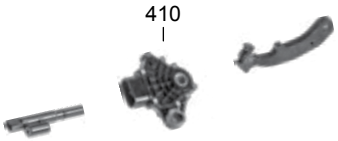
Sprag

Outer Race

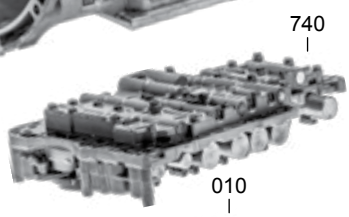
I



Case



J



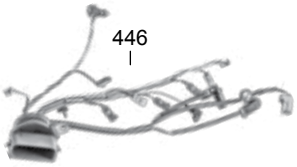
Valve Body



Filter



Pan



Harness

AA80E

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	AA80E (Toyota, Lexus)	1	07-Up	117006	N.L.
LESS STEEL KITS					
004	AA80E (Toyota, Lexus)	1	07-Up	117004	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	AA80E (Toyota, Lexus)	1	07-Up	117002	N.L.
FILTERS					
010J	Main	1	07-Up	117010	N.L.
BUSHINGS					
034	Pump	1	07-Up	117034	N.L.
036	Stator (Front)	1	07-Up	117036	N.L.
038	Overdrive Drum (Front)	1	07-Up	117038	N.L.
039	Overdrive Drum (Rear)	1	07-Up	117039	N.L.
048	Forward Drum	1	07-Up	117048	N.L.
054	Forward Sun Gear	2	07-Up	117054	N.L.
056	Reverse Sun Gear	2	07-Up	117056	N.L.
058	Rear Planet (Front)	1	07-Up	117058	N.L.
059	Rear Planet (Rear)	1	07-Up	117059	N.L.
METAL CLAD SEALS					
070A	Pump	1	07-Up	117070	N.L.
072	Manual Lever Shaft	2	07-Up	117072	N.L.
074J	Extension Housing	1	07-Up	117074	N.L.
FRICTION PLATES					
100B	Overdrive Direct	4	07-Up	117100	N.L.
104A	B1	5	07-Up	117104	N.L.
106D	Direct	6	07-Up	117106	N.L.
108C	Forward	6	07-Up	117108	N.L.
110B	Reverse	5	07-Up	117110	N.L.
114F	B2	4	07-Up	117114	N.L.
STEEL PLATES					
120B	Overdrive Direct	4	07-Up	117120	N.L.
124A	B1	5	07-Up	117124	N.L.
126D	Direct	6	07-Up	117126	N.L.
128C	Forward	6	07-Up	117128	N.L.
130B	Reverse	5	07-Up	117130	N.L.
134F	B2	4	07-Up	117134	N.L.
PRESSURE PLATES					
140B	Overdrive Direct	1	07-Up	117140	N.L.
144A	B1	1	07-Up	117144	N.L.
146D	Direct	1	07-Up	117146	N.L.
148C	Forward	1	07-Up	117148	N.L.
150B	Reverse	1	07-Up	117150	N.L.
154F	B2 (Backing Plate)	1	07-Up	117154	N.L.
155F	B2 (Apply Plate)	1	07-Up	117155	N.L.
SEALING RINGS					
175	Sealing Ring Kit	1	07-Up	117175	N.L.
177H	Input Shaft (Front)	3	07-Up	117177	N.L.
178H	Input Shaft (Rear)	2	07-Up	117177	N.L.
179A	Stator	4	07-Up	117179	N.L.
180E	Direct Drum (Rear)	2	07-Up	117180	N.L.
181E	Direct Drum (Front)	1	07-Up	117181	N.L.
189E	Output Shaft	3	07-Up	117189	N.L.
THRUST WASHERS					
211A	Stator	1	07-Up	117211	N.L.
217H	Front Planet	1	07-Up	117217	N.L.
244E	Output Shaft (Spacer)	1	07-Up	117244	N.L.
245E	Output Shaft (Shim)	1	07-Up	117245	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
BEARINGS - THRUST					
220H	Front Planet, Bearing & Race	1	07-Up	117220	N.L.
229E	Direct Drum, Bearing & Race	1	07-Up	117229	N.L.
232C	Forward Drum, Bearing & Race	1	07-Up	117232	N.L.
235C	Forward Hub , Bearing & Race	1	07-Up	117235	N.L.
247D	Reverse Sun Gear, Bearing & Race	1	07-Up	117247	N.L.
251E	Rear Planet, Bearing & Race (Rear)	1	07-Up	117251	N.L.
254D	Rear Planet, Bearing & Race (Front)	1	07-Up	117254	N.L.
268E	Case, Bearing & Race	1	07-Up	117268	N.L.
BEARINGS - MISCELLANEOUS					
N.I.	Case (Caged)	1	07-Up	117262	N.L.
N.I.	Case Bearing	1	07-Up	117263	N.L.
N.I.	Output Shaft (Caged)	1	07-Up	117271	N.L.
N.I.	Input Shaft (Caged)	1	07-Up	117287	N.L.
GASKETS & O-RINGS					
300	Gasket, Pan	1	07-Up	117300	N.L.
311	O-Ring, Pump	1	07-Up	117311	N.L.
313	O-Ring, Pump Cover	1	07-Up	117313	N.L.
320	Gasket Kit, Valve Body	1	07-Up	117320K	N.L.
ELECTRICAL COMPONENTS					
410	Switch, MLPS	1	07-Up	117410	N.L.
411	Switch, Pressure	1	07-Up	117411	N.L.
421	Solenoid, Brown Connector	1	07-Up	117421	N.L.
422	Solenoid, Black Connector	4	07-Up	117422	N.L.
423	Solenoid, Black Connector (Small)	1	07-Up	117423	N.L.
425	Solenoid, Black Connector (Medium)	1	07-Up	117425	N.L.
426	Solenoid, Black Connector (Next to Accumulator)	1	07-Up	117426	N.L.
427	Solenoid, Green Connector	1	07-Up	117427	N.L.
438	Sensor, ISS	1	07-Up	117438	N.L.
446J	Harness w/ Connector	1	07-Up	117446	N.L.
PUMPS					
500A	Pump	1	07-Up	117500	N.L.
510A	Pump Body w/ Gears	1	07-Up	117510	N.L.
520A	Pump Stator	1	07-Up	117520	N.L.
530A	Pump Gears (GEROTOR)	1	07-Up	117530	N.L.
DRUMS & CLUTCH HUBS					
551G	Overdrive Direct	1	07-Up	117551	N.L.
554H	Forward	1	07-Up	117554	N.L.
555E	Direct	1	07-Up	117555	N.L.
556G	Reverse	1	07-Up	117556	N.L.
574C	Hub, Forward	1	07-Up	117574	N.L.
575D	Hub, Direct	1	07-Up	117575	N.L.
PLANETS					
582H	Planet, Front	1	07-Up	117582	N.L.
584D	Planet, Rear Compound	1	07-Up	117584	N.L.
592H	Ring Gear, Front	1	07-Up	117592	N.L.
594D	Ring Gear, Rear	1	07-Up	117594	N.L.
SUN GEARS, SHELLS & SUPPORTS					
610A	Sun Gear, Front	1	07-Up	117610	N.L.
612C	Sun Gear, Forward	1	07-Up	117612	N.L.
624C	Sun Gear, Reverse w/ Shell	1	07-Up	117624	N.L.
ONE WAY CLUTCHES					
654I	Sprag	1	07-Up	117654	N.L.
655I	Outer Race	1	07-Up	117655	N.L.
664I	Inner Race	1	07-Up	117664	N.L.
664-3I	Inner Race Wave Spring	1	07-Up	117664-3	N.L.
664-5I	Inner Race Retainer	1	07-Up	117664-5	N.L.
SHAFTS					
678E	Output Shaft	1	07-Up	117678	N.L.

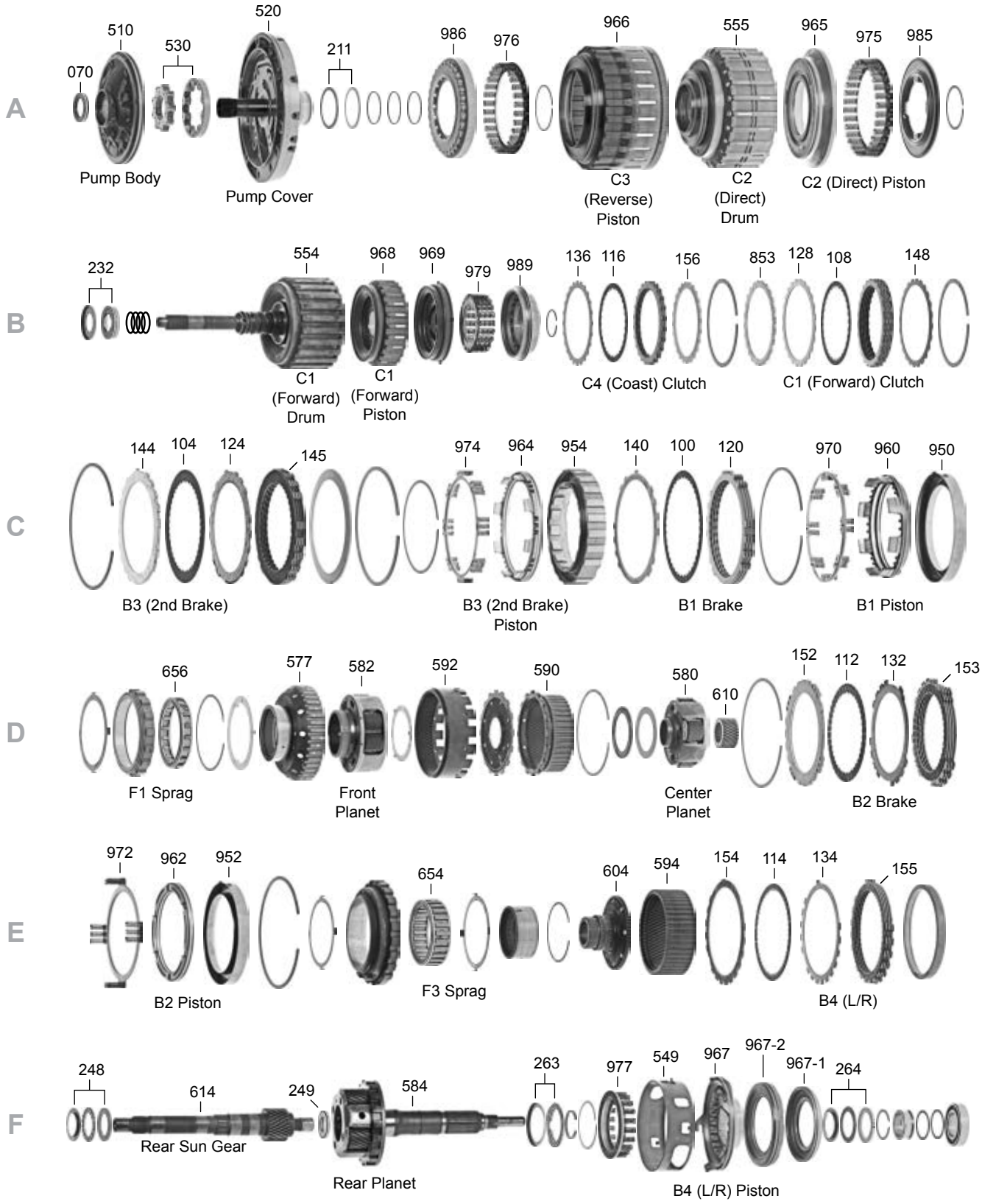
AA80E

ILL.		QTY.	YEAR	PART No.	REF. No.
	VALVE BODIES				
740J	Valve Body	1	07-Up	117740	N.L.
	CASES & HOUSINGS				
760J	Case	1	07-Up	117760	N.L.
765J	Bottom Pan	1	07-Up	117765	N.L.
	MISCELLANEOUS COMPONENTS				
798F	Nut, Output Flange	1	07-Up	117798	N.L.
841F	Output Flange	1	07-Up	117841	N.L.
853C	Cushion, Forward	1	07-Up	117853	N.L.
854B	Cushion, Reverse	1	07-Up	117854	N.L.
960E	Piston, Direct	1	07-Up	117960	N.L.
961G	Piston, Overdrive Direct	1	07-Up	117961	N.L.
962A	Piston, B1	1	07-Up	117962	N.L.
964H	Piston, Forward	1	07-Up	117964	N.L.
966G	Piston, Reverse	1	07-Up	117966	N.L.
968F	Piston, B2	1	07-Up	117968	N.L.
970E	Return Spring, Direct	1	07-Up	117970	N.L.
971G	Return Spring, Overdrive Direct	1	07-Up	117971	N.L.
972A	Return Spring, B1	1	07-Up	117972	N.L.
974H	Return Spring, Forward	1	07-Up	117974	N.L.
976G	Return Spring, Reverse	1	07-Up	117976	N.L.
978F	Return Spring, B2	1	07-Up	117978	N.L.
980E	Retainer, Direct	1	07-Up	117980	N.L.
981G	Retainer, Overdrive Direct	1	07-Up	117981	N.L.
984H	Retainer, Forward	1	07-Up	117984	N.L.
986G	Retainer, Reverse	1	07-Up	117986	N.L.

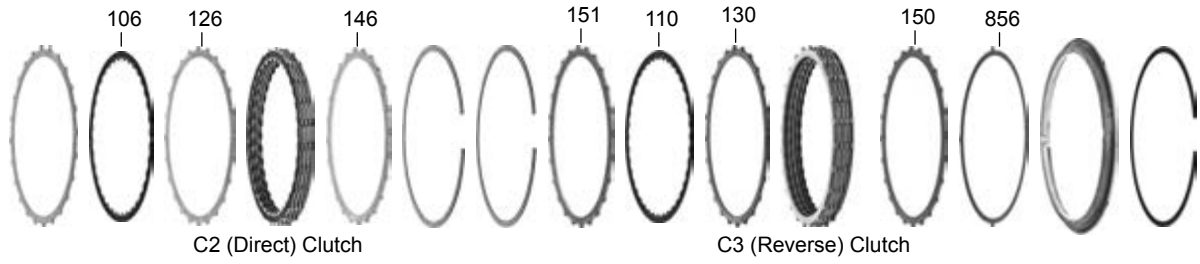
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AB60E

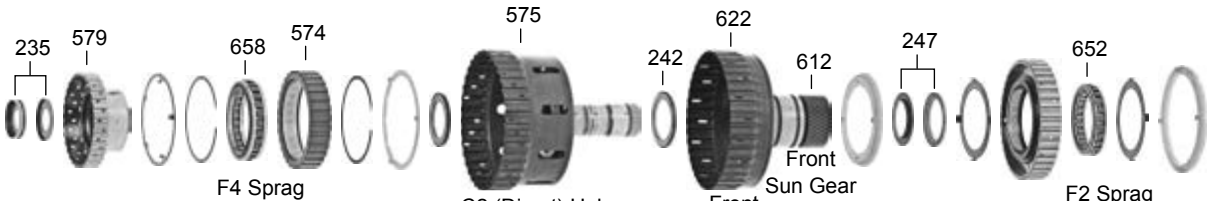


(A761E PHOTO)



C2 (Direct) Clutch

C3 (Reverse) Clutch



F4 Sprag

C2 (Direct) Hub

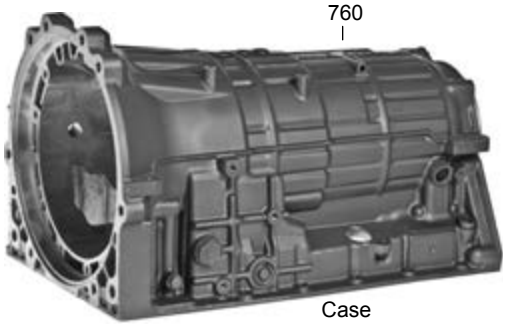
Front Sun Shell

Front Sun Gear

F2 Sprag



Bell Housing



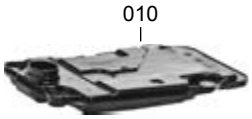
Case



Extension Housing



Valve Body



Filter

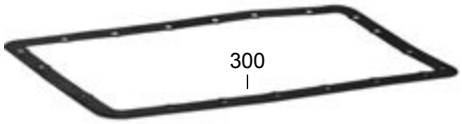














Accumulators



Pan



Harness

(A761E PHOTO)

AB60E

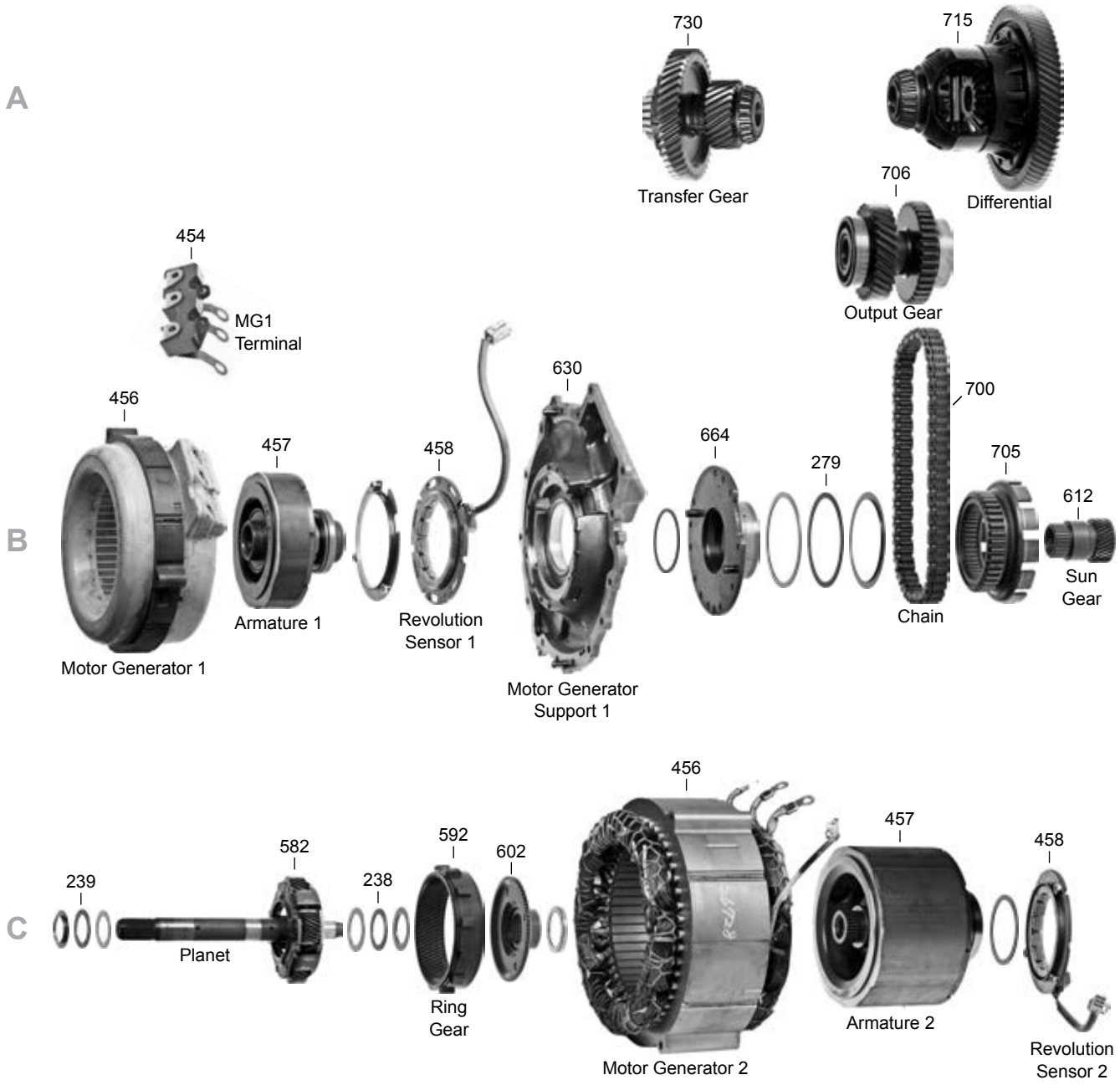
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	AB60E (w/ Pistons)	1	07-Up	157006P	N.L.
006	AB60E (w/out Pistons)	1	07-Up	157006N	N.L.
	LESS STEEL KITS				
004	AB60E (w/ Pistons)	1	07-Up	157004P	N.L.
004	AB60E (w/out Pistons)	1	07-Up	157004N	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	AB60E (w/ Pistons)	1	07-Up	157002P	N.L.
002	AB60E (w/out Pistons)	1	07-Up	157002N	N.L.
	FILTER KITS				
011	AB60E	1	07-Up	157011	N.L.
	FILTERS				
010J	AB60E	1	07-Up	157010	35330-60060
	BUSHINGS				
034	Pump	1	07-Up	157034	N.L.
066	Extension Housing	1	07-Up	157066	N.L.
	METAL CLAD SEALS				
070A	Pump	1	07-Up	157070	N.L.
072	Manual Lever	1	07-Up	157072	N.L.
074I	Extension Housing (2wd)	1	07-Up	157074	N.L.
074I	Extension Housing (4wd)	1	07-Up	157074A	N.L.
	FRICTION PLATES				
100C	B1	4	07-Up	157100	N.L.
104C	B3 (2nd Brake)	4	07-Up	157104	35056-60040
106G	C2 (Direct)	5	07-Up	157106	35667-60030
108B	C1 (Forward)	6	07-Up	157108	35633-60090
110G	C3 (Reverse)	5	07-Up	157110	35677-60040
112D	B2	4	07-Up	157112	N.L.
114E	B4 (Low/ Reverse)	7	07-Up	157114	35684-34020
116B	C4 (Coast)	4	07-Up	157116	35685-60010
	STEEL PLATES				
120C	B1	4	07-Up	157120	35691-34020
124C	B3 (2nd Brake)	3	07-Up	157124	35066-60040
126G	C2 (Direct)	5	07-Up	157126	35647-60020
128B	C1 (Forward)	6	07-Up	157128	35634-60030
130G	C3 (Reverse)	4	07-Up	157130	35648-60020
132D	B2	3	07-Up	157132	35692-60020
134E	B4 (Low/ Reverse)	6	07-Up	157134	35694-60020
136B	C4 (Coast)	4	07-Up	157136	35695-60010
	PRESSURE PLATES				
140C	B1	1	07-Up	157140	N.L.
144C	B3 (Backing)	1	07-Up	157144	N.L.
145C	B3 (Apply)	1	07-Up	157145	N.L.
146G	C2	1	07-Up	157146	N.L.
148B	C1 (Backing)	1	07-Up	157148	N.L.
150G	C3 (Backing)	1	07-Up	157150	N.L.
151G	C3 (Apply)	1	07-Up	157151	N.L.
152D	B2 (Backing)	1	07-Up	157152	N.L.
153D	B2 (Apply)	1	07-Up	157145	N.L.
154E	B4 (Backing)	1	07-Up	157154	N.L.
155E	B4 (Apply)	1	07-Up	157155	N.L.
156B	C4	1	07-Up	157156	N.L.
	SEALING RINGS				
175	Sealing Ring Kit	1	07-Up	157175	N.L.

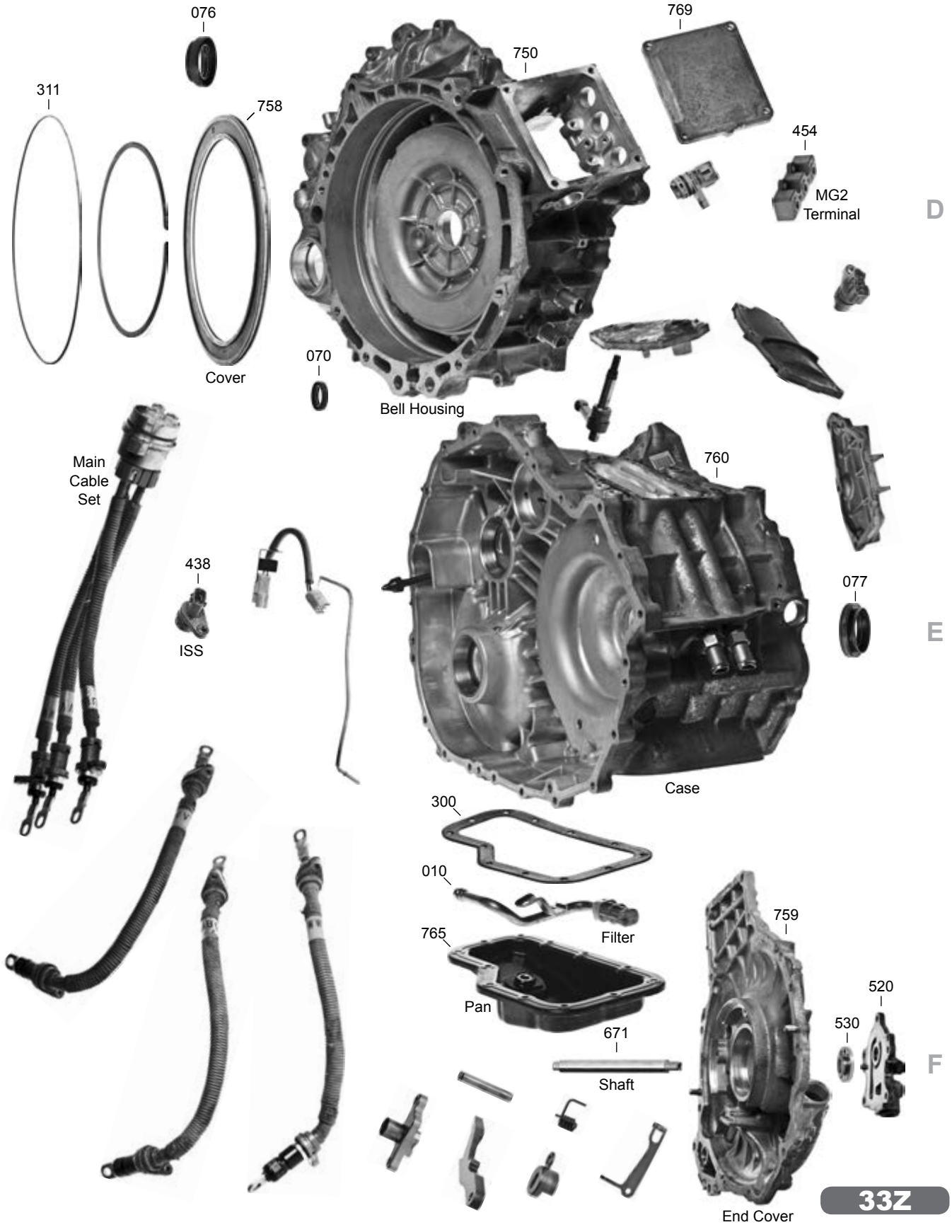
ILL.		QTY.	YEAR	PART No.	REF. No.
	GASKETS & O-RINGS				
300J	Gasket, Pan (Molded)	1	07-Up	157300	35168-34010
311	O-Ring, Pump (Small)	1	07-Up	157311	N.L.
311	O-Ring, Pump (Large)	1	07-Up	157311A	N.L.
	ELECTRICAL COMPONENTS				
420	Solenoid, Linear (SL2)	1	07-Up	147420B	35210-50010
421	Solenoid (SR)	1	07-Up	147421B	35240-50060
422	Solenoid (S2)	1	07-Up	147422B	35240-50050
423	Solenoid (S1)	1	07-Up	147423B	35240-50030
424	Solenoid (S3)	1	07-Up	147423B	35250-50030
425	Solenoid, Linear (SLU)	1	07-Up	157425	35290-34010
426	Solenoid (S4)	1	07-Up	147426B	35240-50040
428	Solenoid, Linear (SLT)	1	07-Up	157425	35290-34010
435	Solenoid, Linear (SL1)	1	07-Up	147420B	35210-50010
436	Sensor, Input & Output	2	07-Up	157436	89413-0C020
446	Connector w/ Harness (01/07 to 11/07)	1	07-E07	157446	82125-34020
446	Connector w/ Harness (12/07-Up)	1	L07-Up	157446A	82125-60660
	PUMPS				
500A	Pump Assembly	1	07-Up	157500	N.L.
510A	Pump Body w/ Gears	1	07-Up	157510	N.L.
520A	Pump Stator	1	07-Up	157520	N.L.
530A	Pump Gears	1	07-Up	157530	N.L.
	DRUMS & CLUTCH HUBS				
554B	Drum, C1 (Forward)	1	07-Up	157554	N.L.
555A	Drum, C2 (Direct)	1	07-Up	157555	N.L.
575H	Hub w/ Shaft, C2 (Direct)	1	07-Up	157575	N.L.
577H	Hub, B1	1	07-Up	157577	N.L.
579H	Hub w/ Race, C4 (Coast)	1	07-Up	157579	N.L.
	PLANETS				
580D	Planet, Center	1	07-Up	157580	N.L.
582D	Planet, Front	1	07-Up	157582	N.L.
584F	Planet, Rear	1	07-Up	157584C	N.L.
590D	Ring Gear, Center	1	07-Up	157590	N.L.
592D	Ring Gear, Front	1	07-Up	157592	N.L.
594E	Ring Gear, Rear	1	07-Up	157594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
610D	Sun Gear, Center	1	07-Up	157610	N.L.
612H	Sun Gear	1	07-Up	157612	N.L.
614F	Sun Gear, Rear w/ Shaft	1	07-Up	157614	N.L.
622H	Sun Gear Shell	1	07-Up	157622	N.L.
	ONE WAY CLUTCHES				
652H	Sprag, F2	1	07-Up	157652	N.L.
654E	Sprag, F3	1	07-Up	157654	N.L.
656D	Sprag, F1	1	07-Up	157656	N.L.
658H	Sprag, F4	1	07-Up	157658	N.L.
	VALVE BODIES				
740I	Valve Body	1	07-Up	157740	N.L.
	CASES & HOUSINGS				
750I	Bell Housing	1	07-Up	157750	N.L.
760I	Case	1	07-Up	157760	N.L.
765I	Bottom Pan	1	07-Up	157765	N.L.
770I	Extension Housing (2wd)	1	07-Up	157770	N.L.
770I	Extension Housing (4wd)	1	07-Up	157770A	N.L.
	MISCELLANEOUS COMPONENTS				
549F	Apply Ring, B4 (Low/ Reverse)	1	07-Up	157549	N.L.
853B	Cushion, C1 (Forward)	1	07-Up	157853	N.L.
856G	Cushion, C3 (Reverse)	1	07-Up	157856	N.L.
950C	Piston Support, B1	1	07-Up	157950	N.L.
952E	Piston Support, B2	1	07-Up	157952	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
954C	Piston Support, B3 (2nd Brake)	1	07-Up	157954	N.L.
960	Piston Kit (Bonded)	1	07-Up	157960K	N.L.
960C	Piston, B1	1	07-Up	157960	N.L.
962E	Piston, B2	1	07-Up	157962	N.L.
964C	Piston, B3 (2nd Brake)	1	07-Up	157964	N.L.
965A	Piston, C2 (Direct)	1	07-Up	157965	N.L.
966A	Piston, C3 (Reverse)	1	07-Up	157966	N.L.
967-2F	Piston Sleeve, B4 (Low/ Reverse) (Large Type)	1	07-Up	157967-2	N.L.
968B	Piston, C1 (Forward)	1	07-Up	157968C	N.L.
970C	Retainer w/ Springs, B1	1	07-Up	157970	N.L.
972E	Retainer w/ Springs, B2	1	07-Up	157972	N.L.
974C	Retainer w/ Springs, B3 (2nd Brake)	1	07-Up	157974	N.L.
975A	Retainer w/ Springs, C2 (Direct)	1	07-Up	157975	N.L.
976A	Retainer w/ Springs, C3 (Reverse)	1	07-Up	157976	N.L.
977F	Retainer w/ Springs, B4 (Low/ Reverse)	1	07-Up	157977	N.L.
979B	Retainer w/ Springs, C1 (Forward)	1	07-Up	157979	N.L.
985A	Retainer, Piston (Bonded) C2 (Direct)	1	07-Up	157985	N.L.
989B	Retainer, Piston (Bonded) C1 (Forward)	1	07-Up	157989	N.L.

Notes

Notes


A
730
Transfer Gear
715
Differential
706
Output Gear
454
MG1
Terminal
B
456
Motor Generator 1
457
Armature 1
458
Revolution
Sensor 1
630
Motor Generator
Support 1
664
279
700
Chain
705
612
Sun
Gear
C
239
582
Planet
238
592
Ring
Gear
602
456
Motor Generator 2
457
Armature 2
458
Revolution
Sensor 2


076
769
750
311
758
454
MG2
Terminal
D
Cover
070
Bell Housing
Main
Cable
Set
760
438
077
E
ISS
Case
300
010
Filter
765
759
Pan
520
530
671
F
Shaft
End Cover
33Z

P110, P111, P112 PRIUS





ILL.		QTY.	YEAR	PART No.	REF. No.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	P110, P111, P112	1	00-Up	33002Z	N.L.
	FILTERS				
010F	Screen, Tube	1	00-03	33010Z	N.L.
	BUSHINGS				
N.I.	Bushing Kit	1	00-03	33030Z	N.L.
N.I.	Sun Gear	2	00-03	33052Z	N.L.
N.I.	Motor Generator 2 (Front)	1	00-03	33057Z	N.L.
N.I.	Motor Generator 2 (Rear)	2	00-03	33059Z	N.L.
	METAL CLAD SEALS				
070D	Input	1	00-03	33070Z	N.L.
076D	Axle Right (Bell)	1	00-03	33076Z	N.L.
077E	Axle Left (Case)	1	00-03	33077Z	N.L.
	THRUST WASHERS & BEARINGS				
238C	Bearing, Planet (Rear)	1	00-03	33238Z	N.L.
239C	Bearing, Planet (Front)	2	00-03	33239Z	N.L.
279B	Thrust Washer, Drive Gear	1	00-03	33279Z	N.L.
	GASKETS & O-RINGS				
300F	Pan Gasket	1	00-03	33300Z	N.L.
	ELECTRICAL COMPONENTS				
438E	Sensor, ISS	1	00-03	33438Z	N.L.
454A	Motor Generator Terminal 1	1	00-03	33454Z	N.L.
454D	Motor Generator Terminal 2	1	00-03	33454ZA	N.L.
456B	Motor Generator 1	1	00-03	33456Z	N.L.
456C	Motor Generator 2	1	00-03	33456ZA	N.L.
457B	Armature 1	1	00-03	33457Z	N.L.
457C	Armature 2	1	00-03	33457ZA	N.L.
458B	Revolution Sensor 1	1	00-03	33458Z	N.L.
458C	Revolution Sensor 2	1	00-03	33458ZA	N.L.
	PUMPS				
520F	Pump Cover	1	00-03	33520Z	N.L.
530F	Pump Gears	1	00-03	33530Z	N.L.
	PLANETS				
582C	Planet w/ Shaft	1	00-03	33582Z	N.L.
592C	Ring Gear	1	00-03	33592Z	N.L.
602C	Ring Gear Hub	1	00-03	33602Z	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612B	Sun Gear, Forward	1	00-03	33612Z	N.L.
664B	Support, Inner Race	1	00-03	36664Z	N.L.
	SHAFTS				
671F	Shaft, Pump	1	00-03	33671Z	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	CHAINS & SPROCKETS				
700B	Chain	1	00-03	33700Z	N.L.
705B	Drive Sprocket	1	00-03	33705Z	N.L.
706A	Driven Sprocket (Output Gear)	1	00-03	33706Z	N.L.
	DIFFERENTIALS				
715A	Differential	1	00-03	33715Z	N.L.
730A	Transfer Gear w/ Pinion	1	00-03	33730Z	N.L.
	CASES & HOUSINGS				
750D	Bell Housing	1	00-03	33750Z	N.L.
758D	Bell Housing Cover	1	00-03	33758Z	N.L.
760E	Case	1	00-03	33760Z	N.L.
765F	Pan, Lower	1	00-03	33765Z	N.L.
759F	Cover, End (Pump)	1	00-03	33759Z	N.L.
769D	Cover, Cooler Reservoir	1	00-03	33769Z	N.L.

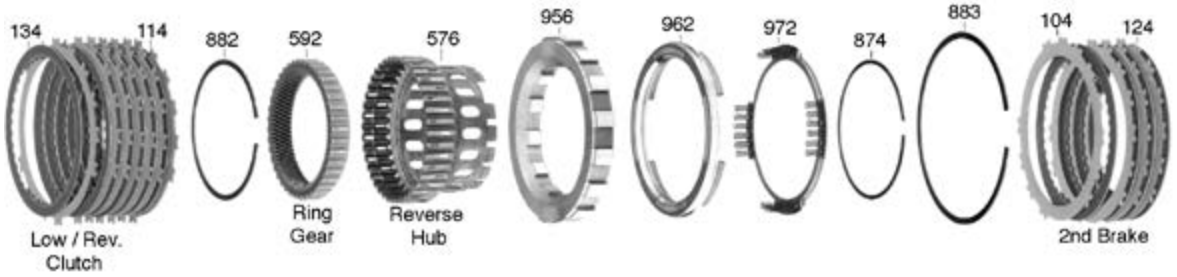
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U140, U240, U241

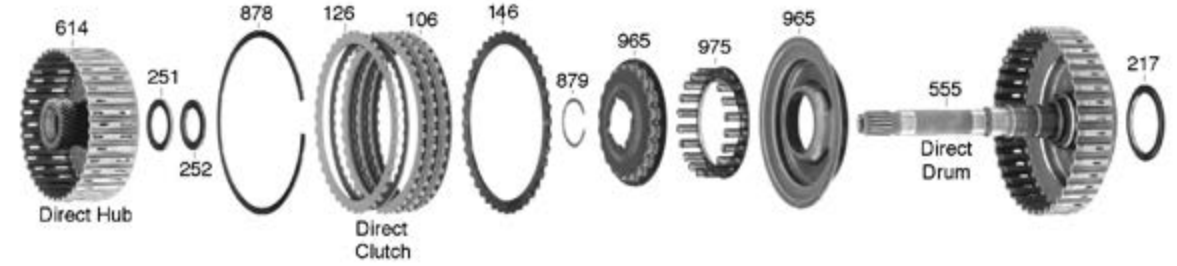
A



B



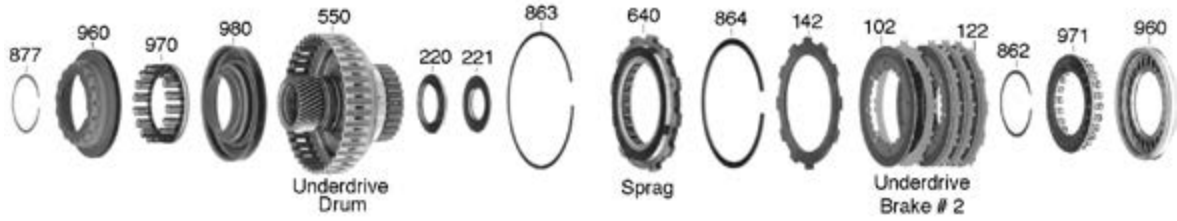
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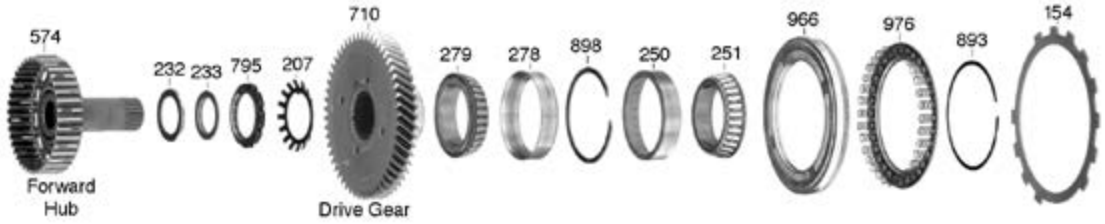
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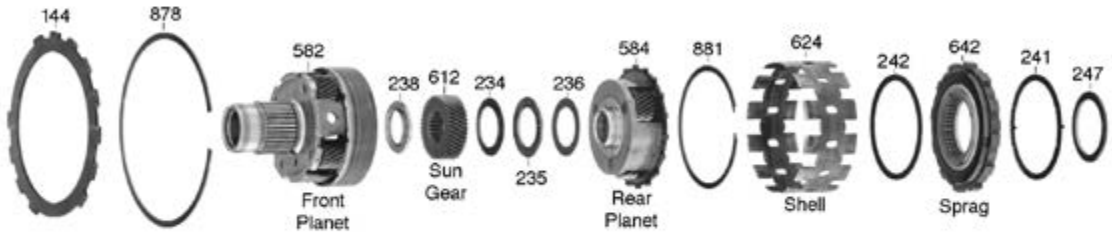
E



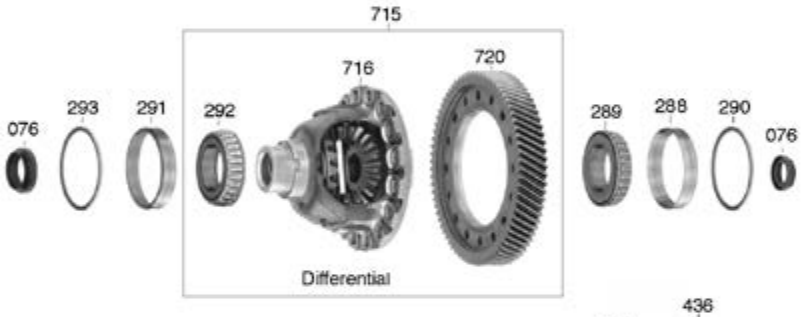
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574
232
233
795
207
710
279
278
898
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251
966
976
893
154
Forward Hub
Drive Gear

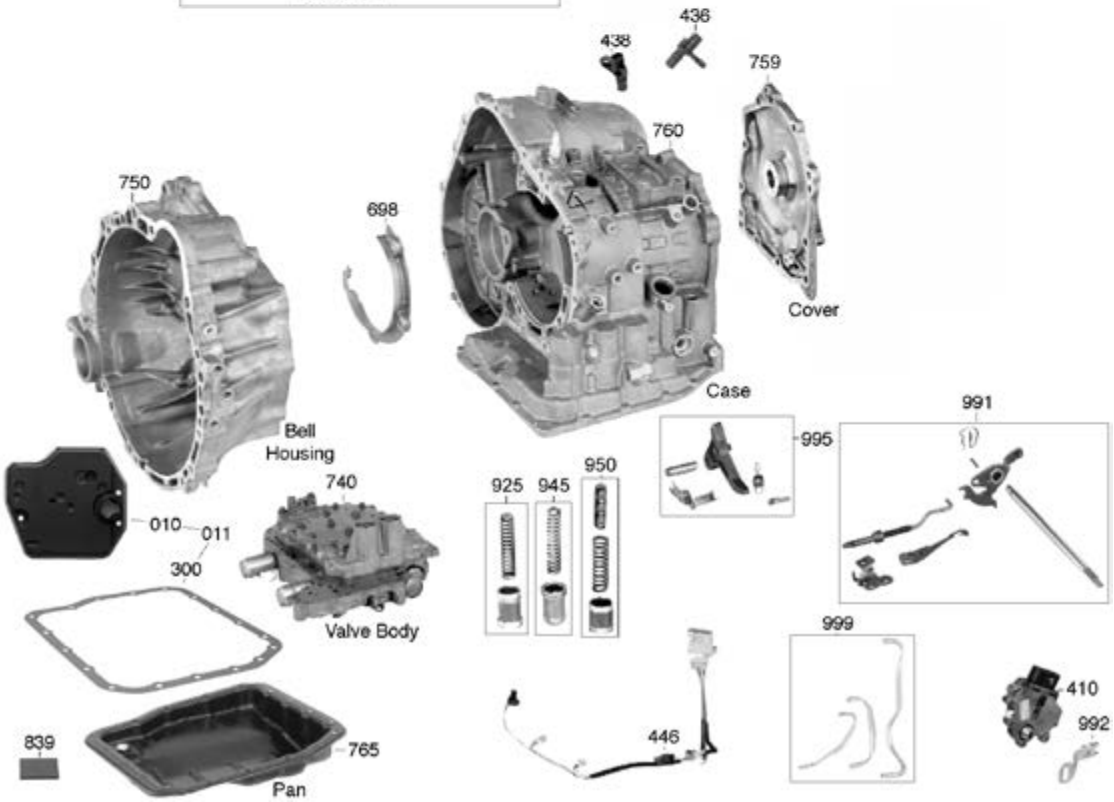
F


144
878
582
238
612
234
236
584
881
624
242
642
241
247
Front Planet
Sun Gear
235
Rear Planet
Shell
Sprag

G


715
076
293
291
292
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720
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290
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759
760
750
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Bell Housing
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Valve Body
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Pan

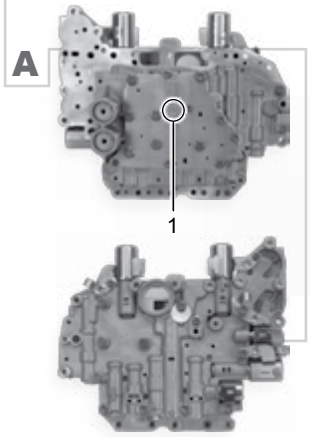
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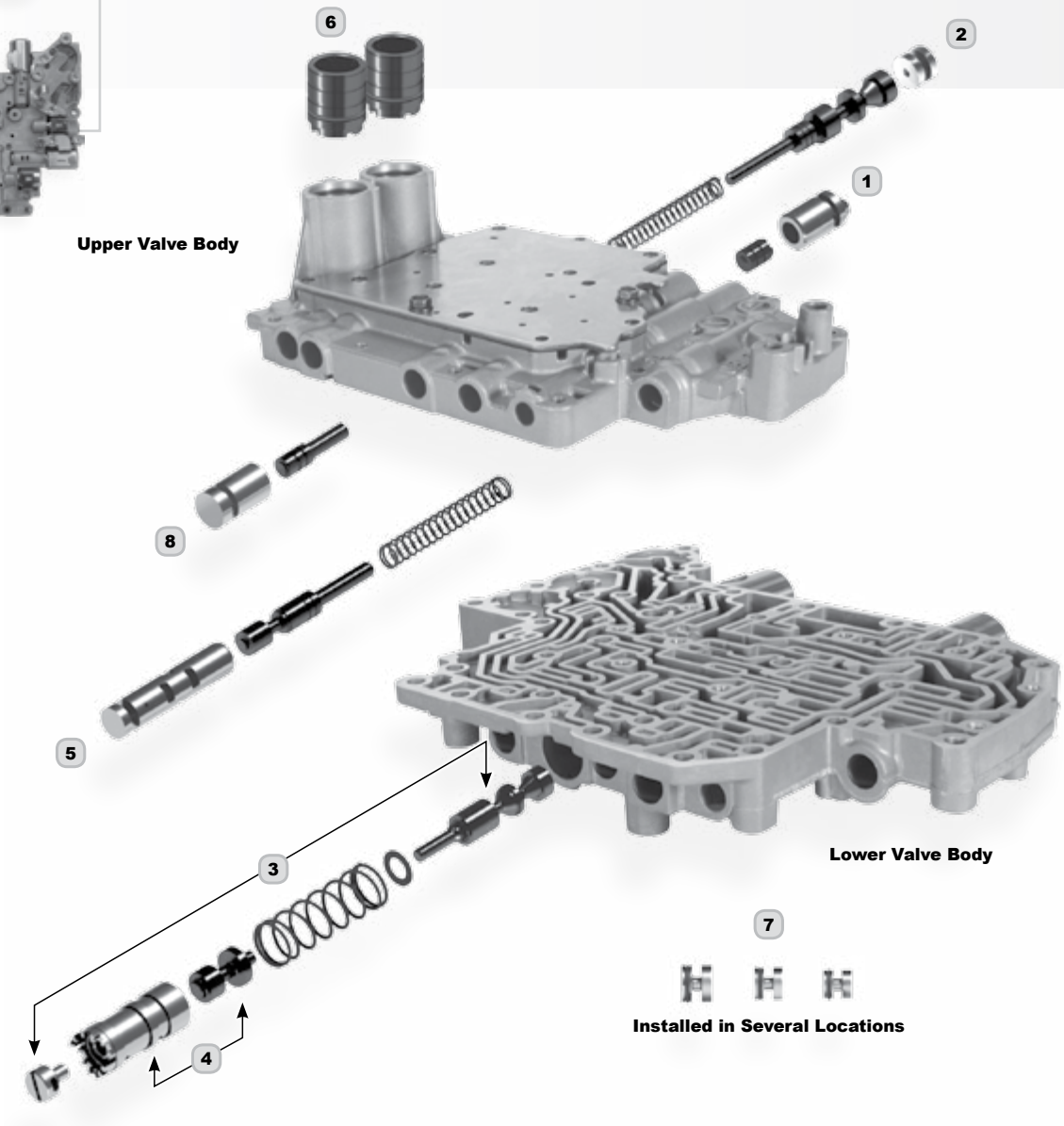
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VALVE BODY

