

CHRYSLER A604 (40TE, 41TE-FWD) (41AE)

4 SPEED FWD (Full Electronic Control)

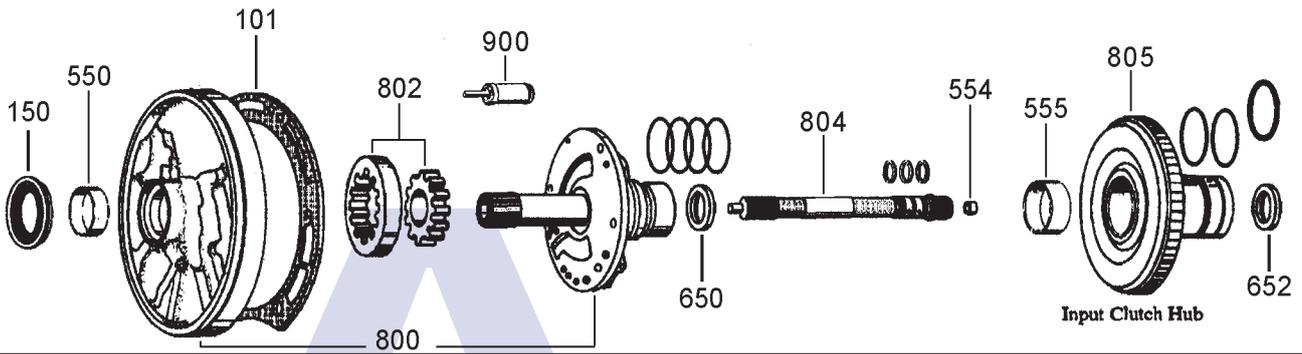


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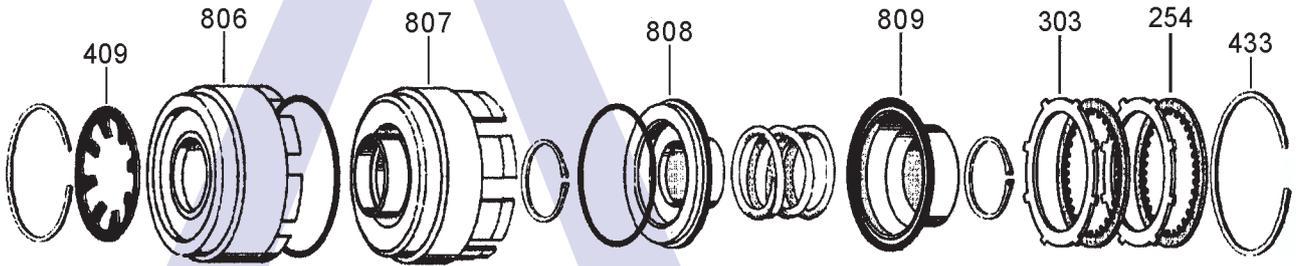
THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

A



Input Clutch Hub

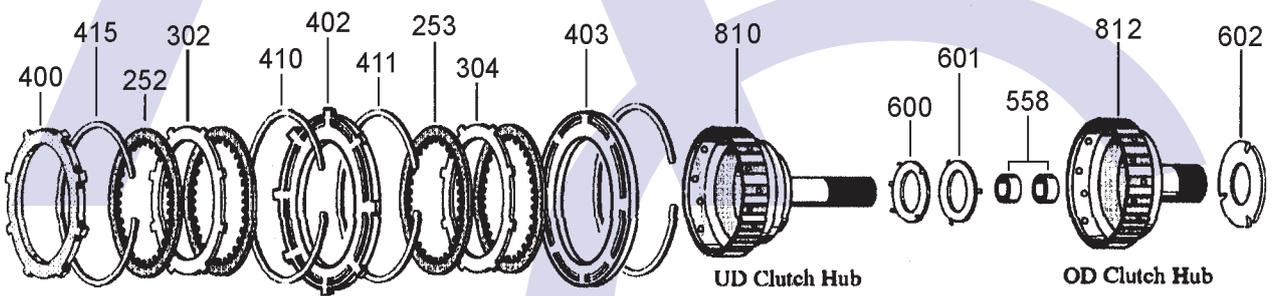
B



Piston Overdrive / Rev

Input Clutch Housing

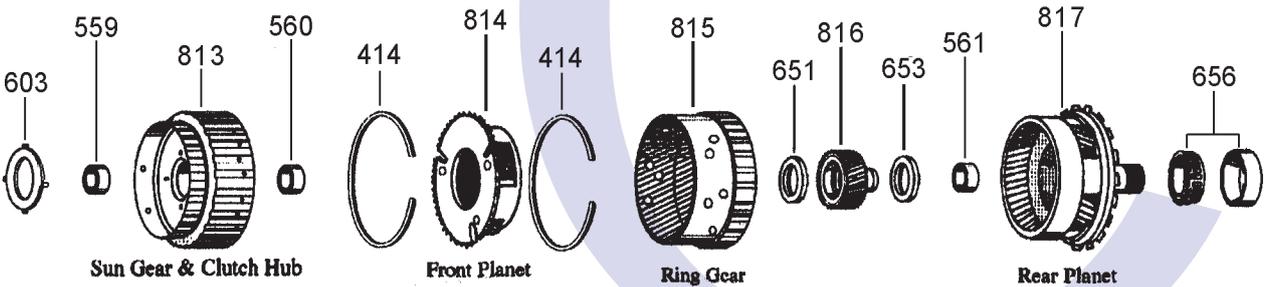
C



UD Clutch Hub

OD Clutch Hub

D



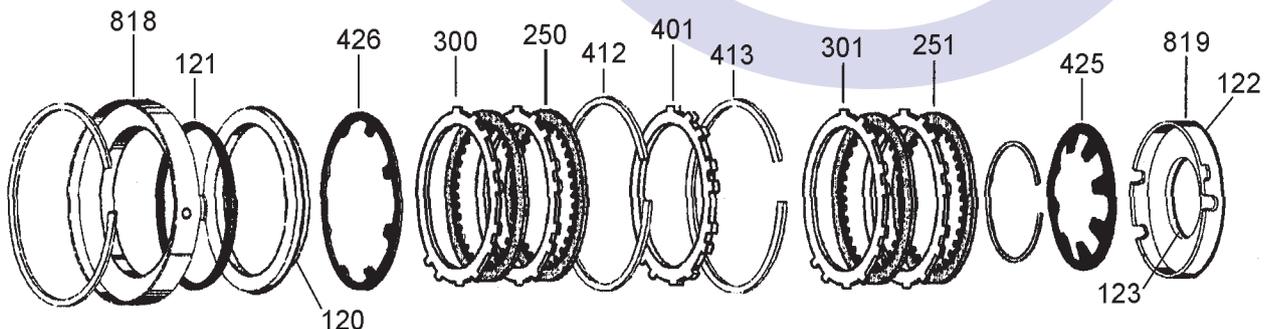