GUIDE

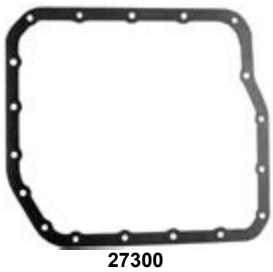
	Part	Year	Trans.	
A	P27740-1	98-Up	U140/240E	w/o cover lube hole (1)
	P27740-2	98-Up	U140/240E	w/cover lube hole (1)





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U140, U240, U241


27300


27010


27010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	U140E, U140F (w/ Pistons*)	1	98-Up	27006P	N.L.
006	U240E, U241E (w/ Pistons*)	1	00-Up	27006AP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 27004N				
	LESS STEEL KITS				
004	U140E, U140F (w/ Pistons*)	1	98-Up	27004P	N.L.
004	U240E, U241E (w/ Pistons*)	1	00-Up	27004AP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 27004N				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	U140E, U140F, U240E, U241E (Combo) (w/out Pistons)	1	98-Up	27002CN	N.L.
002	U140E, U140F (w/ Pistons)	1	98-Up	27002P	N.L.
002	U240E, U241E (w/ Pistons)	1	98-Up	27002AP	N.L.
	SUB KITS				
001	U140F Transfer Case	1	98-Up	27001	N.L.
	FILTER KITS				
011	Metal & Plastic (Replaces All Metal)	1	98-Up	27011A	N.L.
	FILTERS				
010J	All Metal (Lexus RX300 1/98 to 4/98)	1	98-98	27010	35330-21011
010J	Metal & Plastic (Replaces All 99-Up)	1	99-Up	27010A	35330-06010
	BUSHINGS				
030	Bushing Kit	1	99-Up	27030	N.L.
034A	Pump	1	99-Up	57034A	N.L.
	METAL CLAD SEALS				
070A	Front Pump	1	98-Up	57070A	90311-38077
076	Axle (Right side) (U140E) (2wd)	1	98-Up	87076A	90311-A0012
076	Axle (Right side) (U140F) (4wd)	1	98-Up	27076	90311-62004
076	Axle (Right Side) (U240E) Celica GTS	1	98-Up	67076BA	90311-35019
076	Axle (Right Side) (U241E) Camry, RAV4	1	98-Up	27076A	N.L.
077	Axle (Left Side) (U140E, U140F)	1	98-Up	87077A	90311-50023
077	Axle (Left Side) (U240E) Celica GTS	1	98-Up	67076BA	90311-35019
077	Axle (Left Side) (U241E) Camry, RAV4	1	98-Up	27077A	N.L.
	FRICTION PLATES				
103D	Underdrive Brake (# 1) (40T) (U140E, U140F)	3-4	98-Up	27102	34261-21010
103D	Underdrive Brake (# 1) (40T) (U240E, U241E)	3-4	00-Up	27102B	34261-32010
102E	Underdrive Brake (# 2) (28T) (U140E, U140F)	3-4	98-Up	27102A	34262-21010
102E	Underdrive Brake (# 2) (28T) (U240E, U241E)	3-4	00-Up	27102C	34262-32010
104B	2nd Brake	3-4	98-Up	27104	35681-21010
106C	Direct	3-4	98-Up	27106	35667-21010
108A	Forward	5-6	98-Up	27108	35633-06010
114B	Low/ Reverse	5-7	98-Up	27114	35682-21010
	STEEL PLATES				
123D	Underdrive Brake (# 1) (40T, 3.900” ID) (U140E, U140F)	4	98-Up	27122	34263-21010
123D	Underdrive Brake (# 1) (40T, 3.550” ID) (U240E, U241E)	3	00-Up	27122B	34263-32010
122E	Underdrive Brake (# 2) (11T, 3.660” ID) (U140E, U140F)	4	98-Up	27122A	34264-21010
122E	Underdrive Brake (# 2) (11T, 3.510” ID) (U240E, U241E)	3	00-Up	27122C	34264-32010
124B	2nd Brake	4	98-Up	27124	35691-21010

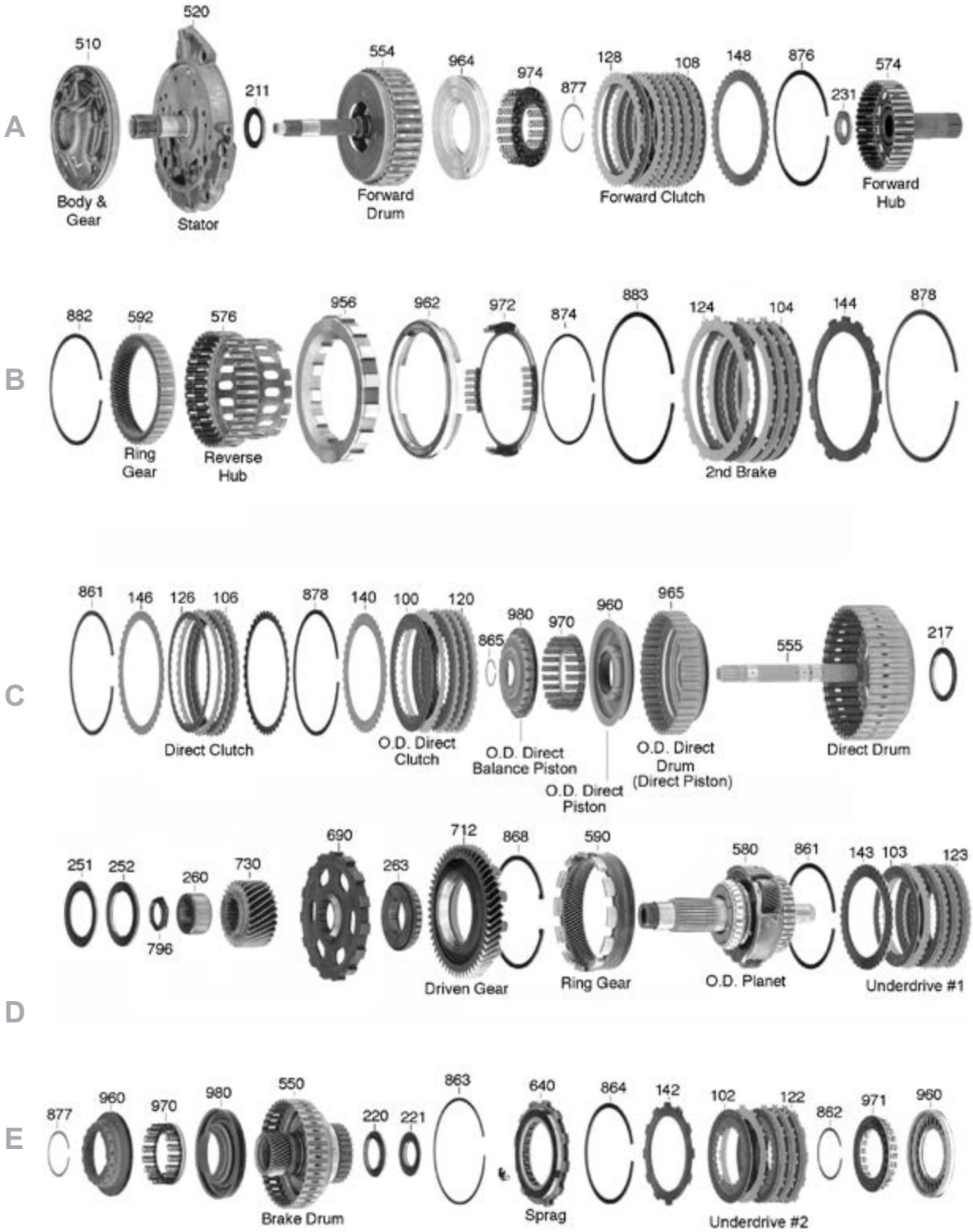
U140, U240, U241

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES (Cont.)				
126C	Direct	3-4	98-Up	27126	35647-21010
128A	Forward	5-6	98-Up	27128	35634-06010
134B	Low/ Reverse	5-7	98-Up	27134	35692-21010
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, U140, U240, U241 (Transgo®)	1	98-Up	T27165A	SK® U140
165	Valve Body Kit, U140, U240, U241 (TransLab)	1	98-Up	S27165	STLU140U250
	SEALING RINGS				
175H	Sealing Ring Kit	1	98-Up	27175	N.L.
	THRUST WASHERS & BEARINGS				
201	Bearing Kit	1	98-Up	27201	N.L.
238G	Bearing, Between Sun Gear & Front Planet (U140E, U140F)	1	01-03	27238	N.L.
241G	Washer, Rear Planet to Sprag & Sprag to Direct Hub	2	98-Up	27241	N.L.
	GASKETS & O-RINGS				
300J	Gasket, Pan (Cork)	1	98-Up	27300	N.L.
300J	Gasket, Pan (Fiber)	1	98-Up	27300F	N.L.
323	Gasket, Valve Body Cover Plate (U140E, U140F)	1	98-Up	27323	N.L.
379	O-Ring, Filter	1	98-Up	27379	90301-32010
	TECHNICAL MANUALS				
400H	Diagnostic Guide (U140, U240) (ATSG)	1	98-Up	27400T	U140/U240 DG
400H	Tech Manual (U140, U240) (OE)	1	98-Up	27400C	TM-U240E
	ELECTRICAL COMPONENTS				
410J	Neutral Safety Switch (Exc. U240E)	1	98-Up	27410	N.L.
410J	Neutral Safety Switch (U240E)	1	98-Up	27410A	N.L.
420	Solenoid Kit (5 Solenoids)	1	98-Up	27420AK	N.L.
420	Solenoid Kit (7 Solenoids)	1	98-Up	27420BK	N.L.
421	Solenoid, Shift # 1 Control (White Connector)	1	98-Up	27421	35210-21010
422	Solenoid, Shift # 2 Control (Neutral Connector)	1	98-Up	27422	35220-21010
423	Solenoid, Shift # 3 Control (Black Connector)	1	98-Up	27423	35230-21010
425	Solenoid, Lock-Up (Brown Connector)	1	98-Up	27425	35240-21010
431	Solenoid, EPC (White Connector)	1	98-05	27431	35290-21010
446J	Wire Harness (Exc. U240E)	1	98-Up	27446	N.L.
446J	Wire Harness (U240E)	1	98-Up	27446A	N.L.
	PUMPS				
500A	Pump, Gear Type (Crescent) (U140)	1	98-Up	27500	N.L.
500A	Pump, Rotor Type (No Crescent) (U140)	1	98-Up	27500A	N.L.
500A	Pump, Non Vented (No Crescent) (U140)	1	98-Up	27500B	N.L.
520	Stator, No Crescent (Non Vented) (U240E)	1	98-Up	27520D	35370-21030
	DRUMS & CLUTCH HUBS				
550E	Drum, Underdrive (3 Clutch) (2wd)	1	98-Up	27550	34204-28020
550E	Drum, Underdrive (4 Clutch) (4wd)	1	98-Up	27550A	34204-28030
554A	Drum, Forward (4 Clutch) (U240)	1	99-Up	27554	N.L.
554A	Drum, Forward (6 Clutch) (U140)	1	99-Up	27554A	N.L.
555C	Drum, Direct (3 Clutch) (U240)	1	99-Up	27555A	N.L.
555C	Drum, Direct (4 Clutch) (U140)	1	99-Up	27555	N.L.
574F	Hub, Forward	1	98-Up	27574	N.L.
576B	Hub, Reverse Brake	1	98-Up	27576	35662-28010
	PLANETS				
580D	Planet, Underdrive (2wd) (U140F, U241E)	1	98-Up	27580	34330-28020
580D	Planet, Underdrive (4wd) (U140F, U241E)	1	98-Up	27580A	34330-28010
586	Planet Kit, Underdrive (U140/240)	1	98-Up	27586K	34300-90A100
583	Geartrain, Front (3 Gear) (U140F, U241E) (Planets, Sun Gr, Ring Gr, Rev Hub)	1	01-Up	A27583	N.L.
583	Geartrain, Front (4 Gear) (Retros 3 Gear) (Planets, Sun Gr, Ring Gr, Rev Hub)	1	98-Up	27583A	N.L.
582G	Planet Kit, Front (4 Gear) (Planet, Rev. Brake Hub) (U140F, U240E)	1	01-Up	27582K	N.L.
582G	Planet, Front (4 Gear) (U140F, U240E)	1	01-Up	A27582	N.L.
582G	Planet, Front (3 Gear) (U240)	1	98-Up	D27582	35720-28080
582G	Planet, Front (4 Gear) (U140)	1	98-Up	27582A	N.L.
584G	Planet, Rear (3 Gear) (U140F, U241E)	1	98-Up	27584	35760-28010

ILL.		QTY.	YEAR	PART No.	REF. No.
	PLANETS (Cont.)				
584G	Planet, Rear (4 Gear) (U140F, U241E)	1	98-Up	27584A	N.L.
592B	Ring Gear, Front Planet	1	01-Up	27592	35743-28010
	SUN GEARS, SHELLS & SUPPORTS				
612G	Sun Gear, Front Planet	1	98-Up	27612	35714-28010
614C	Sun Gear Hub, Rear Planet (31T, 2" Tall) (U140F, U241E)	1	00-Up	27614A	35730-28020
624G	Shell, Reaction (Use 27614A)	1	00-Up	27624	N.L.
	ONE WAY CLUTCHES				
650E	Sprag Assembly (U140E, U140F, U240, U241)	1	98-Up	27642	N.L.
650E	Sprag, Underdrive (U140E, U140F)	1	98-Up	27650	N.L.
650E	Sprag, Underdrive (U240)	1	00-Up	27650A	N.L.
651	Sprag, Underdrive (Incl Outer Race & Sprag)	1	98-Up	27651A	N.L.
652G	Sprag, Rear (28 Elements)	1	98-Up	27652	N.L.
652G	Sprag, Rear (22 Elements)	1	98-Up	27652A	N.L.
	DIFFERENTIALS				
715	Differential Housing, No Speedo, 28 Rollers (2wd) (U140)	1	98-Up	27715A	N.L.
715	Differential Housing, No Speedo, 33 Top / 28 Bottom Rollers (Awd) (U140)	1	98-Up	27715AB	N.L.
	VALVE BODIES				
740	Valve Body (Premium) (2wd)	1	98-05	P27740-1	27740
740	Valve Body (Premium) (2wd)	1	06-07	P27740-4	N.L.
740	Valve Body (Premium) (Awd)	1	98-05	P27740-2	N.L.
740	Valve Body (Premium) (Awd)	1	06-07	P27740-5	N.L.
	MISCELLANEOUS COMPONENTS				
759I	Cover, Rear (4 Bolt Mount) (2 Bolt Oil Baffle)	1	98-Up	27759	N.L.
759I	Cover, Rear (4 Bolt Mount) (No Oil Baffle)	1	98-Up	27759AA	N.L.
759I	Cover, Rear (No Mount) (Rav4 Type)	1	00-Up	27759A	N.L.
741	Shift Valve, 2-3 (Superior)	1	04-08	27741A-6	K097
932	Accumulator Piston (Sonnax)	1	98-Up	S27932	57917E-19K
932	Accumulator Pistons Kit (Superior)	1	98-Up	27932K	K089
961E	Underdrive Piston & Retainer Kit (Bonded) (U140E, U140F)	1	98-Up	27961	34205-21010
961E	Underdrive Piston & Retainer Kit (Bonded) (U240E, U241E)	1	98-Up	27961A	34205-32010
964A	Forward Piston & Retainer Kit (Bonded) (U240E, U241E)	1	98-Up	27964	35063-20010
965C	Direct Piston & Retainer Kit (Bonded) (All)	1	98-Up	27965	35606-21010
974A	Return Spring, Forward Piston (Bonded) (U140E, U140F)	1	98-Up	27974	35603-20010
Tool	Socket, Underdrive Planet & Counter Gear Nut	1	98-Up	T-2700	N.L.

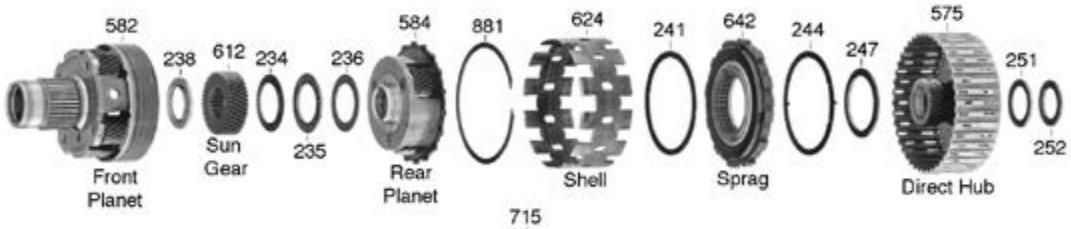
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Piston Kit (Can be used in either of 2 locations)	N.I.	6	S27932	57917E-19K
Vol 9	Boost Valve Kit	N.I.	4	S27741F	57917E-01K
Vol 9	Clutch Apply Control Plunger Valve & Sleeve Kit	N.I.	8	S27741H	57917E-05K
Vol 9	End Plug Kit	N.I.	7	S27741-6K	57917E-20K
Vol 9	Lock-Up Control Plunger Valve & Sleeve Kit	N.I.	1	S27741C	57917E-03K
Vol 9	Pressure Regulator & Boost Valve Kit O.S. (T-57917E-TL8 req)	N.I.	3	S27741PK	57917E-08K
Vol 9	Secondary Press Reg Valve Kit O.S. (T-F-57917E-TL16 & T-VB-FIX req)	N.I.	2	S27741PAK	57917E-16K
Vol 9	Solenoid Modulator Valve Kit (T-F-57917E-TL13 & T-VB-FIX req)	N.I.	5	S27741LK	57917E-13K
Vol 9	Zip Kit	N.I.	N.I.	S27741ZK	U140E-ZIP

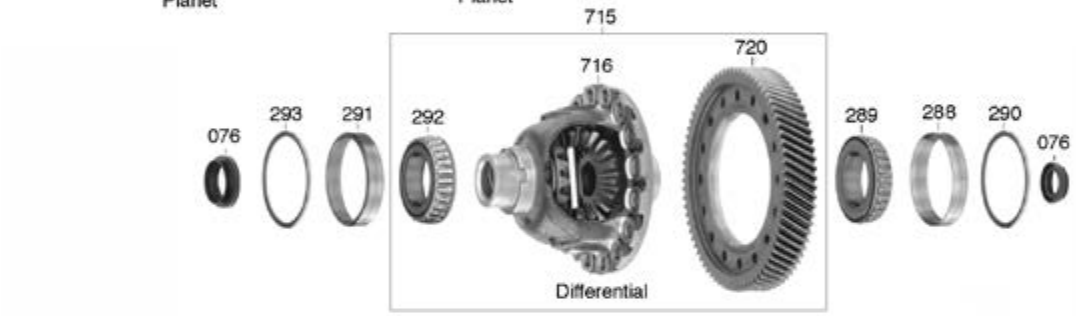
U150, U151, U250

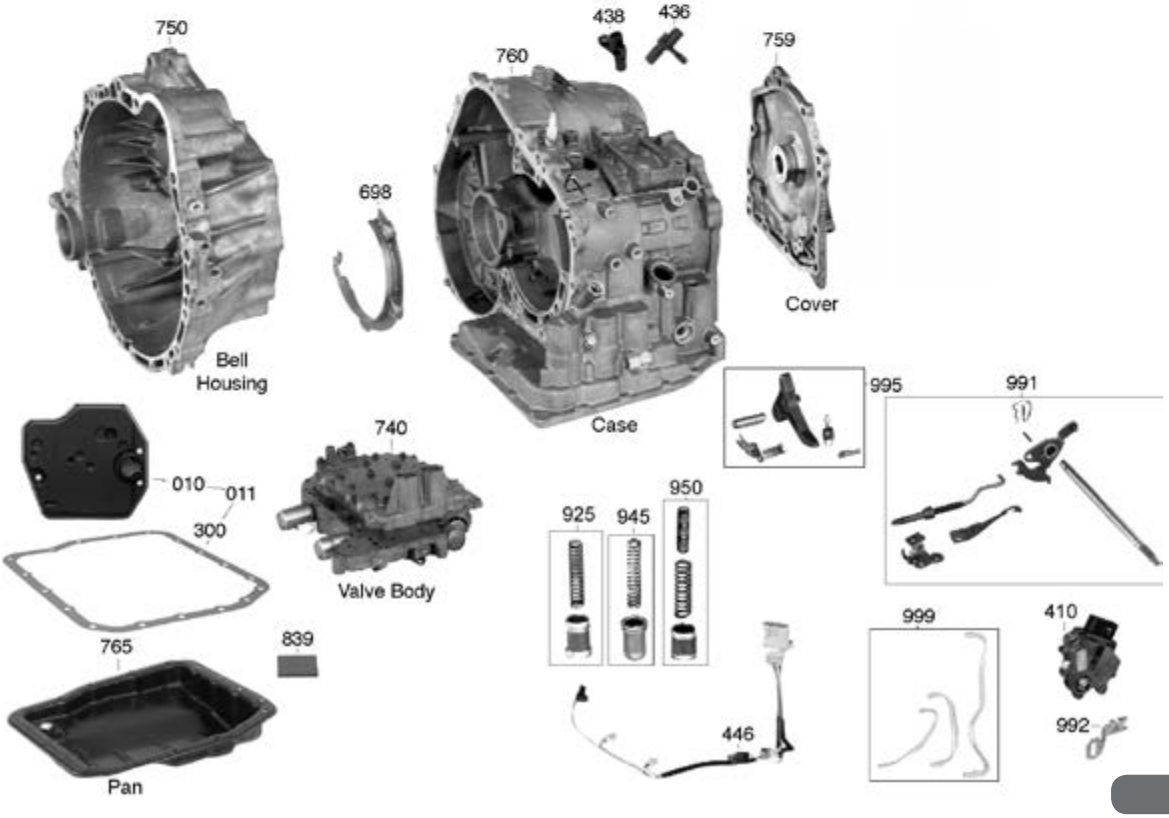


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114
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Front Planet
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612
Sun Gear
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Rear Planet
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Shell
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Sprag
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Direct Hub
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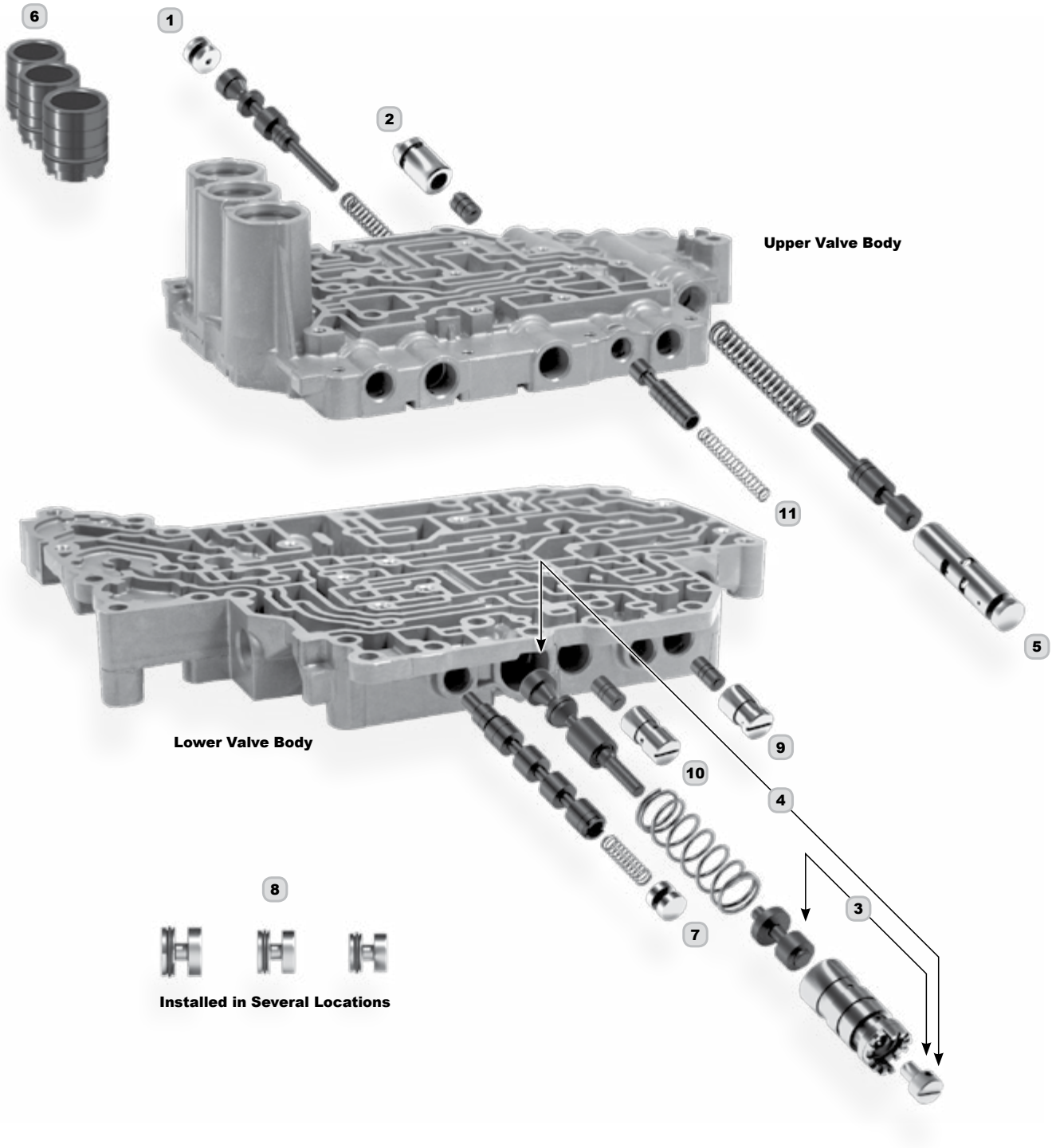

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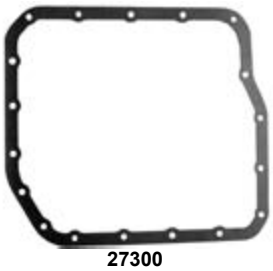
U150, U151, U250

VALVE BODY
GUIDE



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U150, U151, U250



27300



27010B

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	U150, U151 (w/ Pistons* Exc. Direct Clutch Drum Piston)	1	02-Up	27006BP	N.L.
006	U250 (w/ Pistons* Exc. Direct Clutch Drum Piston)	1	02-Up	27006GP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 27004BN				
LESS STEEL KITS					
004	U150, U151 (w/ Pistons* Exc. Direct Clutch Drum Piston)	1	02-Up	27004BP	N.L.
004	U250 (w/ Pistons* Exc. Direct Clutch Drum Piston)	1	02-Up	27004GP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 27004BN				
OVERHAUL KITS (W/ RINGS & SEALS)					
002	U150, U151 (w/out Pistons**)	1	02-Up	27002BN	N.L.
002	U250 (w/out Pistons**)	1	05-Up	27002GN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 27004BP				
SUB KITS					
001	Sub Kit, Transfer Case (U151F)	1	02-Up	27001	N.L.
FILTER KITS					
011	U150, U151, U250	1	02-Up	27011B	N.L.
FILTERS					
010J	U150, U151, U250	1	02-Up	27010B	35330-08010
BUSHINGS					
030	Bushing Kit	1	02-Up	27030B	N.L.
034A	Pump	1	02-Up	57034A	N.L.
METAL CLAD SEALS					
070A	Front Pump	1	02-Up	57070A	90311-38077
076	Axle (Right side) (U150) (2wd)	1	02-Up	87076A	90311-A0012
076	Axle (Right side) (U150) (4wd)	1	02-Up	27076	90311-62004
076	Axle (Right Side) (U250)	1	02-Up	27076A	N.L.
077	Axle (Left Side) (U150)	1	02-Up	87077A	90311-50023
077	Axle (Left Side) (U250)	1	02-Up	27077A	N.L.
FRICTION PLATES					
100C	Overdrive Direct	3-4	02-Up	27100	34627-08010
103D	Underdrive # 1 (U150) (40T)	4	02-Up	27102	34261-21010
103D	Underdrive # 1 (U250)	4	05-Up	27102B	34261-32010
102E	Underdrive # 2 (U150) (28T)	4	02-Up	27102A	34262-21010
102E	Underdrive # 2 (U250)	4	05-Up	27102C	34262-32010
104B	2nd Brake	3-4	02-Up	27104	35681-21010
106C	Reverse	3	02-Up	27106A	35667-33010
108A	Forward	5	02-Up	27108	35633-06010
114F	Low/ Reverse	5-6	02-Up	27114	35682-21010
STEEL PLATES					
120C	Overdrive Direct	3-4	02-Up	27120	34616-33010
123D	Underdrive # 1 (U150) (40T)	4	02-Up	27122	34263-21010
123D	Underdrive # 1 (U250)	4	02-Up	27122B	34263-32010
122E	Underdrive # 2 (U150) (11T)	4	02-Up	27122A	34264-21010
122E	Underdrive # 2 (U250)	4	02-Up	27122C	34264-32010
124B	2nd Brake	3-4	02-Up	27124	35691-21010
126C	Reverse	3	02-Up	27126A	35647-33030

U150, U151, U250

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES (Cont.)				
128A	Forward	5	02-Up	27128	35634-06010
134F	Low/ Reverse	5-6	02-Up	27134	35692-21010
	VALVE BODY RECALIBRATION KITS				
165	Shift Kit®, U150, U151, U250 (Transgo®)	1	02-Up	T27165B	SK® U151
165	Valve Body Kit, U140, U240, U241 (TransLab)	1	02-Up	S27165	STLU140U250
	SEALING RINGS				
175H	Sealing Ring Kit	1	02-Up	27175	N.L.
	GASKETS & O-RINGS				
300J	Gasket, Pan (Fiber)	1	02-Up	27300F	N.L.
320	Gasket Kit, Valve Body (U150E, U151E)	1	02-Up	27320BK	N.L.
323	Gasket, Valve Body Cover Plate (U150E, U151E)	1	02-Up	27323B	N.L.
379	O-Ring, Filter	1	02-Up	27379	90301-32010
	TECHNICAL MANUALS				
400H	Diagnostic Guide (U150, U250) (ATSG)	1	98-Up	27400BT	U150/U250 DG
	SOLENOIDS				
421	Shift # 1 Linear (White Connector, Large Body)	1	02-Up	27421A	35210-33010
421	Shift # 1 Linear (Black Connector, Small Body)	1	03-Up	27421B	35210-45010
422	Shift # 2 Linear, Position # 1 (White Connector, Large Body)	1	02-Up	27422A	35220-33010
422	Shift # 2 Linear, Position # 2 (White Connector, Large Body)	1	02-Up	27422C	35270-33020
422	Shift # 2 Linear (Black Connector, Small Body)	2	03-Up	27422B	35270-33020
422	Shift # 3, Position # 1 (Black Connector, Long Bracket)	1	02-Up	27423B	35230-33010
422	Shift # 3, Position # 2 (Black Connector, Short Bracket)	1	02-Up	27423A	35230-33020
425	Lock-Up (Brown Connector)	1	02-Up	27425A	35240-33030
431	EPC (White Connector, Large Body)	1	02-Up	27431B	N.L.
431	EPC (Black Connector, Small Body)	1	03-Up	27431A	35290-45010
436	Sensor, Output (VSS) (Vibe 2.4L 09-10) (U250)	1	09-10	27436	88971395
	PUMPS				
500A	Pump, No Crescent (Non Vented)	1	02-Up	27500B	N.L.
	DRUMS & CLUTCH HUBS				
550E	Drum, Underdrive Sun Gear	1	02-Up	27550A	N.L.
554A	Drum, Forward (6 Clutch)	1	02-Up	27554B	N.L.
555C	Drum, Direct	1	02-Up	27555B	N.L.
574A	Hub, Forward	1	02-Up	27574	N.L.
	PLANETS				
580	Planet Kit, Underdrive	1	02-Up	27586BK	34300-95A050
580D	Planet , Overdrive	1	02-Up	27580D	N.L.
N.I.	Gear Train (3 Gear Front, 4 Gear Rear Planet)	1	02-Up	27583B	N.L.
N.I.	Gear Train (4 Gear Front, 4 Gear Rear Planet)	1	02-Up	27583BA	N.L.
582G	Planet, Front (4 Gear)	1	02-Up	27582B	N.L.
584G	Planet, Rear	1	02-Up	27584B	N.L.
590D	Ring Gear, Overdrive	1	02-Up	27590D	N.L.
592B	Ring Gear, Front Planet	1	02-Up	27592	35743-28010
	SUN GEARS, SHELLS & SUPPORTS				
612G	Sun Gear, Front Planet	1	02-Up	27612B	N.L.
614G	Sun Gear Hub	1	02-Up	27614B	N.L.
624G	Shell, Reaction	1	02-Up	27624B	N.L.
	MISCELLANEOUS COMPONENTS				
650E	Sprag, Underdrive	1	02-Up	27650	N.L.
652G	Sprag, Rear (28 Elements)	1	02-Up	27652	N.L.
652G	Sprag, Rear (22 Elements)	1	02-Up	27652A	N.L.
740	Valve Body (Premium)	1	01-03	P27740-6	N.L.
740	Valve Body (Premium)	1	04-Up	P27740-3	N.L.
741	Shift Valve, 2-3 (Transgo®)	1	98-Up	27741BS-1	U151-23-SR
741	End Plug Kit (Superior)	1	98-Up	27741BA-6	K096
932	Accumulator Piston (Sonnax)	1	98-Up	S27932	57917E-19K
932	Accumulator Pistons Kit (Superior)	1	98-Up	27932K	K089
960	Overdrive Direct Piston (Bonded)	1	02-Up	27960	N.L.

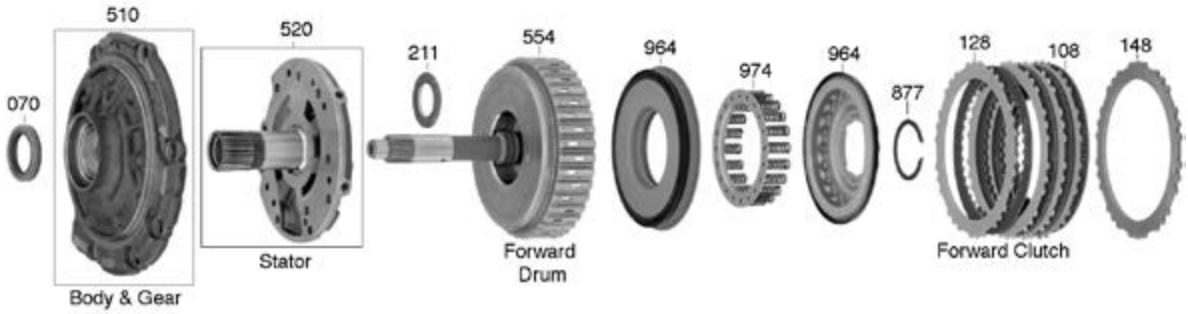
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
965	Direct Clutch Piston (Bonded) (Also the OD Direct Drum)	1	02-Up	27965A	26275272
980	Overdrive Direct Retainer (Balance) (Bonded)	1	02-Up	27980	N.L.
961E	Underdrive Piston & Retainer Kit (Bonded) (U150)	1	02-Up	27961	34205-21010
961E	Underdrive Piston & Retainer Kit (Bonded) (U250)	1	02-Up	27961A	34205-32010
964A	Forward Piston (Bonded)	1	02-Up	27964A	N.L.
984A	Forward Piston Retainer (Balance) (Bonded)	1	02-Up	27984A	N.L.
551C	Direct Piston (Bonded) (Overdrive Direct Drum)	1	02-Up	27965A	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Piston Kit – Can be used in either of 3 locations	N.I.	6	S27932	57917E-19K
Vol 9	B1 Apply Control Plunger Kit	N.I.	10	S27741A-7K	27741-04K
Vol 9	B2 Apply Control Plunger Kit	N.I.	9	S27741B-7K	27741-06K
Vol 9	B3 Orifice control Valve Kit (T-F-15741-TL18 & T-VB-FIX req)	N.I.	11	27741G-7K	27741-16K
Vol 9	Boost Valve Kit	N.I.	3	S27741BK	27741-01K
Vol 9	Clutch Apply Control Valve Kit O.S. (T-F27741-TL18 & T-VB-FIX req)	N.I.	7	27741M-7K	27741-18K
Vol 9	End Plug Kit, Incl. Sm/Med/Lrg End Plugs, O-Rings	N.I.	8	S27741-6AK	27741-20K
Vol 9	Lock-Up Control Plunger Valve & Sleeve Kit	N.I.	2	S27741C	57917E-03K
Vol 9	PR & Boost Valve Kit O.S. (T-57917E-TL8 req)	N.I.	4	S27741PBK	27741-08K
Vol 9	Secondary Pressure Reg Valve Kit O.S. (T-F-57917E-TL16 & T-VB-FIX req)	N.I.	1	S27741PAK	57917E-16K
Vol 9	Solenoid Modulator Valve Kit (T-F-27741-TL13 & T-VB-FIX req)	N.I.	5	S27741LAK	27741-13K
Vol 9	Zip Kit	N.I.	N.I.	S27741BZK	U151E-ZIP

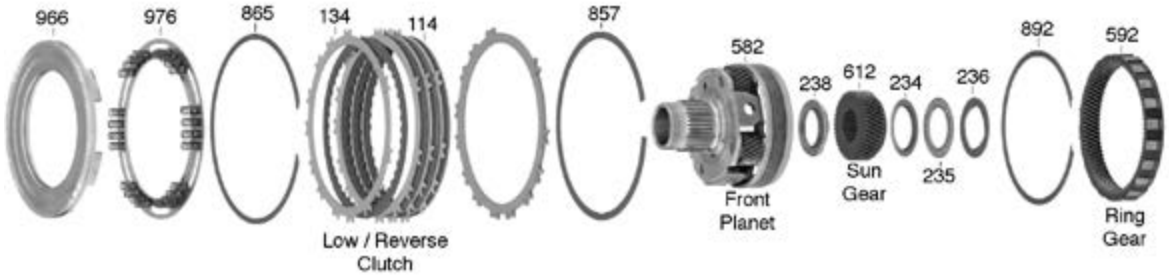
Notes

U340, U341

A



B



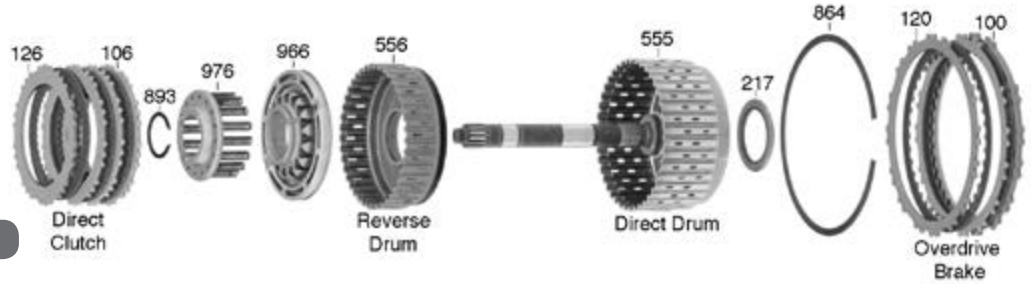
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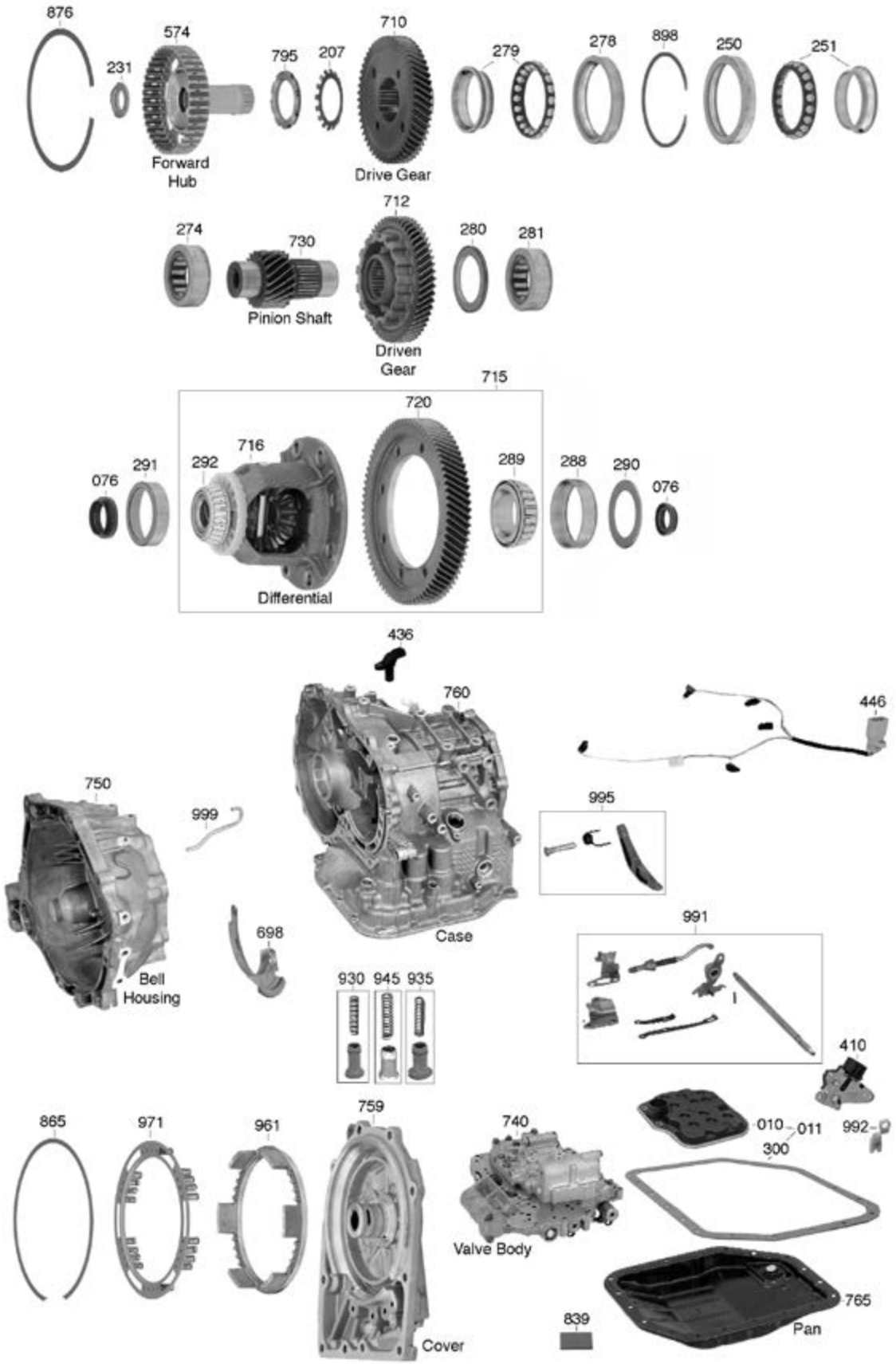
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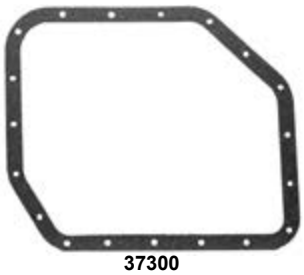
E



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876
574
231
795
207
710
279
278
898
250
251
Forward Hub
Drive Gear
712
274
730
280
281
Pinion Shaft
Driven Gear
715
720
716
292
076
291
289
288
290
076
Differential
436
760
446
750
999
995
698
991
Case
Bell Housing
930 945 935
410
865
971
961
759
740
010
011
992
300
Valve Body
765
839
Pan
Cover

U340, U341

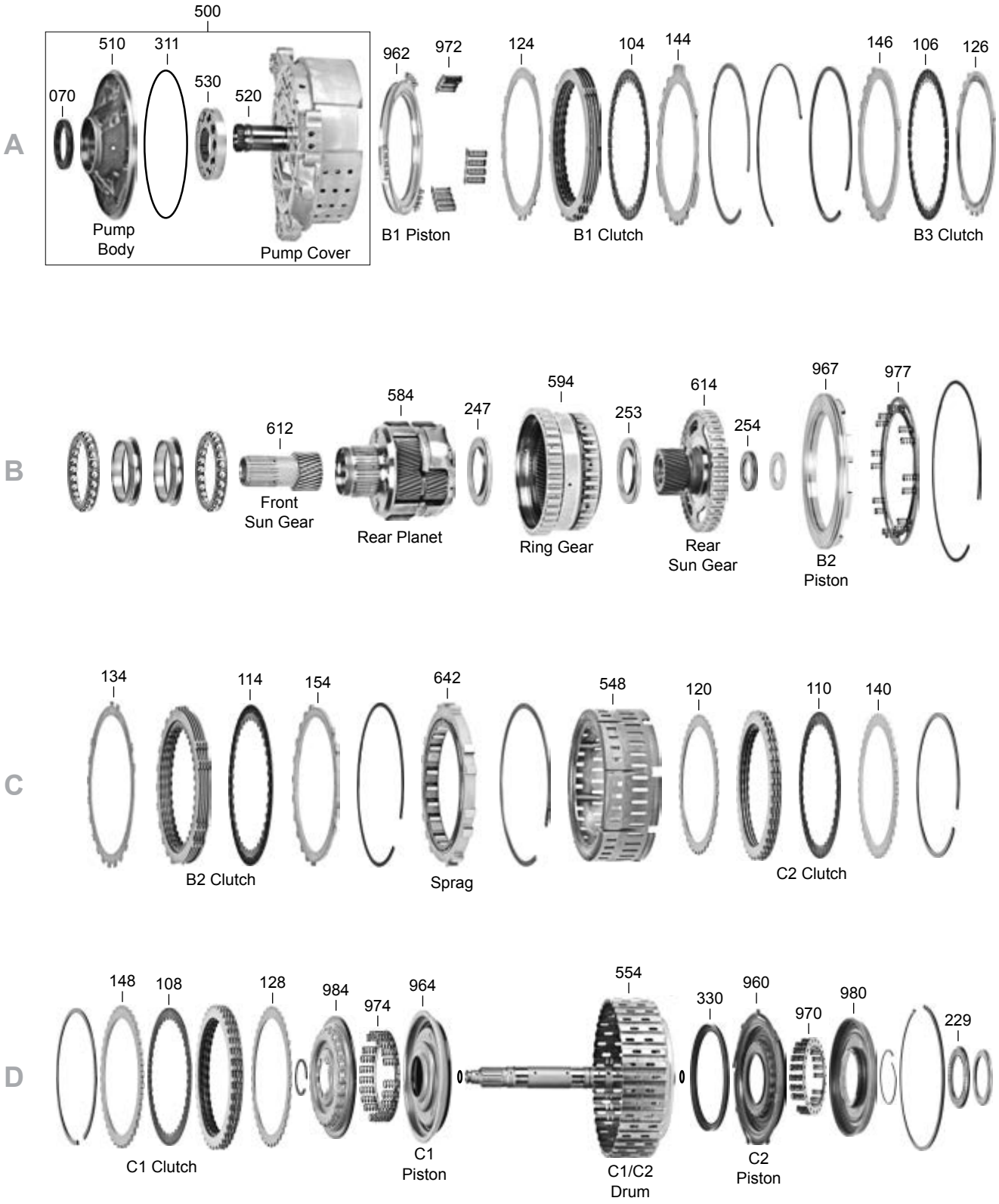

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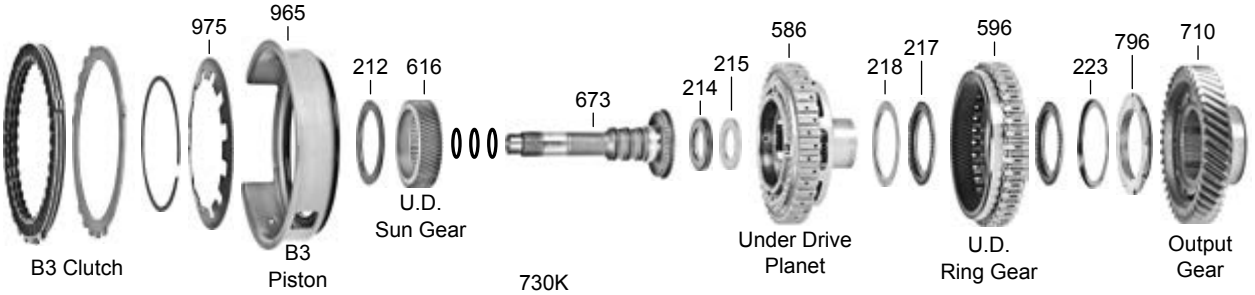

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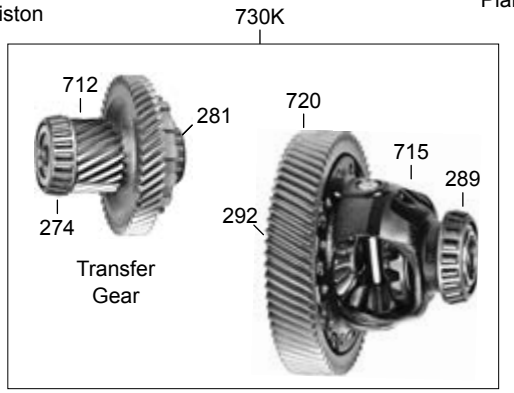
ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	U340E, U341E (w/ Pistons)	1	00-Up	37006P	N.L.
006	U340E, U341E (w/out Pistons)	1	00-Up	37006N	N.L.
LESS STEEL KITS					
004	U340E, U341E (w/ Pistons)	1	00-Up	37004P	N.L.
004	U340E, U341E (w/out Pistons)	1	00-Up	37004N	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	U340E, U341E (w/ Pistons)	1	00-Up	37002P	N.L.
002	U340E, U341E (w/out Pistons)	1	00-Up	37002N	N.L.
FILTER KITS					
011	U340E, U341E	1	00-Up	37011	N.L.
FILTERS					
010K	U340E, U341E	1	00-Up	37010	35330-0W020
METAL CLAD SEALS					
070A	Front Pump	1	00-Up	57070A	90311-38077
076	Axle (Right Side / Bell) (U340E)	1	00-Up	67076B	90311-34012
076	Axle (Right Side / Bell) (U341E) (Exc. Awd)	1	00-Up	67076BA	90311-35019
076	Axle (Right Side / Bell) (U341E) (Awd)	1	00-Up	37076	N.L.
077	Axle (Left Side / Case) (U340E)	1	00-Up	67077	90311-34022
077	Axle (Left Side / Case) (U341E)	1	00-Up	37077	90311-35046
FRICTION PLATES					
100E	Overdrive Brake	2	00-Up	37100	34633-52020
104C	2nd Brake	3-4	00-Up	37104	35682-52020
106E	Direct	3	00-Up	37106	35667-52020
108A	Forward	4	00-Up	37108	35633-52020
110D	Reverse	2-3	00-Up	37110	35677-52020
114B	Low/ Reverse	4	00-Up	37114	35683-52020
STEEL PLATES					
120E	Overdrive Brake	2	00-Up	37120	34625-52060
124C	2nd Brake (.079") (U341E)	3	00-Up	37124A	35692-52020
124C	2nd Brake (.118") (U340E)	3	00-Up	37124	35678-52020
126E	Direct	3	00-Up	37126	35675-52040
128A	Forward	4	00-Up	37128	35634-52020
130D	Reverse	2-3	00-Up	37130	35648-52020
134B	Low/ Reverse	4	00-Up	37134	35693-52040
SEALING RINGS					
175G	Sealing Ring Kit	1	00-Up	37175	N.L.
GASKETS & O-RINGS					
300K	Gasket, Pan	1	00-Up	37300	35168-52020

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
410J	Neutral Safety Switch	1	00-Up	37410	N.L.
421	Solenoid, Shift # 1	1	00-Up	37421	35240-52010
422	Solenoid, Shift # 2	1	00-Up	37422A	35230-52010
422	Solenoid, Shift # 3	1	00-Up	37422	35250-52010
425	Solenoid, Lock-Up (TCC)	1	00-Up	37425	35270-52010
431	Solenoid, EPC (U340E)	1	00-Up	37431A	35290-52030
431	Solenoid, EPC (U341E)	1	00-Up	37431	35290-52020
436I	Sensor, Output Speed (VSS)	1	00-Up	37436	N.L.
438	Sensor, Input Speed (TSS)	1	00-Up	37438	N.L.
446I	Wire Harness	1	00-Up	37446	N.L.
	PLANETS				
583	Geartrain, U340	1	00-Up	37583	N.L.
	ONE WAY CLUTCHES				
652D	No. 1	1	00-Up	37652	N.L.
654C	No. 2	1	00-Up	37654	N.L.
	MISCELLANEOUS COMPONENTS				
964A	Forward Piston & Retainer Kit (Bonded)	1	00-Up	37964	35063-52010
965	Direct (Reverse) Piston (Bonded)	1	00-Up	37966	35605-52010

Notes


A
500
510
311
530
520
070
Pump Body
Pump Cover
962
972
B1 Piston
124
104
144
146
106
126
B1 Clutch
B3 Clutch
B
612
Front Sun Gear
584
247
Rear Planet
594
253
Ring Gear
614
254
Rear Sun Gear
967
977
B2 Piston
C
134
114
154
B2 Clutch
642
Sprag
548
120
110
140
C2 Clutch
D
148
108
128
984
974
964
C1 Clutch
C1 Piston
554
C1/C2 Drum
330
960
970
980
229
C2 Piston

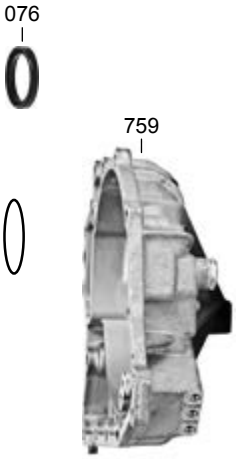


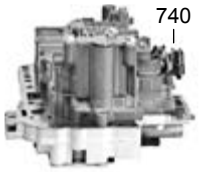


Differential





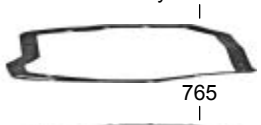


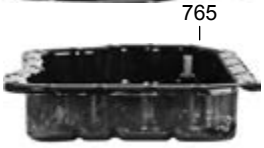




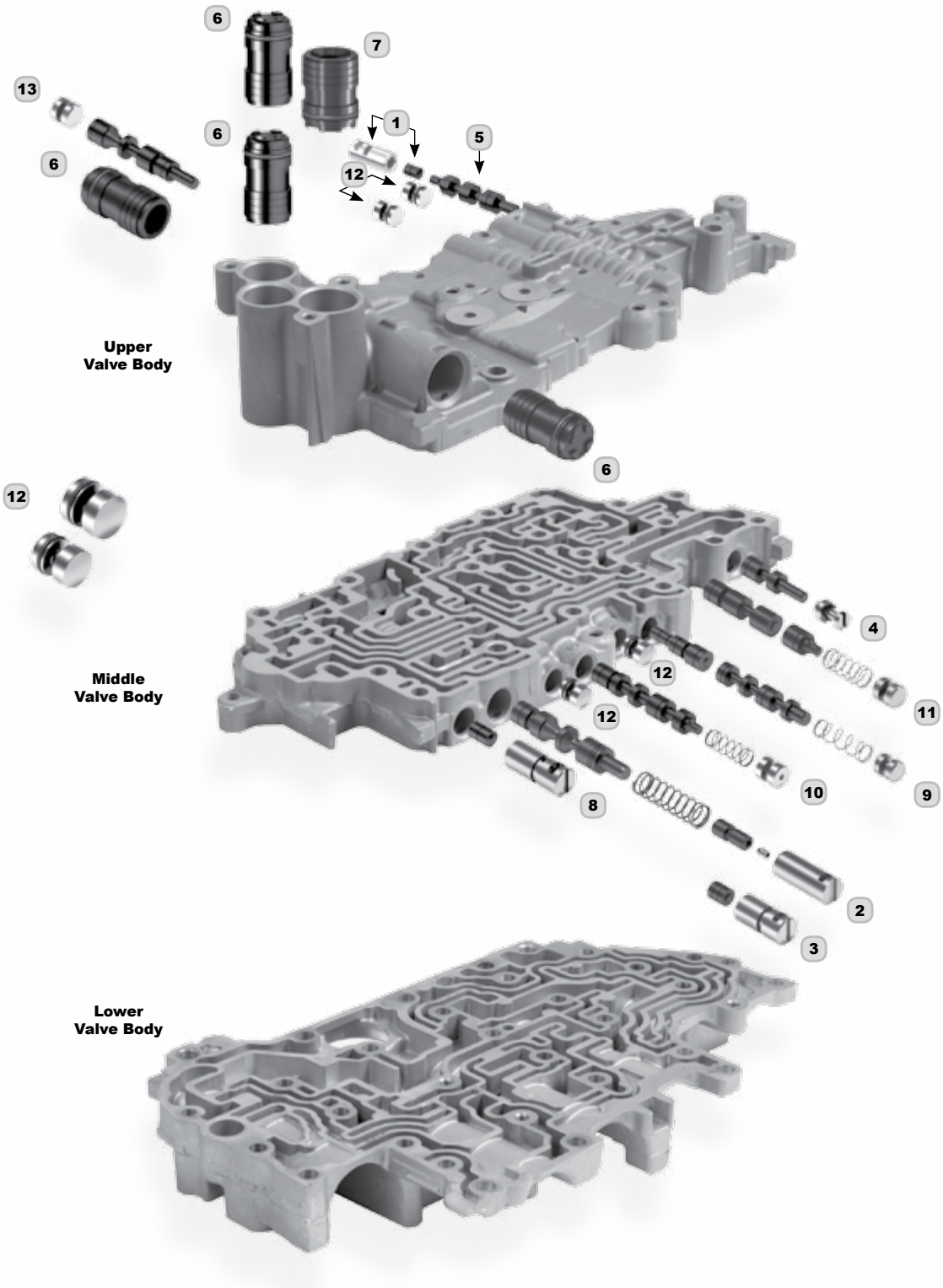




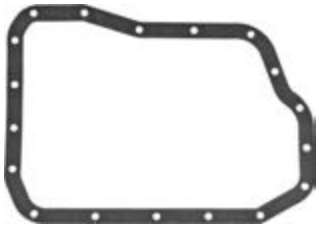




VALVE BODY
GUIDE



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47300


47010

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	U660E (w/ Pistons)	1	07-Up	47006P	N.L.
006	U660E (w/out Pistons)	1	07-Up	47006N	N.L.
LESS STEEL KITS					
005	U660E (w/ Pistons)	1	07-Up	47004P	N.L.
004	U660E (w/out Pistons)	1	07-Up	47004N	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	U660E (w/ Pistons)	1	07-Up	47002P	N.L.
002	U660E (w/out Pistons)	1	07-Up	47002N	N.L.
FILTER KITS					
N.I.	U660E	1	07-Up	47011	N.L.
FILTERS					
010H	U660E	1	07-Up	47010	N.L.
BUSHINGS					
N.I.	Bushing Kit	1	07-Up	47030	N.L.
N.I.	Pump Body	1	07-Up	47034	N.L.
N.I.	Stator (Front)	1	07-Up	47036	N.L.
N.I.	Underdrive Planet	1	07-Up	47042	N.L.
N.I.	Front Sun Gear	2	07-Up	47052	N.L.
N.I.	Rear Sun Gear	2	07-Up	47056	N.L.
METAL CLAD SEALS					
070A	Front Pump	1	07-Up	47070	N.L.
076G	Axle (Right side)	1	07-Up	87076A	90311-A0012
077G	Axle (Left Side)	1	07-Up	27077A	N.L.
FRICTION PLATES					
100C	C2	3	07-Up	47108	N.L.
104A	B1	4	07-Up	47104	N.L.
106A	B3	3	07-Up	47104	N.L.
108D	C1	4	07-Up	47108	N.L.
114C	B2	5	07-Up	47114	N.L.
STEEL PLATES					
120C	C2	3	07-Up	47120	N.L.
124A	B1	4	07-Up	47124	N.L.
126A	B3	2	07-Up	47126	N.L.
128D	C1	4	07-Up	47128	N.L.
134C	B2	5	07-Up	47134	N.L.
PRESSURE PLATES					
140C	C2	1	07-Up	47140	N.L.
144A	B1	1	07-Up	47144	N.L.
146A	B3	2	07-Up	47146	N.L.
148D	C1	1	07-Up	47148	N.L.
154C	B2	1	07-Up	47154	N.L.
VALVE BODY RECALIBRATION KITS					
165	Shift Kit®, U660E (Transgo®)	1	07-09	T47165	SK® U660E

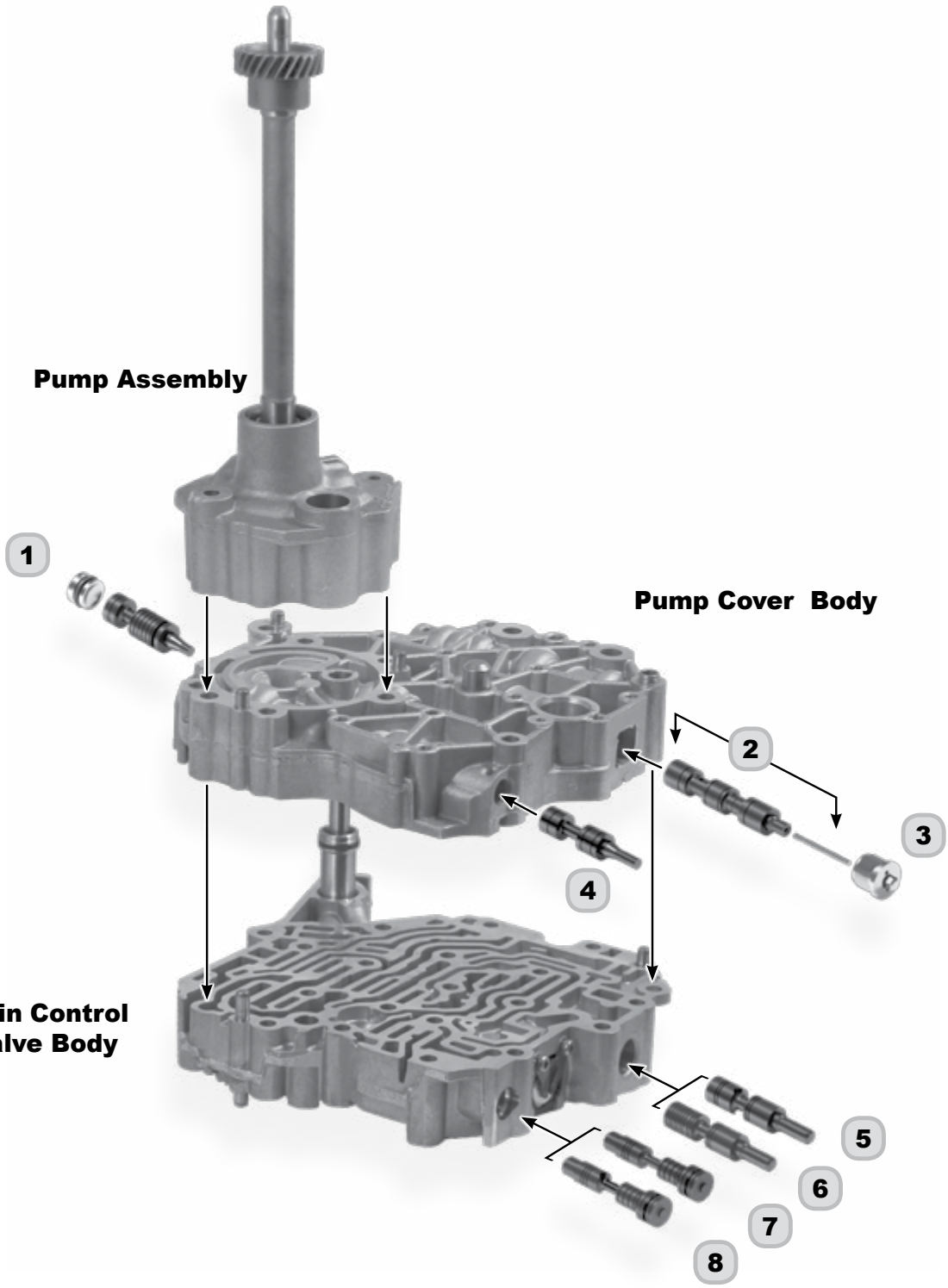
U660E

ILL.		QTY.	YEAR	PART No.	REF. No.
	SEALING RINGS				
N.I.	Sealing Ring Kit	1	07-Up	47175	N.L.
	BEARINGS & RACES				
N.I.	Stator (Rear) Caged Bearing	1	07-Up	47209	N.L.
212E	Stator to Sun Gear	1	07-Up	47212	N.L.
214E	Input Shaft to Underdrive Planet	1	07-Up	47214	N.L.
215E	Input Shaft to Underdrive Planet Race	1	07-Up	47215	N.L.
217E	Underdrive Planet to Ring Gear Bearing	1	07-Up	47217	N.L.
218E	Underdrive Planet to Ring Gear Race	1	07-Up	47218	N.L.
223E	Underdrive Planet to Drive Gear Nut	1	07-Up	47223	N.L.
229D	Drum to Cover Bearing	1	07-Up	47229	N.L.
N.I.	Cover Caged Bearing	1	07-Up	47230	N.L.
247B	Output Planet to Rear Sun Bearing	1	07-Up	47247	N.L.
253B	Output Ring to Rear Sun Bearing	1	07-Up	47253	N.L.
254B	Sun Gear Hub to Drum	1	07-Up	47254	N.L.
274F	Pinion Bearing to Bell Housing	1	07-Up	47274	N.L.
279	Counter Drive Bearing to Case	1	07-Up	47279	N.L.
281F	Pinion Bearing to Case	1	07-Up	47281	N.L.
289F	Differential Bearing to Case	1	07-Up	47289	N.L.
292F	Differential Bearing to Bell Housing	1	07-Up	47292	N.L.
	GASKETS & O-RINGS				
300H	Gasket, Pan	1	07-Up	47300	N.L.
311A	O-Ring, Pump	1	07-Up	47311	N.L.
N.I.	O-Ring, Filter	1	07-Up	47379	N.L.
330D	Bonded Lip Seal, C2 Clutch (Inner)	1	07-Up	47330	N.L.
	TECHNICAL MANUALS				
400	Technical Diagnostic Guide	1	07-Up	47400A	AW U660E
	ELECTRICAL COMPONENTS				
410	Switch, MLPS	1	07-Up	47410	84540-07010
421	Solenoid, Linear (Large) (Black Connector) (SL2, SL4)	2	07-Up	47421	35220-33040
422	Solenoid, Linear (Large) (Brown Connector) (SL1, SL3)	2	07-Up	47422	35210-33030
425	Solenoid, Linear (Small) (Lock-Up Control) (SLU)	1	07-Up	47425	35280-52040
428	Solenoid, Linear (Small) (Line Pressure Control) (SLT)	1	07-Up	47428	35290-33040
430	Solenoid w/ Bracket (SL)	1	07-Up	47430	35240-73010
438	Sensor, Input / Output	1	07-3/10	47438	89413-0T010
438	Sensor, Input / Output	1	4/10-Up	47438A	89413-08030
446H	Harness w/ Connector	1	07-Up	47446	82125-33100
442H	Switch, PSM w/ TOT	1	07-Up	47442	82125-33090
	PUMPS				
500A	Pump Assembly	1	07-Up	47500	N.L.
510A	Pump Body	1	07-Up	47510	35035-07010
520A	Stator	1	07-Up	47520	35370-07010
530A	Pump Gears	1	07-Up	47530	N.L.
	DRUMS & CLUTCH HUBS				
548C	Apply Ring, Direct	1	07-Up	47548	N.L.
554D	Drum, Forward & Direct	1	07-Up	47554	N.L.
554D	Drum Kit, Forward & Direct	1	07-Up	47554K	35650-33070
N.I.	B1 Hub	1	07-Up	47576	N.L.
	PLANETS				
583	Geartrain	1	07-Up	47583	N.L.
584B	Planet, Rear	1	07-Up	47584	35720-33060
584B	Planet Kit, Includes Rear Planet, Sun Gear, Ring Gear & Ring Gear Hub	1	07-Up	47584K	N.L.
586E	Planet, Underdrive	1	07-Up	47586	34330-07020
586E	Planet Kit, Underdrive (Incl. Planet, Sun Gear, Ring Gear & Ring Gear Hub)	1	07-Up	47586K	N.L.
594B	Ring Gear, Rear Planet (69T)	1	07-Up	47594	35743-33030
596E	Ring Gear, Underdrive Planet (110T)	1	07-Up	47596	N.L.
N.I.	Hub, Rear Ring Gear	1	07-Up	47604	35762-33020
N.I.	Hub, Underdrive Ring Gear	1	07-Up	47606	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	SUN GEARS, SHELLS & SUPPORTS				
612B	Sun Gear, Front (66T)	1	07-Up	47612	34321-33010
614B	Sun Gear, Rear (27T)	1	07-Up	47614	35706-33020
616E	Sun Gear, Underdrive (66T)	1	07-Up	47616	N.L.
	ONE WAY CLUTCHES				
642C	Roller Clutch, Low	1	07-Up	47642	35790-33020
	SHAFTS				
673E	Turbine Shaft	1	07-Up	47673	35711-33060
	DIFFERENTIALS				
715F	Differential Assembly	1	07-Up	47715	N.L.
716F	Differential Carrier (12 Bolt, 8.5” OD)	1	07-Up	47716	41039-28020
720F	Ring Gear (69T, 1 Groove)	1	07-Up	47720	41221-33160
730	Ring & Pinion, 12 Bolt	1	07-Up	47730K	N.L.
	VALVE BODIES				
740H	Valve Body (7 Solenoids)	1	07-Up	47740	35410-33171
	CASES & HOUSINGS				
750G	Bell Housing	1	2007	47750	35105-33010
750G	Bell Housing	1	07-08	47750A	35105-33011
750G	Bell Housing	1	09-Up	47750B	35105-07022
760G	Case	1	07-Up	47760	35104-33070
765H	Pan (Bottom)	1	07-Up	47765	35106-33061
759G	Cover, Rear	1	07-Up	47759	35102-07010
	MISCELLANEOUS COMPONENTS				
710E	Output Gear, Drive (44T)	1	07-Up	47710	N.L.
712F	Transfer Gear, Driven (47T)	1	07-Up	47712	35705-33020
N.I.	Transfer Gear Kit (44T / 47T)	1	07-Up	47710K	N.L.
796E	Counter Drive Nut	1	07-Up	47796	N.L.
960D	Piston Kit (Bonded)	1	07-Up	47960K	N.L.
960D	Piston, C2 (Bonded)	1	07-Up	47960	N.L.
962A	Piston, B1	1	07-Up	47962	N.L.
964D	Piston, C1 (Bonded)	1	07-Up	47964	N.L.
965E	Piston, B3 (Bonded)	1	07-Up	47965	N.L.
967B	Piston, B2	1	07-Up	47967	N.L.
970D	Return Spring, C2	1	07-Up	47970	N.L.
972A	Return Spring, B1	3	07-Up	47972	N.L.
974D	Return Spring, C1	1	07-Up	47974	N.L.
975E	Return Spring, B3	1	07-Up	47975	N.L.
977B	Return Spring, B2	1	07-Up	47977	N.L.
980D	Retainer, C2 Balance (Steel)	1	07-Up	47980	N.L.
984D	Retainer, C1 (Balance Piston) (Bonded)	1	07-Up	47984	N.L.
330D	Sleeve, C2 Drum (Bonded)	1	07-Up	47330	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Piston Kit, ACC, B1, B2, B3, C2, Incl. 4 Accumulator Pistons	N.I.	6	S47945K	47740-11K
Vol 9	Valve Kit, Cl. Control, O.S.-Valve, End Plugs (VB-FIX, T-F-44740-TL22 Req)	N.I.	10	S47741CK	47740-22K
Vol 9	Valve Kit, O.S. Sol Mod, Incl Valve, End Plug (T-VB-FIX, T-F-44740-TL24 Req)	N.I.	4	S47741DK	47740-24K
Vol 9	Valve Kit, Sec Press, O.S., Incl Valve, End Plug (VB-FIX, T-F-47740-TL26 Req)	N.I.	13	S47741PK	47740-26K
Vol 9	Valve Kit, B2 App Control, Inc 2 O.S. Valves, Spr, End Plug (VB-FIX, T-F-47740-TL27 Req)	N.I.	9	S47741SK	47740-27K
Vol 9	Piston, C1 Accumulator (w/ 2 O-Rings)	N.I.	7	S47927	47740-12K
Vol 9	End Plug Kit, VB (Incl. 6 Small, 2 Large & O-Rings)	N.I.	12	S47741-1K	47740-21K
Vol 9	Valve & Sleeve Assembly, B1 Boost	N.I.	8	S47741HK	47740-19K
Vol 9	Valve & Sleeve Assembly, Reverse Boost	N.I.	3	S47741RK	47740-17K
Vol 9	Valve & Sleeve Assembly, Lock-Up Boost	N.I.	1	S47741QK	47740-06K

VALVE BODY
GUIDE



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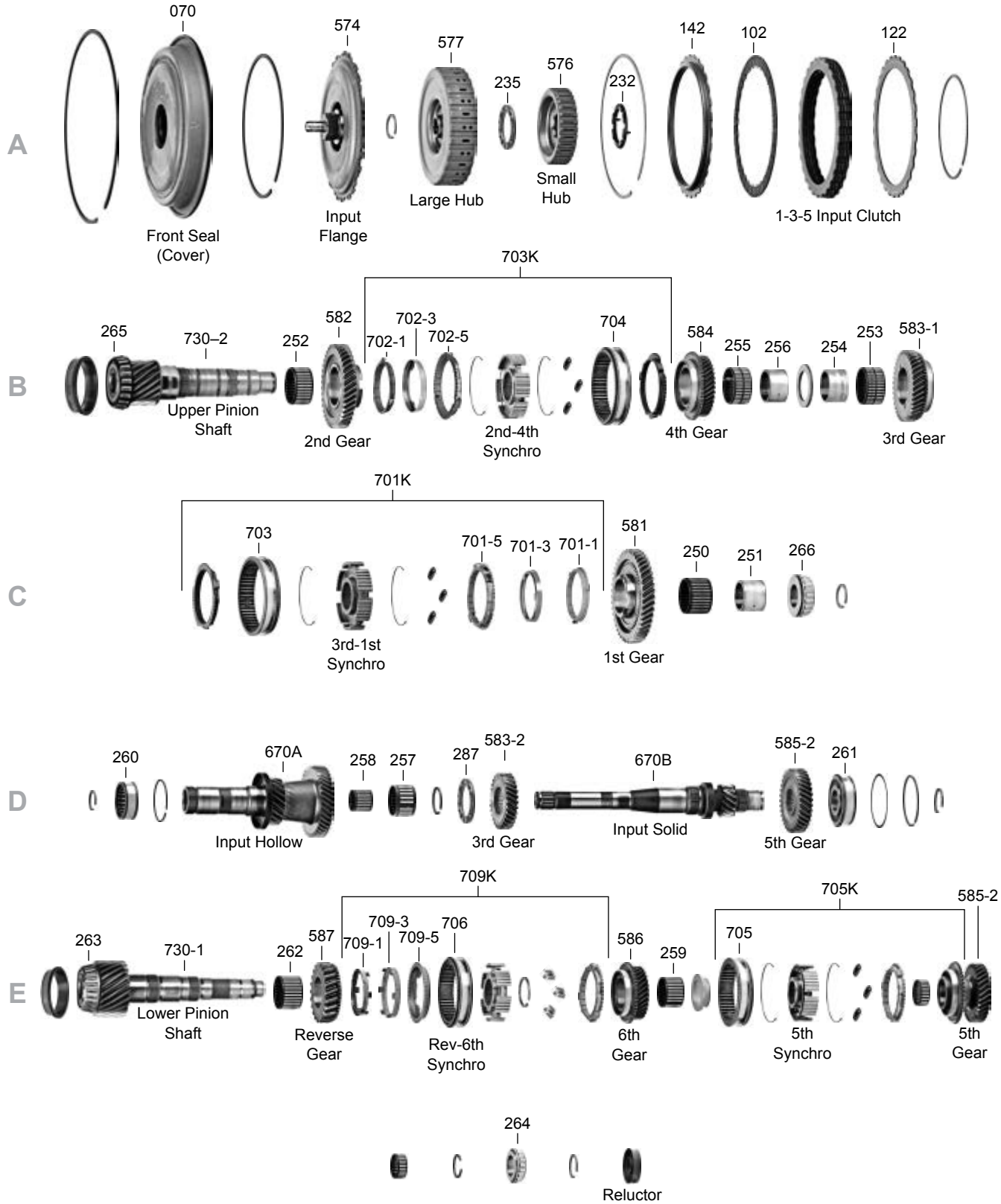

33010B

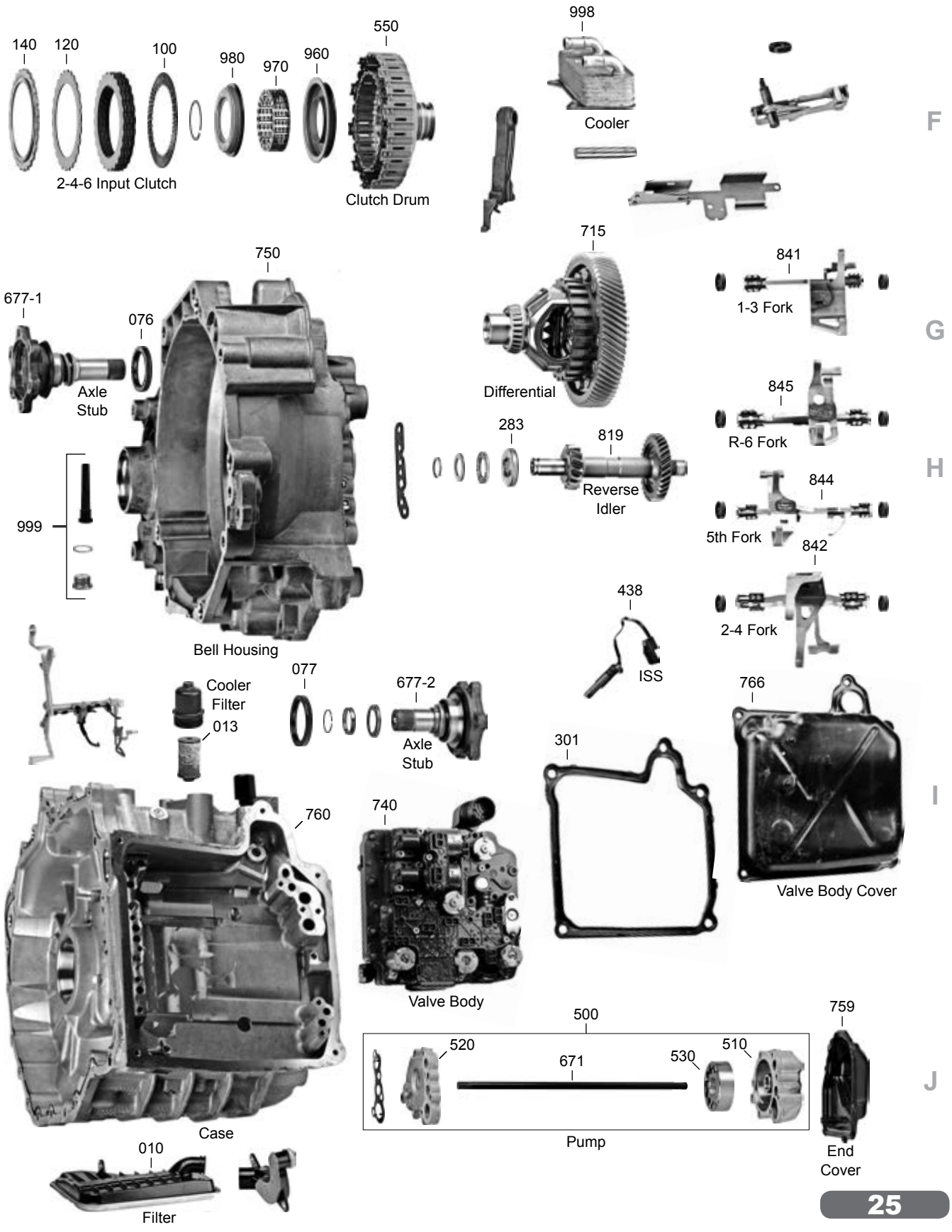

33010BA

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	VW 01J (w/ Piston)	1	02-Up	33006BP	N.L.
006	VW 01J (w/out Piston)	1	02-Up	33006BN	N.L.
	LESS STEEL KITS				
004	VW 01J (w/ Piston)	1	02-Up	33004BP	N.L.
004	VW 01J (w/out Piston)	1	02-Up	33004BN	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	VW 01J (w/ Piston)	1	02-Up	33002BP	N.L.
N.I.	VW 01J (w/out Piston)	1	02-Up	33002BN	N.L.
	MISCELLANEOUS COMPONENTS				
010	Filter, 01J (Deep)	1	02-Up	33010B	N.L.
010	Filter, 01J (Shallow)	1	02-Up	33010BA	N.L.
108	Friction, Forward	7	02-Up	33108B	N.L.
110	Friction, Reverse	6	02-Up	33110B	N.L.
128	Steel, Forward	7	02-Up	33128B	N.L.
130	Steel, Reverse	6	02-Up	33130B	N.L.
400	Tech Manual 01J (ATSG)	1	02-Up	33400BT	01J-CVT DG
420	Solenoid, Pressure Control	3	02-Up	33420B	N.L.
495	Filter Tube	1	02-Up	33495B	N.L.
700	Chain, 01J	1	02-Up	33700B	VW01J-29-04H
966	Piston, Reverse (Bonded)	1	02-Up	33966B	N.L.

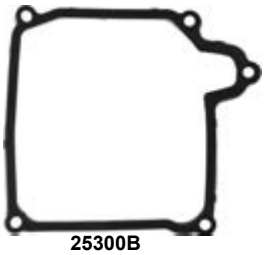
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Clutch Control Valve Kit, KSV, O.S. No Flow Notches (T-F33741B-TL2 req)	N.I.	7	S33741BFK	33741B-02K
Vol 9	Clutch Control Valve Kit, KSV, O.S. w/ Flow Notches (T-F33741B-TL2 req)	N.I.	8	S33741BFAK	33741B-03K
Vol 9	End Plug, UV Adjustable	N.I.	3	S33741BL-6	33741B-10
Vol 9	Flow Rate Kit, Volume, O.S. (T-F33741B-TL4 req)	N.I.	1	S33741BNK	33741B-04K
Vol 9	Safety Valve, O.S. (T-F-33741B-TL1 req)	N.I.	4	S33741BA-1	33741B-01
Vol 9	Valve Kit, UV Reduction, O.S. (T-F-33741B-TL8 req)	N.I.	2	S33741BL	33741B-08K
Vol 9	VSTV Pilot Press Valve, O.S. Early Style 01J (T-F-33741B-TL6 req)	N.I.	5	S33741BP-1	33741B-06
Vol 9	VSTV Pilot Press Valve, O.S. Late Style 01J (T-F-33741B-TL6 req)	N.I.	6	S33741BP-1A	33741B-07

Notes

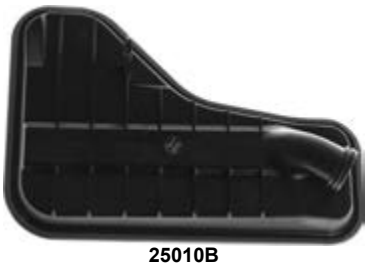

A
070
574
577
235
576
232
142
102
122
Front Seal (Cover)
Input Flange
Large Hub
Small Hub
1-3-5 Input Clutch
B
703K
265
730–2
252
582
702-3
702-1
702-5
704
584
255
256
254
253
583-1
Upper Pinion Shaft
2nd Gear
2nd-4th Synchro
4th Gear
3rd Gear
C
701K
703
701-5
701-3
701-1
581
250
251
266
3rd-1st Synchro
1st Gear
D
260
670A
258
257
287
583-2
670B
585-2
261
Input Hollow
3rd Gear
Input Solid
5th Gear
E
709K
705K
585-2
263
730-1
262
587
709-3
709-1
709-5
706
586
259
705
Lower Pinion Shaft
Reverse Gear
Rev-6th Synchro
6th Gear
5th Synchro
5th Gear
264
Reluctor


140
120
100
980
970
960
550
2-4-6 Input Clutch
Clutch Drum
998
Cooler
F
715
Differential
841
1-3 Fork
G
750
677-1
076
Axle Stub
845
R-6 Fork
283
819
Reverse Idler
H
999
844
5th Fork
842
2-4 Fork
438
ISS
Bell Housing
077
Cooler Filter
013
677-2
Axle Stub
766
301
I
760
740
Valve Body
Valve Body Cover
500
520
671
530
510
759
J
Case
Pump
End Cover
010
Filter

02E (DCT)



25300B



25010B

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
N.I.	02E (DCT) (w/ Pistons)	1	03-Up	25006BP	N.L.
N.I.	02E (DCT) (w/out Pistons)	1	03-Up	25006BN	N.L.
LESS STEEL KITS					
N.I.	02E (DCT) (w/ Pistons)	1	03-Up	25004BP	N.L.
N.I.	02E (DCT) (w/out Pistons)	1	03-Up	25004BN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
N.I.	02E (DCT) (w/ Pistons)	1	03-Up	25002BP	N.L.
N.I.	02E (DCT) (w/out Pistons)	1	03-Up	25002BN	N.L.
SUB KITS					
N.I.	Clutch Sub Kit	1	03-Up	25001B	N.L.
FILTERS					
010J	Filter, Main	1	03-Up	25010B	02E-325-429D
013I	Filter, Cooler Return	1	03-Up	25013B	02E-305-051C
METAL CLAD SEALS					
070A	Front (Front Cover) (Molded)	1	03-Up	25070B	02E-301-205C
076G	Axle (Right) (Bell)	1	03-Up	25076B	02T-409-189C
077I	Axle (Left) (Case)	1	03-Up	25077B	02M-301-189B
FRICTION PLATES					
102A	K1 (1-3-5 Input) (Large)	4	03-Up	25102B	N.L.
100F	K2 (2-4-6 Input) (Small)	5	03-Up	25100B	N.L.
701C	Synchronizer, 1st (Inner)	1	03-Up	25701B-1	N.L.
701C	Synchronizer, 1st (Center)	1	03-Up	25701B-3	N.L.
701C	Synchronizer, 1st (Outer)	1	03-Up	25701B-5	N.L.
702B	Synchronizer, 2nd (Inner)	1	03-Up	25702B-1	N.L.
702B	Synchronizer, 2nd (Center)	1	03-Up	25702B-3	N.L.
702B	Synchronizer, 2nd (Outer)	1	03-Up	25702B-5	N.L.
703C	Synchronizer, 3rd	1	03-Up	25703B	N.L.
704B	Synchronizer, 4th	1	03-Up	25704B	N.L.
705E	Synchronizer, 5th	1	03-Up	25705B	N.L.
706E	Synchronizer, 6th	1	03-Up	25706B	N.L.
709E	Synchronizer (Reverse) (Inner)	1	03-Up	25709B-1	N.L.
709E	Synchronizer (Reverse) (Center)	1	03-Up	25709B-3	N.L.
709E	Synchronizer (Reverse) (Outer)	1	03-Up	25709B-5	N.L.
STEEL PLATES					
122A	K1 (1-3-5 Input) (Large)	5	03-Up	25122B	N.L.
120F	K2 (2-4-6 Input) (Small)	6	03-Up	25120B	N.L.
PRESSURE PLATES					
142A	K1 (1-3-5 Input) (Large)	1	03-Up	25142B	N.L.
140F	K2 (2-4-6 Input) (Small)	1	03-Up	25140B	N.L.
VALVE BODY RECALIBRATION KITS					
N.I.	Valve Body Kit	1	03-Up	25165B	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	SEALING RINGS				
N.I.	Sealing Ring Kit	1	03-Up	25175B	N.L.
	THRUST WASHERS				
232A	Hub to Drum	1	03-Up	25232B	N.L.
N.I.	input Shim	1	03-Up	25249B	N.L.
	THRUST BEARINGS				
235A	Hub to Hub Clutch Drum	1	03-Up	25235B	N.L.
283H	Reverse Idler Gear (Front)	1	03-Up	25283B	N.L.
283H	Reverse Idler Gear (Rear)	1	03-Up	25283BA	N.L.
287D	Input	2	03-Up	25287B	N.L.
	CAGED BEARINGS				
250C	1st Driven Gear	1	03-Up	25250B	N.L.
251C	1st Driven Sleeve	1	03-Up	25251B	N.L.
252B	2nd Driven Gear	1	03-Up	25252B	N.L.
253B	3rd Driven Gear	1	03-Up	25253B	N.L.
254B	3rd Driven Sleeve	1	03-Up	25254B	N.L.
255B	4th Driven Gear	1	03-Up	25255B	N.L.
256B	4th Driven Sleeve	1	03-Up	25256B	N.L.
257D	5th Driven Gear (Front)	1	03-Up	25257B	N.L.
258D	5th Driven Gear (Rear)	1	03-Up	25258B	N.L.
259E	6th Driven Gear	1	03-Up	25259B	N.L.
262E	Reverse Driven Gear	1	03-Up	25262B	N.L.
	BALL / TAPERED BEARINGS				
260D	Input (Front)	1	03-Up	25260B	N.L.
261D	Input (Rear)	1	03-Up	25261B	N.L.
263E	Pinion Bearing, Lower (Front)	1	03-Up	25263B	N.L.
264E	Pinion Bearing, Lower (Rear)	1	03-Up	25264B	N.L.
265B	Pinion Bearing, Upper (Front)	1	03-Up	25265B	N.L.
266C	Pinion Bearing, Upper (Rear)	1	03-Up	25266B	N.L.
	GASKETS & O-RINGS				
N.I.	Gasket, Valve Body Cover (Molded Rubber)	1	03-Up	25301B	02E-321-371E
	TECHNICAL MANUALS				
N.I.	Diagnostic Guide	1	03-Up	25400BT	DSG 02E DG
	ELECTRICAL COMPONENTS				
N.I.	Solenoid, Multiplexer (N92) (Open Coil)	1	03-Up	25428B	N.L.
N.I.	Solenoid, 1st & 5th Shift (N88) (3 Bolt Holes)	1	03-Up	25430B	N.L.
N.I.	Solenoid, 2nd & 6th Shift (N90) (3 Bolt Holes)	1	03-Up	25430B	N.L.
N.I.	Solenoid, 3rd & Neutral Shift (N89) (3 Bolt Holes)	1	03-Up	25430B	N.L.
N.I.	Solenoid, 4th & Rev Shift (N91) (3 Bolt Holes)	1	03-Up	25430B	N.L.
N.I.	Solenoid, K1 Clutch Pressure (N215)	1	03-Up	25432B	N.L.
N.I.	Solenoid, K2 Clutch Pressure (N216)	1	03-Up	25432B	N.L.
N.I.	Solenoid, Cooling Oil (N218) (Steel top, 45 Degree Bracket)	1	03-Up	25435B	N.L.
N.I.	Solenoid, Main Pressure (N217) (Steel top, 45 Degree Bracket)	1	03-Up	25435B	N.L.
N.I.	Sensor, Input Speed & Clutch Temp	1	03-Up	25438B	N.L.
N.I.	Solenoid, Safety Valve 1 (N233) (Brass Top, 90 Degree Bracket)	1	03-Up	25439B	N.L.
N.I.	Solenoid, Safety Valve 2 (N371) (Brass Top, 90 Degree Bracket)	1	03-Up	25439B	N.L.
N.I.	Case Connector Plate w/ TCM & Sensors	1	03-Up	25444B	N.L.
N.I.	Printed Circuit Plate	1	03-Up	25446B	N.L.
	PUMPS				
500J	Pump Assembly	1	03-Up	25500B	N.L.
510J	Pump Body	1	03-Up	25510B	N.L.
520J	Pump Cover	1	03-Up	25520B	N.L.
530J	Pump Gears	1	03-Up	25530B	N.L.
	DRUMS & CLUTCH HUBS				
550F	Drum, Dual Clutch	1	03-Up	25550B	N.L.
574A	Hub, Input Flange	1	03-Up	25574B	N.L.
576A	Hub, Small Clutch	1	03-Up	25576B	N.L.
577A	Hub, Large Clutch	1	03-Up	25577B	N.L.