Sun Gear & Clutch Hub

Front Planet

Ring Gear

Rear Planet

E



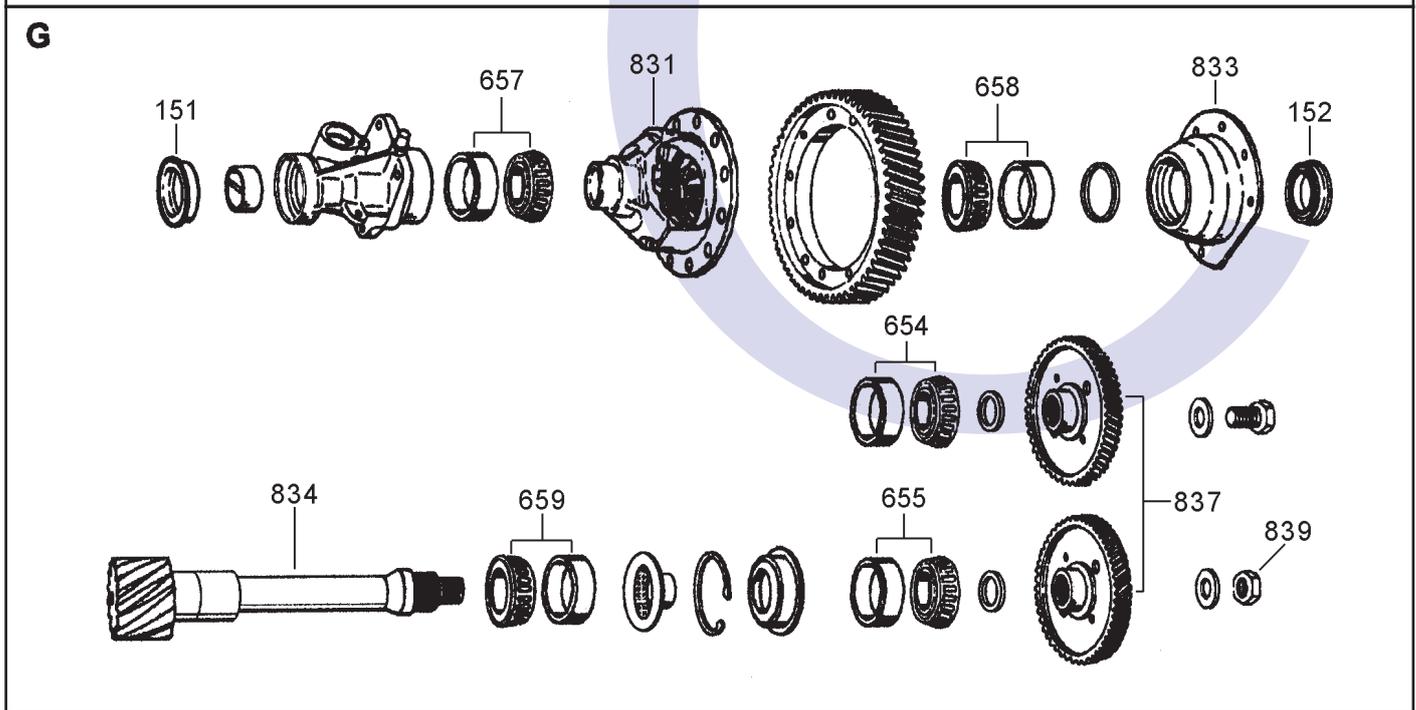
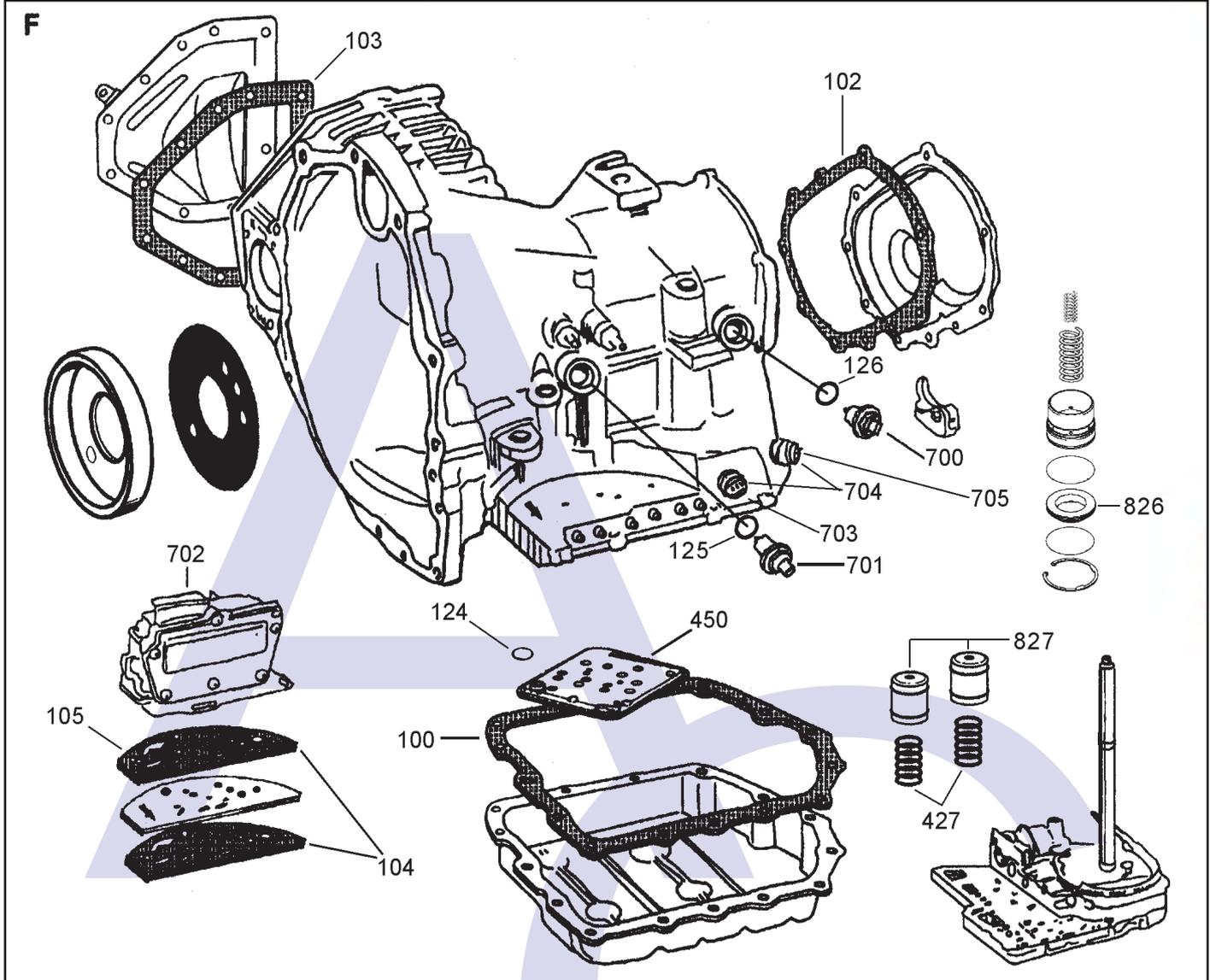
CHRYSLER A604 (40TE, 41TE-FWD) (41AE) 4 SPEED FWD (Full Electronic Control)