02E (DCT)

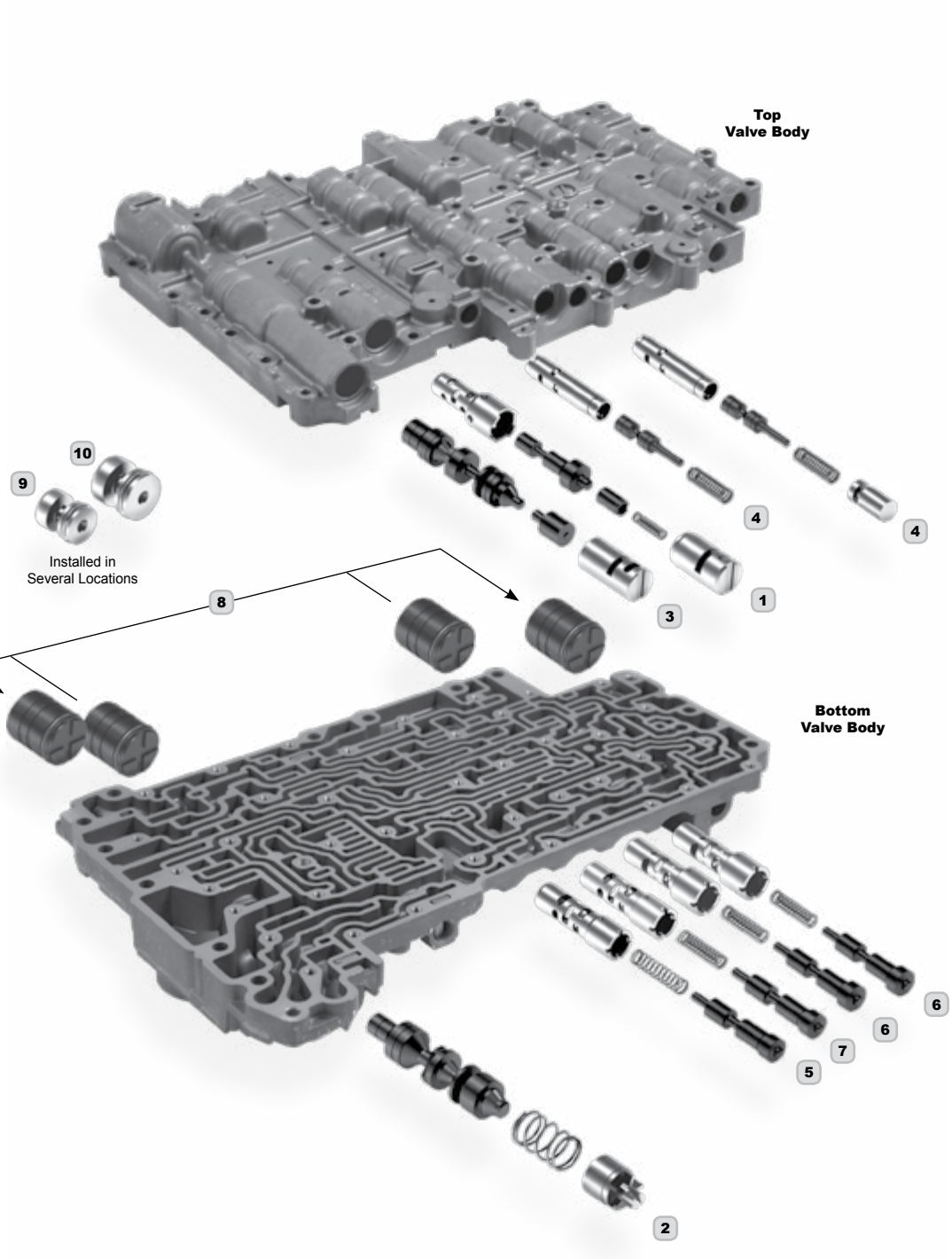
ILL.		QTY.	YEAR	PART No.	REF. No.
	SHAFTS				
670D	Input (Hollow)	1	03-Up	25670BA	N.L.
670D	Input (Solid)	1	03-Up	25670BB	N.L.
677G	Axle Bell	1	03-Up	25677B-1	N.L.
677I	Axle Case	1	03-Up	25677B-2	N.L.
730E	Lower Pinion	1	03-Up	25730B-1	N.L.
730B	Upper Pinion	1	03-Up	25730B-2	N.L.
671J	Pump	1	03-Up	25671B	N.L.
	VALVE BODIES				
740I	Valve Body	1	03-Up	25740B	N.L.
	CASES & HOUSINGS				
750G	Bell Housing	1	03-Up	25750B	N.L.
760I	Case	1	03-Up	25760B	N.L.
766I	Cover, Valve Body	1	03-Up	25766B	N.L.
759J	Cover, End (Bonded)	1	03-Up	25759B	02E-315-141A
	DIFFERENTIALS				
715G	Differential	1	03-Up	25715B	N.L.
	MISCELLANEOUS COMPONENTS				
581C	Gear, 1st Driven	1	03-Up	25581B	N.L.
582B	Gear, 2nd Driven	1	03-Up	25582B	N.L.
583B	Gear, 3rd Driven	1	03-Up	25583B-1	N.L.
583D	Gear, 3rd Drive	1	03-Up	25583B-2	N.L.
584B	Gear, 4th Driven	1	03-Up	25584B	N.L.
585D	Gear, 5th Driven	1	03-Up	25585B-1	N.L.
585E	Gear, 5th Drive	1	03-Up	25585B-2	N.L.
586E	Gear, 6th Driven	1	03-Up	25586B	N.L.
587E	Gear, Reverse Driven	1	03-Up	25587B	N.L.
701C	Synchronizer Kit, 1-3	1	03-Up	25701BK	N.L.
703B	Synchronizer Kit, 2-4	1	03-Up	25703BK	N.L.
705E	Synchronizer Kit, 5th	1	03-Up	25705BK	N.L.
709E	Synchronizer Kit, Rev-6	1	03-Up	25709BK	N.L.
819H	Gear, Reverse Idler	1	03-Up	25819B	N.L.
841G	Fork, 1-3	1	03-Up	25841B	N.L.
842H	Fork, 2-4	1	03-Up	25842B	N.L.
844H	Fork, 5th	1	03-Up	25844B	N.L.
845G	Fork, Rev-6	1	03-Up	25845B	N.L.
N.I.	Snap Ring Kit (16 Snap Rings)	1	03-Up	25860BK	N.L.
960F	Piston, K2 (Small Clutch) (Bonded)	1	03-Up	25960B	N.L.
970F	Return Spring (Small Clutch)	1	03-Up	25976B	N.L.
980F	Retainer, K2 (Small Clutch) (Balance Piston) (Bonded)	1	03-Up	25980B	N.L.
998F	Cooler	1	03-Up	25998B	N.L.
999H	Standpipe, Fluid Level	1	03-Up	25999B	N.L.
999H	Lube Tube (Large)	1	03-Up	25999B-1	N.L.
999H	Lube Tube (Small)	1	03-Up	25999B-2	N.L.

Notes

Notes

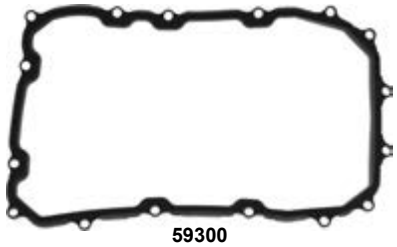
09D, TR60SN

VALVE BODY
GUIDE



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09D, TR60SN

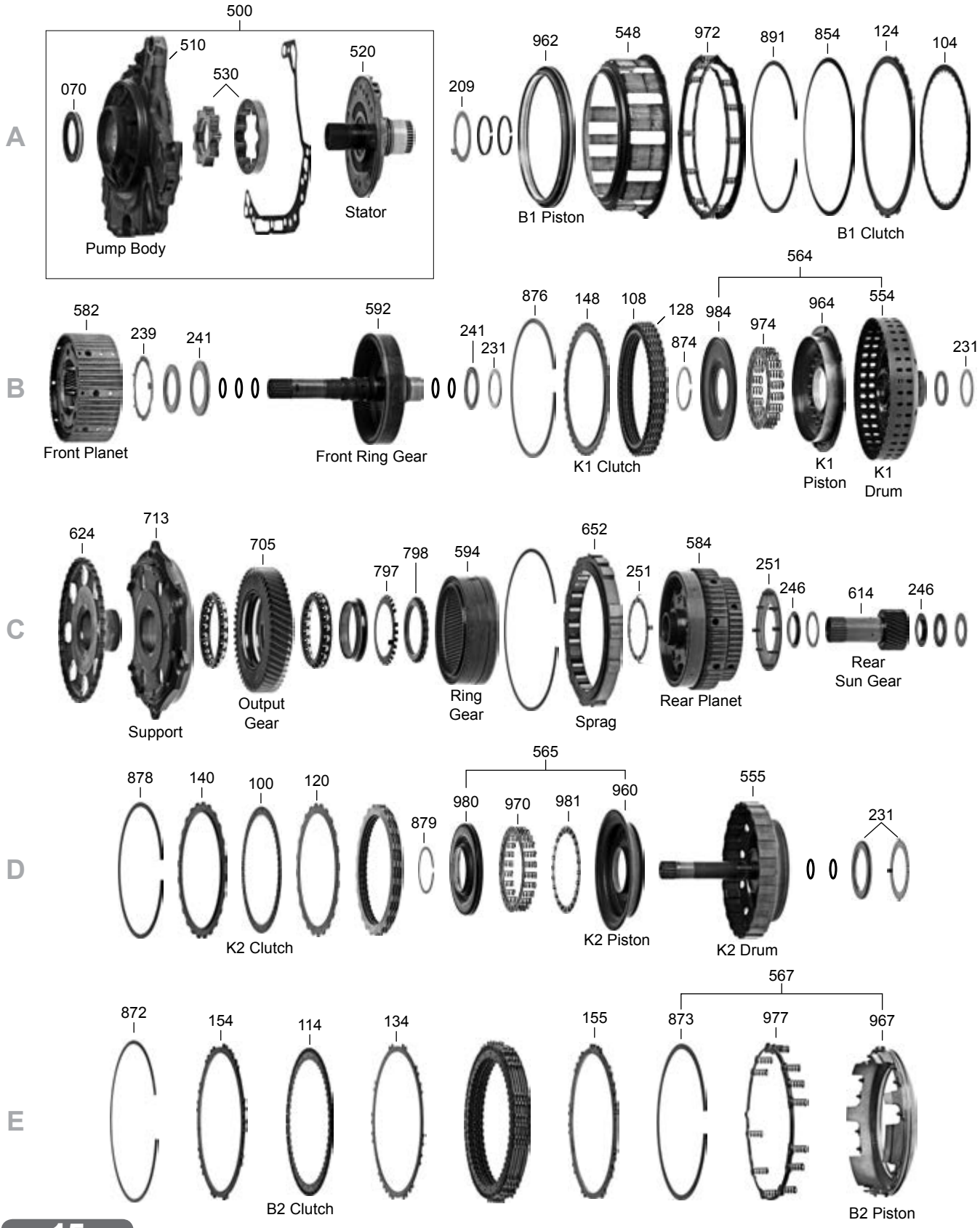


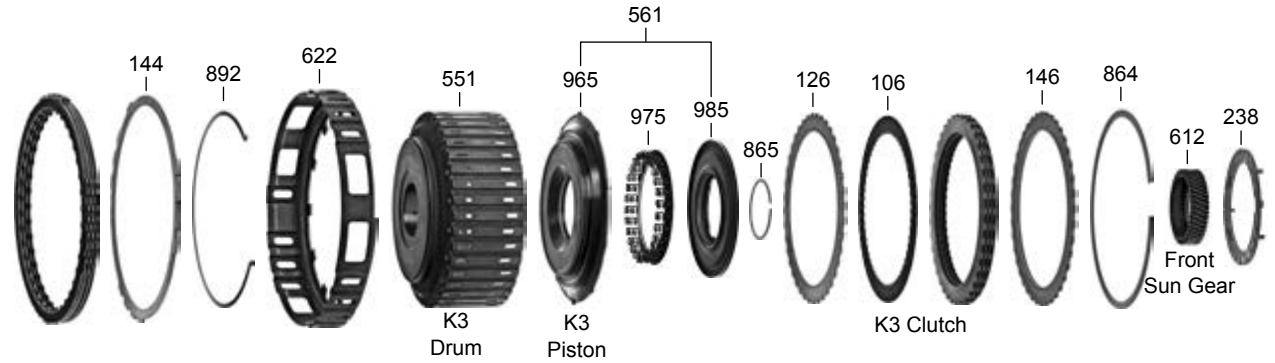
59300

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
N.I.	VW 09D (TR60SN)	1	03-07	59006	N.L.
	LESS STEEL KITS				
N.I.	VW 09D (TR60SN)	1	03-07	59004	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
N.I.	VW 09D (TR60SN)	1	03-07	59002	N.L.
	BUSHINGS				
N.I.	Bushing Kit (Solid Bronze)	1	03-07	59030	N.L.
	METAL CLAD SEALS				
70	Front (Converter)	1	03-07	59070	N.L.
74	Rear	1	03-07	59074	N.L.
	FRICTION PLATES				
100	K2	7	03-07	59100	N.L.
104	B1	6	03-07	59104	N.L.
106	K3	5	03-07	59106	N.L.
108	K1	7	03-07	59108	N.L.
114	B2	7	03-07	59114	N.L.
	STEEL PLATES				
120	K2	7	03-07	59120	N.L.
124	B1	5	03-07	59124	N.L.
126	K3	5	03-07	59126	N.L.
128	K1	7	03-07	59128	N.L.
134	B2	6	03-07	59134	N.L.
	VALVE BODY RECALIBRATION KITS				
N.I.	Shift Kit®, 09D (04-07 Touareg, 03-06 Porsche Cayenne) (Transgo®)	1	03-07	T59165	SK® 09D
	MISCELLANEOUS COMPONENTS				
N.I.	Filter	1	03-07	59010	N.L.
N.I.	Pan Gasket	1	03-07	59300	N.L.
N.I.	Tech Manual VW 09D (TR60SN)	1	03-07	59400	N.L.
421	Solenoid, TCC (Black Connector) (5.3 OHM)	1	03-07	15425	N.L.
421	Solenoid, C1, C2, C3 & B1 (Green Connector) (5.3 OHM)	1	03-07	15428	N.L.
N.I.	Valve Body (Premium) (w/ Pressure Switches)	1	03-07	P59740-1	N.L.
N.I.	Valve Body (Premium) (w/o Pressure Switches)	1	03-07	P59740-2	N.L.
N.I.	Tool, Solenoid Rebuild	1	03-07	T-35199	N.L.
N.I.	Tool, Solenoid Bushing Installer (Bushings 89033-25, 89033-50, 89033-100)	1	03-07	T-89428RK	N.L.

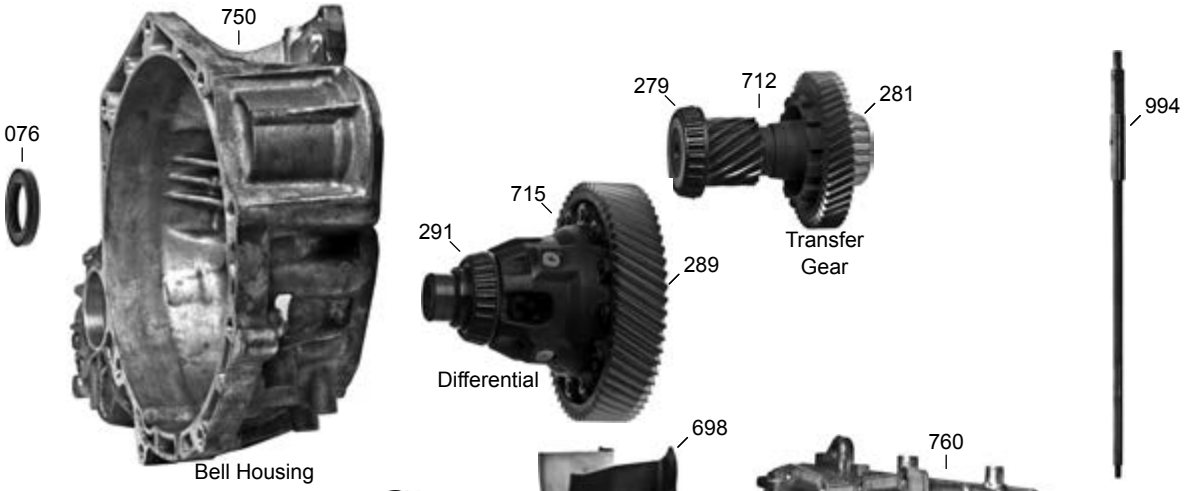
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Accumulator Piston Kit (Can be used in any valve body location)	N.I.	10	S39927K	15741-14K
Vol 9	K1 Clutch Control Valve Kit (T-F-25741-TL25 & T-VB-FIX req)	N.I.	7	S59741SB-1	25741-25K
Vol 9	K2 Clutch/B1 Brake Control Valve Kit (T-F-25741-TL5 & T-VB-FIX req)	N.I.	8	S59741S-1	25741-05K
Vol 9	K3 Clutch Control Valve Kit (T-F-25741-TL8 & T-VB-FIX req)	N.I.	9	S59741SA-1	25741-08K
Vol 9	Lock-Up Clutch Control Valve Kit (T-F-25741-TL29 & T-VB-FIX req)	N.I.	1	S59741C-1	25741-29K
Vol 9	O-Ringed End Plug Kit (11mm)	N.I.	12	S39741-6AK	15741-36K
Vol 9	O-Ringed End Plug Kit (9mm)	N.I.	11	S39741-6BK	15741-35K
Vol 9	Pressure Regulator & End Plug Kit O.S. (F-25741-TL & T-VB-FIX req)	N.I.	4	S59741P-1	25741-01K
Vol 9	Secondary Regulator Valve Kit (T-F-25741-TL11 & T-VB-FIX req)	N.I.	5	S59741PA-1	25741-11K
Vol 9	Solenoid Modulator Valve Kit (T-F-25741-TL18 & T-VB-FIX req)	N.I.	6	S59741D-1	25741-18K
Vol 9	Valve Kit, L/U Control, Incl Valve, Spring, Sleeve	N.I.	2	S59741CK	25741-34K
Vol 9	Valve Kit, Secondary Pressure, Incl Valve, Sleeve	N.I.	3	S59741FK	25741-36K

09G, TF60SN

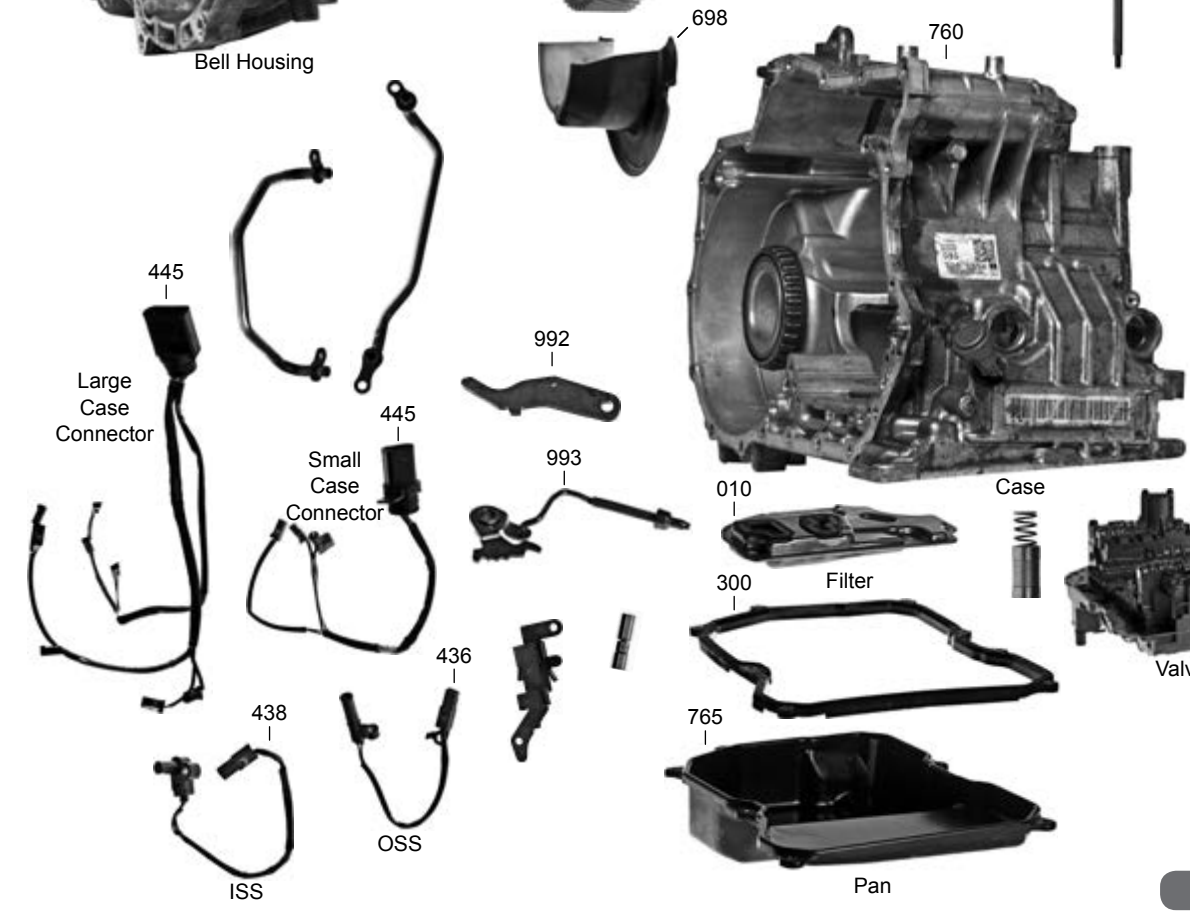

A
500
510
070
530
520
Pump Body
Stator
209
962
548
972
891
854
124
104
B1 Piston
B1 Clutch
B
564
582
239
241
592
241
231
876
148
108
128
984
974
964
554
231
874
Front Planet
Front Ring Gear
K1 Clutch
K1 Piston
K1 Drum
C
624
713
705
797
798
594
652
251
584
251
246
614
246
Support
Output Gear
Ring Gear
Sprag
Rear Planet
Rear Sun Gear
D
565
878
140
100
120
879
980
970
981
960
555
231
K2 Clutch
K2 Piston
K2 Drum
E
567
872
154
114
134
155
873
977
967
B2 Clutch
B2 Piston


561
144
892
622
551
965
975
985
865
126
106
146
864
612
238
K3 Drum
K3 Piston
K3 Clutch
Front Sun Gear

F


750
076
279
712
281
994
715
291
289
Transfer Gear
Differential
Bell Housing

G


698
760
077
445
992
Large Case Connector
445
Small Case Connector
993
010
Filter
Case
740
Valve Body
300
436
438
765
OSS
ISS
Pan

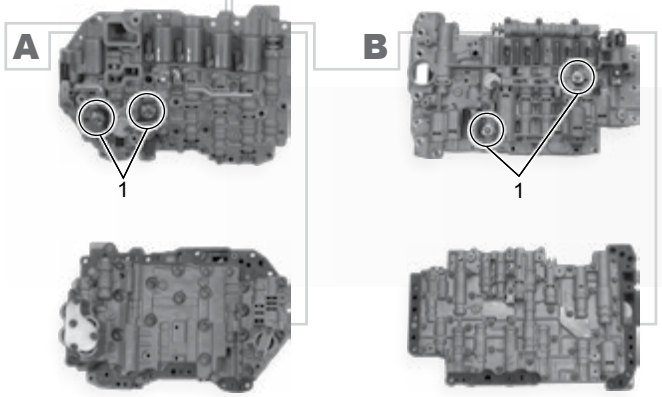
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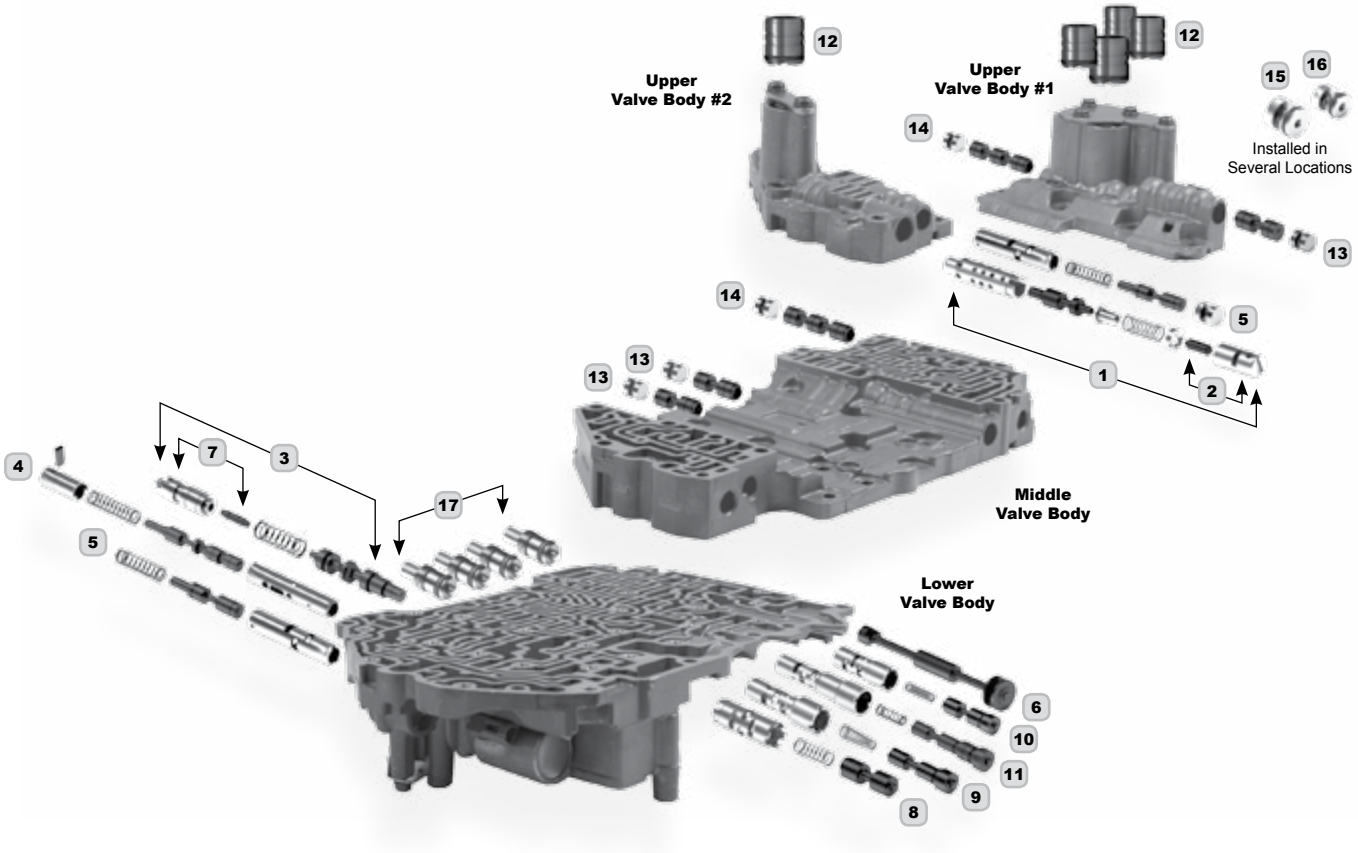
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09G, TF60SN

VALVE BODY GUIDE

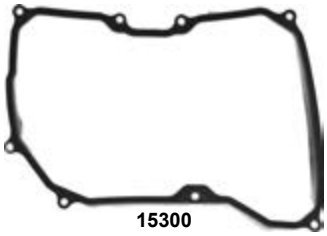
	Part	Year	Trans.	
A	P15740-1	41734	TF60	up to 6-04 w/case cooler, w/switches (1)
	P15740-2	41734	TF60	up to 6-04 w/remote cooler, w/switches (1)
	P15740-3	05-Up	TF60	from 7-04 w/case cooler, w/o switches (1)
	P15740-4	05-Up	TF60	from 7-04 w/remote cooler, w/o switches (1)
B	P59740-2	04-Up	TR60	w/o pressure switches (1)
	P59740-1	04-Up	TR60	w/pressure switches (1)





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09G, TF60SN


15300


15010


15010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	09G (TF60SN) (w/ Pistons*) (With .067" K1 Friction)	1	03-Up	15006P	N.L.
006	09G (TF60SN) (w/ Pistons*) (With .059" K1 Friction) (2.5L Jetta)	1	05-Up	15006AP	N.L.
006	09K (TF62SN) (w/Pistons*)	1	03-Up	15006BP	N.L.
006	09M (TF61SN) (w/Pistons*)	1	06-Up	15006CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 15004AN				
	LESS STEEL KITS				
004	09G (TF60SN) (w/ Pistons*) (With .067" K1 Friction)	1	03-Up	15004P	N.L.
004	09G (TF60SN) (w/ Pistons*) (With .059" K1 Friction) (2.5L Jetta)	1	05-Up	15004AP	N.L.
004	09K (TF62SN) (w/Pistons*)	1	03-Up	15004BP	N.L.
004	09M (TF61SN) (w/Pistons*)	1	06-Up	15004CP	N.L.
004	09M (TF61SN) (w/Pistons*)	1	06-Up	15004CP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 15004AN				
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	09G (TF60SN) (w/out Pistons**)	1	03-Up	15002AN	N.L.
002	09K (TF62SN) (w/out Pistons**)	1	03-Up	15002BN	N.L.
002	09M (TF61SN) (w/out Pistons**)	1	06-Up	15002CN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 15002AP				
	FILTERS				
010I	09G (Flat Inlet)	1	03-Up	15010	09G-325-429
010I	09G (Raised Inlet)	1	03-Up	15010A	N.L.
010I	09K (TF62SN) (VW Transporter)	1	05-Up	15010B	N.L.
010I	09M (TF60SN) (VW Passat)	1	06-Up	15010C	N.L.
010I	Mini Cooper	1	06-Up	15010D	N.L.
	BUSHINGS				
030	Bushing Kit (Solid Bronze)	1	03-Up	15030	N.L.
N.I.	Stator	1	03-Up	15036	N.L.
N.I.	Pump	1	03-Up	15034	N.L.
N.I.	K3 Drum	1	03-Up	15046	N.L.
N.I.	Rear Planet (Front)	1	03-Up	15053A	N.L.
N.I.	Rear Planet (Rear)	1	03-Up	15053B	N.L.
N.I.	Forward Sun Gear	2	03-Up	15052	N.L.
N.I.	Case (09G, TF60SN)	1	03-Up	15064	N.L.
N.I.	Case (Oversized) (req T-90330)	1	03-Up	15064X	N.L.
	METAL CLAD SEALS				
070A	Converter	1	03-Up	15070	N.L.
N.I.	Manual Lever	1	03-Up	60072	91209612003
076G	Axle, Right (Bell) (09G)	1	03-Up	89076	N.L.
076G	Axle, Right (Bell) (09K)	1	05-Up	15076A	N.L.
076G	Axle, Right (Bell) (09M)	1	06-Up	15076B	N.L.
076G	Axle, Right (Bell) (09M) (AWD)	1	06-Up	15076C	N.L.
077H	Axle, Left (Case) (09G)	1	03-Up	89076	N.L.
077H	Axle, Left (Case) (09K)	1	05-Up	15076A	N.L.
077H	Axle, Left (Case) (09M)	1	06-Up	89076	N.L.
	FRICTION PLATES				
104A	B1	4-6	03-Up	15104	N.L.
114E	B2 (.067") (09G, 09K)	6	03-Up	15114	N.L.
114E	B2 (.059") (09M)	6	06-Up	15114A	N.L.
108B	K1 (.067") (09K)	5-6	03-Up	15108	N.L.

09G, TF60SN

ILL.		QTY.	YEAR	PART No.	REF. No.
FRICTION PLATES (Cont.)					
108B	K1 (.059")	5-6	05-Up	15108A	N.L.
100C	K2 (55T) (.067")	3-5	03-Up	15100	N.L.
100C	K2 (60T) (.059") (09K)	3-6	03-Up	15100A	N.L.
100C	K2 (60T) (.067")	4	06-Up	15100B	N.L.
106F	K3 (.067) (09G, 09K)	3	03-Up	15106	N.L.
106F	K3 (.059") (09M)	3-5	06-Up	15106A	N.L.
STEEL PLATES					
124A	B1	3-6	03-Up	15124	N.L.
134E	B2	5-6	03-Up	15134	N.L.
128B	K1	5-6	03-Up	15128	N.L.
120C	K2	3-6	03-Up	15120	N.L.
126F	K3	3-5	03-Up	15126	N.L.
PRESSURE PLATES					
144F	B1	1	03-Up	15144	N.L.
154E	B2	1	03-Up	15154	N.L.
148B	K1	1	03-Up	15148	N.L.
140C	K2	1	03-Up	15140	N.L.
146F	K3	1	03-Up	15146	N.L.
VALVE BODY RECALIBRATION KITS					
N.I.	Shift Kit®, TF60SN (09G) (Transgo®)	1	03-Up	T15165	SK® 09G
SEALING RINGS					
N.I.	Sealing Ring Kit (09G, 09K)	1	03-Up	15175	N.L.
THRUST WASHERS					
N.I.	Thrust Washer Kit	1	03-Up	15200	N.L.
209A	Stator	1	03-Up	15209	N.L.
238F	Front Planet (Front)	1	03-Up	15238A	N.L.
238B	Front Planet (Rear)	1	03-Up	15238B	N.L.
251A	Rear Planet (Front)	1	03-Up	15251A	N.L.
251B	Rear Planet (Rear)	1	03-Up	15251B	N.L.
BEARINGS & RACES					
241B	Front Ring Gear (Front)	1	03-Up	15241A	N.L.
241B	Front Ring Gear (Rear)	1	03-Up	15241B	N.L.
289G	Final Drive Bearing Rear (exc Awd)	1	03-Up	15289	N.L.
289G	Final Drive Bearing Rear (Awd)	1	03-Up	15289A	N.L.
291G	Final Drive Bearing Front (exc Awd)	1	03-Up	15291	N.L.
291G	Final Drive Bearing Front (Awd)	1	03-Up	15291A	N.L.
281G	Output Drive Bearing	2	03-Up	15281	N.L.
279G	Transfer Gear Bearing	1	03-Up	15279	N.L.
246C	Rear Sun Gear (Front)	1	03-Up	15246A	N.L.
246C	Rear Sun Gear (Rear)	1	03-Up	15246B	N.L.
231B	K1 Drum (Rear)	1	03-Up	15231A	N.L.
231B	K2 Drum (Rear)	1	03-Up	15231B	N.L.
GASKETS & O-RINGS					
300I	Gasket, Bottom Pan (09G) (8 Bolt) (Molded Rubber)	1	03-Up	15300	N.L.
300I	Gasket, Bottom Pan (09K) (7 Bolt) (Molded Rubber)	1	03-Up	15300A	N.L.
300I	Gasket, Bottom Pan (09M) (9 Bolt) (Molded Rubber)	1	06-Up	15300B	N.L.
320	Valve Body Gasket Kit (TF60SN, TF62SN)	1	03-Up	15320K	N.L.
N.I.	Gasket, Pump	1	03-Up	15310	N.L.
N.I.	O-Ring, Pump	1	03-Up	15311	N.L.
TECHNICAL MANUALS					
N.I.	Technical Manual	1	03-Up	15400	VW09G/09M
N.I.	Diagnostic Guide (09G, 09M, TF60-SN)	1	03-Up	15400T	TF60-SN
ELECTRICAL COMPONENTS					
410	Switch, MLPS	1	03-Up	15410	N.L.
421	Solenoid, TCC (Black Connector) (5.3 OHM)	1	03-12	15425	N.L.
421	Solenoid, C1, C2, C3 & B1 (Green Connector) (5.3 OHM)	1	03-12	15428	N.L.
436I	Sensor, Output Speed (OSS)	1	03-Up	15436	N.L.
438I	Sensor, Input Speed (ISS)	1	03-Up	15438	N.L.

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS (Cont.)				
445I	Harness w/ Small Connector (09G exc Mini Cooper)	1	03-Up	15445A	N.L.
445I	Harness w/ Large Connector (09G exc Mini Cooper)	1	03-Up	15445B	N.L.
	PUMPS				
500A	Pump Assembly (w/ Integral Cooler)	1	03-Up	15500	N.L.
510A	Pump Body	1	03-Up	15510	N.L.
520A	Pump Cover	1	03-Up	15520	N.L.
530A	Pump Gears (9T Inner)	1	03-Up	15530	N.L.
	DRUMS & CLUTCH HUBS				
551F	K3	1	03-Up	15551	N.L.
554B	K1 (09G, 09K)	1	03-Up	15554	N.L.
554B	K1 Drum Kit, Incl Drum, Piston, Spring Retainer (09G, 09K)	1	03-Up	15554K	N.L.
555D	K2	1	03-Up	15555	N.L.
	PLANETS				
582B	Planet, Front (5 Gear)	1	03-Up	15582	N.L.
584C	Planet, Rear w/ Sun Gear (8 Gear)	1	03-Up	15584	N.L.
592B	Ring Gear, Front w/ Shaft	1	03-Up	15592	N.L.
594C	Ring Gear, Rear	1	03-Up	15594	N.L.
	SUN GEARS, SHELLS & SUPPORTS				
612F	Sun Gear, Front (44T)	1	03-Up	15612	N.L.
614C	Sun Gear, Rear (Forward) (30T, 28 Spline)	1	03-Up	15614	N.L.
622F	Shell, B1	1	03-Up	15622	N.L.
624C	Shell, Sun Gear	1	03-Up	15624	N.L.
	ONE WAY CLUTCHES				
652C	Low (One Way Clutch)	1	03-Up	15652	N.L.
	VALVE BODIES				
740I	Valve Body (Premium) w/ Switches (Case Cooler) (04-06/04)	1	04-E04	P15740-1	N.L.
740I	Valve Body (Premium) w/ Switches (Remote Cooler) (04-06/04)	1	04-E04	P15740-2	N.L.
740I	Valve Body (Prem) No Switch, Large Linear Solenoids (Case Cooler) (7/04-Up)	1	L04-Up	P15740-3	N.L.
740I	Valve Body (Prem) No Switch, Small Linear Solenoids (Case Cooler) (7/04-Up)	1	L04-Up	P15740-5	N.L.
740I	Valve Body (Premium) No Switches, Large Linear Solenoids (Remote Cooler)	1	L04-Up	P15740-4	N.L.
740I	Valve Body (Premium) No Switches, Small Linear Solenoids (Remote Cooler)	1	L04-Up	P15740-6	N.L.
	CASES & HOUSINGS				
750G	Bell Housing (w/ Integral Cooler)	1	03-Up	15750	N.L.
760H	Case (w/ Integral Cooler)	1	03-Up	15760	N.L.
765I	Pan (09G) (8 Bolt) (Corner Stand Pipe) (Shallow, No Step)	1	03-08	15765	096-321-351
765I	Pan (09K) (7 Bolt) (Center Stand Pipe)	1	03-08	15765B	N.L.
765I	Pan (09M) (9 Bolt)	1	03-08	15765C	N.L.
765I	Pan (Mini-Cooper) (8 Bolt)	1	03-08	15765D	N.L.
	DIFFERENTIALS				
715G	2wd (58T Ring Gear)	1	03-Up	15715A	N.L.
715G	Awd	1	03-Up	15715B	N.L.
	MISCELLANEOUS COMPONENTS				
548A	Apply Ring, B1	1	03-08	15548	N.L.
705C	Gear, Output (Drive) (53T Outer, 77T Inner)	1	03-08	15705	N.L.
712G	Gear, Transfer w/ Pinion (15T / 48T)	1	03-08	15712	N.L.
713C	Support, Drive Gear	1	03-Up	15713	N.L.
797C	Gear Support Lock	1	03-08	15797	N.L.
798C	Gear Support Nut	1	03-08	15798	N.L.
854A	Cushion, B1	1	03-08	15854	N.L.
960D	Piston, K2 (Bonded)	1	03-08	15960	N.L.
N.I.	Piston Kit (Bonded)	1	03-08	15960K	N.L.
962A	Piston, B1	1	03-08	15962	N.L.
964B	Piston, K1	1	03-08	15964	N.L.
965F	Piston, K3	1	03-08	15965	N.L.
967E	Piston, B2	1	03-08	15967	N.L.
970D	Return Spring, K2	1	03-08	15970	N.L.
972A	Return Spring, B1	1	03-08	15972	N.L.
974B	Return Spring, K1	1	03-08	15974	N.L.

09G, TF60SN

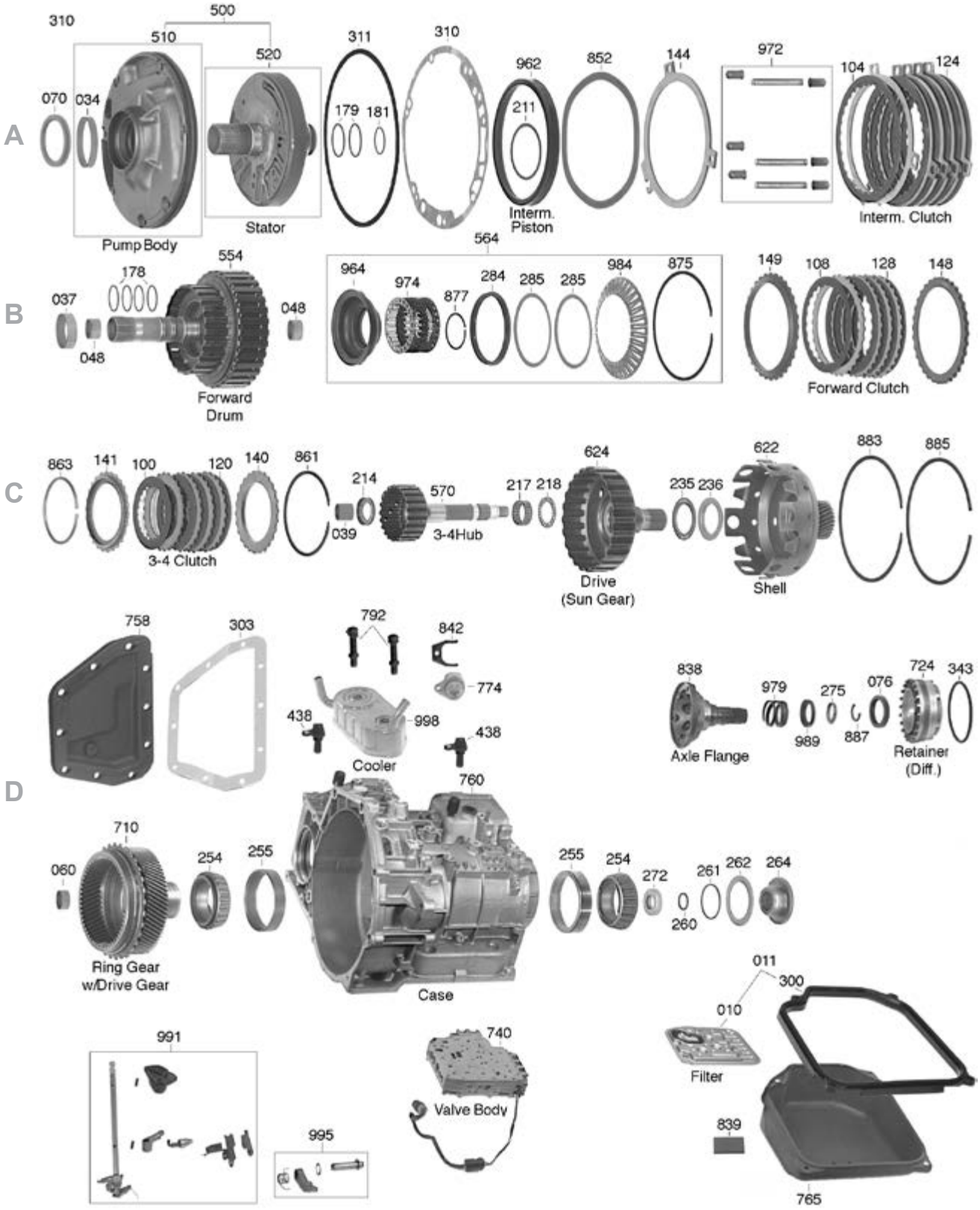
ILL.		QTY.	YEAR	PART No.	REF. No.
MISCELLANEOUS COMPONENTS (Cont.)					
975F	Return Spring, K3	1	03-08	15975	N.L.
977E	Return Spring, B2	1	03-08	15977	N.L.
980D	Retainer, K2 (Balance Piston) (Bonded)	1	03-08	15980	N.L.
984B	Retainer, K1 (Balance Piston) (Bonded)	1	03-08	15984	N.L.
985F	Retainer, K3 (Balance Piston) (Bonded)	1	03-08	15985	N.L.
N.I.	Stand Pipe, Oil Level (White, 1.953" Overall Length) (09G)	1	03-08	15999	N.L.
N.I.	Stand Pipe, Oil Level (Dark Brown, 1.408" Overall Length) (09G)	1	03-08	15999A	N.L.
N.I.	Stand Pipe, Oil Level (Red) (09K)	1	03-08	15999B	N.L.
N.I.	Stand Pipe, Oil Level (Blue, 1.615" Overall Length) (Mini-Cooper)	1	03-08	15999C	N.L.
N.I.	Tool, Solenoid Rebuild	1	03-08	T-35199	N.L.
N.I.	Tool, Solenoid Bushing Installer (Bushings 89033-25, 89033-50, 89033-100)	1	03-08	T-89428RK	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
	Fits BMW 6F21WA & VW/Audi 09G, 09K, 09M				
Vol 9	Accumulator Piston Kit (Can be used in any of 5 locations)	N.I.	12	S39927K	15741-14K
Vol 9	B1 Brake Control Valve Kit (T-F-15741-TL22 & T-VB-FIX req)	N.I.	11	S15741H-1K	15741-22K
Vol 9	C1 Clutch Control Valve Kit (T-F-15741-TL25 & T-VB-FIX req)	N.I.	8	39741H-7KA	15741-25K
Vol 9	K2 Clutch Control Valve Kit (T-F-15741-TL5 & T-VB-FIX req)	N.I.	9	15741H-7KB	15741-05K
Vol 9	K-2 Clutch Seal Ring Sleeve Kit	N.I.	N.I.	15741H-7KC	15759-01K
Vol 9	K3 Clutch Control Valve Kit (T-F-15741-TL8 & T-VB-FIX req)	N.I.	10	15741H-7KD	15741-08K
Vol 9	Lock-Up Clutch Control Valve Kit (T-F-15741-TL29, -TL29PL, T-VB-FIX req)	N.I.	1	S39741C-1K	15741-29K
Vol 9	Manual Valve O.S. (T-F-15741-TL41 & T-VB-FIX req)	N.I.	6	S15741M-1	15741-41
Vol 9	O-Ringed End Plug Kit (11mm)	N.I.	16	S39741-6AK	15741-36K
Vol 9	O-Ringed End Plug Kit (9mm)	N.I.	15	S39741-6BK	15741-35K
Vol 9	Pressure Regulator & Boost Valve Kit O.S. (T-F-15741-TL & T-VB-FIX req)	N.I.	3	S15741PK	15741-01K
Vol 9	Secondary Regulator Valve Kit (T-15741-TL11 req)	N.I.	4	S15741PAK	15741-11K
Vol 9	Solenoid Modulator Valve Kit (T-F-15741-TL18, -TL29PL & T-VB-FIX req)	N.I.	5	S39741LBK	15741-18K
Vol 9	Spring Adjustment Kit (Incl 4 Spring Adjusters & 6 O-Rings)	N.I.	17	S39741-1K	15741-48K
Vol 9	Valve Kit, Lock-Up, Clutch Control, Incl. Valve/Sleeve	N.I.	2	S39741C-1	15741-53K
Vol 9	Valve Kit, Relay Control Switch, 3 Spool, O.S., Incl. 1 Valve, End Plug	N.I.	14	S39741RK	15741-50K
Vol 9	Valve Kit, Relay/Signal 2 Spool O.S. 2 Valves, End Plugs (T-VB-FIX, T-F-33741B-TL1 Req)	N.I.	13	S39741SK	15741-49K
Vol 9	Valve Kit, Reverse Boost, Incl Valve, Sleeve	N.I.	7	S15741PCK	15741-51K

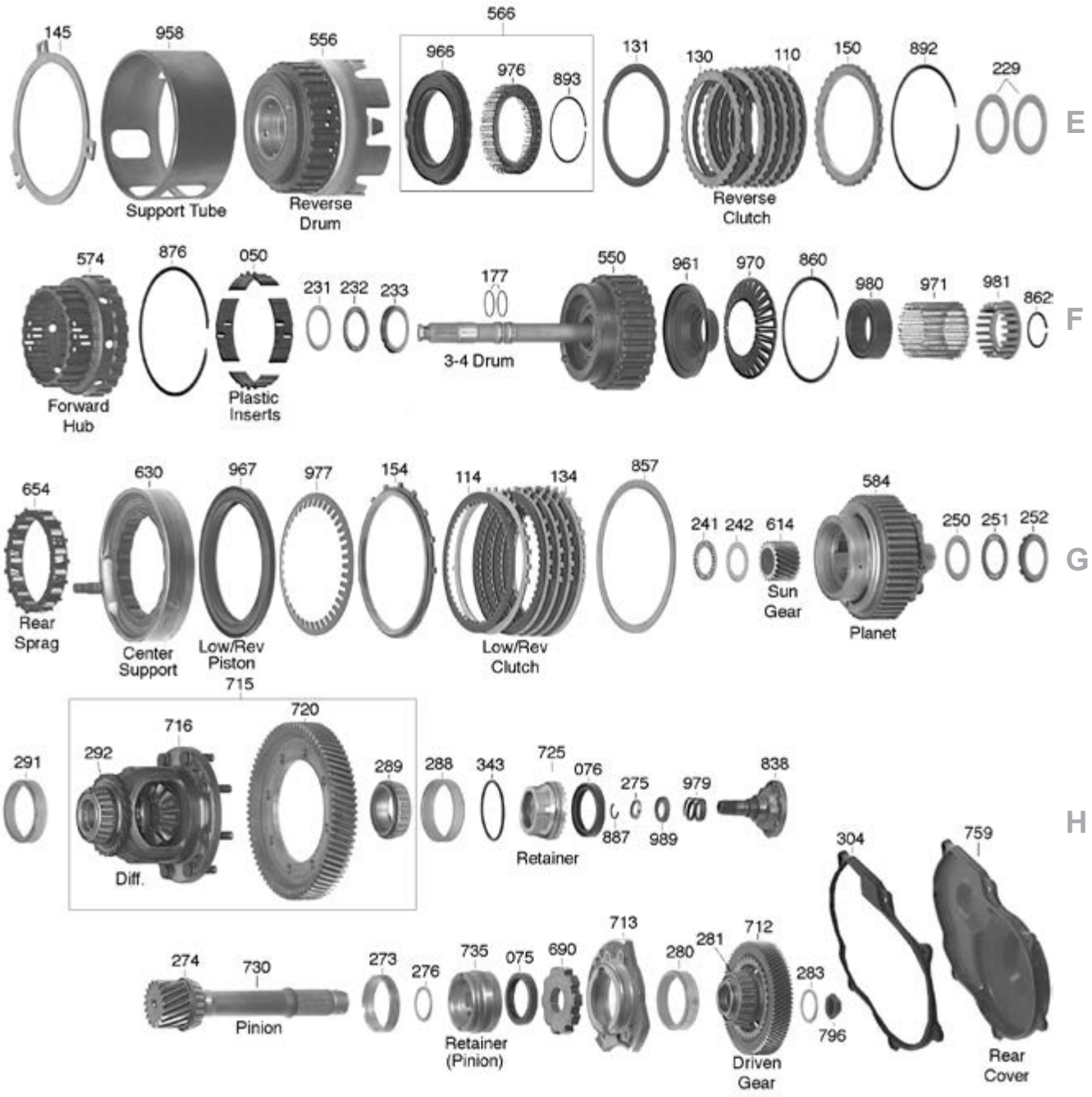
Notes

Notes

AG4, 095, 096, 097, 098, 01M, 01N, 01P



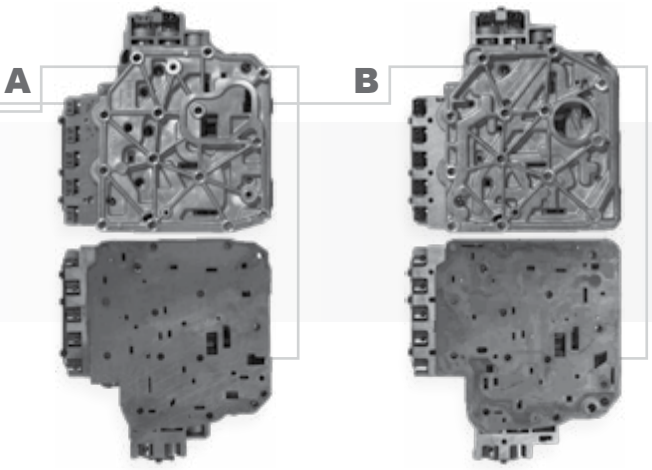
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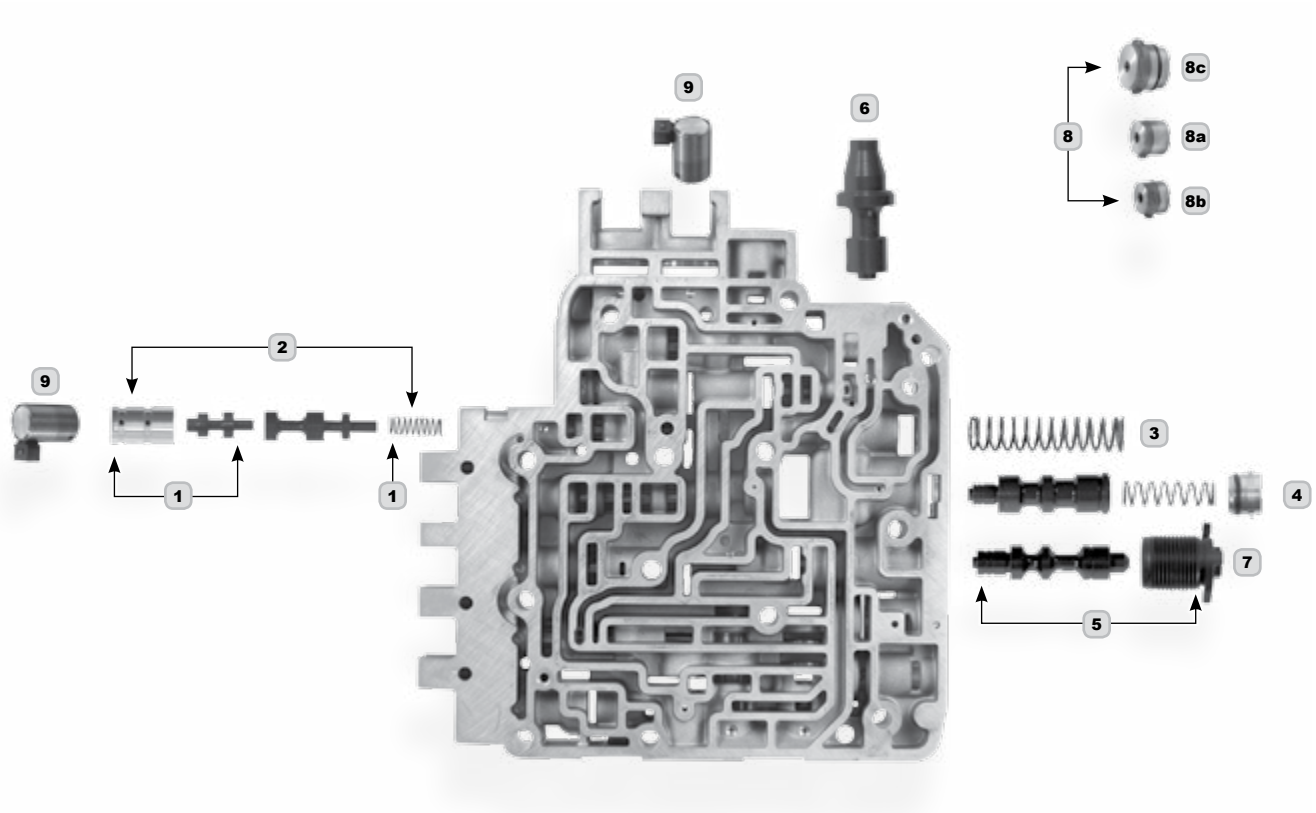

145
958
556
566
966
976
893
131
130
110
150
892
229
E
Support Tube
Reverse Drum
Reverse Clutch
574
876
050
231
232
233
177
550
961
970
860
980
971
981
862
F
Forward Hub
Plastic Inserts
3-4 Drum
654
630
967
977
154
114
134
857
241
242
614
584
250
251
252
G
Rear Sprag
Center Support
Low/Rev Piston
Low/Rev Clutch
Sun Gear
Planet
715
720
716
292
291
289
288
343
725
076
275
979
838
H
Diff.
Retainer
887
989
304
759
274
730
273
276
735
075
690
713
280
281
712
283
796
Pinion
Retainer (Pinion)
Driven Gear
Rear Cover

AG4, 095, 096, 097, 098, 01M, 01N, 01P

VALVE BODY GUIDE

	Part	Year	Trans.	
A	P75740-4	90-94	095/098	damper type converter, kidney shaped filter inlet, 1 PWM/6 On-Off solenoids
B	P75740-1	94-96	AG4	lock-up type converter, round filter inlet, 2 PWM/5 On-Off solenoids
	P75740-2	97-98	AG4	lock-up type converter
	P75740-3	99-Up	AG4	lock-up type converter





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AG4, 095, 096, 097, 098, 01M, 01N, 01P


75300A


75300C


75300D


75300E


75010A


75010C

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	AG4-095 (w/ Pistons*)	1	90-E94	75006AAP	N.L.
006	AG4-096 (01M) (w/ Pistons*)	1	90-E94	75006AAP	N.L.
006	AG4-096 (01M) (w/ Pistons*)	1	L94-Up	75006ABP	N.L.
006	AG4-096 (01M) (w/ Pistons*) (uses 1 sided K3 Frictions)	1	00-Up	75006ACP	N.L.
006	AG4-097 (01N) (w/ Pistons*)	1	91-E94	75006CAP	N.L.
006	AG4-097 (01N) (w/ Pistons*)	1	L94-Up	75006CBP	N.L.
006	AG4-098 (01P) (w/ Pistons*)	1	92-E94	75006DAP	N.L.
006	AG4-098 (01P) (w/ Pistons*)	1	L94-Up	75006DBP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 75004AAN				
LESS STEEL KITS					
004	AG4-095 (w/ Pistons*)	1	90-E94	75004AAP	N.L.
004	AG4-096 (01M) (w/ Pistons*)	1	90-E94	75004AAP	N.L.
004	AG4-096 (01M) (w/ Pistons*)	1	L94-Up	75004ABP	N.L.
004	AG4-096 (01M) (w/ Pistons*) (uses 1 sided K3 Frictions)	1	00-Up	75004ACP	N.L.
004	AG4-097 (01N) (w/ Pistons*)	1	91-E94	75004CAP	N.L.
004	AG4-097 (01N) (w/ Pistons*)	1	L94-Up	75004CBP	N.L.
004	AG4-098 (01P) (w/ Pistons*)	1	92-E94	75004DAP	N.L.
004	AG4-098 (01P) (w/ Pistons*)	1	L94-Up	75004DBP	N.L.
	(*) For Kits w/out Pistons, replace the P with an N - for example 75004AAN				
OVERHAUL KITS (W/ RINGS & SEALS)					
002	095 (w/out Pistons**)	1	90-Up	75002AN	N.L.
002	096 (01M) (w/out Pistons**)	1	90-Up	75002AN	N.L.
002	097 (01N) (w/out Pistons**) (Combo)	1	91-Up	75002CN	N.L.
002	098 (01P) (w/out Pistons**)	1	92-Up	75002DN	N.L.
	(**) For Kits w/ Pistons, replace the N with a P - for example 75002AP				
FILTER KITS					
011	Filter Kit (Round Inlet, Oval Outlet) (90-1/95)	1	90-E95	75011A	N.L.
011	Filter Kit (Round Inlet, Round Outlet) (2/95-Up)	1	L95-Up	75011C	N.L.
FILTERS					
010D	Filter (Round Inlet, Oval Outlet) (90-1/95)	1	90-E95	75010A	095-325-429D
010D	Filter (Round Inlet, Round Outlet) (2/95-Up)	1	L95-Up	75010C	01M-325-429
BUSHINGS					
030	Bushing Kit	1	90-Up	75030A	N.L.
030	Bushing Kit w/ Washers	1	90-Up	75030B	N.L.
034A	Pump Body	1	90-Up	75034A	N.L.
037B	Forward Drum To Stator	1	90-Up	75037A	N.L.
060D	Sun Gear	1	90-Up	75060A	N.L.
N.I.	Nylon Insert, “E” Drum (.650” Wide)	4	90-Up	75050B	N.L.
N.I.	Nylon Insert, “E” Drum (.770” Wide)	4	90-Up	75050A	N.L.
METAL CLAD SEALS					
070A	Front	1	90-Up	75070A	095-321-243A
076D	Axle (Both Sides) (095, 096, 01M)	2	90-Up	65076A	020-301-189M
076D	Axle (Both Sides) (098, 01P)	2	90-Up	65076B	018-409-399
077D	Axle (Right) (097 ,01N)	1	90-Up	75076	097-409-399A
080	End Cap, Output / Pinion Gears (097, 01N)	1	90-Up	75080	097-321-073A
081	End Cap, End Cover (097, 01N)	1	90-Up	75081	097-321-491A

AG4, 095, 096, 097, 098, 01M, 01N, 01P

ILL.		QTY.	YEAR	PART No.	REF. No.
	FRICTION PLATES				
100C	3-4 Clutch (K3) (3.75" OD)	4-6	90-95	75100A	095-323-941A
100C	3-4 Clutch (K3) (4.00" OD)	4-6	96-Up	75100AB	095-323-941C
100C	3-4 Clutch (K3) (1 Sided Friction, Internal Teeth) 01M	7	00-Up	75100B	N.L.
120C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M	6	00-Up	75120B	N.L.
140C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M (Pr. Plate)	1	00-Up	75140B	N.L.
104A	Intermediate (B2)	5-6	90-Up	75104A	095-323-465D
108B	Forward (K1)	4-5	90-Up	75108A	095-323-241A
110E	Reverse (K2)	4-5	90-Up	75108A	095-323-241A
114G	Low/ Reverse (B1) (Smooth)	4-6	90-Up	75114A	095-323-231A
114G	Low/ Reverse (B1) (Grooved)	4-6	90-Up	75114B	N.L.
	STEEL PLATES				
120C	3-4 Clutch (K3) (.079") (3.75" OD)	3-5	90-95	75120A	N.L.
120C	3-4 Clutch (K3) (.057") (4.00" OD)	3-5	96-Up	75120AA	N.L.
120C	3-4 Clutch (K3) (.063") (4.00" OD)	3-4	96-Up	75120AB	N.L.
120C	3-4 Clutch (K3) (.079") (4.00" OD)	3-4	96-Up	75120AC	N.L.
124A	Intermediate (B2) (.079")	5-6	90-Up	75124A	097-323-463
124A	Intermediate (B2) (.089")	AR	90-Up	75124AA	N.L.
124A	Intermediate (B2) (.098")	AR	90-Up	75124AB	N.L.
124A	Intermediate (B2) (.118")	AR	90-Up	75124AD	N.L.
128B	Forward (K1) (.079")	4-5	90-95	75128A	N.L.
128B	Forward (K1) (.057")	4-5	96-Up	75128AA	N.L.
130E	Reverse (K2)	5	90-Up	75128A	N.L.
134G	Low/ Reverse (B1) (.079")	5	90-95	75134A	095-323-227
134G	Low/ Reverse (B1) (.057")	5-6	96-Up	75134AA	N.L.
	PRESSURE PLATES				
140C	Pressure Plate, 3-4 Clutch (Top) (K3)	1	90-Up	75140A	N.L.
140C	3-4 Clutch (K3) (1 Sided, External Teeth) 01M	1	00-Up	75140B	N.L.
141C	Apply Plate, 3-4 Clutch (Bottom) (K3)	1	90-Up	75141AK	N.L.
	VALVE BODY RECALIBRATION KITS				
174H	Shift Kit®, VW 01M (95-04) (Transgo®)	1	95-04	T75165	SK® VW 01M
174H	Sure Cure Kit (096, 097, 098) (T-F-119940-TL6, -TL7, TL8 & T-VB-FIX req)	1	90-Up	S75174	SC-096-098
174H	Sure Cure Kit (01M, 01N, 01P) (T-F-119940-TL3, -TL4, -TL5, -TL6, T-VB-FIX)	1	90-Up	S75174A	01M/01N/01P
	SEALING RINGS				
175H	Ring Kit	1	90-Up	75175A	N.L.
	THRUST WASHERS				
200	Bushing Kit w/ Washers	1	90-Up	75030B	119905-01K
211A	Stator To Reverse Drum (Plastic)	1	90-Up	75211A	095-323-345
229E	Rev Clutch Drum To Forward Clutch Drum (Plastic # 3)	1	90-Up	75229A	095-323-345
	GASKETS & O-RINGS				
300D	Gasket, Bottom Pan 095, 096 (01M)	1	90-Up	75300A	096-321-370
300D	Gasket, Bottom Pan 097 (01N)	1	90-E95	75300C	097-321-371
300D	Gasket, Bottom Pan 097 (01N)	1	L95-Up	75300E	01N-321-371
300D	Gasket, Bottom Pan 098 (01P)	1	90-Up	75300D	098-321-370
304H	Gasket, End Cover (Bonded) (095, 096)	1	90-Up	75304A	096-321-488
304H	Gasket, End Cover (Bonded) (098)	1	92-94	75304B	N.L.
304H	Gasket, End Cover (Bonded) (098)	1	95-Up	75304C	N.L.
310A	Gasket, Pump	1	90-L94	75310A	095-321-385A
310A	Gasket, Pump (1/95-Up)	1	E95-Up	75310B	N.L.
311A	O-Ring, Pump	1	90-Up	75311A	095-321-386
	TECHNICAL MANUALS				
400H	Technical Manual (Exc. 01M Passat)	1	90-Up	75400A	PASSAT
400H	Diagnostic Guide (01M)	1	90-Up	75400D	VW01M

AG4, 095, 096, 097, 098, 01M, 01N, 01P

ILL.		QTY.	YEAR	PART No.	REF. No.
	ELECTRICAL COMPONENTS				
410	Switch, Multi Function (PRNDL) (7 Prong Square)	1	90-E94	75410	N.L.
410	Switch, Multi Function (PRNDL) (7 Prong Round)	1	L94-97	75410A	095-919-823B
410	Switch, Multi Function (PRNDL) (7 Prong 90°)	1	98-Up	75410B	095-919-823F
421	Solenoid, Shift	5-6	90-Up	75421A	119952-01
431	Solenoid, Electric Pressure Control (EPC)	1	90-Up	75431A	119954-01
431	Solenoid, Lock-Up (TCC)	1	94-Up	75431A	119954-01
438D	Sensor, Output (Same as 75438) (Also Input Sensor All Applications)	2	90-Up	75438	N.L.
438D	Sensor, Output (Longer than 75438)	1	90-Up	75436A	N.L.
446	Wire Harness, Internal (Retros 096, 097, 098 USA, 01M, 01N, 01P USA)	1	90-Up	75446	N.L.
446	Wire Harness, Internal w/ Connector 095, 096 (15" Long Harness)	1	90-94	75446A	119957
446	Wire Harness, Internal w/ Connector 01M (18.500" Long Harness)	1	93-Up	75446B	119957A
446	Wire Harness, Internal w/ Connector 097, 01N	1	91-Up	75446C	119957B
446	Wire Harness, Internal w/ Connector 098, 01P (USA)	1	92-Up	75446D	119957C
	VALVE BODIES				
740D	Valve Body (Premium) (095, 096) (Kidney Shaped Filter Area)	1	90-94	P75740-4	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	94-96	P75740-1	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	97-98	P75740-2	N.L.
740D	Valve Body (Premium) (Lock-Up)	1	99-Up	P75740-3	N.L.
741D	Kit, Bore Plug (7 Push In Plugs)	1	90-Up	75741G-6K	119940K
741D	Plug, Pressure Adjust (Threaded)	1	90-Up	75741F-6	N.L.
	MISCELLANEOUS COMPONENTS				
496	Kit, Cooler Adapter (095)	1	90-Up	75496K	N.L.
500A	Pump Assembly, AG4, 095-098 (4 Hole Stator) (Cast 095) (Damper Type)	1	90-94	75500	N.L.
500A	Pump Assembly, 01M, 01N, 01P (10 Hole Stator) (Cast 01M) (Lock-Up Type)	1	94-Up	75500A	N.L.
550F	Drum, 3-4/Direct w/ Hollow Shaft (4 Clutch)	1	90-94	75550A	N.L.
550F	Drum, 3-4/Direct w/ Solid Shaft (4 Clutch)	1	95-Up	75550B	N.L.
554B	Drum, Forward w/ Hollow Shaft (5 Clutch)	1	90-94	75554A	N.L.
554B	Drum, Forward w/ Solid Shaft (5 Clutch)	1	95-Up	75554B	N.L.
556E	Drum, Reverse (5 Clutch) (095-098, 01M)	1	90-Up	75556A	N.L.
584G	Planet, Rear (096)	1	90-Up	75584	N.L.
622C	Shell w/ Sun Gear (24T)	1	90-Up	75622B	N.L.
624C	Hub, Drive w/ Hollow Shaft	1	90-Up	75624A	N.L.
630G	Center Support w/ Sprag	1	90-Up	75630A	N.L.
654G	Roller Clutch, Low	1	90-Up	75654AA	1696655
960F	Piston Set (Bonded) (5 Piston Trans)	1	90-E94	75960AK	N.L.
960F	Piston Set (Bonded) (7 Piston Trans)	1	L94-Up	75960BK	N.L.
961F	Piston, 3-4 Clutch (K3) (Bonded)	1	90-E94	75961	095-323-927A
961F	Piston, 3-4 Clutch (K3) (Bonded)	1	L94-Up	75961A	095-323-927G
961F	Piston Retainer, 3-4 Clutch (Bonded)	1	L94-Up	75961B	095-323-977C
962A	Piston, 2-4 Clutch (B2) (Bonded)	1	90-Up	75962	095-323-531B
964B	Piston, Forward (K1) (Bonded)	1	90-E94	75964	095-323-217B
964B	Piston, Forward (K1) (Bonded)	1	L94-Up	75964A	095-323-217G
964B	Piston Retainer, Forward Clutch (Bonded)	1	L94-Up	75964B	095-323-257
966E	Piston, Reverse Clutch (K2) (Bonded)	1	90-Up	75966	095-323-121E
967G	Piston, Low/ Reverse (B1) (Bonded)	1	90-Up	75967	095-323-479
976E	Return Spring, K2 / Reverse (095, 096)	1	90-Up	75976	N.L.
	TOOLS				
N.I.	Installer & Remover, Forward Clutch Fits VW AG4 90-Up	1	90-Up	T-119905-TL1	N.L.
N.I.	Installer & Remover, Reverse Clutch Fits VW AG4 90-Up	1	90-Up	T-119905-TL2	N.L.
N.I.	Installer & Remover, Shaft Bushing Fits VW AG4 90-Up	1	90-Up	T-119905-TL5	N.L.
N.I.	Remover, Pinion and Pinion Support Fits VW 095, 096, 01M	1	90-Up	T-7500	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Aluminum Shift Cup – Large (01M-01P)	N.I.	8c	75741G-6KA	119940-12
Vol 9	Aluminum Shift Cup – Medium (01M-01P)	N.I.	8a	75741G-6KB	119940-10
Vol 9	Aluminum Shift Cup – Small (01M-01P)	N.I.	8b	75741G-6KC	119940-11
Vol 9	Aluminum Shift Cup Kit (01M-01P)	N.I.	8	75741G-6K	119940K
Vol 9	Boost Regulator Valve Kit (T-F-119940-TL5 & T-VB-FIX req) (01M-01P)	N.I.	5	S75741FAK	119940-05K
Vol 9	Boost Regulator Valve Kit (T-F-119940-TL7 & T-VB-FIX req) (096-098)	N.I.	5	S75741FK	119940-07K
Vol 9	Bushing & Thrust Washer Kit (T-119905-TL1, -TL2, -TL5 Recommended)	N.I.	N.I.	75030B	119905-01K
Vol 9	Check Ball Springs (10 per bag) (01M-01P)	N.I.	N.I.	75741-3	119940-20
Vol 9	Main Pressure Regulator Valve Kit (T-F-119940-TL3 & T-VB-FIX req) (01M-01P)	N.I.	4	S75741PAK	119940-03K
Vol 9	Main Pressure Regulator Valve Kit (T-F-119940-TL8 & T-VB-FIX req) (096-098)	N.I.	4	S75741PK	119940-08K
Vol 9	Manual Valve Operating Rod	N.I.	N.I.	S75994	119940-23

AG4, 095, 096, 097, 098, 01M, 01N, 01P

ILL.		QTY.	YEAR	PART No.	REF. No.
VOL.	SONNAX PRODUCTS (Cont.)	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Ratcheting End Plug (T-119940-TL9 req)	N.I.	7	S75741F-6	119940-22
Vol 9	Remote Transmission Cooler Adapter Kit	N.I.	N.I.	75496K	119814-01K
Vol 9	Solenoid - EPC, all units, TCC - Phase 2 Units only	N.I.	9	S75741F	119954-02
Vol 9	Solenoid Regulator Valve Kit (T-F-119940-TL6 & T-VB-FIX req)	N.I.	6	S75741H-1	119940-06K
Vol 9	Sure Cure Kit, Phase 0 & 1 (T-F-119940-TL6, -TL7, -TL8 & T-VB-FIX req)	N.I.	N.I.	S75174	SC-096-98
Vol 9	Sure Cure Kit, Phase 2 (T-F-119940-TL3, -TL4, -TL5, -TL6 & T-VB-FIX req)	N.I.	N.I.	S75174A	SC-01M/N/P
Vol 9	TCC Boost Valve Kit (01M-01P)	N.I.	1	S75741CK	119940-01K
Vol 9	TCC Regulator Valve Kit O.S. (T-119940-TL4 req) (01M-01P)	N.I.	2	S75741CAK	119940-04K
Vol 9	TCC Regulator Valve Spring (5 per bag) (01M-01P)	N.I.	3	75741Q-3	119940-19

Notes

Notes

JF404E


83300GF

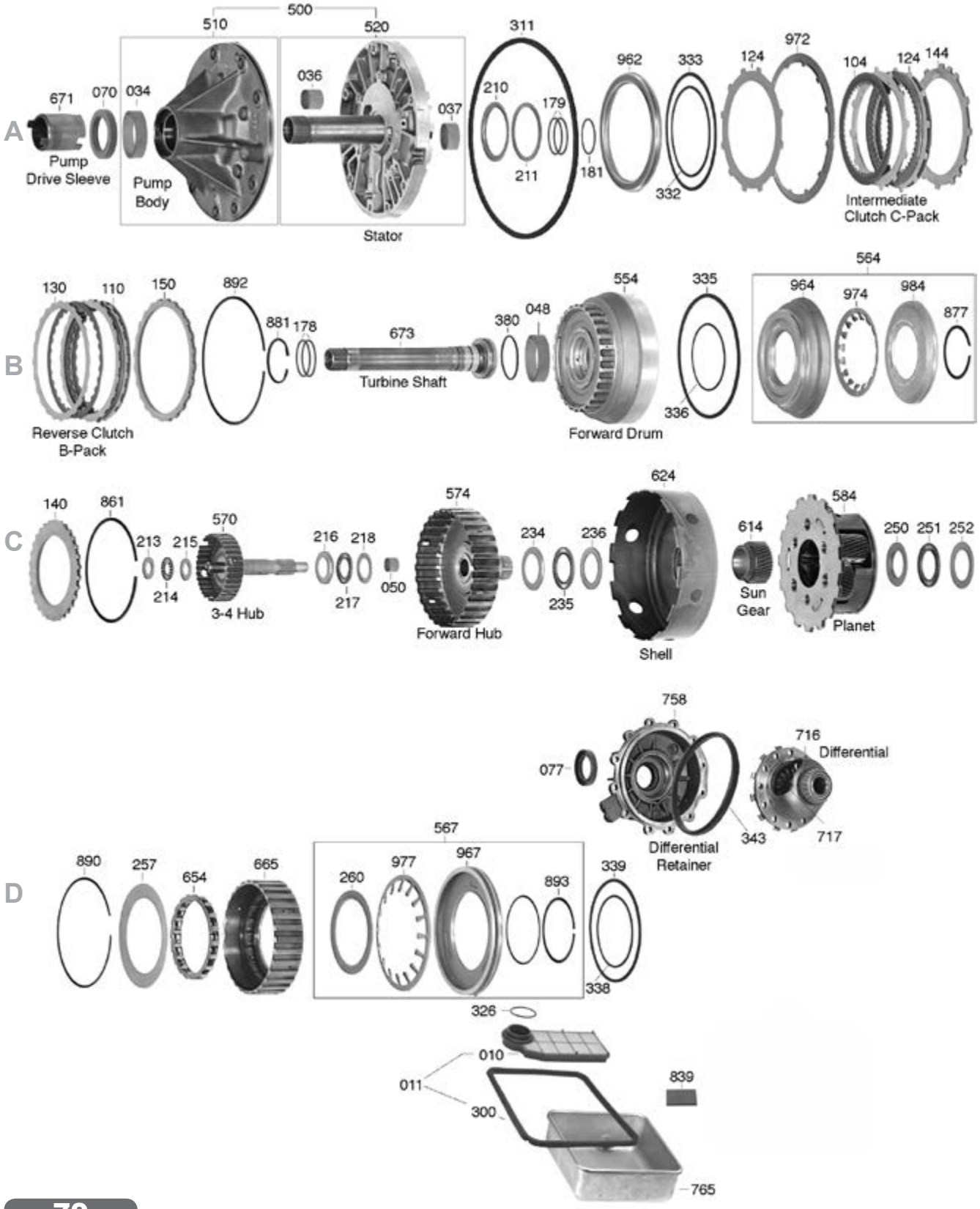

83010G


83010GA

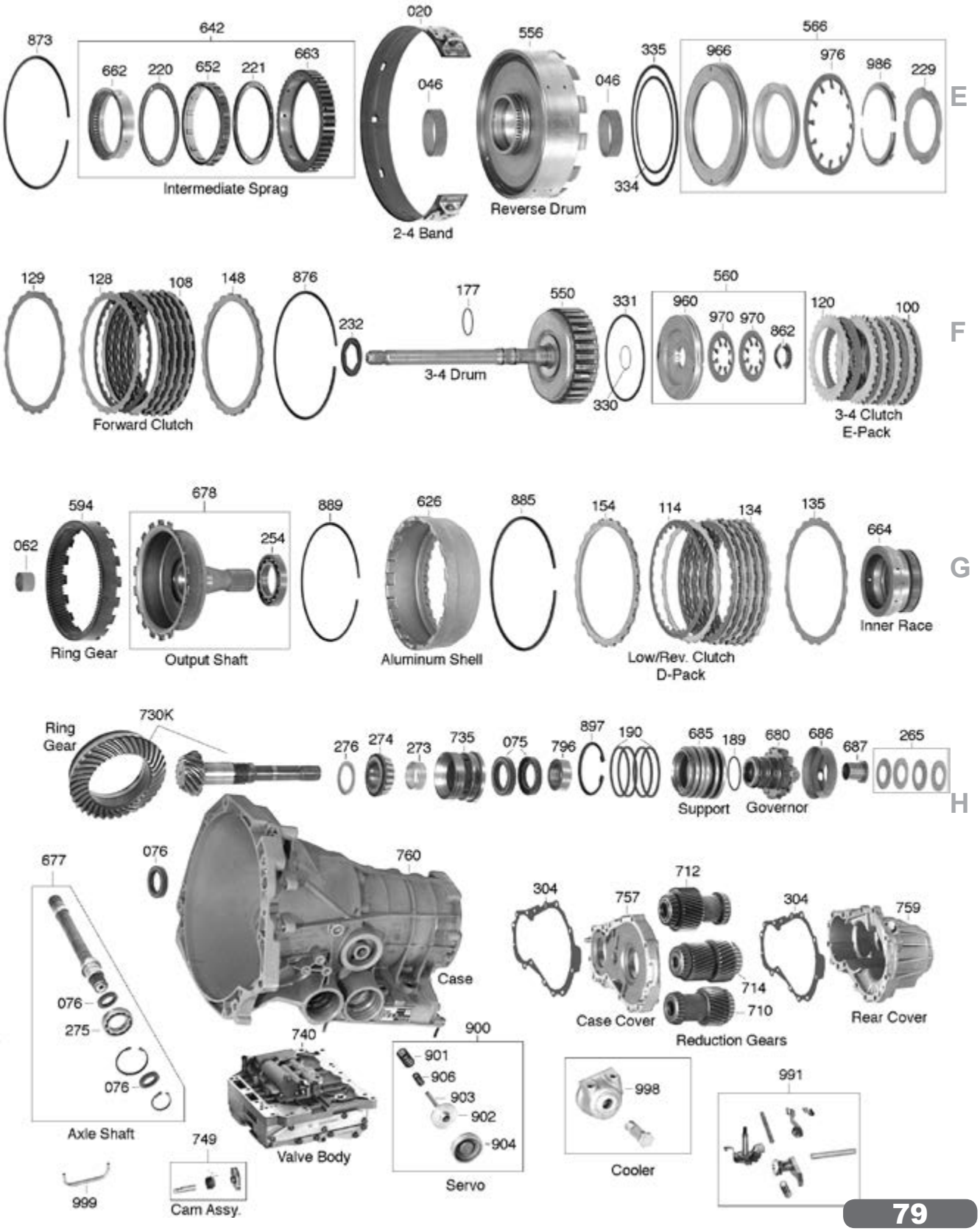
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	JF404E	1	99-Up	83006G	N.L.
	LESS STEEL KITS				
004	JF404E	1	99-Up	83004G	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	JF404E	1	99-Up	83002G	N.L.
	FILTERS				
010	Type A (L Shaped)	1	99-Up	83010G	N.L.
010	Type B (Square Shaped)	1	99-Up	83010GA	N.L.
	BANDS				
020	2-4	1	99-Up	83020G	N.L.
	BUSHINGS				
030	Bushing Kit	1	99-Up	83030G	N.L.
	METAL CLAD SEALS				
070	Pump	1	99-Up	98070	31375-PR000
076	Axle	2	99-Up	83076G	N.L.
	FRICTION PLATES				
106	High (Direct)	3	99-Up	83106G	N.L.
108	Low	5	99-Up	83108G	N.L.
110	Reverse	2	99-Up	83110G	N.L.
114	Low/ Reverse	5	99-Up	83114G	N.L.
	STEEL PLATES				
126	High (Direct)	5	99-Up	83126G	N.L.
128	Low	5	99-Up	83128G	N.L.
130	Reverse	2	99-Up	83130G	N.L.
134	Low/ Reverse (.051”)	4	99-Up	83134G	N.L.
134	Low/ Reverse (.091”)	4	99-Up	83134GA	N.L.
	GASKETS & O-RINGS				
300	Gasket, Pan	1	99-Up	83300GF	N.L.
311	O-Ring, Pump	1	99-Up	83311B	BW01-21-032
	ELECTRICAL COMPONENTS				
421	Solenoid “A” (Type A) (Green Connector)	1	99-Up	83421A	N.L.
421	Solenoid “B” (Type A) (Beige Connector)	1	99-Up	83421B	N.L.
421	Solenoid “C” (Type A) (Blue Connector)	1	99-Up	83421C	N.L.
421	Solenoid “D” (Type A) (Grey Connector)	1	99-Up	83422A	N.L.
421	Solenoid “E” (Type A) (Red Connector)	1	99-Up	83422E	N.L.
422	Solenoid (Type B) (Group) (A, B, C, D, F)	1	99-Up	83422A	N.L.
422	Solenoid (Type B) (Group) (F)	1	99-Up	83422E	N.L.
	ONE WAY CLUTCHES				
658	Sprag, Low	1	99-Up	83658G	N.L.

Notes

ZF4HP14, ZF4HP18



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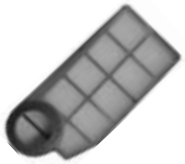

E
873
642
662
220
652
221
663
Intermediate Sprag
020
046
2-4 Band
556
Reverse Drum
046
335
334
566
966
976
986
229
F
129
128
108
148
876
232
Forward Clutch
177
550
3-4 Drum
331
330
560
960
970
970
862
120
100
3-4 Clutch
E-Pack
G
062
594
Ring Gear
678
254
Output Shaft
889
626
Aluminum Shell
885
154
114
134
Low/Rev. Clutch
D-Pack
135
664
Inner Race
H
Ring
Gear
730K
276
274
273
735
075
796
897
190
685
189
680
686
687
265
Support
Governor
677
076
760
Case
076
275
076
Axle Shaft
740
Valve Body
749
Cam Assy.
999
900
901
906
903
902
904
Servo
304
757
712
714
710
Case Cover
Reduction Gears
304
759
Rear Cover
998
Cooler
991

ZF4HP14, ZF4HP18


79300E


79300P


79010A


79010E


79010S

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	ZF4HP14 (Peugeot)	1	86-94	79006P	98001-ZF
006	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79006E	N.L.
006	ZF4HP18FLA / FLE (Audi, Porsche)	1	91-97	79006A	N.L.
006	ZF4HP18Q (Saab)	1	86-98	79006S	2418112
	LESS STEEL KITS				
004	ZF4HP14 (Peugeot)	1	86-94	79004P	98015-ZF
004	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79004E	N.L.
004	ZF4HP18FLA / FLE (Audi, Porsche)	1	91-97	79004A	N.L.
004	ZF4HP18Q (Saab)	1	86-98	79004S	3418112
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	ZF4HP14 (Peugeot)	1	86-94	79002P	1036-298-914
002	ZF4HP18FL (Eagle Premier, Dodge Monaco)	1	88-98	79002E	1050-298-003
002	ZF4HP18FLA / FLE (Audi, Porsche)	1	91-97	79002A	N.L.
002	ZF4HP18Q (Saab)	1	86-98	79002S	1050-298-040
	FILTERS				
010D	ZF4HP14	1	86-94	79010E	83504685
010D	ZF4HP18FL	1	88-98	79010E	83504685
010D	ZF4HP18FLA / FLE	1	91-97	79010A	01F-325-433
010D	ZF4HP18Q	1	86-98	79010S	0501-311-497
	BANDS				
020E	ZF4HP14	1	86-94	79020P	0501-208-833
020E	ZF4HP18FL	1	88-98	79020E	0501-208-881
020E	ZF4HP18FLA / FLE	1	91-97	79020A	N.L.
020E	ZF4HP18Q	1	86-98	79020E	0501-208-881
	BUSHINGS				
030	Bushing Kit (ZF4HP14) (2 Piece Solid Bronze)	1	86-94	79030P	N.L.
030	Bushing Kit (ZF4HP18FL) (2 Piece Solid Bronze)	1	88-98	79030E	N.L.
030	Bushing Kit (ZF4HP18Q)	1	86-94	79030S	N.L.
034A	Pump Body (ZF4HP18FL)	1	88-98	79034E	N.L.
034A	Pump Body (ZF4HP18Q)	1	86-94	79034S	N.L.
037A	Stator (Rear) (ZF4HP14)	1	86-94	79037P	N.L.
037A	Stator (Rear) (ZF4HP18)	1	88-98	69048	N.L.
049	Turbine Shaft (ZF4HP18)	1	88-98	79049E	N.L.
	METAL CLAD SEALS				
070A	Front	1	86-98	79070E	0734-310-316
	FRICTION PLATES				
108F	A Pack (Forward) (ZF4HP14)	3-4	86-94	79104P	1036-202-018
108F	A Pack (Forward) (ZF4HP18)	4-5	86-98	129108	1050-202-002
110B	B Pack (Reverse) (ZF4HP14)	3	86-94	79110P	1036-202-028
110B	B Pack (Reverse) (ZF4HP18)	3	86-98	79110E	1056-272-024
104A	C Pack (Intermediate) (ZF4HP14)	2-3	86-94	79104P	1036-202-018
104A	C Pack (Intermediate) (ZF4HP18)	3-4	88-98	69104	1043-217-009
114G	D Pack (Low/ Reverse) (ZF4HP14)	4-5	86-94	79104P	1036-202-018
114G	D Pack (Low/ Reverse) (ZF4HP18)	6	86-98	129108	1050-202-002
100F	E Pack (3-4 Clutch) (ZF4HP14)	5	86-94	79100P	1036-230-034
100F	E Pack (3-4 Clutch) (ZF4HP18)	4-5	86-98	79100E	1050-230-033

ZF4HP14, ZF4HP18

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
128F	A Pack (Forward) (ZF4HP14)	3-5	86-94	79124P	1036-302-015
128F	A Pack (Forward) (ZF4HP18)	4-5	86-98	69128E	1050-302-011
128F	A Pack (Forward) (ZF4HP18) (Waved)	2	86-98	69129E	1050-302-012
130B	B Pack (Reverse) (ZF4HP14)	3	86-94	79124P	1036-302-015
130B	B Pack (Reverse) (ZF4HP18)	3	86-98	69128E	1050-302-011
124A	C Pack (Intermediate) (ZF4HP14)	1-3	86-94	79124P	1036-302-015
124A	C Pack (Intermediate) (ZF4HP18)	3-4	86-98	69126B	24231205935
134G	D Pack (Low/ Reverse) (ZF4HP14)	5	86-94	79134P	1036-317-006
134G	D Pack (Low/ Reverse) (ZF4HP18)	6	86-98	69128E	1050-302-011
120F	E Pack (3-4 Clutch) (ZF4HP14)	4-5	86-94	79120P	1036-330-036
120F	E Pack (3-4 Clutch) (ZF4HP18)	4-5	86-98	79120E	1050-330-017
	GASKETS & O-RINGS				
300D	Gasket, Bottom Pan (Cork) (ZF4HP14)	1	86-94	79300P	1036-301-182
300D	Gasket, Bottom Pan (Rubber) (ZF4HP18)	1	86-98	79300E	1050-301-036
	TECHNICAL MANUALS				
400D	Tech Manual, Eagle (ZF4HP18FL)	1	88-98	79400E	83-ZF4HP18TM
400D	Tech Manual, Saab (ZF4HP18Q)	1	86-98	79400S	418HP SAAB
400D	Tech Manual, Saab (Supplement)	1	86-98	79400SC	TMHP18SAAB
	ELECTRICAL COMPONENTS				
410	Switch, Neutral (ZF4HP18FL)	1	88-98	79410	0501-310-648
420	Solenoid, Master Kit	1	91-97	79420FK	1050-298-047
421	Solenoid, Shift (ZF4HP18FLA / FLE)	3	88-98	179421	0750-132-105
410	Speed Sensor (ZF4HP18FL)	1	88-98	79436	0501-206-934
	ONE WAY CLUTCHES				
642E	Sprag Assembly, Intermediate w/ Races (ZF4HP18)	1	88-98	79642E	1050-231-026
654E	Sprag, Rear (ZF4HP14)	1	86-94	79654P	0501-207-060
654D	Sprag, Rear (ZF4HP18FL)	1	88-98	79654E	0501-207-061
	MISCELLANEOUS COMPONENTS				
450	Detent Cable Repair Kit (ZF4HP18)	1	86-98	T57451	N.L.
520	Stator (SAAB) (Cast # 1050-422-092)	1	86-98	79520S	1050-222-070

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Pressure Regulator Valve O.S. (T-85991-TL req)	N.I.	N.I.	S79741PK	85991-01
Vol 9	Servo Cushion Washers (Belleville Type) (HP18)	N.I.	N.I.	S79901A	85701-01

Notes

ZF4HP16



189300D



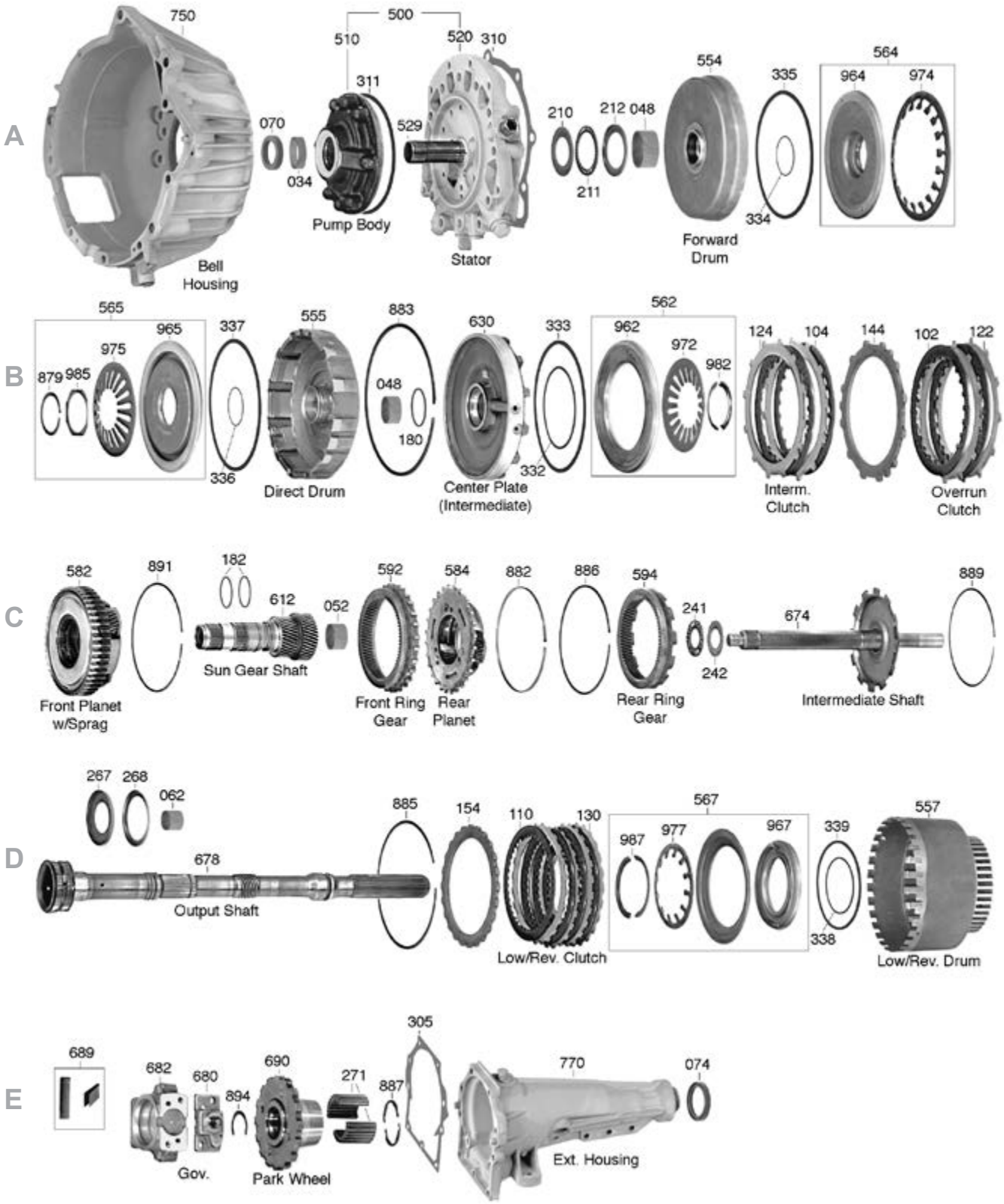
189010A

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF4HP16 (w/ Pistons)	1	02-Up	189006DP	N.L.
006	ZF4HP16 (w/out Pistons)	1	02-Up	189006DN	N.L.
LESS STEEL KITS					
004	ZF4HP16 (w/ Pistons)	1	02-Up	189004DP	N.L.
004	ZF4HP16 (w/out Pistons)	1	02-Up	189004DN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF4HP16 (w/ Pistons)	1	02-Up	189002DP	N.L.
002	ZF4HP16 (w/out Pistons)	1	02-Up	189002DN	N.L.
FILTERS					
010	Filter (.950” Pickup)	1	95-Up	189010A	001-315-184
FRICTION PLATES					
106	B Pack	2	02-Up	33110L	N.L.
100	C Pack	2	02-Up	189100D	N.L.
110	D Pack	3	02-Up	189110D	N.L.
104	E Pack	3-5	02-Up	33110L	N.L.
113	F Pack	3	02-Up	33110L	N.L.
STEEL PLATES					
126	B Pack (1.8mm)	1	02-Up	189124DA	N.L.
126	B Pack (2.5mm)	2	02-Up	189126D	N.L.
120	C Pack	1	02-Up	189120D	N.L.
130	D Pack	3	02-Up	189130D	N.L.
124	E Pack (1.8mm)	1	02-Up	189124DA	N.L.
124	E Pack (2.1mm)	3	02-Up	189124D	N.L.
133	F Pack	3	02-Up	189133D	N.L.
PAN GASKETS					
300	ZF4HP16	1	95-Up	189300	N.L.
MISCELLANEOUS COMPONENTS					
960	Piston, C Clutch (Bonded)	1	02-Up	189960D	N.L.
966	Piston, D Clutch (Bonded)	1	02-Up	189966D	N.L.