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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
KITS				
Kit	Super Overhaul Kit.....	90-ON	1	A604.SOHK01
Kit	Master Overhaul Kit.....	90-ON	1	A604.MOHK01
Kit	Overhaul Kit (Transtec).....	89-ON	1	A604.OHK01
Kit	Overhaul Kit (Precision).....	89-ON	1	A604.OHK51
Kit	Overhaul Kit 41TE (Transtec) (With Bonded Pistons, Duraprene Pan & Cover Gaskets).....	04-ON	1	A604.OHK02
Kit	Overhaul Kit 40TE (Transtec) (With Bonded Pistons, Duraprene Pan & Cover Gaskets).....	04-ON	1	A604.OHK04
<p>In the 2004 model year Chrysler introduced a light duty A604 with a designation of 40TE. This unit, as well as the more familiar 41TE, went to bonded pistons on the low/reverse and 2/4 clutch packs, as well as bonded accumulators and a bonded accumulator cover.</p>				
GASKETS				
100F	Pan Gasket (Cork 14 Bolt).....	89-ON	1	A604.GAS01
100F	Pan Gasket (Fibre 14 Bolt).....	89-ON	1	A604.GAS10
101A	Pump Gasket.....	89-ON	1	A604.GAS02
102F	Sprocket Cover (Fibre).....	89-ON	1	A604.GAS03
103F	Differential Cover (Fibre).....	89-ON	1	A604.GAS04
104F	Solenoid Gasket.....	88-99	2	A604.GAS05
105F	Solenoid Gasket.....	00-ON	1	A604.GAS06
RUBBER COMPONENTS				
120E	'D' Ring 2nd / 4th Piston Outer (2nd Design).....	89-ON	1	A604.OR01
121E	'D' Ring 2nd / 4th Piston Inner (2nd Design).....	89-ON	1	A604.OR02
122E	'D' Ring Low/Rev Piston Outer (2nd Design).....	89-ON	1	A604.OR03
123E	'D' Ring Low/Rev Piston Inner (2nd Design).....	89-ON	1	A604.OR04
124F	Filter 'O' Ring.....	89-ON	1	A604.OR05
125F	'O' Ring, Turbine Speed Sensor.....	89-ON	1	A604.OR06
126F	'O' Ring, Output Speed Sensor.....	89-ON	1	A604.OR06
NI	Pump Outer 'O' Ring.....	89-ON	1	A404.OR01
METAL CLAD SEALS				
150A	Front Pump Seal.....	89-ON	1	TF6.MCS01
151G	Differential Right Hand.....	89-ON	1	A404.MCS02
152G	Differential Left Hand.....	89-ON	1	A404.MCS02
NI	Bearing Retainer Seal AWD (57.15mm x 36.83mm x 7.62mm)	91-ON	2	A604.MCS02
NI	Sealing Washer (Neutral Safety Switch).....	89-ON	1	A604.THW17
SEALING RINGS				
Kit	Sealing Ring.....	89-ON	1	A604.SRK01
CLUTCH KITS				
Kit	Overdrive Clutch (Alto Power Pack).....	89-ON	1	A604.CK01
FRICION PLATES				
Kit	Friction Plate (Borg Warner).....	89-ON	1	A604.FRK01
Kit	Friction Plate (Raybestos).....	89-ON	1	A604.FRK02