Notes

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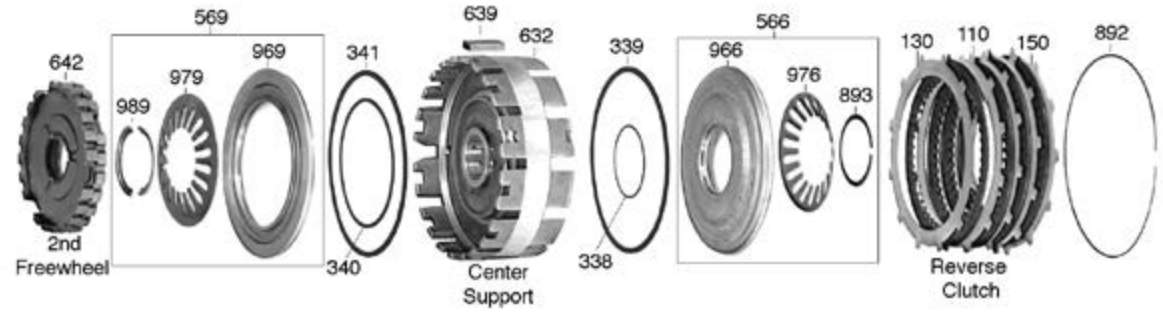
ZF4HP22, ZF4HP24



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670
177
047
Input Shaft
380
231
232
233
574
Hub
129
128
108
Forward Clutch
129
575
Direct Hub
876
880
235
878
146
106
126
Direct Clutch

F


642
2nd Freewheel
569
989
979
969
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Center Support
339
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566
966
976
893
130
110
150
Reverse Clutch
892

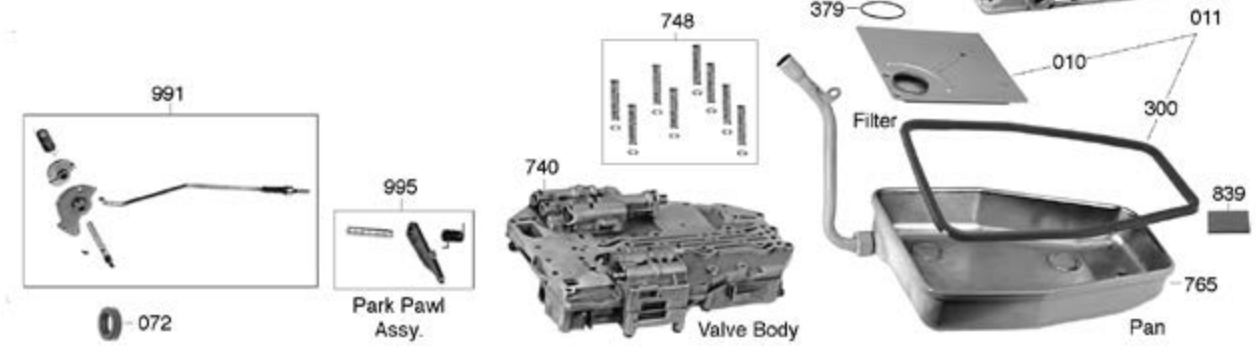
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620
244
062
243
243
Web Shaft
062
213
214
215
610
OD. Sun Gear
580
OD. Planet
231
241
242
590
OD. Ring Gear
600
OD. Hub
868
650
OD. Sprag
661
Outer Race
577
Hub
871

H


861
140
100
120
OD. Clutch
560
269
214
981
971
960
185
048
550
OD. Drum
189
760

I


991
072
995
Park Pawl Assy.
748
740
Valve Body
379
011
010
300
Filter
839
765
Pan

J

ZF4HP22, ZF4HP24


69300A


69010A


69010B


69010E


69010EB

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	ZF4HP22 (78074 Land Rover Seal Not Included)	1	84-Up	69006A	1043-298-097
006	ZF4HP24	1	88-Up	69006E	N.L.
	LESS STEEL KITS				
004	ZF4HP22 (78074 Land Rover Seal Not Included)	1	84-Up	69004A	1043-298-093
004	ZF4HP24	1	88-Up	69004E	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	ZF4HP22, ZF4HP24 (78074 Land Rover Seal Not Included)	1	84-Up	69002A	1043-298-092
	FILTER KITS				
011	ZF4HP22 (No Pick-Up Tube)	1	84-Up	69011A	N.L.
011	ZF4HP22 (w/ 1 Pick-Up Tube)	1	84-Up	69011B	N.L.
011	ZF4HP24 Land Rover	1	88-Up	69011E	N.L.
011	ZF4HP24 Audi (2.500" Tube)	1	90-94	69011EB	N.L.
	FILTERS				
010J	ZF4HP22 (No Pick-Up Tube)	1	84-Up	69010A	24311215550
010J	ZF4HP22 (w/ 1 Pick-Up Tube)	1	84-Up	69010B	24311218204
010J	ZF4HP24 Land Rover	1	88-Up	69010E	1043-226-037
010J	ZF4HP24 Audi (2.500" Tube)	1	90-94	69010EB	1043-226-035
	BUSHINGS				
034A	Pump (.507" Wide)	1	84-93	69034	0750-101-031
034A	Pump (.664" Wide)	1	94-Up	69034B	0501-311-812
048A	Forward Drum, Center Support, & Governor Support	3	84-Up	69048	N.L.
	METAL CLAD SEALS				
070A	Front	1	84-Up	69070	24311-207621
072	Manual Lever	1	84-Up	69072	24341-207430
074E	Extension Housing (2.500" OD, BMW, Peugeot)	1	84-Up	69074	24111218009
074E	Extension Housing (Land Rover)	1	84-Up	78074	N.L.
074E	Extension Housing (Lincoln, w/ Boot)	1	84-Up	56074B	E2ZZ-7052A
	FRICTION PLATES				
108F	A Pack (Forward) (34T) (ZF4HP22)	5	84-Up	69108	1043-202-167
108F	A Pack (Forward) (40T) (ZF4HP24)	6	88-Up	69100	24231215441
106F	B Pack (Direct) (24T)	4-5	84-Up	69106	1043-202-041
104B	C Pack (Intermediate) (24T) (ZF4HP22)	4	84-Up	69106	1043-202-041
104B	C Pack (Intermediate) (24T) (ZF4HP24)	5	84-Up	69104	1043-217-009
110G	D Pack (Reverse) (58T) (ZF4HP24)	5	88-Up	69104E	1043-217-015
110G	D Pack (Reverse) (48T) (ZF4HP22)	5	84-Up	69104	1043-217-009
102B	E Pack (Direct Overrun) (40T)	4	84-Up	69100	24231215441
100I	F Pack (Overdrive) (40T)	4	84-Up	69100	24231215441
	STEEL PLATES				
129F	A Pack (Forward) (.040") (Waved) (ZF4HP22)	2	84-Up	69129	1043-302-001
128F	A Pack (Forward) (.047") (Selective)	AR	84-Up	69128B	1043-302-123
129F	A Pack (Forward) (.055") (Waved) (ZF4HP24)	2	88-Up	69129D	1043-330-140
128F	A Pack (Forward) (.060") (Selective)	AR	84-Up	69128A	24231-917A
128F	A Pack (Forward) (.071") (ZF4HP22)	5-6	84-Up	69128	24231205917
128F	A Pack (Forward) (.082") (Selective)	AR	84-Up	69128D	N.L.
128F	A Pack (Forward) (.082") (ZF4HP24)	4-6	88-Up	69120	24231215453
126F	B Pack (Direct) (.047")) (Waved)	AR	84-Up	69126CA	1043-302-036

ZF4HP22, ZF4HP24

ILL.		QTY.	YEAR	PART No.	REF. No.
STEEL PLATES (Cont.)					
126F	B Pack (Direct) (.060")	AR	84-Up	69126A	24231209824
126F	B Pack (Direct) (.071")	4	84-Up	69126B	24231205935
126F	B Pack (Direct) (.082")	AR	84-Up	69126	2423121525
124B	C Pack (Intermediate) (.047") (Waved)	AR	84-Up	69126CA	1043-302-036
124B	C Pack (Intermediate) (.060")	AR	84-Up	69126A	24231209824
124B	C Pack (Intermediate) (.071")	3-4	84-Up	69126B	24231205935
124B	C Pack (Intermediate) (.082")	AR	84-Up	69126	24231215825
130G	D Pack (Reverse) (.047") (Waved)	AR	84-Up	69126CA	1043-302-036
130G	D Pack (Reverse) (.047") (ZF4HP24)	5-6	88-Up	69126D	1043-317-040
130G	D Pack (Reverse) (.060") (ZF4HP22)	AR	84-Up	69126A	24231209824
130G	D Pack (Reverse) (.060") (ZF4HP24)	1	88-Up	69126DA	1043-317-061
130G	D Pack (Reverse) (.071") (ZF4HP22)	3-4	84-Up	69126B	24231205935
130G	D Pack (Reverse) (.071") (ZF4HP24)	AR	88-Up	69126DB	1043-317-062
130G	D Pack (Reverse) (.082") (ZF4HP22)	AR	84-Up	69126	24231215825
130G	D Pack (Reverse) (.082") (ZF4HP24)	AR	88-Up	69126DC	1043-317-063
122D	E Pack (Direct Overrun) (24T) (.059")	4	84-Up	69134	24321215440
120I	F Pack (Overdrive) (24T) (.082")	4	84-Up	69120	24231215453
140I	F Pack (Overdrive)	1	84-Up	69140	N.L.
SEALING RINGS					
175	Ring Kit	1	84-Up	69175B	4HP22MPSR
177F	Ring, Forward Clutch (Bag of 3 Rings)	3	84-Up	69177T	N.L.
GASKETS & O-RINGS					
300J	Gasket, Bottom Pan (Rubber)	1	84-Up	69300A	24111215488
305E	Gasket, Extension Housing	1	84-Up	69305A	0750-112-012
310A	Gasket, Pump Stator to Case	1	84-Up	69310B	0750-112-009
311A	O-Ring, Pump	1	84-Up	69311A	2431-1217133
ELECTRICAL COMPONENTS					
420	Solenoid Master Kit (4 Shift & 1 EPC)	1	83-E89	69420K	MS-ZF4HP22
420	Solenoid Master Kit (3 Shift & 1 EPC)	1	L89-Up	69420AK	1043-298-108
421	Solenoid, Shift (Teckpak) (5 Solenoid Valve Body Only)	4	83-89	T69421	N.L.
421	Solenoid, Shift (5 Solenoid Type)	4	83-89	69421	N.L.
421	Solenoid, Shift (4 Solenoid Type)	3	89-Up	69421A	0501-315-752
431	Solenoid, Pressure Regulator (Teckpak) (5 Solenoid VB Only)	1	84-Up	T69431	N.L.
431	Solenoid, Pressure Regulator	1	84-Up	69431	0501-206-997
431	Solenoid, Pressure Regulator (Valve Housing)	1	89-Up	69431A	N.L.
436	Sensor, Input / Output Speed	2	84-Up	69436A	0501-310-401
446	Wire Harness, Internal (ZF4HP24)	1	84-Up	69446	1043-227-016
PUMP COMPONENTS					
510A	Pump Body & Gears (Bushing Type)	1	84-Up	69510A	N.L.
510A	Pump Body & Gears (Roller Bearing Type)	1	84-Up	69510B	1043-119-019
520A	Stator (Cast# 158) (16mm Cooler Line Fitting)	1	84-Up	69520C	1043-222-078
520A	Stator (Cast# 255) (.492" ID Cooler Line Fitting)	1	84-Up	69520H	1043-222-079
529A	Shaft, Stator Tube	1	84-Up	69529	N.L.
DRUMS & CLUTCH HUBS					
550I	Overdrive (F Pack) (Hydraulic Units) (4 Clutch)	1	84-Up	69550A	1043-230-082
554A	Forward (A Pack)	1	84-Up	69554A	1043-202-054
557D	Clutch Hub, Direct Overrun (Roller Type Sprag)	1	84-Up	69557	1043-430-058
PLANETS					
582C	Planet, Front w/ Sprag (4 Gear)	1	84-Up	69582B	N.L.
584C	Planet, Rear	1	84-Up	69582C	N.L.
ONE WAY CLUTCHES					
642G	Roller Clutch, Intermediate	1	84-Up	69642	1043-231-006
650H	Sprag, Overdrive	1	84-Up	69650	1043-230-097
650H	Sprag, Overdrive (w/ Outer Race)	1	84-Up	69650K	1043-230-097
654	Sprag, Low	1	84-Up	69654A	0501-204-691

ZF4HP22, ZF4HP24

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS				
N.I.	Stator Shaft Cross Leak Kit (Superior)	1	84-Up	S69165A	K4HP22
971I	Belleville Spring, Overdrive (F Pack)	1	84-Up	69971	1043-330-049
974A	Belleville Spring, Forward (A Pack) (ZF4HP22)	1	84-Up	69974	1043-302-007
974A	Belleville Spring, Forward (A Pack) (ZF4HP24)	1	89-Up	69974B	N.L.
975B	Belleville Spring, Direct (B Pack)	1	84-Up	69975	0301-302-028
976G	Belleville Spring, Reverse (D Pack)	1	84-Up	69976	0301-317-003
977D	Belleville Spring, Direct Overrun (E Pack)	1	84-Up	69977	1043-330-079
979G	Belleville Spring, Intermediate (C Pack)	1	84-Up	69979	0301-331-031
N.I.	Kickdown Cable	1	84-Up	69450B	1043-206-111
N.I.	Kickdown Cable Repair Kit	1	84-Up	T57451	N.L.

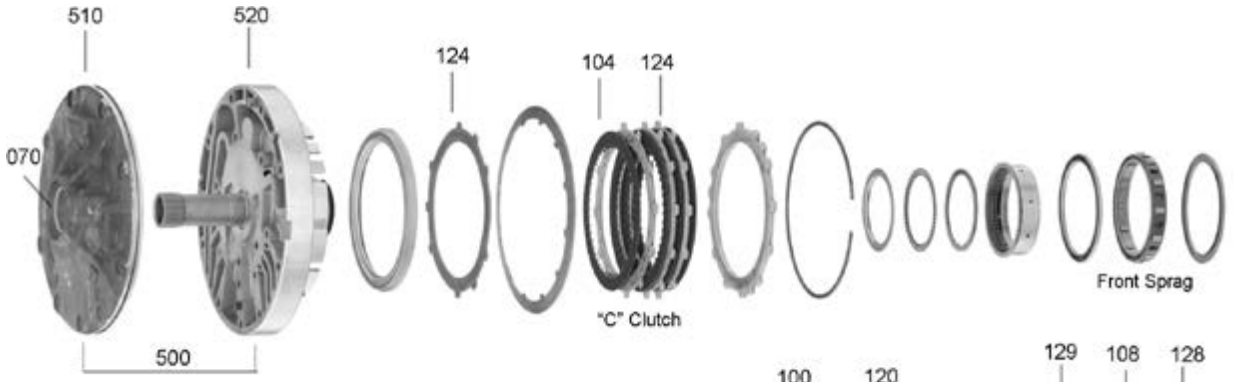
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Stator Support Shaft	N.I.	N.I.	S69529	82810

Notes

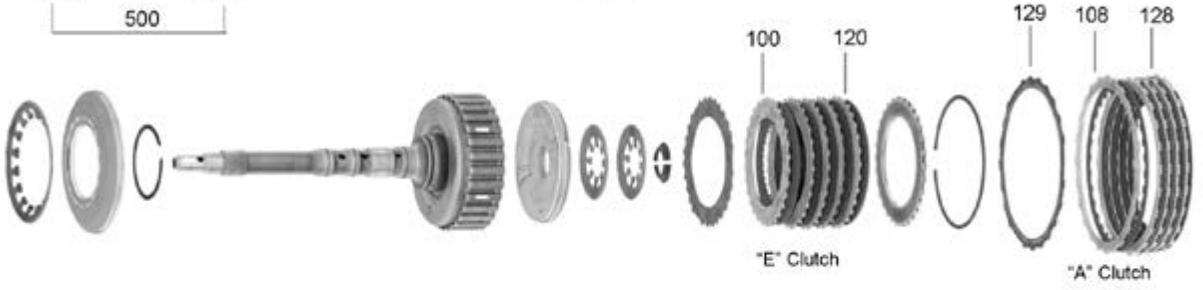
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ZF5HP18

A



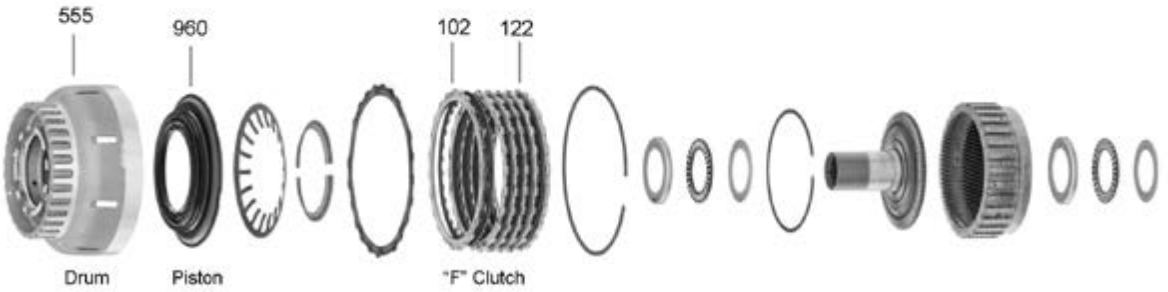
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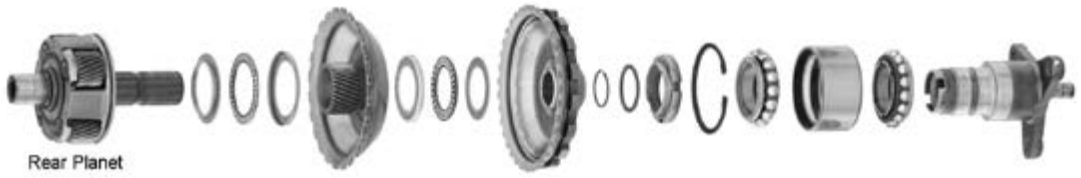
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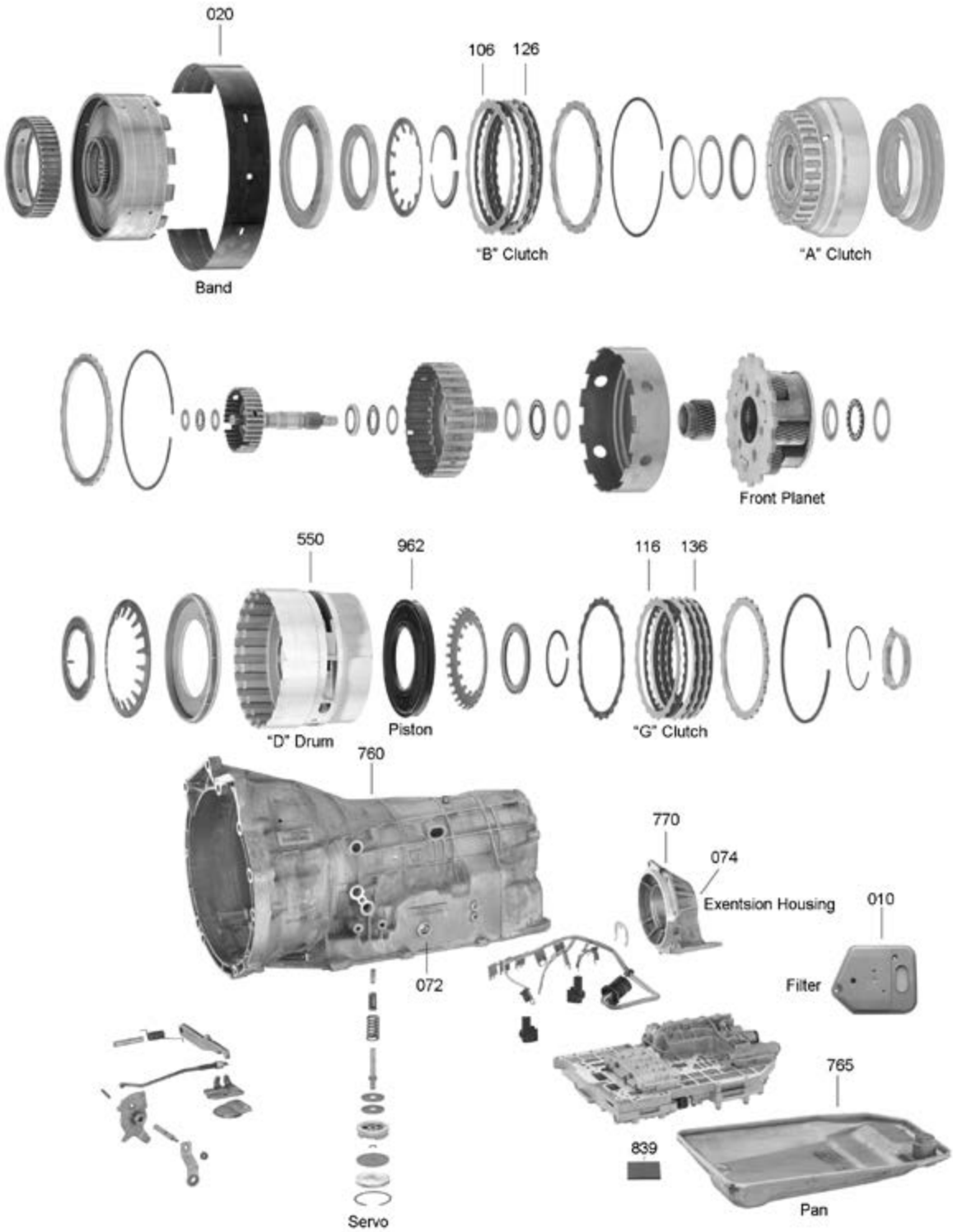
D



E



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020
106
126
Band
"B" Clutch
"A" Clutch
Front Planet
550
962
116
136
"D" Drum
Piston
"G" Clutch
760
770
074
Exentsion Housing
010
Filter
072
765
839
Pan
Servo

F
G
H
I
J

ZF5HP18



179300A



179010A

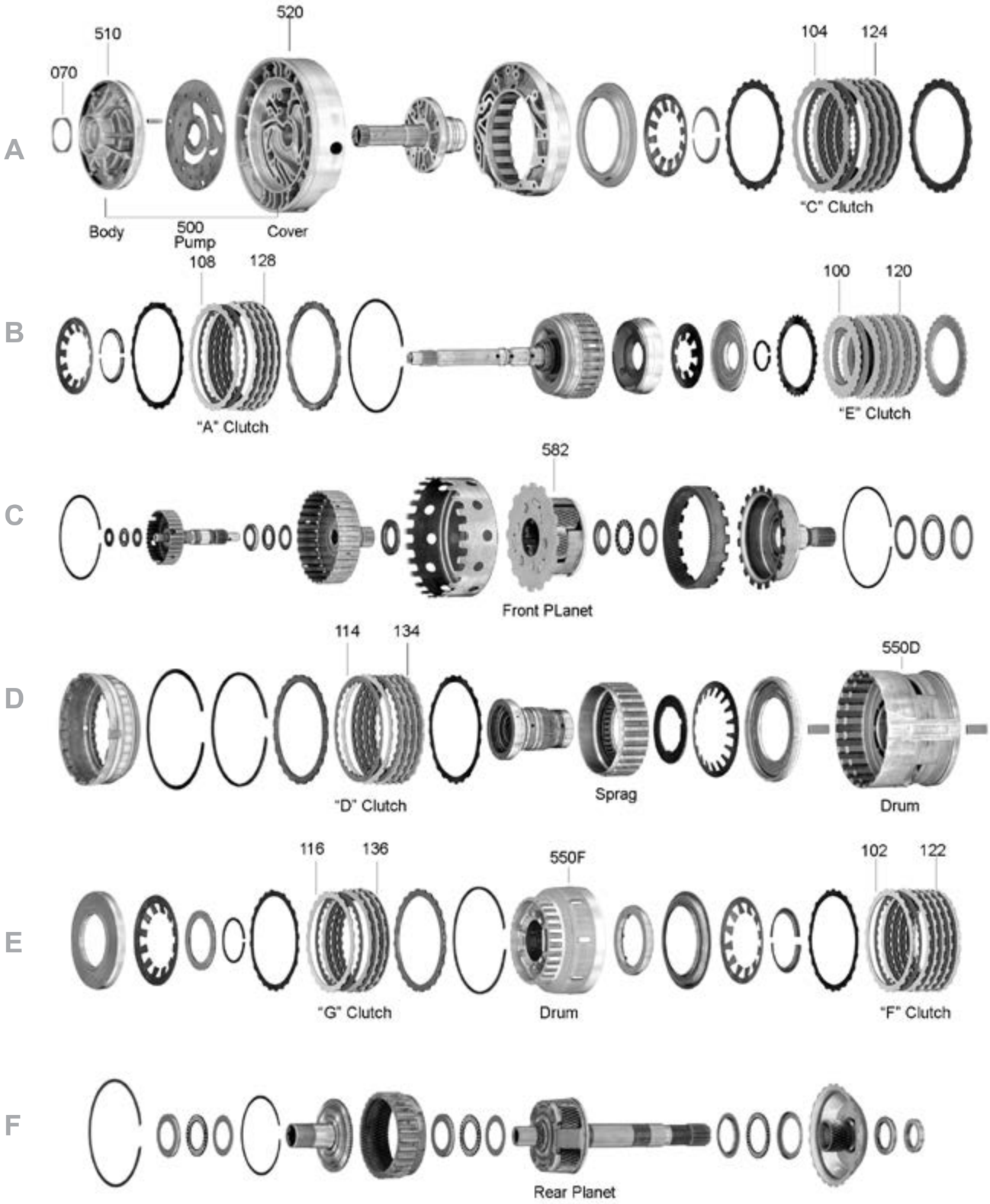
ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF5HP18 (w/ Pistons)	1	93-Up	179006AP	N.L.
006	ZF5HP18 (w/out Pistons)	1	93-Up	179006AN	N.L.
LESS STEEL KITS					
004	ZF5HP18 (w/ Pistons)	1	93-Up	179004AP	N.L.
004	ZF5HP18 (w/out Pistons)	1	93-Up	179004AN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF5HP18 (w/out Pistons)	1	93-Up	179002AN	N.L.
FILTER KITS					
011	ZF5HP18	1	93-Up	179011A	N.L.
FILTERS					
010J	ZF5HP18	1	93-Up	179010A	1056-298-047
BANDS					
020F	Brake (1.5” Wide)	1	93-Up	179020A	0501-208-847
020F	Brake (2.0” Wide)	1	93-Up	179020B	0501-208-727
BUSHINGS					
030	Bushing Kit, F Drum (2 piece Bronze)	1	93-Up	179030A	N.L.
METAL CLAD SEALS					
070A	Front	1	93-Up	69070	24311-207621
072I	Manual Lever	1	93-Up	69072	24341-207430
074I	Extension Housing	1	93-Up	179074A	N.L.
FRICTION PLATES					
108B	A Pack (Forward)	4-5	93-Up	129108	1050-202-002
106F	B Pack (Reverse)	2-3	93-Up	79110E	1056-272-024
104A	C Pack (2nd)	3-4	93-Up	69104	1043-217-009
114C	D Pack (Low/ Reverse)	4-6	93-Up	129108	1050-202-002
100B	E Pack (3-4 Clutch)	4-5	93-Up	79100E	1050-230-033
102D	F Pack (5th Overdrive)	3-4	93-Up	79104P	1036-202-018
114C	G Pack (5th Overdrive)	4	93-Up	79104P	1036-202-018
STEEL PLATES					
128B	A Pack (Forward)	4-5	93-Up	69128E	1050-302-011
129B	A Pack (Forward) (Waved)	1	93-Up	69129E	1050-302-012
126F	B Pack (Reverse)	2-3	93-Up	69128E	1050-302-011
124A	C Pack (2nd)	2-3	93-Up	69126	24231215825
124A	C Pack (2nd) (Apply Plate)	1	93-Up	179124A	1043-202-092
124A	C Pack (2nd) (Waved)	1	93-Up	69126CA	1043-302-036
134C	D Pack (Low/ Reverse)	5-6	93-Up	69128E	1050-302-011
120B	E Pack (3-4 Clutch)	4-5	93-Up	79120E	1050-330-017
122D	F Pack (5th Overdrive) (.118”)	5	93-Up	129120	1060-377-002
134C	G Pack (5th Overdrive) (.070”)	3-4	93-Up	79124P	1036-302-015
VALVE BODY RECALIBRATION KITS					
165	Valve Body Kit (OE)	1	93-Up	D179165	5HP18VBK

ILL.		QTY.	YEAR	PART No.	REF. No.
	GASKETS & O-RINGS				
300J	Gasket, Bottom Pan (Rubber)	1	93-Up	179300A	1056-301-010
320	Gasket, Valve Body (Spec # Up-080)	1	93-Up	179320A	1056-327-100
320	Gasket, Valve Body (Spec # Up-081)	1	93-Up	179320B	1056-327-110
	TECHNICAL MANUALS				
400J	Tech Manual, Repair	1	93-Up	179400A	5HP18REP01
400J	Tech Manual, Technical	1	93-Up	179400AF	5HP18FD01
	ELECTRICAL COMPONENTS				
420	Solenoid Master Kit (BMW 520i)	1	93-Up	179420CK	1056-298-067
420	Solenoid Master Kit (BMW 525i)	1	93-Up	179420BK	1056-298-067
420	Solenoid Master Kit (BMW 530i)	1	93-Up	179420AK	1056-298-066
421	Solenoid, Shift (All)	1	93-Up	69421A	0501-315-752
421	Solenoid, Shift (BMW 520i, 530i)	5	93-Up	179421	0750-132-105
421	Solenoid, Shift (BMW 525i)	5	93-Up	179421A	N.L.
431	Solenoid, EPC w/ Housing (7 Solenoid) (BMW 530)	5	93-Up	179431	N.L.
431	Solenoid, EPC w/ Housing (7 Solenoid) (BMW 525)	5	93-Up	179431A	N.L.
431	Solenoid, EPC w/ Housing (7 Solenoid) (BMW 520)	5	93-Up	179431B	N.L.
	MISCELLANEOUS COMPONENTS				
507	Valve, Manual	1	93-Up	179507MA	1056-327-173
520A	Stator Support (Exc. 320i)	1	93-Up	179520	1056-210-117
530A	Pump Gears, Inner	1	93-99	179530	1056-310-091
550	Drum “D” (Functions as a Center Support)	1	93-03	179550D	1056-373-032
555D	Drum “F” (087, 088, 097, 099 Models)	1	93-97	179550F	1056-277-047
741	Check Ball (.236” Plastic) (6.0mm)	1	93-Up	159741-5	1043-326-037
960	Bonded Piston Kit	1	93-Up	179960K	1056-298-069
960D	Piston, F Clutch (Bonded)	1	93-Up	179960A	N.L.
962H	Piston, G Clutch (Bonded)	1	93-Up	179960B	0750-132-057
N.I.	Spring Compressor, 3-4 Clutch Spring Compressor Adapter For T-0158	1	93-Up	T-0158-ZF18	0750-132-057

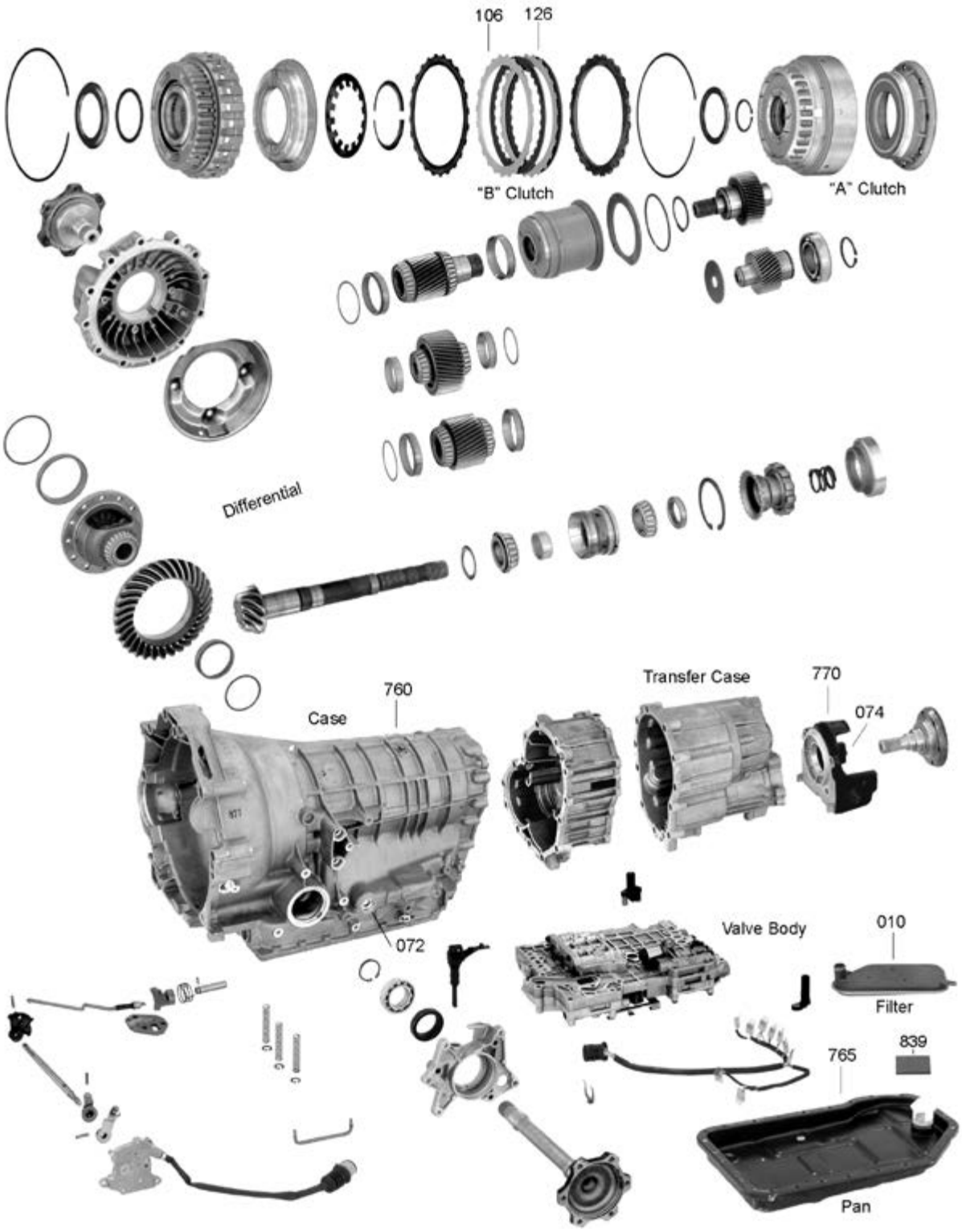
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	F-Clutch Bushing & Seal Kit	N.I.	N.I.	S179038K	85110-01K

Notes

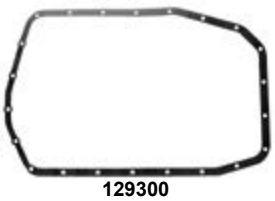
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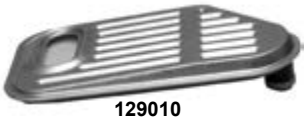
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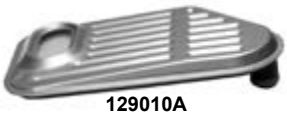

106
126
"B" Clutch
"A" Clutch
Differential
Case
760
Transfer Case
770
074
072
Valve Body
010
Filter
839
765
Pan

ZF5HP19


129300


129300A


129010


129010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	ZF5HP19 (Rwd) (BMW)	1	97-Up	129006	N.L.
006	ZF5HP19FL (Fwd) (Audi, VW, Porsche)	1	96-99	129006A	N.L.
006	ZF5HP19FL (Fwd) (Audi, VW, Porsche)	1	00-Up	129006AA	N.L.
006	ZF5HP19FLA (Awd) (Audi, VW 4wd)	1	96-99	129006B	N.L.
006	ZF5HP19FLA (Awd) (Audi, VW 4wd)	1	00-Up	129006BA	N.L.
	LESS STEEL KITS				
004	ZF5HP19 (Rwd)	1	97-Up	129004	N.L.
004	ZF5HP19FL (Fwd)	1	95-Up	129004A	N.L.
004	ZF5HP19FLA (Awd)	1	95-Up	129004B	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	ZF5HP19 (Rwd)	1	97-Up	129002	N.L.
002	ZF5HP19FL (Fwd)	1	95-Up	129002A	N.L.
002	ZF5HP19FLA (Awd)	1	95-Up	129002B	N.L.
	FILTERS				
010K	ZF5HP19 (BMW)	1	97-Up	129011	N.L.
	FILTERS				
010K	ZF5HP19 (BMW)	1	97-Up	129010	0501-210-388
010K	ZF5HP19FL, ZF5HP19FLA (Audi, VW)	1	95-Up	129010A	0501-209-251
	BUSHINGS				
030	Bushing Kit, 11 Piece (Solid Bronze)	1	95-Up	129030A	N.L.
030	Bushing Kit, 10 Piece (Solid Bronze) (Pump Bushing Not Included)	1	95-Up	129030B	N.L.
034	Pump (1.97" OD) (Solid Bronze)	1	95-Up	129034B	N.L.
034	Pump (2.05" OD) (Oversized) (Solid Bronze)	1	95-Up	129034XA	N.L.
034	Pump (2.08" OD) (Oversized) (Solid Bronze)	1	95-Up	129034XB	N.L.
034	Pump (Oversized) (Sonnax)	1	95-Up	S129034AX	85916-01
034	Pump (Oversized) (Sonnax) (Finish in Place)	1	95-Up	S129034BX	85916-01U
036	Front Stator (Solid Bronze)	1	95-Up	129036	N.L.
037	Rear Stator (Solid Bronze)	1	95-Up	129037	N.L.
039	Overdrive Hub (Solid Bronze)	1	95-Up	129039	N.L.
043	Overdrive Ring Gear (Solid Bronze)	2	95-Up	129043	N.L.
051	Sun Gear Shell (Solid Bronze)	1	95-Up	129051	N.L.
054	Sun Gear Shaft (Solid Bronze)	2	95-Up	129054	N.L.
057	Inner Sprag Race (Solid Bronze)	2	95-Up	129057	N.L.
	METAL CLAD SEALS				
070A	Front Pump	1	95-Up	79070E	0734-310-316
074	Rear (ZF5HP19)	1	00-Up	129074	0734-319-607
074	Rear (ZF5HP19A)	1	95-Up	129074A	0734-319-588
	FRICTION PLATES				
108B	A Pack	4-5	95-Up	129108	1050-202-002
106G	B Pack	2	95-Up	129110	N.L.
104A	C Pack	3-5	95-Up	129104	N.L.
114D	D Pack	5-6	95-Up	129108	1050-202-002
100B	E Pack	4-5	95-Up	79100E	1050-230-033
102E	F Pack	4-5	95-Up	79104P	1036-202-018
116E	G Pack	3-4	95-Up	79104P	1036-202-018
119	Friction Module, ZF5HP19 (OEM)	1	97-Up	129119	1060-298-023
119	Friction Module, ZF5HP19FL, FLA (OEM)	1	95-Up	129119B	1060-298-022

ILL.		QTY.	YEAR	PART No.	REF. No.
	STEEL PLATES				
128B	A Pack	4-5	95-Up	69128E	1050-302-011
126G	B Pack	2	95-Up	129130	1060-372-002
124A	C Pack (.071")	4-5	95-Up	129124	1060-310-004
124A	C Pack (.094")	4	95-Up	129124A	1060-310-053
124A	C Pack (.130")	3	95-Up	129124B	1060-310-027
134D	D Pack	5-6	95-Up	69128E	1050-302-011
120B	E Pack	4-5	95-Up	79120E	1050-330-017
122E	F Pack	5-6	95-Up	129120	1060-377-002
136E	G Pack	3-4	95-Up	79124P	1036-302-015
139	Steel Module ZF5HP19 (OEM)	1	97-Up	129139	1060-298-027
139	Steel Module ZF5HP19FL, FLA (OEM)	1	95-99	129139A	1060-298-026
139	Steel Module ZF5HP19FL, FLA (OEM)	1	00-Up	129139B	1060-298-025
	VALVE BODY RECALIBRATION KITS				
165	Valve Body Kit, BMW Only (OEM)	1	95-Up	D129165	VBKBMW01
	GASKETS & O-RINGS				
300K	Gasket, Pan (Rwd) (BMW)	1	97-Up	129300	1060-390-002
300K	Gasket, Pan (Fwd, Awd) (Audi, VW)	1	95-Up	129300A	1056-303-031
320	Gasket, Valve Body (ZF5HP19)	1	00-Up	129320	1060-327-075
320	Gasket Kit, Valve Body (ZF5HP19FL, FLA)	1	96-Up	129320AK	N.L.
344	O-Ring, Pump Pipe	1	00-Up	129344	0734-313-161
	TECHNICAL MANUALS				
400K	Repair Manual, ZF5HP19	1	95-Up	129400A	5HP19REP01
400K	Repair Manual, ZF5HP19FL / FLA	1	95-Up	129400B	5HP19FLREP1
400K	Technical Manual, Functional Description, ZF5HP19	1	95-Up	129400AF	5HP19FD01
400K	Technical Manual, Functional Description, ZF5HP19FL / FLA	1	95-Up	129400BF	5HP19FLFD01
	ELECTRICAL COMPONENTS				
410	Sensor, MLPS (5HP19)	1	97-Up	129410	0501-317-781
410	Sensor, MLPS (5HP19FL) (Exc 072, 088)	1	95-Up	129410A	0501-209-896
410	Sensor, MLPS (5HP19FL) (072, 088)	1	95-Up	129410B	0501-317-994
410	Sensor, MLPS (5HP19FLA) (002, 012, 013, 018, 030, 035, 036, 044, 053, 054, 063, 065, 073)	1	95-Up	129410C	0501-209-896
410	Sensor, MLPS (5HP19FLA) (075, 087, 093, 100, 101, 103)	1	95-Up	129410B	0501-317-994
420	Solenoid Master Kit (BMW)	1	95-Up	129420AK	1060-298-033
420	Solenoid Master Kit (Audi & VW Speed Sensor on Case)	1	95-Up	129420AK	1060-298-033
420	Solenoid Master Kit (Audi & VW Speed Sensor on Valve Body)	1	95-Up	129420CK	1060-298-035
420	Solenoid Master Kit (Audi V8 & Porsche Exc. 1060 050 002)	1	95-97	129420BK	1060-298-034
420	Solenoid Master Kit (Porsche 1060 050 002)	1	95-Up	129420CK	1060-298-035
420	Solenoid, Shift (Speed Sensor on Case)	3	95-Up	129420A	N.L.
420	Solenoid, Shift (Speed Sensor on Valve Body)	3	95-Up	129420	0750-132-122
431	Solenoid, EPC (BMW & Audi/VW w/ Speed Sensor on Case)	1	95-Up	129431	0501-210-725
431	Solenoid, EPC (Audi/VW w/ Speed Sensor on Valve Body)	1	95-Up	159431A	0501-210-875
431	Solenoid, EPC (Audi V8)	1	95-Up	129431B	N.L.
431	Solenoid, EPC (BMW & Audi/VW w/ Speed Sensor on Case)	3	95-Up	129431C	N.L.
431	Solenoid, EPC (Audi/VW w/ Speed Sensor on Valve Body & Audi V8)	3	95-Up	129431D	N.L.
436	Sensor, Speed w/ Wire (Internal) (All)	1	95-Up	129436	0501-322-866
438	Sensor, Speed w/o Wire (Internal) (All)	1	95-Up	129438	0501-311-086
438	Sensor, Speed (External) (FL, FLA)	1	95-Up	129439	0501-314-432
446	Harness, Internal Wire (5HP19)	1	97-Up	129446	1060-227-021
446	Harness, Internal Wire (5HP19FL) (005, 006, 011, 013, 021, 027)	1	95-Up	129446A	1056-277-046
446	Harness, Internal Wire (5HP19FL) (049, 059, 072, 088)	1	95-Up	129446B	1060-227-022
446	Harness, Internal Wire (5HP19FLA) (002, 012, 013, 018, 036)	1	95-Up	129446A	1056-277-046
446	Harness, Internal Wire (5HP19FLA) (030, 035, 044, 053, 054, 063, 065, 073, 075, 087, 093, 100, 101, 103)	1	95-Up	129446B	1060-227-022
	MISCELLANEOUS COMPONENTS				
510A	Pump Body & Gears (Cast 1060 410 017)	1	99-Up	129510	1060-210-047
510A	Pump Body & Gears (Cast 1060 410 061)	1	96-05	129510A	1060-210-024
507	Pipe, Pump Body	2	00-Up	129507	1060-310-045
550	Drum, "D" (ZF5HP19)	1	97-03	179550D	1056-383-032
550	Drum, "D" (ZF5HP19FL, FLA)	1	95-03	129550D	1060-373-014
550	Drum, "F"	1	95-03	129550F	1060-277-010
648	Sprag Assembly, Hub & Low Sprag (Audi, VW) (repl OE Bearing Type)	1	95-03	129648A	1060-273-013
648	Sprag Assembly, Hub & Low Sprag (BMW) (repl OE Bearing Type)	1	97-02	129648B	1060-273-035

ZF5HP19

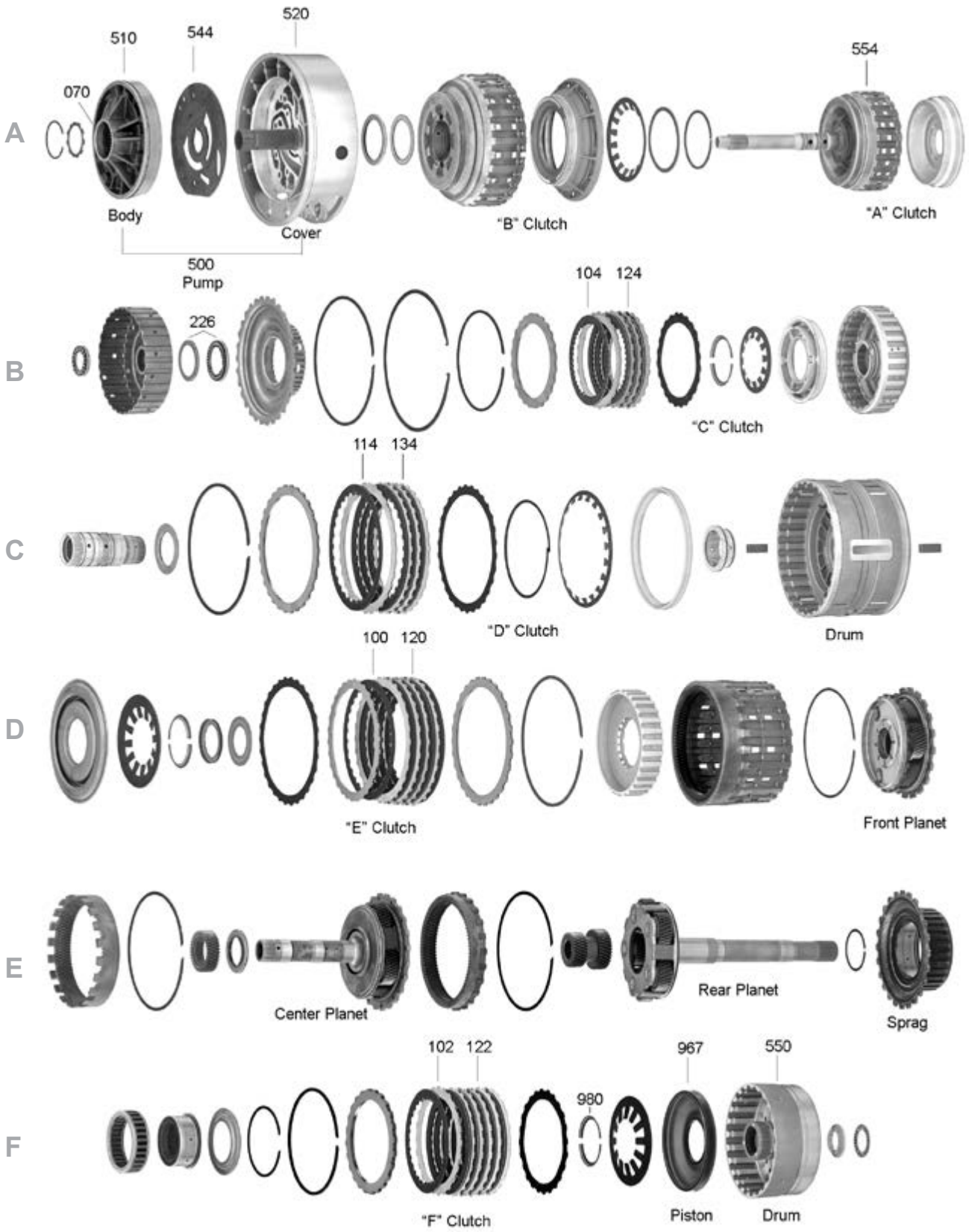
ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS (Cont.)				
740	Valve Body (BMW)	1	97-Up	P129740-3	N.L.
740	Valve Body (Porsche)	1	97-Up	P129740-4	N.L.
740	Valve Body (VW/Audi) (Bolt on Speed Sensor)	1	96-Up	P129740-2	N.L.
740	Valve Body (VW/Audi) (No Bolt on Speed Sensor)	1	96-Up	P129740-1	N.L.
741	Pressure Reg Valve Assembly, Type 2 Valve Body (Transgo®)	1	96-Up	T129741PK	5HP-19-PR
962E	Piston, “F” Drum	1	95-Up	129962	1056-377-038
N.I	ZF Fluids, Esso 20 Liter	1	95-Up	M465ZFB	S671090149
N.I	ZF Fluids, Replaces Esso 20 Liter	1	95-Up	M465ZF5	N.L.
N.I	ZF Fluids, Replaces Esso 1 Liter	1	95-Up	M465ZF5-1	N.L.

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Bushing & Seal Kit, F-Clutch	N.I.	N.I.	S179038K	85110-01K
Vol 9	Bushing, Pump, Finish in Place (Machining Required)	N.I.	N.I.	S129034BX	85916-01U
Vol 9	Bushing, Pump, Precision O.S. (Machining Required)	N.I.	N.I.	S129034AX	85916-01
Vol 9	Lubrication Valve Kit O.S. (T-F-85755-TL7 & T-VB-FIX req)	N.I.	N.I.	S129741H-1	85755-07K
Vol 9	Pressure Modulator Valve Kit O.S. (T-F-85755-TL3, -TL3PL, T-VB-FIX req)	N.I.	N.I.	S129741E-1	85755-03K
Vol 9	Press Reg Valve O.S. (4 Spool) (E17) (T-F-85755-TL1 & T-VB-FIX req)	N.I.	N.I.	129741PAK	85755-01
Vol 9	Press Reg Valve O.S. (5 Spool) (E18.2) (T-F-85755-TL2 & T-VB-FIX req)	N.I.	N.I.	129741PBK	85755-02
Vol 9	Press Reduction Valve Kit O.S. (T-F-85755-TL9, T-F-85755-TL3PL req)	N.I.	N.I.	129741PBK	85755-09K
Vol 9	TCC Apply Valve O.S. (T-F-85755-TL8 & T-VB-FIX req)	N.I.	N.I.	S129741C-1	85755-08

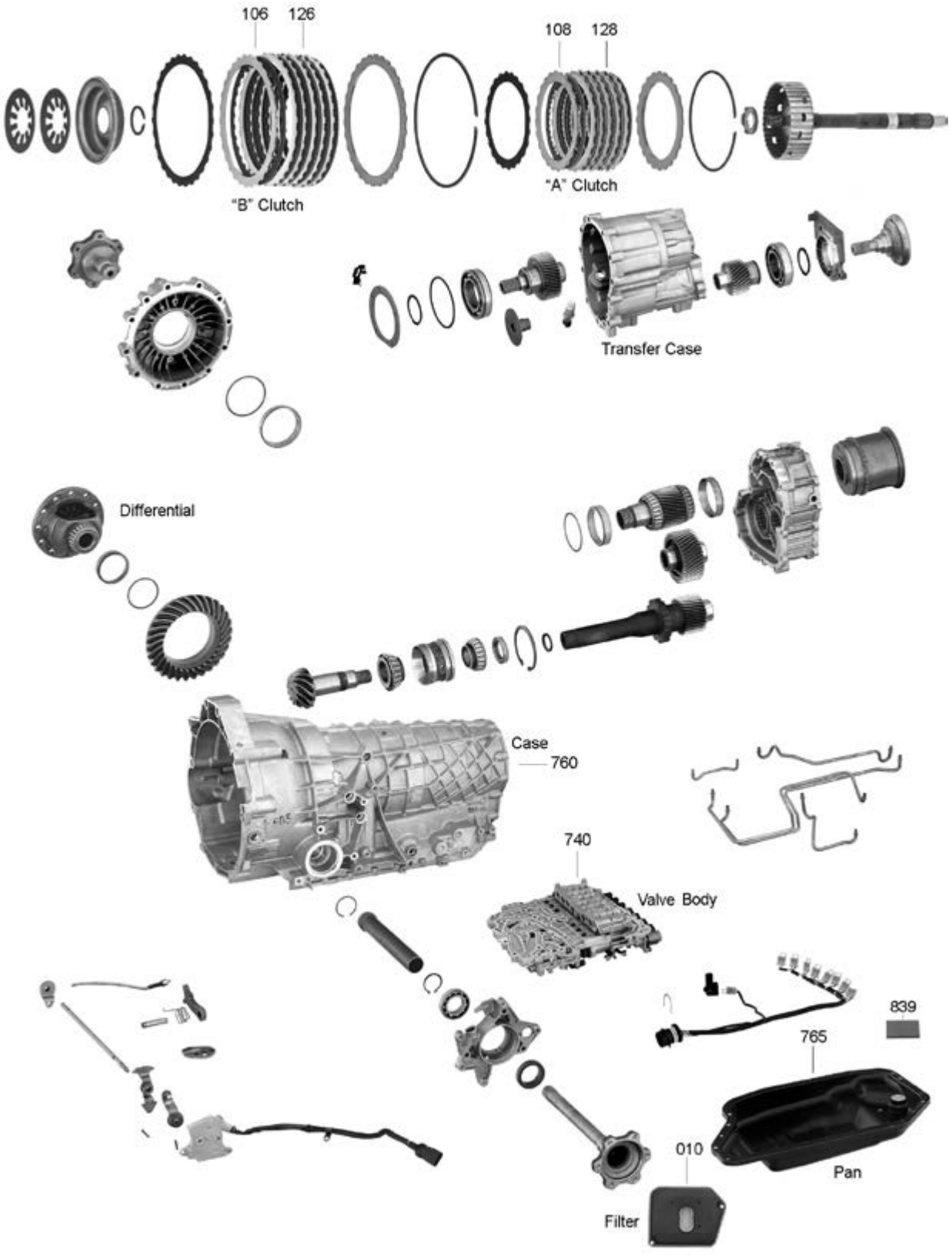
Notes

Notes

ZF5HP24

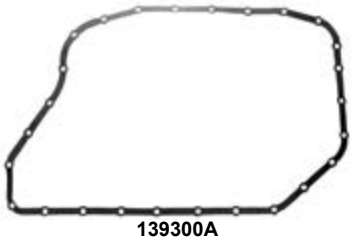


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106
126
108
128
"B" Clutch
"A" Clutch
Transfer Case
Differential
Case
760
740
Valve Body
839
765
Pan
010
Filter

ZF5HP24


139300


139300A


139010

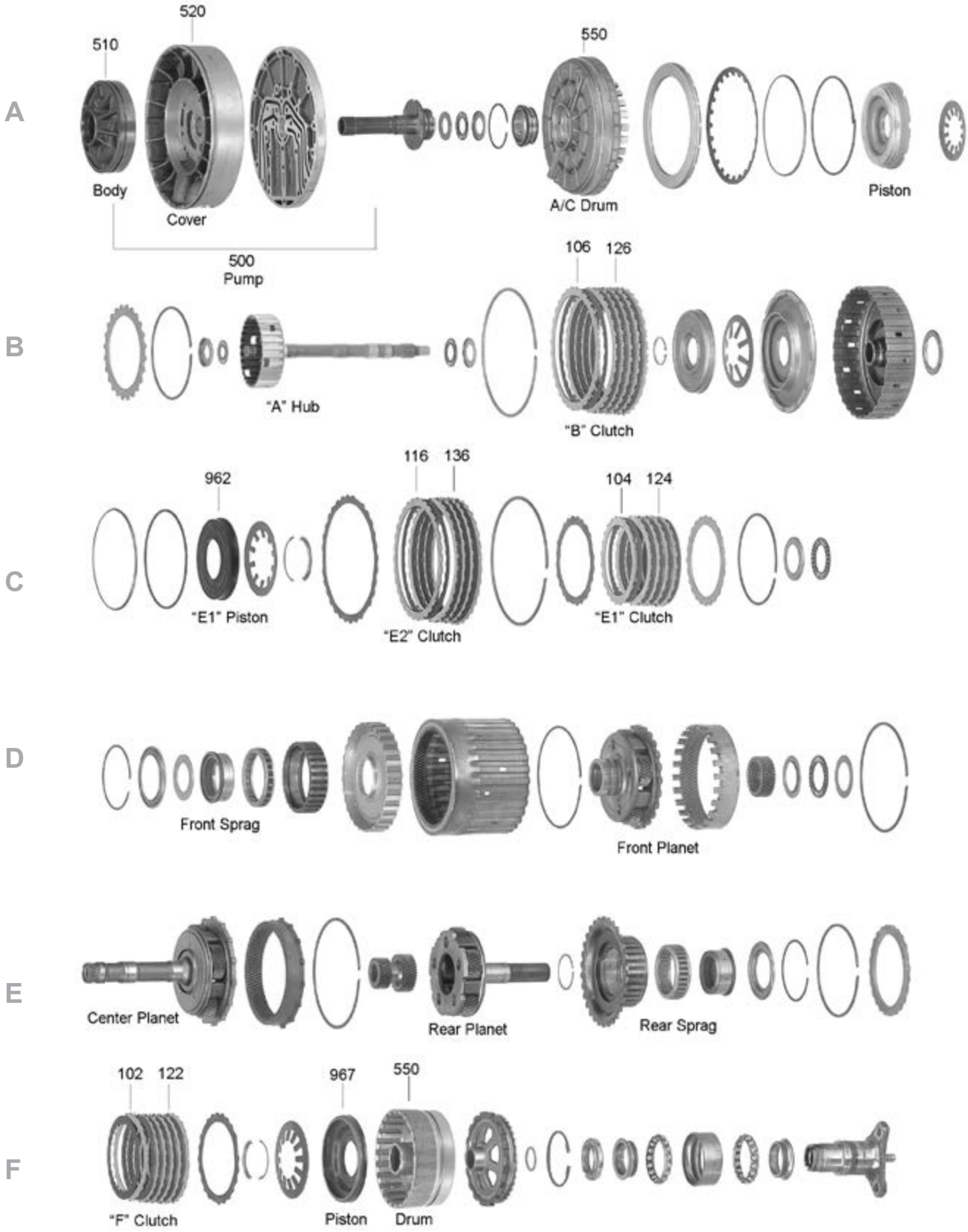

139010B

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF5HP24 (w/ Pistons) (Land Rover Rear Seal Not Included)	1	96-Up	139006AP	N.L.
006	ZF5HP24 (w/out Pistons) (Land Rover Rear Seal Not Included)	1	96-Up	139006AN	N.L.
006	ZF5HP24A (w/ Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139006CP	N.L.
006	ZF5HP24A (w/out Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139006CN	N.L.
LESS STEEL KITS					
004	ZF5HP24 (w/ Pistons) (Land Rover Rear Seal Not Included)	1	96-Up	139004AP	N.L.
004	ZF5HP24 (w/out Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139004AN	N.L.
004	ZF5HP24A (w/ Pistons) (Land Rover Rear Seal Not Included)	1	96-Up	139004CP	N.L.
004	ZF5HP24A (w/out Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139004CN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF5HP24 (w/out Pistons) (Land Rover Rear Seal Not Included)	1	96-Up	139002N	1058-298-022
002	ZF5HP24A (w/out Pistons) (Land Rover Rear Seal Not Included)	1	97-Up	139002AN	1058-298-023
FILTER KITS					
011	ZF5HP24	1	96-Up	139011	N.L.
011	ZF5HP24A	1	97-Up	139011B	N.L.
FILTERS					
010K	ZF5HP24	1	96-Up	139010	0501-004-925
010K	ZF5HP24A	1	97-Up	139010B	0501-006-460
BUSHINGS					
030	Bushing Kit (Solid Bronze)	1	96-Up	139030	N.L.
037	Stator, Rear (Solid Bronze)	1	96-Up	139037	N.L.
METAL CLAD SEALS					
070A	Front Pump	1	96-Up	69070	24311-207621
074	Extension Housing, Land Rover	1	03-Up	134074	96020744
FRICTION PLATES					
108A	A Pack	6	96-Up	69100	24231215441
106G	B Pack	6	96-Up	139106	DAZ08040
104B	C Pack	4	96-Up	69100	24231215441
114C	D Pack	3-5	96-Up	139106	DAZ08040
100D	E Pack	4-5	96-Up	139106	DAZ08040
102F	F Pack	6	96-Up	159108	1055-270-030
119	Friction Module, All (OEM)	1	96-Up	139119A	1058-298-015
STEEL PLATES					
128A	A Pack	6	96-Up	139128	N.L.
126G	B Pack	6	96-Up	139126	N.L.
124B	C Pack	4	96-Up	139128	N.L.
134C	D Pack	3-5	96-Up	139126	N.L.
120D	E Pack	4-5	96-Up	139126	N.L.
122F	F Pack	6	96-Up	159124	1055-374-024
139	Steel Module, All (OEM)	1	96-Up	139139A	1058-298-017
VALVE BODY RECALIBRATION KITS					
165	Shift Kit®, ZF5HP24 (Transgo®)	1	96-Up	T139165	SK®5HP24PR
165	Valve Body Kit, ZF5HP24 (OEM)	1	96-Up	D139165	5HP24VBK01

ILL.		QTY.	YEAR	PART No.	REF. No.
	BEARINGS & RACES				
226	Bearing, “B” Clutch Hub Rear	1	96-Up	139226	1058-202-016
	GASKETS & O-RINGS				
300K	Gasket, Pan (ZF5HP24)	1	96-Up	139300	0501-319-899
300K	Gasket, Pan (ZF5HP24A)	1	97-Up	139300A	1058-303-015
310	Gasket, Pump (ZF5HP24)	1	96-Up	139310	N.L.
320	Gasket, Valve Body	1	96-Up	139320	N.L.
379	O-Ring, Filter (ZF5HP24)	1	96-Up	139379	N.L.
	TECHNICAL MANUALS				
400I	Repair Manual, ZF5HP24 (Rwd)	1	96-Up	139400A	5HP24REP01
400I	Repair Manual, ZF5HP24 (Exc Rwd)	1	97-Up	139400B	5HP24AREP01
400I	Technical Manual, Functional Description (All)	1	96-Up	139400AF	5HP24FD01
	ELECTRICAL COMPONENTS				
420	Solenoid Master Kit (BMW to 018) (Jaguar to 024)	1	96-98	129420CK	1060-298-035
420	Solenoid Master Kit (Audi) (BMW from 020) (Jaguar from 026)	1	98-Up	129420BK	1060-298-034
420	Solenoid, Shift (All)	3	96-Up	129420	0750-132-122
431	Solenoid, EPC (BMW to 018) (Jaguar to 024)	1	96-98	129431	0501-210-725
431	Solenoid, EPC (Audi) (BMW from 020) (Jaguar from 026)	1	98-Up	159431A	0501-210-875
431	Solenoid, EPC (All)	4	96-Up	129431D	N.L.
436	Sensor, Input & Output Speed (Internal) (ZF5HP24)	2	96-Up	69436A	0501-310-401
438	Sensor, Speed (ISS) (Internal) (ZF5HP24A)	1	97-Up	129438	0501-311-086
446	Harness, Internal Wire (ZF5HP24)	1	96-Up	139446	1058-227-019
446	Harness, Internal Wire (ZF5HP24A)	1	97-Up	139446A	1058-227-020
	MISCELLANEOUS COMPONENTS				
507	Valve, Pressure Regulator (2nd Design)	1	96-Up	159507PA	1058-327-030
510A	Pump Body & Gears (ZF5HP24) (Does Not Include the Pump Plate)	1	96-03	139510	1058-210-061
510A	Pump Body & Gears (ZF5HP24A) (Does Not Include the Pump Plate)	1	00-03	139510A	1058-210-062
544A	Pump Plate, Intermediate (ZF5HP24)	1	96-Up	139544	1058-310-074
544A	Pump Plate, Intermediate (ZF5HP24A)	1	97-Up	139544A	1058-310-024
550F	Drum, “F”	1	96-Up	139550F	1058-277-001
554A	Drum, “A”	1	96-Up	139554A	1058-270-040
570	Hub w/ Shaft (ZF5HP24)	1	96-Up	139570	N.L.
570	Hub w/ Shaft (ZF5HP24A)	1	97-Up	139570B	1058-271-041
670	Input Shaft, Sun Gear Type	1	96-Up	139670	1058-202-014
740J	Valve Body (Premium) (BMW, Jaguar) (Sol # 05012-10060)	1	96-Up	P139740-1	N.L.
740J	Valve Body (Premium) (BMW, Jaguar) (Sol # 05012-09875)	1	96-E98	P139740-3	N.L.
740J	Valve Body (Premium) (BMW AWD) (3 Brown, 4 Black, 1 Green Solenoids)	1	99-03	P139740-4	N.L.
740J	Valve Body (Premium) (Audi, VW) (3 Blue, 5 Green Solenoids)	1	97-99	P139740-2	N.L.
742	Valve Body, Lower Front Section Update (Except Tag # 105000014)	1	96-Up	139742	1058-327-022
770	Extension Housing	1	97-01	139770	1058-314-014
927	Piston, Accumulator (Plastic) (ZF5HP24)	2	96-Up	139927	1058-327-017
927	Piston, Accumulator (Aluminum) (ZF5HP24A) (Will Replace Plastic)	2	97-Up	139927A	1058-327-087
962	Piston, “E” Clutch (fits in the “D” Cylinder)	1	96-Up	139962	1058-375-020
967F	Piston, “F” Clutch (Bonded)	1	96-Up	139967	0501-212-967
980	Retainer, Split Ring to Hold Finger Spring (2 Piece)	1	00-03	139980	1055-376-025
992	Shaft, Shift Selector	1	96-Up	139992	1058-306-019

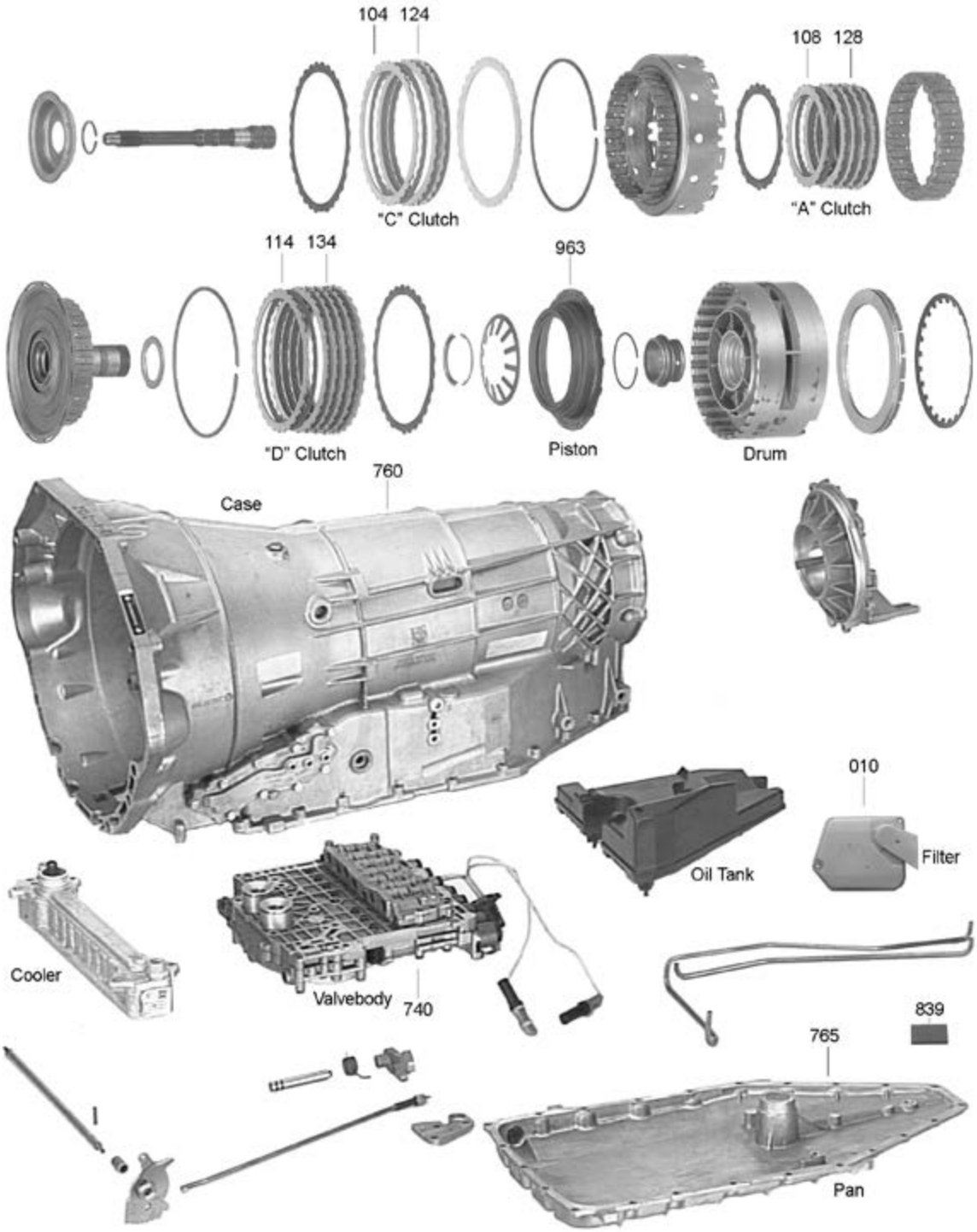
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Pressure Regulator Valve Kit O.S. (T-F-139740-TL & T-VB-FIX)	N.I.	N.I.	S139741P	139740-01K

ZF5HP30



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104 124
"C" Clutch
108 128
"A" Clutch
114 134
"D" Clutch
963
Piston
Drum
760
Case
010
Filter
Oil Tank
Cooler
Valvebody
740
839
765
Pan

ZF5HP30


159300


159010A

ILL.		QTY.	YEAR	PART No.	REF. No.
MASTER OVERHAUL KITS (WITH STEELS)					
006	ZF5HP30 (w/ Pistons)	1	91-Up	159006AP	N.L.
006	ZF5HP30 (w/out Pistons)	1	91-Up	159006AN	N.L.
LESS STEEL KITS					
004	ZF5HP30 (w/ Pistons)	1	91-Up	159004AP	N.L.
004	ZF5HP30 (w/out Pistons)	1	91-Up	159004AN	N.L.
OVERHAUL KITS (W/ RINGS & SEALS)					
002	ZF5HP30 (w/ Pistons)	1	91-Up	159002AP	N.L.
002	ZF5HP30 (w/out Pistons)	1	91-Up	159002AN	N.L.
FILTER KITS					
011	ZF5HP30	1	91-Up	159011A	N.L.
FILTERS					
010K	ZF5HP30	1	91-Up	159010A	1055-298-015
METAL CLAD SEALS					
070A	Front Pump	1	91-Up	69070	24311-207621
FRICTION PLATES					
108G	A, E1, F (5.63” OD)	15-16	91-Up	159108	1055-270-030
106B	B, C, D, E2 (8.00” OD)	13-17	91-Up	159106	1055-271-025
N.I.	Friction Module	1	91-Up	159119A	5HP30CK
STEEL PLATES					
128G	A Clutch (24T) (.118”)	5	91-Up	159128	1055-370-089
126B	B, C, D, E2 (32T)	14-17	91-Up	159126	1055-371-003
124G	E1, F (24T) (.071”)	11	91-Up	159124	1055-374-024
PRESSURE PLATES					
144G	C Clutch (2nd Design)	1	91-Up	159144	1055-370-095
VALVE BODY RECALIBRATION KITS					
165	Valve Body Kit	1	91-Up	159165	5HP30VBK
GASKETS & O-RINGS					
300K	Gasket, Pan	1	91-Up	159300	0750-112-155
320	Gasket, Valve Body (Models 308, 309, 312)	1	91-Up	159320	N.L.
320	Gasket, Valve Body (Models 316-Up)	1	91-Up	159320A	N.L.
TECHNICAL MANUALS					
400K	Tech Manual, Repair	1	91-Up	159400A	5HP30REP01
400K	Tech Manual, Functional	1	91-Up	159400AF	5HP30FD01
400K	Tech Manual, Valve Body Repair	1	91-Up	159400V	5HPVBMAN01
ELECTRICAL COMPONENTS					
420	Solenoid Master Kit (BMW V8 Engine)	1	91-Up	159420K	1055-298-029
420	Solenoid Master Kit (All Exc. BMW V8 Engine)	1	91-Up	159420AK	1055-298-028
420	Solenoid, Shift (All)	3	91-Up	129420	0750-132-122
431	Solenoid, EPC (BMW V8)	1	91-Up	159431	0501-311-843
431	Solenoid, EPC (BMW V12)	1	91-Up	159431A	0501-210-875
431	Solenoid, EPC (All)	4	91-Up	159431B	N.L.
436	Sensor, Input & Output Speed	2	91-Up	69436A	0501-310-401

ILL.		QTY.	YEAR	PART No.	REF. No.
	MISCELLANEOUS COMPONENTS				
507	Valve, Pressure Regulator	1	91-Up	159507PA	1058-327-030
510A	Pump Body & Gears	1	91-Up	159510	1055-210-049
550	Drum, “A”	1	91-Up	159550A	1055-270-074
550	Drum, “C”	1	91-Up	159550A	1055-270-074
550	Drum, “F”	1	91-Up	159550F	1055-276-045
740K	Valve Body (Premium)	1	91-Up	P159740-1	N.L.
741	Check Ball (.236” Plastic) (6.0mm)	1	91-Up	159741-5	1043-326-037
960	Bonded Piston Kit	1	91-Up	159960K	1055-298-030
963	Piston, “D” (Bonded)	1	91-Up	139963	N.L.
962	Piston, “E1” (Bonded)	1	91-Up	139962	1058375020
967	Piston, “F” (Bonded)	1	91-Up	139967	0501-212-967
N.I.	Spring Compressor, Drum Buddy, “ C” Clutch (Large Diaphragm Return Spring)	1	91-Up	T-6900Z	0501-212-967

VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Case Dowel Pins (Improved Durability) (6 per bag)	N.I.	N.I.	S159485	85000-01
Vol 9	Retainer Kit, Manual Shifter Shaft Seals	N.I.	N.I.	S159741-4AK	85000-02K

Notes

ZF6HP19



55300A



55010A

ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	ZF6HP19 (Rwd)	1	02-Up	55006	N.L.
006	ZF6HP19A (Awd)	1	04-Up	55006A	N.L.
	LESS STEEL KITS				
004	ZF6HP19 (Rwd)	1	02-Up	55004	N.L.
004	ZF6HP19A (Awd)	1	04-Up	55004A	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	ZF6HP19 (Rwd)	1	02-Up	55002	N.L.
002	ZF6HP19A (Awd)	1	04-Up	55002A	N.L.
002	ZF6HP21 (Rwd)	1	02-Up	55002	N.L.
	FILTERS				
010	ZF6HP19 (Plastic Integral Filter and Pan)	1	02-Up	55010	0501-216-244
010	ZF6HP19A	1	04-Up	55010A	0501-212-401
	BUSHINGS				
030	Bushing Kit (Solid Bronze)	1	02-Up	55030X	N.L.
	FRICTION PLATES				
119	Friction Module, ZF6HP19, ZF6HP19A, ZF6HP21 (OEM)	1	02-Up	55119	1071-298-013
	STEEL PLATES				
139	Steel Module, ZF6HP19 (OEM)	1	02-Up	55139	1071-298-011
139	Steel Module, ZF6HP19A (OEM)	1	04-Up	55139A	1071-298-012
139	Steel Module, ZF6HP21 (5 Plate E Clutch) (OEM)	1	02-Up	55139	1071-298-011
139	Steel Module, ZF6HP21 (6 Plate E Clutch) (OEM)	1	04-Up	55139A	1071-298-012
	PAN GASKETS				
300	ZF6HP19 (Molded Rubber)	1	02-Up	55300	0501-323-156
300	ZF6HP19A	1	04-Up	55300A	N.L.
	ELECTRICAL COMPONENTS				
N.I.	Solenoid Kit, 6HP19/26/32 (Match w/ Trans Code)	1	06-10	95420AK	1068 298 043
N.I.	Solenoid Kit, 6HP19/26/32 (Match w/ Trans Code)	1	06-10	95420BK	1069 298 044
N.I.	Solenoid Kit, 6HP19/26/32 (Match w/ Trans Code)	1	06-10	95420CK	1070 298 045
N.I.	Solenoid Kit, 6HP12/28 (Match w/ Trans Code)	1	06-10	95420DK	1071 298 046
N.I.	Solenoid Kit, 6HP12/28 (Match w/ Trans Code)	1	06-10	95420EK	1072 298 047
	VALVE BODIES				
740	ZF6HP19 (Incl. VB, Pan, Gasket, Seal Sleeve, 4 Adapter Block Seals)	1	02-Up	55740	1071-198-974
740	ZF6HP19 (Incl. VB, Pan, Gasket, Seal Sleeve, 4 Adapter Block Seals)	1	02-Up	55740A	1071-198-980
740	ZF6HP19X (Incl. VB, Pan, Gasket, Seal Sleeve, 4 Adapter Block Seals)	1	02-Up	55740	1071-198-974
740	ZF6HP21 (Incl. VB, Pan, Gasket, Seal Sleeve, 4 Adapter Block Seals)	1	06-Up	55740B	1071-198-976
740	ZF6HP21X (Incl. VB, Pan, Gasket, Seal Sleeve, 4 Adapter Block Seals)	1	06-Up	55740BA	1071-198-854
747	Separator Plate, Gen 1, Codes: A035, B035 (6HP19/26/32) (Sonnax)	1	02-Up	S95320	95740-035
747	Separator Plate, Gen 1, Codes: A046, B046 (6HP19/26/32) (Sonnax)	1	02-Up	S95320AA	95740-046
747	Separator Plate, Gen 1, Codes: A047, B047 (6HP19/26/32) (Sonnax)	1	02-Up	S95320A	95740-047
747	Separator Plate, Gen 1, Codes: A036, A051, B036, B051 (6HP19/26/32) Sonnax	1	02-Up	S95320B	95740-051
747	Separator Plate, Gen 1, Codes: A052, B052 (6HP19/26/32) (Sonnax)	1	02-Up	S95320C	95740-052
747	Separator Plate, Gen 1, Codes: A053, B053 (6HP19/26/32) (Sonnax)	1	02-Up	S95320E	95740-053
747	Separator Plate, Gen 2, Codes: A063, B063 (6HP21/28/34) (Sonnax)	1	06-Up	S95320G	95740-063
747	Separator Plate, Gen 2, Codes: A065, B065 (6HP21/28/34) (Sonnax)	1	06-Up	S95320H	95740-065

ILL.		QTY.	YEAR	PART No.	REF. No.
VOL.	SONNAX PRODUCTS	PAGE	ILL.	PART NO.	SONNAX NO.
Vol 9	Bypass Clutch Control Valve Kit O.S. (T-F-95740-TL13 & T-VB-FIX req)	N.I.	N.I.	S95741D-1K	95740-13K
Vol 9	Clutch A Control Valve Kit O.S. (T-F-95740-TL8 & T-VB-FIX req)	N.I.	N.I.	S95741L-1K	95740-09K
Vol 9	Clutch D1 or E Control Valve Kit O.S. (T-F-95740-TL8 & T-VB-FIX req)	N.I.	N.I.	S95741G-1K	95740-08K
Vol 9	Converter Release Regulator Valve Kit O.S. (T-F-95740-TL5 & T-VB-FIX req)	N.I.	N.I.	S95741C-1K	95740-05K
Vol 9	End Plug Kit w/ O-Ring (Internal)	N.I.	N.I.	S95741BA-6	95740-25K
Vol 9	End Plug Kit w/ O-Ring (Sonnax)	N.I.	N.I.	S95741A-6	95740-19K
Vol 9	Piston & Spring Kit, Valve Body Accumulator	N.I.	N.I.	S95741E	95740-15K
Vol 9	Separator Plate, Gen 1, Codes: A035, B035 (6HP19/26/32) (Sonnax)	N.I.	N.I.	S95320	95740-035
Vol 9	Separator Plate, Gen 1, Codes: A046, B046 (6HP19/26/32) (Sonnax)	N.I.	N.I.	S95320AA	95740-046
Vol 9	Separator Plate, Gen 1, Codes: A047, B047 (6HP19/26/32) (Sonnax)	N.I.	N.I.	S95320A	95740-047
Vol 9	Separator Plate, Gen 1, Codes: A036, A051, B036, B051 (6HP19/26/32) Sonnax	N.I.	N.I.	S95320B	95740-051
Vol 9	Separator Plate, Gen 1, Codes: A052, B052 (6HP19/26/32) (Sonnax)	N.I.	N.I.	S95320C	95740-052
Vol 9	Separator Plate, Gen 1, Codes: A053, B053 (6HP19/26/32) (Sonnax)	N.I.	N.I.	S95320E	95740-053
Vol 9	Separator Plate, Gen 2, Codes: A063, B063 (6HP21/28/34) (Sonnax)	N.I.	N.I.	S95320G	95740-063
Vol 9	Separator Plate, Gen 2, Codes: A065, B065 (6HP21/28/34) (Sonnax)	N.I.	N.I.	S95320H	95740-065
Vol 9	Sleeve, Pressure	N.I.	N.I.	S95741PA-2	95740-03
Vol 9	Valve & Sleeve Boost Clutch “A”	N.I.	N.I.	S95741F-1	95740-21K
Vol 9	Valve Kit, Lube Cont O.S. (T-F-95740-TL11 & T-VB-FIX req)	N.I.	N.I.	S95741H-1	95740-11K
Vol 9	Valve Kit, Pressure O.S. (T-F-95740-TL & T-VB-FIX req)	N.I.	N.I.	S95741P-1	95740-01K
Vol 9	Valve Kit, Solenoid Pressure O.S. (T-F-95740-TL17 & T-VB-FIX req)	N.I.	N.I.	S95741PH-1	95740-17K
Vol 9	Zip Kit (ZF6HP19, ZF6HP32)	N.I.	N.I.	S95741ZK	ZF6-6R60-ZIP

Notes

ECOMAT

ILL.		QTY.	YEAR	PART No.	REF. No.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	ECOMAT, HP500, HP600	1	90-Up	165002	N.L.
	FILTERS				
010	Filter	1	90-Up	165010	N.L.
	FRICTION PLATES				
108	A Pack	AR	90-Up	165108	N.L.
106	B Pack	AR	90-Up	165110	N.L.
100	C Pack	AR	90-Up	165110	N.L.
110	D Pack (2.7mm)	AR	90-Up	165114A	N.L.
110	D Pack (3.0mm)	AR	90-Up	165114	N.L.
104	E Pack (2.7mm)	AR	90-Up	165114A	N.L.
104	E Pack (3.0mm)	AR	90-Up	165114	N.L.
113	F Pack (2.7mm)	AR	90-Up	165114A	N.L.
113	F Pack (3.0mm)	AR	90-Up	165114	N.L.
115	Converter Pack	AR	90-Up	165115	N.L.
	STEEL PLATES				
128	A Pack (2.0mm)	AR	90-Up	165128	N.L.
128	A Pack (2.5mm)	AR	90-Up	165128A	N.L.
126	B Pack (2.0mm)	AR	90-Up	165130	N.L.
126	B Pack (2.5mm)	AR	90-Up	165130A	N.L.
120	C Pack (2.0mm)	AR	90-Up	165130	N.L.
120	C Pack (2.5mm)	AR	90-Up	165130A	N.L.
130	D Pack	AR	90-Up	165134	N.L.
124	E Pack	AR	90-Up	165134	N.L.
133	F Pack	AR	90-Up	165134	N.L.
135	Converter Clutch	AR	90-Up	165135	N.L.

Notes

CVT

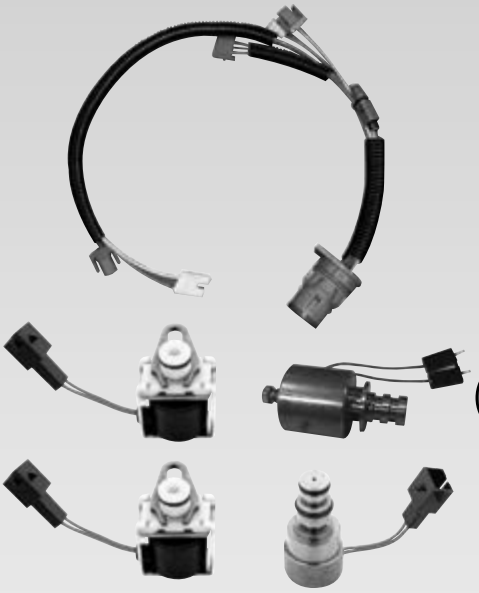
ILL.		QTY.	YEAR	PART No.	REF. No.
	MASTER OVERHAUL KITS (WITH STEELS)				
006	Mini Cooper (VT1)	1	02-08	33006M	N.L.
	LESS STEEL KITS				
004	Mini Cooper (VT1)	1	02-08	33004M	N.L.
	OVERHAUL KITS (W/ RINGS & SEALS)				
002	Ford (CFT23)	1	02-Up	33002LC	N.L.
002	Subaru Justy (ECVT)	1	89-94	33002AF	N.L.
002	Nissan Micra (ECVT)	1	95-99	33002AF	N.L.
002	Nissan Micra (RE0F21A)	1	00-Up	33002D	N.L.
002	Nissan Primera (RE0F06A)	1	96-Up	33002E	N.L.
002	Mitsubishi (F1C1)	1	01-Up	33002K	N.L.
002	Mini Cooper (VT1)	1	02-08	33002M	N.L.
002	Versa (RE0F08A, JF009E)	1	07-Up	33002T	N.L.
	FILTERS				
010	Ford (CFT23) (.290” Pick Up)	1	02-Up	33010LC	N.L.
010	Ford (CFT23) (.500” Pick Up)	1	02-Up	33010LD	N.L.
010	Ford (Europe)	1	02-Up	33010H	N.L.
010	Subaru Justy (ECVT)	1	89-94	33010A	N.L.
010	Nissan Micra (ECVT)	1	95-99	33010AF	N.L.
010	Nissan Micra (RE0F21A)	1	00-Up	33010D	N.L.
010	Nissan Primera (RE0F06A)	1	96-Up	33010E	N.L.
010	Mitsubishi (F1C1)	1	01-Up	33010K	N.L.
010	Mini Cooper (VT1)	1	02-08	33010M	N.L.
011	Mini Cooper (VT1) (Filter Kit)	1	02-08	33011M	N.L.
010	Versa (RE0F08A, JF009E)	1	07-Up	33010T	N.L.
011	Versa (RE0F08A, JF009E) (Filter Kit)	1	07-Up	33011T	N.L.
	MISCELLANEOUS COMPONENTS				
070	Seal, Converter (CFT23, CFT30)	1	02-Up	33070L	N.L.
076	Seal, Axle (Right) (CFT23) (Ford)	1	02-Up	33076LC	N.L.
076	Seal, Axle (Right) (CFT30) (Exc. Awd)	1	05-Up	33076L	N.L.
076	Seal, Axle (Right) (CFT30) (Awd)	1	05-Up	33076LA	N.L.
077	Seal, Axle (Left) (CFT23) (Ford)	1	02-Up	33077LC	N.L.
077	Seal, Axle (Left) (CFT30)	1	05-Up	33077L	N.L.
108	Friction, Forward & Reverse, Mini Cooper (VT1)	6	02-08	33108M	N.L.
128	Steel, Forward & Reverse, Mini Cooper (VT1)	6	02-08	33128M	N.L.
300	Pan Gasket, Subaru Justy (ECVT)	1	89-94	33300A	N.L.
300	Pan Gasket, Mitsubishi (F1C1)	1	01-Up	33300K	N.L.
300	Pan Gasket, Mini Cooper (VT1)	1	02-08	33300M	N.L.
300	Pan Gasket, Versa (RE0F08A, JF009E)	1	07-Up	33300T	N.L.
500	Pump Assembly, ZF CVT (Incl. Input Shaft)	1	02-08	33500M	482635
584	Planet Kit, ZF CVT (Output Incl. Planet & Ring Gear)	1	02-08	33584MK	482209
700	Drive Belt, Nissan Primera (RE0F06A)	1	96-Up	33700E	N.L.
700	Drive Belt, ZF CVT	1	02-08	33700M	482651
711	Drive Pulley, ZF CVT	1	02-08	33711M	482731
712	Driven Pulley, ZF CVT (Secondary)	1	02-08	33712M	481947
715	Differential Assembly, ZF CVT	1	02-08	33715M	482491
740	Valve Body, ZF CVT (Mini Cooper)	1	02-08	33740M	482003
740	Valve Body, ZF CVT (Mini Cooper) (Premium)	1	02-08	P33740M-1	N.L.
765	Oil Pan, ZF CVT	1	02-08	33765M	482444
765	Selector, Subaru Justy (ECVT)	1	89-94	33830A	N.L.
836	Synchro Ring, Reverse, Subaru Justy (ECVT)	1	89-94	33836A	N.L.
840	Shift Fork, Selector, Subaru Justy (ECVT)	1	89-94	33840A	N.L.