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
FRICION PLATES Cont...				
Kit	Friction Plate (Alto).....	90-ON	1	A604.FRK51
Kit	Kevlar Friction Plate (Alto).....	90-ON	1	A604.FRK52
Kit	Friction Plate (Alto) Combo.....	90-ON	1	A604.FRK53
Kit	Overdrive Clutch (Alto Power Pack).....	89-ON	1	A604.CK01
250E	2nd & 4th Friction (154mm OD x 2.10mm x 31T) ..	89-ON	4	A604.FRP02
250E	2nd & 4th Friction (Raybestos) (154mm OD x 2.10mm x 31T) ..	89-ON	4	A604.FRP12
251E	Low / Reverse Friction (154mm OD x 1.80mm x 32T) ..	89-ON	5	A604.FRP03
251E	Low / Reverse Friction (Raybestos) (154mm OD x 1.80mm x 32T) ..	89-ON	5	A604.FRP13
252C	Overdrive Friction (138mm OD x 2.20mm x 27T) ..	1989	3	A604.FRP04
252C	Overdrive Friction (For Alto Power Pack) (138mm OD x 2.20mm x 27T) ..	1989	4	A604.FRP54
252C	Overdrive Friction (Alto Hi Performance) (138mm OD x 1.57mm x 27T) ..	1989	AR	A604.FRP61
252C	Overdrive Friction (138mm OD x 1.80mm x 28T) ..	90-ON	4	A604.FRP01
252C	Overdrive Friction (Raybestos) (138mm OD x 1.80mm x 28T) ..	90-ON	4	A604.FRP11
253C	Reverse Input Friction (138mm OD x 1.80mm x 28T) ..	89-ON	2	A604.FRP01
253C	Reverse Input Friction (Raybestos) (138mm OD x 1.80mm x 28T) ..	89-ON	2	A604.FRP11
254B	Underdrive Friction (138mm OD x 1.80mm x 28T) ..	89-ON	4	A604.FRP01
254B	Underdrive Friction (Raybestos) (138mm OD x 1.80mm x 28T) ..	89-ON	4	A604.FRP11
254B	Underdrive Friction (Alto) (138mm OD x 1.80mm x 28T) ..	89-ON	4	A604.FRP51
STEEL PLATES				
Kit	Steel Plate.....	90-ON	1	A604.STK01
Kit	Steel Plate (Alto Combo Kit).....	88-ON	1	A604.STK51
Kit	Steel Plate (Alto).....	90-ON	1	A604.STK52
300E	2nd & 4th Steel (133mm ID x 2.40mm x 14T)	89-ON	4	A604.STP02
301E	Low / Reverse Steel (133mm ID x 1.70mm x 14T)	89-ON	5	A604.STP03
302C	Overdrive Steel (115mm ID x 2.50mm x 8T)	1989	2	A604.STP04
302C	Overdrive Steel (For Alto Power Pack) (115mm ID x 2.50mm x 8T)	1989	3	A604.STP54
302C	Overdrive Steel (Alto Hi Performance) (115mm ID x 1.52mm x 8T)	1989	AR	A604.STP61
302C	Overdrive Steel (115mm ID x 1.70mm x 8T)	90-ON	3	A604.STP01
303B	Underdrive Steel (115mm ID x 1.70mm x 8T)	89-ON	4	A604.STP01
304C	Reverse Input Steel (115mm ID x 1.70mm x 8T)	89-ON	1	A604.STP01
PRESSURE PLATES				
400C	Pressure Plate-Underdrive (7.00mm x 3 Plate).....	89-92	1	A604.PP01
400C	Pressure Plate-Underdrive (5.46mm x 4 Plate).....	89-96	1	A604.PP02
400C	Pressure Plate-Underdrive (6.00mm x 4 Plate Update Kit) ..	89-96	1	A604.PP03
400C	Pressure Plate-Underdrive (6.48mm x 4 Plate).....	89-96	1	A604.PP04
400C	Pressure Plate-Underdrive (7.00mm x 4 Plate).....	89-96	1	A604.PP05

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PRESSURE PLATES Cont...				
401E	Pressure Plate-Low & Reverse (5.84mm).....	89-ON	1	A604.PP06
402C	Pressure Plate-Overdrive/Reverse (8 Slots & 4 Lugs)	91-96	1	A604.PP07
402C	Pressure Plate-Overdrive/Reverse (4 Lugs 12.20mm).....	03-ON	1	A604.PP10
402C	Pressure Plate-Overdrive (Alto Powerpack Component) (4 Lugs 7.50mm)	91-96	1	A604.PP09
403C	Pressure Plate-Reverse Input (No External Lugs).....	89-91	1	A604.PP08
SPRINGS & CIRCLIPS				
Kit	Snap Ring Kit (Complete)	89-ON	1	A604.CIR01
Kit	Spap Ring Kit (14 Most Popular).....	89-ON	1	A604.CIR10
409B	Diaphragm Spring O. Drive/Rev (125mm O.D.)	89-ON	1	A604.DIA03
410C	Snap Ring O. Drive/Rev P. Plate (Waved)	89-ON	1	A604.CIR02
411C	Snap Ring-Rev Input P. Plate (Rear Flat).....	89-ON	1	A604.CIR03
412E	Snap Ring-Low Rev P. Plate (Front Tapered 1.80mm)	89-ON	1	A604.CIR04
413E	Snap Ring-Low Rev P. Plate (Flat).....	89-ON	1	A604.CIR05
414D	Snap Ring-Front Planet to Ring gear (Front & Rear)	89-ON	2	A604.CIR06
415C	Snap Ring-OD Clutch P. Plate (Rear 1.93mm Tapered 4 Pack)	90-ON	1	A604.CIR07
415C	Snap Ring-OD Clutch P. Plate (Rear 1.52mm Tapered).....	90-ON	1	A604.CIR08
425E	Diaphragm Spring Low / Rev (137mm OD)	89-ON	1	A604.DIA01
425E	Diaphragm Spring Low / Rev (Bonded Design).....	03-ON	1	A604.DIA04
426E	Diaphragm Spring 2/4 Clutch (165mm OD)	89-ON	1	A604.DIA02
427F	Accumulator Spring Fits All Acc (2.845mm Wire Diameter).....	96-ON	4	A604.SPR01
433B	Snap Ring, Underdrive (2.31mm Thick)	97-ON	1	A604.CIR11
FILTERS				
450F	Filter Oil Pick Up	89-ON	1	A604.FIL01
BUSHINGS				
Kit	Bush Kit.....	89-95	1	A604.BK01
Kit	Bush Kit.....	96-ON	1	A604.BK02
550A	Pump Bush	89-ON	1	TF6.BUS01
550A	Pump Bush (5 Pack Sonnax)....	89-ON	1	A604.BUS01
554A	Input Shaft (Installs in Rear)	89-00	1	A604.BUS09
554A	Input Shaft (Installs in Rear)	00-ON	1	A604.BUS10
555A	Input Clutch Hub (Sonnax® Click here for Info) ...	89-ON	1	A604.BUS08
558C	Overdrive Clutch Hub (Housing ID 24.358mm ID)	89-94	2	A604.BUS02
558C	Overdrive Clutch Hub (5 Pack) (Sonnax Replaces Both OEM) (Housing ID 24.358mm).....	89-94	1	A604.BUS07
558C	Overdrive Clutch Hub (5 Pack) (Sonnax Replaces Both OEM) (Housing ID 23.799mm).....	95-ON	1	A604.BUS03