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Solenoid Master Kits

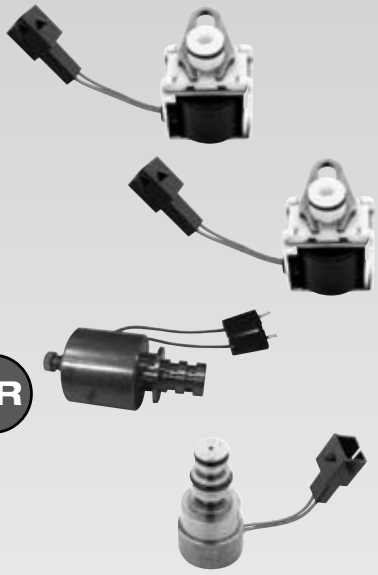
MASTER KIT WITH HARNESS



MS 4L80E-H

OR

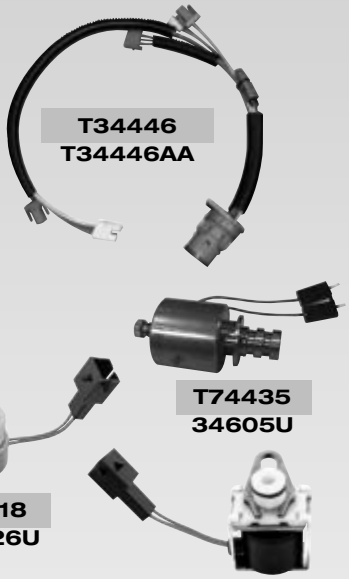
SOLENOID KIT



34420K MS 4L80E

OR

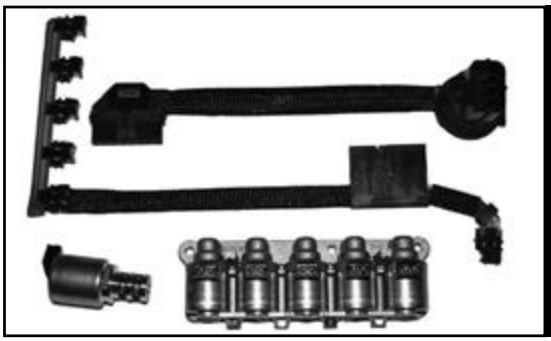
INDIVIDUAL ITEMS
(Following Pages)



T34421 K34825U

UNIT	TECKPAK PRODUCTS (4L60E)	TRANSTAR NO.	TECKPAK NO.
4L60E	GM 4L60E Solenoid Master Kit (92-95) including 2xShift 1xEPC 1xLockup 2xPWM	74420K	MS-4L60E
4L60E	GM 4L60E Solenoid Master Kit (96-03) including 2xShift 1xEPC 1xLockup 2xPWM	74420AK	MS-4L60E-96
	TECKPAK PRODUCTS (4L80E)		
4L80E	GM 4L80E Solenoid Master Kit (93-03) including 2xShift 1xEPC 1xPWM	34420K	MS-4L80E
	TECKPAK PRODUCTS (4T60E)		
4T60E	GM 4T60E Solenoid Master Kit (92-98) including 3xShift 1xPWM	84420K	MS-4T60E
	TECKPAK PRODUCTS (A4LD)		
A4LD	FORD A4LD Solenoid Master Kit (87-95) including 1x3-4 1xLockup	56402K	MS-A4LD
	TECKPAK PRODUCTS (MITSUBISHI F4, W4, A4)		
A4AF3	KM A4AF3, A4BF2 Solenoid Master Kit (00-11) Six Solenoids on a Harness	42420LB	MS-KM-A4AF3
A4CF1/2	KM A4CF1, A4CF2 Solenoid Master Kit (07-14) 1xShift Pack 1xVFS 2xHarness	T82420G	MS-KM-A4CF1/2
	TECKPAK PRODUCTS (F4F41/51, F5A42/51)		
F4A41/51	KM F4A41/F4A42 F4A51 Solenoid Master Kit (96-04) 5xShift 1xHarness 1xTOT	T82420A	MS-KM-40/50-H
F5A51	KM F5A51 Solenoid Master Kit (01-04) Hyundia Only 6xShift 1xHarness 1xTOT	T82420B	MS-KM-40/50-01-H
F4A41/51	KM F4A41/42/51 F4A4B Solenoid Master Kit(05-10) 5xShift 1xVFS 1xHarness 1xTOT	T82420C	MS-KM-F4A41-05-H
F5A51	KM F5A51 A5HF1 Solenoid Master Kit (05-14) 6xShift 1xVFS 1x Harness 1xTOT	T82420E	MS-KM-F5A51-05-H
	TECKPAK PRODUCT (ZF4HP22)		
ZF4HP22	ZF4HP22 Solenoid Master Kit (84-00) 4xShift 1xEPC	69420K	MS-ZFHP22

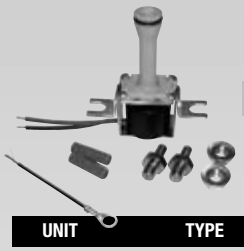
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MS A4CF1/2-H
Fits '06-Up A4CF1/2
Kit Includes:
Solenoid Pack T131420A
VFS Solenoid T131428A
Wire Harness T131446A
Case Connector w/built-in TOT T131444A

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Solenoids



ON/OFF SOLENOIDS
T54425B
K77929U



PWM SOLENOIDS
T34418
K34326U



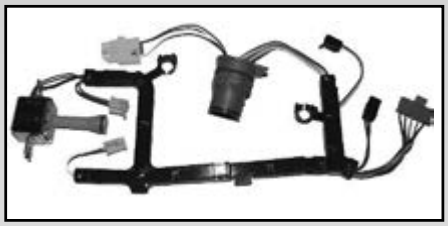
VFS/EPC SOLENOIDS
T82431
T41435A

UNIT	TYPE	TECKPAK PRODUCTS (125C)	TRANSTAR NO.	TECKPAK NO.
125C	On-Off	GM 125 Lock Up (80-01)	T84425	K84856U
		TECKPAK PRODUCTS (200C)		
200C	On-Off	GM 200C Lock Up (76-87)	T84425	K84856U
		TECKPAK PRODUCTS (200-4R)		
200-4R	On-Off	GM 200-4R Lock Up (81-90)	T54425B	K77929U
		TECKPAK PRODUCTS (325-4L)		
325-4L	On-Off	GM 325-4L Lock Up (82-85)	T84425	K84856U
		TECKPAK PRODUCT (4L60E, 700-R4)		
700-R4/4L60E	On-Off	GM 700-R4 / 4L60E Lock Up (82-91)	T54425B	K77929U
4L60E	On-Off	GM 4L60E Shift (93-06)	T84421	K84825U
4L60E	PWM	GM PWM (93-06)	T34418	K34326U
4L60E	On-Off	GM 3-2 Downshift (96-06)	T74418EA	K77926
4L60E	EPC/VFS	GM 4L60E EPC (93-02) Adjustable	T74435	34605U
		TECKPAK PRODUCT (4L80E)		
4L80E	On-Off	GM 4L80E Shift (92-06)	T34421	K34825U
4L80E	PWM	GM 4L80E PWM (92-06)	T34418	K34326U
4L80E	EPC/VFS	GM 4L80E EPC (92-06) Adjustable	T84418A	34605U
		TECKPAK PRODUCT (4T60E, 440-T4)		
440-T4	On-Off	GM 440-T4 Lock Up (84-92)	T84425	K84856U
4T60E	On-Off	GM 4T60E Shift (93-99)	T84421	K84825U
4T60E	PWM	GM 4T60E PWM (93-99)	T84418A	K84858
		TECKPAK PRODUCT (4R44E)		
4R44E	On-Off	FORD 4R44E Shift/Coast (95-11)	T56421B	56841U
		TECKPAK PRODUCT (A4LD)		
A4LD	On-Off	FORD A4LD Lock Up (85-95)	T56425	K56836
A4LD	On-Off	FORD A4LD 3-4 Shift (87-95)	T56423	K56836A-B
		TECKPAK PRODUCT (AODE)		
AODE	On-Off	FORD AODE Dual Shift (92-97)	T76420	76919
AODE	PWM	FORD AODE MCCC (92-95)	T76425	76918
AODE	PWM	FORD AODE MCCC (95-97)	T76425BA	76921
		TECKPAK PRODUCT (AXOD, AXODE,AX4S)		
AXOD	On-Off	FORD AXOD Lock Up (86-91)	T86425	96951U
AXODE	On-Off	FORD AXODE/AX4S Shift (91-04)	T86420	96953U
AXODE	PWM	FORD AXODE/AX4S MCCC (91-97)	T86425B	96952
AX4S	PWM	FORD AX4S MCCC (98-04)	86425H	96954
		TECKPAK PRODUCT (AX4N)		
AX4N	On-Off	FORD AX4N Shift (95-07)	T86420	96953U
AX4N	PWM	FORD AX4N MCCC (95-96)	T86425B	96952
AX4N	PWM	FORD AX4N MCCC (97-07)	86425H	96954
		TECKPAK PRODUCT (F4, W4, A4)		
A4CF1/2	On-Off	KM Solenoid 5 Pack (06 Up)	82420D	T131420A
A4CF1/2	EPC/VFS	KM A4CF1/2 VFS (06 Up)	T82421D	T131428A
		TECKPAK PRODUCT (F4A41/51, F5A42/51, F4A4B,F4A5A)		
All	On-Off	KM F4A41/51, F5A42/51, F4A4B, F4A5A (98 UP) All except VFS	T82421	K41954
All	EPC/VFS	KM f4A41/51, F5A42/51, F4A4B, F4A5A VFS(05 Up)	T82431	T41435A
		TECKPAK (ZF4HP22)		
ZF4HP22	On-Off	ZF4HP22 Shift (88-94)	T69421	82836
ZF4HP22	EPC/VFS	ZF4HP22 EPC (88-94)	T69431	82840

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T74425NC K77929H

SENSORS



T82438 T41438

MISC. ELECTRONICS





T34446UC 34446UC

UNIT	TYPE	TECKPAK PRODUCTS (4L60E)	TRANSTAR NO.	TECKPAK NO.
4L60E	Harness	GM 4L60E Internal Wiring Harness (Early & Late) 13 Pin	T74425NC	K77929H
4L60E	Accessory	GM 4L60E Harness Repair Clips	T34446UC	34446UC
		TECKPAK PRODUCTS (4L80E)		
4L80E	Harness	GM 4L80E Internal Wiring Harness (93-02) 11 Pin	T34446	T34446AA
4L80E	Accessory	GM 4L80E Harness Repair Clips	T34446UC	34446UC
		TECKPAK PRODUCTS (4T60E)		
4T60E	Harness	GM 4T60E Internal Wiring Harness (93-99) 7 Pin	T84446EC	T84446EC
4T60E		GM 4T60E Harness Repair Clips	T34446UC	34446UC
		TECKPAK PRODUCTS (4T65E)		
4T65E	Harness	GM 4T65E Internal Wiring Harness (94-02) 14 Pin	T84446HB	T84446G
4T65E		GM 4T65E Harness Repair Clips	T34446UC	34446UC
		TECKPAK PRODUCTS (A4LD)		
A4LD		FORD A4LD Internal Harness (87-95) 3 Pin	T56444A	56837B
		TECKPAK PRODUCTS (AODE / 4R70W)		
AODE		FORD AODE Harness Repair Clips	T76446UC	76446UC
4R70W		FORD 4R70W Harness Repair Clips	T76446UC	76446UC
		TECKPAK PRODUCTS (AX4S/N)		
AX4S/N		FORD AX4S/N Harness Repair Clips	T76446UC	76446UC
		TECKPAK PRODUCTS (MITSUBISHI F4, W4, A4)		
A4CF1/2	Harness	KM A4CF1/2 Internal Harness with Case Connector (06 up)	A82444D	T131444A
A4CF1/2	Harness	KM A4CF1/2 Internal Harness with Solenoid Connector (06 up)	A82446D	T131446A
F4A23/KM-178	Sensor	KM F4A23/KM-178 Pulse Generator Input & Output (92-98) Blue Tape	T42436G	T42436G
F4A32/A4BF1/2	Sensor	KM F4A32 / A4BF1/2 Pulse Generator Input & Output (96-02) Red Tape	T42436LB	T42436LB
F4A33/W4A33	Sensor	KM F4A32/W4A33 Pulse Generator Input & Output (95-98) Orange Tape	T42436LB	T42436M
F4A21/KM-175	Sensor	KM F4A21/22 KM-175/176/177 Pulse Generater Input & Output (90-98) White Tape	T42436P	T42436P
F4A21/KM-175	Sensor	KM F4A21/22 KM-175-176 Temperature Sensor (85-98)	D42437J	42437J
F4A32/A4BF1/2	Sensor	KM F4A32 A4AF1/2 A4BF2/3 Temperature Sensor (93-02)	T42437L	42437L
F4A33/W4A33	Sensor	KM F4A33 W4A33 Temperature Sensor(95-98)	AD86437	42437M
A4AF3	Accessory	KM A4AF3 Neutral Safety Switch (01-11) 11 Pin	T42410L	T42410L
		TECKPAK PRODUCTS (F4F41/51, F5A42/51)		
F4A41/51	Harness	KM F4A41/51 Internal Harness (96-04) with TOT	T82446A	K41954HE
F5A42/51	Harness	KM F5A42/51 Internal Harness (00-04)	T82446C	K41954HL
F4A41/F4A4B	Harness	KM F4A41/51 F4A4B Internal Harness (05-11)	T82446B	T41446AC
F5A51/A5HF1	Harness	KM F5A42/51 A5HF1 Internal Harness (05-11)	T82446D	T41446CA
F4A41/F5A51	Sensor	KM F4A41/51 F4A4B F5A42/51 A5HF1 Output Pulse Generator (98-08)	T82436	T41436
F4A41/F5A51	Sensor	KM F4A41/51 F4A4B F5A42/51 A5HF1 Input Pulse Generator (98-08)	T82438	T41438
F4A41/F5A51	Sensor	KM F4A41/51 F5A42/51 Temperature Sensor (96-04)	T82437	41437A
A5HF1	Sensor	KM A5HF1 Speed Sensor	TPT42436N	T51436A
F4/W4	Accessory	KM F4A41/42/51, W4A42 (98-08) 12 Pin	T82410	K42954SW

REQUEST THE BEST!
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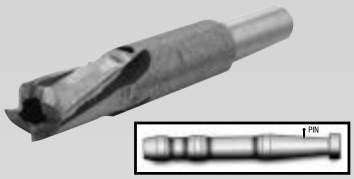
Specialty Tools

GENERAL MOTORS



T350-301

FORD



T-9183 TK-56-RTD

CHRYSLER



T604-306

UNIT	TECKPAK PRODUCTS (200/200C/200-4R)	TRANSTAR NO.	TECKPAK NO.
All 200	GM 200/200C/200-4R Pump Bushing Driver	T700-309	T700-309
	TECKPAK PRODUCT (350/350C)		
350	GM 350/350C Case Bushing Driver	T700-310	T700-310
350	GM 350/350C Case Dowel Pin Repair Kit w/ Replacement Bushing	T-350-301	T350-301
350	GM 350/350C Yoke Seal Installer w/ Yoke Seals	T44075K	KT3507
	TECKPAK PRODUCT (400)		
400	GM 400 Case Dowel Pin Repair Kit w/ Replacement Bushing	T-350-301	T350-301
	TECKPAK PRODUCT (700/4L60E)		
700-R4/4L60E	GM 700/4L60E Pump Bushing Driver	T700-309	T700-309
700-R4/4L60E	GM 700/4l60E Case Bushing Driver	T700-310	T700-310
700-R4/4L60E	GM 700/4L60E Yoke Seal Installer w/ Yoke Seals	T44075K	KT3507
700-4R	GM 700-4R Capsule Remover	T-700-307	T700-307
700-4R	GM 700-4R Capsule Driver	T-700-308	T700-308
700-4R/4L60E	GM 700-4R/ 4L60E Slide Hammer Adapter to pull Metric Pumps	T700-311	T700-311
4L60E	GM 4L60E Internal Harness Remover	T-TGM-HR	TGM-HR
	TECKPAK PRODUCT (4L80E)		
4L80E	GM 4L80E Internal Harness Remover	T-TGM-HR	TGM-HR
4L80E	GM 4L80E Case Dowel Pin Repair Kit w/ Repair Bushing	T-350-301	T350-301
	TECTECKPAK PRODUCT (440-T4/ 4T60E/4T65)		
440-T4	GM 440-T4 Servo Capsule Remover	T440-308	T440-308
440-T4	GM 440-T4 Internal Filter Seal Puller	SM-131	SM-131
440-T4	GM 440-T4 Internal 1-2 Servo Pipe Seal Puller	SM-132	SM-132
440-T4	GM 440-T4 Internal Broken Filter Neck Puller	SM-133	SM-133
4T65E	GM 4T65 Lever Arm Retaining Pin Puller	T4T65-326	T4T65-326
	TECKPAK PRODUCT (6T70 6T75 6F40/45/50/55)		
6T70 6F55	GM 6T70/6T70 FORD 6F40/45/50/55 Lever Arm Retaining Pin Puller	T4T65-326	T4T65-326
	TECKPAK PRODUCT (A4LD/ 4R44/ 4R55)		
A4LD/4R44	FORD A4LD/ 4R44/ 4R55 Shift Linkage Pin Removal Kit w/ Pins	T-9183	TK-56-RTD
	TECKPAK PRODUCT (AOD/AODE/4R70W)		
AOD	FORD AOD Shift Valve Bore Sealing Tool	T760	T760
AOD	FORD AOD Yoke Seal Installer w/ Yoke Seals	T44075K	KT3507
AOD/AODE	FORD AOD/AODE/4R70W Shift Linkage Pin Removal Kit w/ Pins	T-9183	TK-56-RTD
	TECKPAK PRODUCT (AXOD/ AXODE/AX4S/AX4N)		
AXODE/AX4N	FORD AXODE/AX4S/AX4N 98 up Ball Joint Removal Tool	TFD-BJR	TFD-BJR
	TECKPAK PRODUCT (C4/C5/C6)		
C4/C5/C6	FORD C4/C5/C6 Modulator Adustment Pin w/ Replacement Pins	26164K	T-0162MP
	TECKPAK PRODUCT (A404-A604)		
A404/A604	CHRYSLER A404-A604 Carrier Bearing Remover	T604-305	T604-305
A404/A604	CHRYSLER A404-A604 Carrier Bearing Remover and Installer	T-604-306	T604-306
Tool	**TECKPAK TOOL SERVICE PART**		
T350-301	Replacement Dowel Pin Sleeves	SM-134	SM-134
KT3507	Replacement Yoke Seals	T44075K	35746YS
TK-56-RTD	Replacement 3MM Pins	T-9183-1	P56 Pin 3MM
TK-56-RTD	Replacement 1/8 inch Pins	T-9183-2	P56 PIN 1/8IN

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Automatic Solutions

BEARINGS *THAT KEEP YOU ROLLING!*



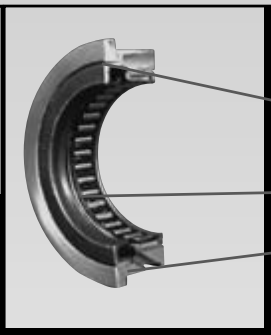
GM
T64275
75125LRB
AUTOMATIC:125-125C, (3-speed) left & right side, 440-T4, (4-speed) right side only. STICK: SAGINAW 4-speed & 5TM40 5-speed both left & right side, '80-UP. Replacement seal: **TC-1.375**

GM
T84275
84125LB
AUTOMATIC: 440-T4 (4-speed) left side only, '85-UP. Replacement seal: **TC-1.375**

FORD
T66275
86125LRB
AUTOMATIC & STICK: Escort '81-UP, Topaz & Tempo, '85-UP, Taurus & Sable, '86-UP, Lincoln Continental, '89-UP. Replacement seal: **16522**

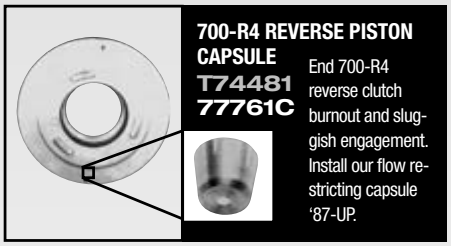
CHRYSLER
T32275
32125LRB
AUTOMATIC: A404, A413, A470, A604, A670, left & right side. **STICK:** A465, A525, A520, A555, '78-UP, A578, left & right side. Replacement seal: **330749**

CADILLAC
T94125LB
94125LB
AUTOMATIC: 4L80E Drivers side only
NOTE: Some machining is required
Replacement seal: **330749**

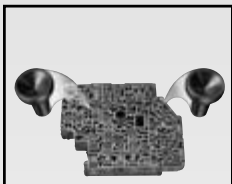


CHRYSLER BEARING & SEAL UNIT
Flange stop protects final drive bearing preset.
3,000 lb. load roller bearing.
Drain back guarantees full bearing lubrication.

THE "STABILIZER" AXLE SUPPORT BEARINGS
Seals sold separately.



700-R4 REVERSE PISTON CAPSULE
T74481
77761C
End 700-R4 reverse clutch burnout and slug-gish engagement. Install our flow re-stricting capsule '87-UP.



CONVERTER DRAIN BACK/ PRESSURE RELIEF CAPSULE
T96280
96280
AXODE / AX4S / AX4N For converter drain back and pressure release failures.



VALVE BODY PLATE BALL SEAT
VB-101
Save valve body separator plate from check ball damage. GM & FORD with 1/4" balls.



CASE SAVER
34270T
For TH-400, 3L80E, 4L80E. Save a spun out case with the 3-Tang Case Saver Washer!



TCC PUMP ORIFICE CAPSULE
T74507C-6
77831
For 4L60E '96-UP Prevents Lock-Up failure.

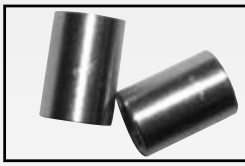


ANTI-CLUNK SPRING CENTER SUPPORT
T76639
76813
For AOD / AODE / 4R70W This spring is curved differently so it will not ride in same position in the case. Replaces the OEM spring / saves the center support.



SERVO EXTENDO PIN
Extend your servo pin length in seconds!

DET84908G	**T84908G** 4T65E (Forward Only)
T34913	400 and 4L80E Reverse
T84908	**84572E** 440-T4 (Both servos)
T74908	**77605E** 700-R4
T74908E	**77605G** 4L60E
T54908A	**65786E** 200-4R (early & late)
T86908	**96946E** AXODE (Low & intermediate)
T56913A	**56605E** A4LD (reverse only)



4R70W VALVE BODY ALIGNMENT PIN ADAPTER
A76741A-2
76821
Fits: 93-95 Old Style Case with late model, 96-Up Valve Body



CHRYSLER REVERSE PISTON PIN
T12913
Fits: Chrysler Rear Wheel Drive
Made of "STEEL"... NOT Aluminum



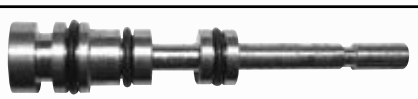
22072SS
22574SS
Shift lever sure seal for Chrysler transmissions fits 904, 727, 518, 618, 404, 417 & 470



T56034
5607SS
Shift lever sure seal for Ford Transmissions fits A4LD, AODE, AOD, 4R44, 4R55, 5R55, 4R70W & 4R100



SEAL SURE BUSHING
A. T54034A 65005SS -200, 200C, 350, 200-4R, 3254L, 700-R4, 4L60E.
B. T56034 56001SS -A4LD and C3. Prevents the front seal from pushing out of the pump by retaining the fluid in the pump.



A74741QC A74741QA Fits 00-02

4L60E TCC VALVE REPLACEMENT
P1870 Code Fix for 96-02 4L60E



A74741QB A74741Q Fits 96-99

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fitzall™ By: TeckPak USA

Transmission Accessories

UNIVERSAL TRANSMISSION FILLER TUBES & STICKS

ECONOMY



T44464
K35999U
Fits all 200, 200C, 200-4R, 350, 350C and 400 transmissions, deep or shallow pan.



T74494
K77999U
Fits most GM's 700-R4, 4L60, 4L60E, '95 and down, plus 2.8 and 4.3 V-6 S-10 applications.

HIGH PERFORMANCE



T44494U
K35999U-HP
Features lockdown top to eliminate stick blow-out!

Fits all 200, 200C, 200-4R, 350, 350C and 400 transmissions, deep or shallow pan.



T74494U
K77999U-HP
Features lockdown top to eliminate stick blow-out!

Fits most GM's 700-R4, 4L60, 4L60E, '95 and down, plus 2.8 and 4.3 V-6 S-10 applications.



FORD FILLER TUBE REPAIR END
T36494D
3999U
Fits Fords only.



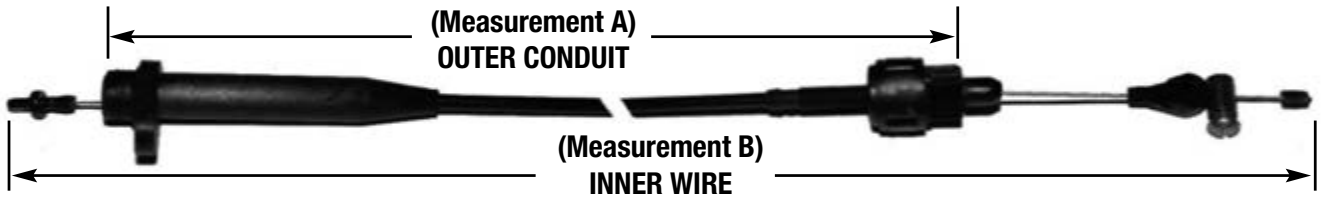
STEEL FILLER TUBE REPAIR END
T44494R
K35999R
Fits Ford, Chrysler & GM (with GM hat seal). Made of steel so it can be braised.



UNIVERSAL DUST COVER
M463D
K35803U
Fits over 90% of all GM rear wheel drive automatic transmissions, 1965 to 1995 car and light duty truck.

OEM-Style Detent Cables

Original equipment style detent cables.



Transtar #	Teckpak #	Make	Style	Lower	A	B	Upper	Transmission	Engine (in Liters)
T44450	K35951	GM	OEM	Small	39	44	M S	200 E 350 350C	4.1 4.4 5.0 5.7
T44450A	K35955B	GM	OEM	Small	34.5	41	P T	200 E 350 350C	3.2 3.8 4.4 5.0 5.7 6.6
T54450D	K35955OEM	GM	OEM	Small	39	48	P T	200 E 350 350C	
M463D	K35955U	GM	Universal	Small	23-39	48	M S & PT	200 E 350 350C	All except Late 2.5
T54450A	K65552	GM	OEM	Large	45.2	54	P T	125 200 200C 440 700	2.5E 2.8L
T64450A	K65553	GM	OEM	Large	52	58	P T	125	2.8L
94450	K65940U	GM	Universal	Large	23-44	54	P T	125 200 200C 325 440 700	All except Late 2.5
T54450B	K65950	GM	OEM	Large	26	31.5	P T	125 200 200C 325 440	1.6 1.8 2.0 2.5E 2.8 3.0 3.8
T74451J	K77975	GM	OEM	Large	29	31.5	Metal Bar	700	Late 2.5
T54450C	K77978	GM	OEM	Large	40	48	P T	200 200C 200-4R 325 700	2.0 2.8 3.8 4.3 5.0 5.7 6.2
T74451K	K77978SP	GM	OEM	Large	72	84	P T	700 Mech. Modulator	
T76450	T76497B	FORD	OEM	Snap On	49	58	P T	AOD (Truck or SUV) ONLY	4.0 5.0 5.7 6.6

Made in U.S.A.

Lower End			Upper end	
Small	350	0.458 inch Dia. Hole in Transmission	M S	Metal Carbarator Slide
Large	700	0.690 inch Dia. Hole in Transmission	P T	Plastic Teardrop
Snap On	AOD	Snaps onto Detent arm on Transmission	Metal Bar	Bar to Fit into Cam



Large GM Detent Cable Repair End
T74451C K77909U
Lower '80-UP 700-R4, 125C, 200, 200C, 200-4R, 440-T4 325, 325-4L



Small GM Detent Cable Repair End
T44451D K35909-1
Lower '69-'87 350 & some 200 cables



Cable End Upper
44451B
K35955CE



Cable End Lower
T57451 67999
BW, Asian Warner Volvo, Toyota, Jaguar, Z-F; '72-'97

Visit our website@www.teckpak-fitzall.com for updated product information & instructions

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fitzall™ By: TeckPak USA

COMING SOON! Metric Fittings in 10 & 12 MM

Automatic Cooler Line Fittings



M462FFK
CR-1001 5/16" Compression to Male 1/4" Pipe NPT
M462FGK
CR-1002 3/8" Compression to Male 1/4" Pipe NPT
M462FHK
CR-1007 1/2" Compression to Male 1/4" Pipe NPT



M462FIK
CR-1003 3/8" Hose Barb to Male 1/4" Pipe NPT
M462FK
CR-1004 5/16" Hose Barb to Male 1/4" Pipe NPT



M462FK
CR-1005 5/16" Union
M462FAK
CR-1006 3/8" Union
M462FBK
CR-1009 1/2" Union



CR-1008
Three Way Fitting for making parallel coolers with one line to the transmission and one each to the radiator cooler and the external cooler.



CR-1010 1/2" Compression to 3/8" Hose Barb
M462FE **CR-1011** 3/8" Compression to 3/8" Hose Barb
CR-1015 5/16" Compression to 5/16" Hose Barb
M462FJK **CR-1017** 1/2" Compression to 1/2" Hose Barb



A36761C
CR-1012 5/16" Compression Union with One Way Valve
A36761D
CR-1014 3/8" Compression Union with One Way Valve
A36761E
CR-1016 1/2" Compression Union with One Way Valve

RADIATOR FITTINGS

FORD LATE METRIC



T16996XR
3/8" Push-In for V-6



T16996ZR
1/2" Push-In for V-8

CHRYSLER



TPT22996X
T22996X
1/2" Push-In for 47, 48RE



T22996Z
1/2" Screw In Line for '06-Up

GM COOLER LINE FITTINGS



T74996B
31284
4L60E
4L80E Front



A74996R
31284G
4L60E / 4L80E
Front Screw In Repair



CD31285
31285
4L80E
Rear Clip In



34996EB
31285G
4L80E Rear
Screw In Repair



T121996B
116996L
Allison '03-Up
5/8" Line



T121996C
116996EL
Allison Adapter Early Bellhousing to '03-Up Bellhousing



T34996GA
4L70E / 4L85E
Front Push In



T34996HA
4L70E / 4L85E
Front Screw In



34996EA
T34996G
4L85E
Rear Push In



34996EB
T34996H
4L85E Rear
Screw In Repair

FORD COOLER LINE FITTINGS



T76996
FS-190
11/16"



T56996
FS-200
13/16"
5/16" Line



T86996
FS-210
11/16"



86996H
96289
13/16"
3/8" Line



T86996BR
Case Repair Fitting
3/8" Line

CHRYSLER COOLER LINE FITTINGS



T22996A
12289
3/8" Push In



D22996C
T22996D
Late 48RE
1/2" Screw IN



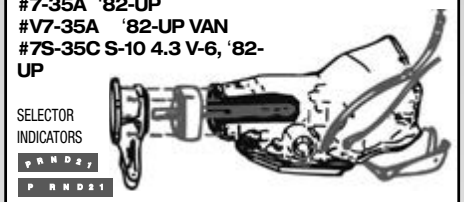
T22996B
31117C)
1/2" Push IN

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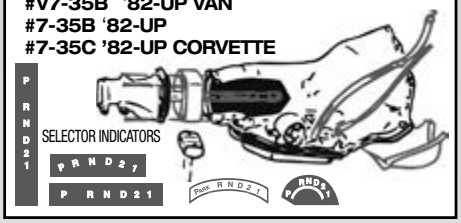
fitzall™ By: TeckPak USA

Transmission Conversion Switch Kits

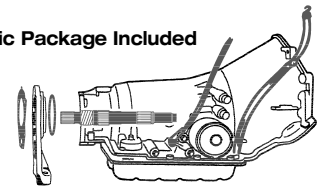
4x4 700-R4 to 350 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#7-35A '82-UP
#V7-35A '82-UP VAN
#7S-35C S-10 4.3 V-6, '82-UP



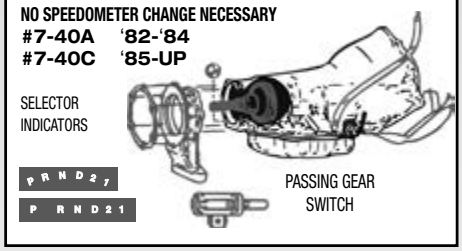
4x2 700-R4 to 350 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#V7-35B '82-UP VAN
#7-35B '82-UP
#7-35C '82-UP CORVETTE



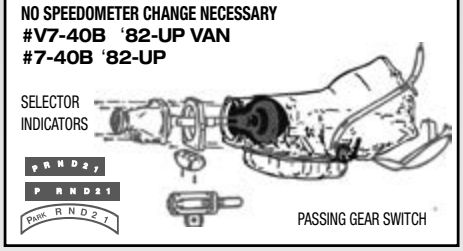
4x4 350 to 700-R4
203 Transfer case
#3-70A
Electronic Package Included



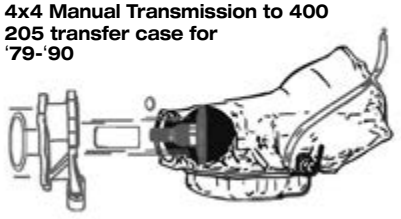
4x4 700-R4 to 400 V-8
NO SPEEDOMETER CHANGE NECESSARY
#7-40A '82-'84
#7-40C '85-UP



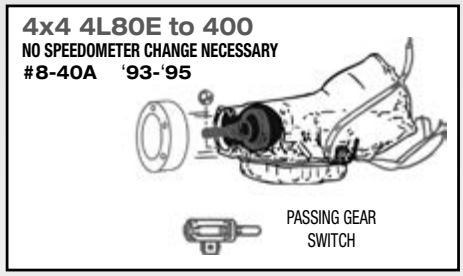
4x2 700-R4 to 400 V-8 and V-6 4.3
NO SPEEDOMETER CHANGE NECESSARY
#V7-40B '82-UP VAN
#7-40B '82-UP

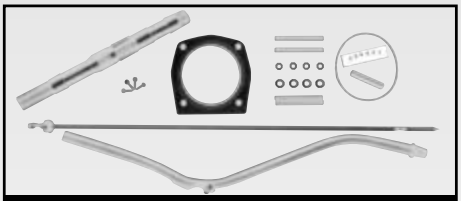


3-40C
4x4 Manual Transmission to 400
205 transfer case for '79-'90



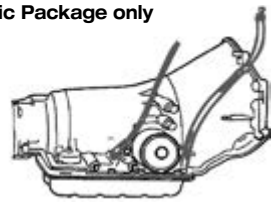
4x4 4L80E to 400
NO SPEEDOMETER CHANGE NECESSARY
#8-40A '93-'95

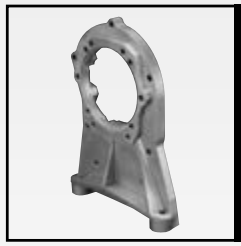




TRANS SWAP SWITCH KIT
S-350-2 (4X2)
S-350-4 (4X4)

4x2 350 to 700-R4 V-8 and V-6
Electronic Package only
#3-70B





3-40AB
4x4 350 & 400
V-8 & V-6, 203 transfer case adapter
(4-wheel drive).



QUICK SWAP SWITCH KIT
7Q-35A (4X4)
7Q-35B (4X2)

FOR KITS BELOW: Remove 700-R4, 200-4R, 200C and replace with easy to install 350 or 400.

4x4 700-R4 to 350 V-8 and V-6 4.3
Part #7-35A, '82-Up **#V7-35A**, '82-Up Van
Part #7S-35C, S-10 4.3 V-6, '82-up

4x2 700-R4 to 350 V-8 and V-6 4.3
Part #V7-35B, '82-Up Van **#7-35B,** '82-Up
#7-35C, '82-Up Corvette

200C to 350 V-8 **Part #2-35B**, '82-'83 only

200-4R to 350 V-8 **Part #2R-35A**, '81-Up

4x4 700-R4 to 400 V8
Part #7-40A, '82-'84 **#7-40C,** '85-Up

4x2 700-R4 to 400
Part #V7-40B, V-8 and V-6 4.3, '82-Up Van
Part #7-40B, '82-Up

4X4 700-R4 to 350
V-6 2.8 and only V-6 **Part #7S-35A,** '83-Up 4.3, Full size kit

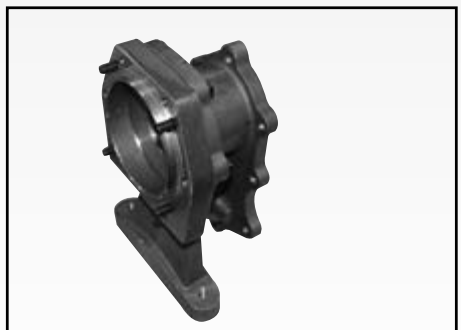
4x4 Manual to 400
Part #3-40C, 205 transfer case for '79-'90.

4x2 700-R4 to 350 V-6 2.8 only
Part #7S-35B, '82-Up, V-6 4.3, Full size kit

4x2 200C to 350 V-6 2.8 only
Part #2S-35B, '82-'83
For Kits Below: Remove 350 & replace with easy to install 700-R4

4x4 350 to 700-R4 V-8 and V-6
Part #3-70A, 203 transfer case (Elec. Pack. Incl.)

4x2 350 to 700-R4 V-8 and V-6
Part #3-70B Electronic package only



4x4 700 to Manual 205
Transfer Case Adapter Block
3-70CB



MECHANICAL MODULATOR
T34160
40M
The Teckpak Mechanical Modulator is designed to take the place of the vacuum and vacuum modulator on all 700-R4 to 400 6.2 diesel switch-overs.



MECHANICAL MODULATOR
C6M The Teckpak Mechanical Modulator is a Ford version of our 40M. It fits your C-6 and FMX applications with low or no vacuum.

Shim Domestic Applications

Engine Size In Liters	GM Years	GM (FWD/RWD)	Ford Years	Ford RWD/FWD	Chrysler Years	Chrysler MITSUBISHI FWD/RWD	Jeep Years	Jeep
1.1								
1.2								
1.3								
1.3								
1.4					80-84 (6 Hole)	SY46-25,50		
1.5					86-94	SY46-25,50		
1.6			81-85	SM420-25,50	76-90	SY46-25,50		
1.7					78-82	X		
1.8					88-96	SY46-25,50		
1.8								
1.9			86-96	SF468-25,50,89-B				
2.0	82-89	SG628-25,50,89-B	71-89	SF468-25,50,89-B	78-90/94-04	SY46-25,50		
2.0	87-94 (HO)	SG643-25,50						
2.2	90-02	SG628-25,50,89-B	86-92	SM420-25,50	82-04	SY46-25,50	64-70	X
2.2								
2.3			74-97	SF468-25,50,89-B				
2.3	89-94	SG628-25,50,89-B	01 Up	SM420-25,50				
2.4	96-02	SG628-25,50,89-B			90-94/00-06	SY46-25,50	02 up	X
2.4								
2.5					86-02	SY46-25,50		
2.5	77-90	SG628-25,50,89-B	86-91/98-01	SF468-25,50,89-B			80-98	SG628-25,50,89-B
2.6					78-90	SY46-25,50		
2.7					02 up	SY46-25,50		
2.8	82-93	SG628-25,50,89-B					84-86	SG628-25,50,89-B
2.9			86-90	SF629-25,50				
3.0			86-97 (6hole)	SF468-25,50,89-B	88-94/02-04 (6 hole)	SY46-25,50		
3.0	82-88	SC857-25,50,89	98-08 (8hole)	SF340-25, 50	92-96 (8 hole)	X		
3.1	82-93	SG628-25,50,89-B						
3.2	62-67	SC857-25,50,89			04--06	X		
3.3	89-93	SC857-25,50,89			90 up	SY46-25,50		
3.4	91-97	SG628-25,50,89-B						
3.5					93 up	SY46-25,50		
3.7					60-86	SY852-25,50,89-B		
3.7					02 up	X	02 up	X
3.8	78-89	SG628-25,50,89-B	82-03	SF468-25,50,89-B	92 up	SY46-25,50	07 up	X
3.9	54-63	SC857-25,50,89	65-70	SF468-25,50,89-B	88-02	SY852-25,50,89-B		
4.0			90-97 (6 Hole)	SF629-25,50			88-06	SY852-25,50,89-B
4.0			98 UP (8 Hole)	SF340 25,50				
4.1	75-84	SC857-25,50,89	69-80	SF468-25,50,89-B				
4.2			97-07	SF468-25,50,89-B			72-90	X
4.3	98 up	SC866-25,50,89						
4.3	84-97	SG643-25,50						
4.6			91-97 (6 Hole)	SF468-25,50,89-B				
4.6			98 UP (8 Hole)	X				
4.7			63-68	SF468-25,50,89-B	00 Up	SY852-25,50,89-B	99	X
4.8	98 up	SC866-25,50,89						
4.9			65-96	SF468-25,50,89-B				
5.0	76-92	SC857-25,50,89	68-00	SF468-25,50,89-B			72-80	X
5.2					60-02	SY852-25,50,89-B		
5.3								
5.3	98 up	SC866-25,50,89						
5.4	62-69	SC857-25,50,89	97-99 (6 Hole)	SF468-25,50,89-B			66-70	X
5.4			99 Up (8 Hole)	X				
5.6					68-72	SY852-25,50,89-B		
5.7	67-04	SC857-25,50,89		SF460-25,50,89-B	04 up	SY810-25,50,89	68-70	X
5.8			69-91	SF468-25,50,89-B				
5.9			68-76	SF460-25,50,89-B	88-06 Diesel	SY810-25,50,89	72-84	SY852-25,50,89-B
5.9					72-04 (8 cyl Gas)	SY852-25,50,89-B		
6.0	70-81	SC857-25,50,89						
6.0	98 up	SC866-25,50,89	03 Up Diesel	X				
6.2	82-93 Diesel	SC857-25,50,89						
6.3					62-71	SY852-25,50,89-B		
6.4			61-75	SF460-25,50,89-B				
6.5	65-69	SC857-25,50,89			72-80	SY852-25,50,89-B		
6.5	93-01 Diesel	SC857-25,50,89						
6.6	70-72	SC857-25,50,89					74-78	X
6.6	98 up Diesel	SC866-25,50,89	68-79	X				
6.7	70-80	SC857-25,50,89						
6.8			97 Up (10 Cyl)	X				
6.9			83-88 Diesel	SF460-25,50,89-B				
7.0	66-69	SC857-25,50,89			68-71	X		
7.2					70-80	SY852-25,50,89-B		
7.3			92-03 Diesel	SF460-25,50,89-B				
7.4	70-97	SC857-25,50,89 (NOT 455)						
7.5			68-86	SF460-25,50,89-B				
8.0					92-02	SY810-25,50,89		
8.1	98-06	SC866-25,50,89						
8.3					04 up	SY810-25,50,89		

LEGEND: X = No shim available -25 = 0.025 inch thick -50 = 0.050 inch thick -89 = 0.089 inch thick

Shim Import Applications

Engine Size In Liters	Honda Years	Honda	Toyota Years	Toyota	Nissan Years	Nissan	Mazda Years	Mazda
1.1							70-82(Wankel)	X
1.2	73-79	SH40-25,50			72-90	SN418-25,50	70	SM420-25,50
1.3	81-87	SH40-25,50			74	SN418-25,50	74-78	SM420-25,50
1.3							84-92/04 up(Wankel)	X
1.4					76-82	SN418-25,50	80	SM420-25,50
1.5	75-00	SH40-25,50	80-04	ST46-25,50	80-84	SN418-25,50	82-84/96-98	SM420-25,50
1.6	76-00	SH40-25,50	72-97/90-97 Prizm,Sidekick	ST46-25,50	67-98	SN418-25,50	86-94	SM420-25,50
1.7	01-05	X			84-86	SN418-25,50		
1.8	79-85 (6 Hole)	SH40-25,50	80-94 (6 Hole)	ST46-25,50	74-88 (6 Hole)	SN418-25,50	78/90-04	SM420-25,50
1.8	06 up (8 Hole)	X	93-97Prizm & Vibe 94-07(8 Hole)	ST46-25,50-B	00 up (8 Hole)	X		
1.9			66-70	ST46-25,50				
2.0	84 up	X	72-88 (6 Hole)	ST46-25,50	74-00	SN418-25,50	94 up	SM420-25,50
2.0			86-04 (8 Hole)	ST46-25,50-B				
2.2	92 up	X	76-86 (6 Hole)	ST46-25,50	76-82	SN418-25,50	82-92	SM420-25,50
2.2			90--00 (8 Hole)	ST46-25,50-B				
2.3	92-02	X	70-72	ST46-25,50			94-96	SM420-25,50
2.3							02-08	SF468-25,50-B
2.4	03 up	X	80-94 (6 Hole)	ST46-25,50	70-02 (6 Hole)	SN418-25,50		
2.4			92-06 (8 Hole)	ST46-25,50-B	94-00 (8 Hole)	X		
2.5					84-94 (6 Hole)	SN418-25,50	94-02	SM420-25,50
2.5			88-90		00-06 (8 Hole)	X		
2.6	94-02	X	72-80	ST46-25,50	74	SN418-25,50	88-92	SM420-25,50
2.7			94 up	ST46-25,50-B				
2.8			80-88	ST46-25,50	76-82	SN418-25,50		
3.0	03 up	X	84-92 (6 Hole)	ST46-25,50	84-96 (6 Hole)	SN418-25,50	88-90	SM420-25,50
3.0			88-00 (8 Hole)	ST46-25,50-B	92-00 (V-6)	X	94 up(2 Piece)	X
3.2	94-02	X						
3.3					96-04	SN418-25,50		
3.4			97-04	ST46-25,50-B				
3.5					02-06	X		
3.9			68-74 (LandCruiser)	X				
4.0			06 up	ST46-25,50-B	06 up	X	92-96	SF629-25,50
4.0							98 Up	SF340-25,50
4.2			76-86 (LandCruiser)	X				

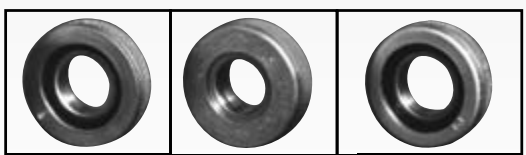
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SELF-ALIGNING PILOT BALL BEARINGS

Avoids input shaft replacement. Installs in new location on the worn shaft. Eliminates future shaft wear. Offers the smoothest shift ever.



BMW & TOYOTA PBT46HD | **CHEVY RWD ABOVE 4.0L GAS PBC57HD** | **FORD RWD ABOVE 4.6L GAS PBF50HD**



HONDA, DODGE MITSUBISHI PBH46HD | **ISUZU PICKUP, DODGE PBI46HD** | **MERCEDES, MAZDA, VOLVO PBM46HD**

INPUT SHAFT REPAIR KITS

Avoids input shaft replacement. Installs over the worn Input shaft.



BEFORE AFTER



KPBZ73HD
For ZF Transmissions 5-6 Speed w/ Ford 6.9 and 7.3 Diesel 3/4 and 1 ton only
PBZ73HD
(Sleeve & bearing only)



334670-6AK
KPBG53HD
For GM 4.3, 4.8, 5.3 & 6.0L Gas Engines 98 & Up w/ NP 3500 & 4500 Transmissions
334670-6A
PBG53HD
(Sleeve & bearing only)



334670-6K
KPBC66HD
For GM 6.6L Diesel & 8.1L Gas Engines 02 Up W/ ZF Transmissions.
334670-6
PBC66HD
(Sleeve & bearing only)



KPBG606HD
For GM 6.6 Duramax Diesel 98-02 W/ ZF Transmissions.
PBG606HD
(Sleeve & bearing only)

GAS DODGE INPUT SHAFT REPAIR KITS

Sleeve and Bearing Only



KPBD47HD / PBD47HD
3.9L / 4.7L - Early

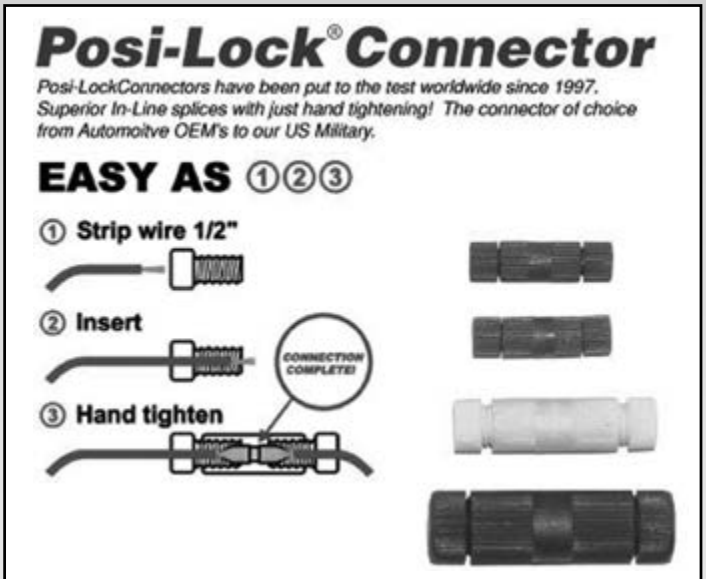


KPBD57HD / PBD57HD
4.7L/5.2L/5.9L - Late

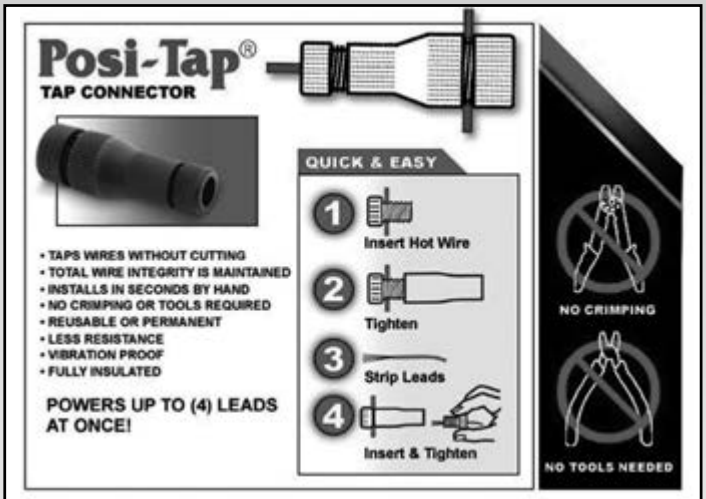
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Posi-Products®



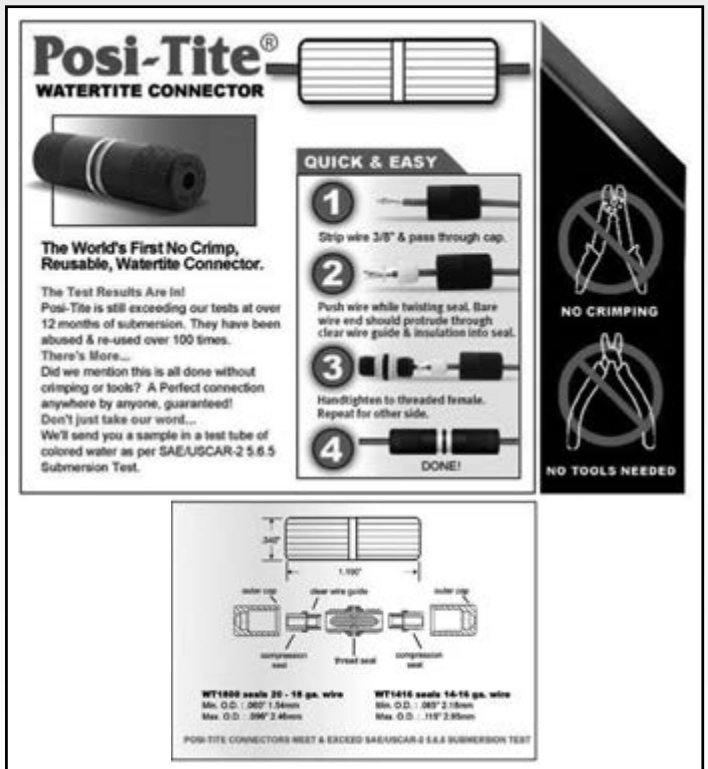
TYPE	TECKPAK PRODUCT	TRANSTAR#	TECKPAK#
Posi Lock	Connect 18-24 gauge wires at each end	PL1824-10	PL1824
Posi Lock	Connect 12-18 gauge wires at each end	PL1218-10	PL1218
Posi Lock	Connect 14-16 gauge wires at each end	PL1416-10	PL1416
Posi Lock	Connect 8-10 gauge wires at each end	CDPL0810	PL0810



TYPE	TECKPAK PRODUCT	TRANSTAR#	TECKPAK#
Posi Tap	Tap 20-22 gauge wire	PTA2022-10	PTA2022M
Posi Tap	Tap 16-18 gauge wire	PTA1618-10	PTA1618
Posi Tap	Tap 12-18 gauge wires	PTA1218-10	PTA1218
Posi Tap	Tap 10-12 gauge wire	PTA1012-10	PTA1012



TYPE	TECKPAK PRODUCT	TRANSTAR#	TECKPAK#
Posi Twist	Connect multiple 20-26 gauge wires	PT2026-20	PT2026
Posi Twist	Connect multiple 14-24 gauge wires	PT1424-20	PT1424
Posi Twist	Connect multiple 10-22 gauge wires	PT1022-20	PT1022



TYPE	TECKPAK PRODUCT	TRANSTAR#	TECKPAK#
Posi Tite	Connect 18-20 gauge wires at each end	WT1820-10	WT1820
Posi Tite	Connect 14-16 gauge wires at each end	WT1416-10	WT1416

Posi-Lock, Posi-Tap, Posi-Twist, Posi-Tite, are Registered Trademarks of Posi-Products.
ALL PRODUCTS ARE PATENTED 5,228,875 5,695,369 5,868,589 2,708,1556,568952 2,624,792 2,654,610 6,488,548B16,494,753B1 2,130,398 2,361,052 2,382,7322,481,667 6,358,103B1 2,275,493 2,570,4932,607,462 D478,555S 6,692,313 6,695,6532,840,505 6,796,863B1 6,814,630B1, 6,830,491Jap 2881414 Aus708700 729 018 761530Tia 103534 121365 152770 Can2.204.826 Mex200626 ChinaZL98805391.8 and others pending

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