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
BUSHINGS Cont...				
558C	Overdrive Clutch Hub (5 Pack) (Sonnax Replaces Both OEM) (Housing ID 23.901mm).....	95-ON	1	A604.BUS11
559D	Sun Gear & 2/4 Clutch Hub Assy (Front 28.96mm OD).....	89-95	1	A604.BUS04
560D	Sun Gear & 2/4 Clutch Hub Assy (Rear 28.96mm OD)	89-95	1	A604.BUS04
561D	Rear Planetary (31.115mm OD)	89-ON	1	A604.BUS05
THRUST WASHERS & BEARINGS				
Kit	Washer Kit W/O Selectives (A604.THW13 Not Included).....	89-ON	1	A604.TWK01
Kit	Thrust Bearing Kit (5 Pieces)....	89-ON	1	A604.TWK02
Kit	Shim Kit Tranfer Gear (10 x 0.13mm Shims).....	89-ON	1	A604.SHIM01
Kit	Shim Kit Preload & End Play	89-ON	1	A604.SHK01
600C	Washer-Underdrive Clutch Hub (Babbit 5 Tabs).....	89-ON	1	A604.THW12
601C	Washer/Race (3 Tabs) (U. Drive Hub to O. Drive Hub)	89-ON	1	A604.THW11
602C	Washer Overdrive Clutch Hub (3 Slot Selective 0.91mm).....	89-ON	1	A604.THW01
602C	Washer Overdrive Clutch Hub (3 Slot Selective 1.15mm).....	89-ON	1	A604.THW02
602C	Washer Overdrive Clutch Hub (3 Slot Selective 1.35mm).....	89-ON	1	A604.THW03
602C	Washer Overdrive Clutch Hub (3 Slot Selective 1.80mm).....	89-ON	1	A604.THW04
602C	Washer Overdrive Clutch Hub (3 Slot Selective 2.25mm).....	89-ON	1	A604.THW05
602C	Washer Overdrive Clutch Hub (3 Slot Selective 2.47mm).....	89-ON	1	A604.THW06
602C	Washer Overdrive Clutch Hub (3 Slot Selective 2.90mm).....	89-ON	1	A604.THW07
602C	Washer Overdrive Clutch Hub (3 Slot Selective 3.20mm).....	89-ON	1	A604.THW08
603D	Washer Sun Gear/Clutch Hub (4 Tabs)	89-ON	1	A604.THW13
650A	Bearing Stator Rear to Input Clutch Hub (43.50mm x 29.20mm)	89-ON	1	A604.BE01
651D	Bearing Front Planet to RearSun Gear (53.35mm x 34.50mm).....	89-ON	1	A604.BE02
652A	Bearing Input Clutch Hub to Underdrive Clutch Hub.....	89-ON	1	A604.BE03
653D	Bearing Rear Sun Gear to Rear Planet.....	89-ON	1	A604.BE03
NI	Bearing Front Planet (Must be Disassembled)	89-ON	1	A604.BE03
654G	Bearing & Race Assy (Case to Drive Sprocket).....	89-ON	1	A604.BE04
655G	Bearing & Race Assy (Driven Sprocket)	89-ON	1	A604.BE05
656D	Bearing & Race Assy (Rear Planet to Case)	89-ON	1	A404.BE02
657G	Bearing & Race Assy (Final Drive Housing 22 Roller)	89-ON	2	A404.BE02
658G	Bearing & Race Assy (Final Drive Housing 22 Roller)	89-ON	2	A404.BE02
658G	Bearing & Race Assy (Final Drive Housing 19 Roller)	96-ON	2	A404.BE03
659G	Bearing & Race Kit (Pinion to Case)	96-ON	1	A604.BE07

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
ELECTRICAL COMPONENTS				
Kit	Rebuild Kit Solenoid Assy	89-99	1	A604.SOL02
Kit	Rebuild Kit Solenoid Assy	00-ON	1	A604.SOL04
NI	Solenoid, EPS (41TES)	07-ON	1	A604.SOL09
700F	Output Speed Sensor	89-ON	1	A604.ELE01
701F	Turbine Input Speed Sensor	89-ON	1	A604.ELE02
NI	Internal Range Sensor (Pin Terminals)	96-99	1	A604.ELE03
NI	Internal Range Sensor (Spade Terminals)	99-ON	1	A604.ELE04
702F	Solenoid Assembly (OEM) (Requires Late Gasket Part No. A604.GAS06)	89-ON	1	A604.SOL03
702F	Solenoid Assembly (Rebuilt)	99-ON	1	A604.SOL08
703F	PRNODL Switch (Course Threads)	90-95	1	A604.INH01
704F	PRNODL Switch & Neutral S. Switch (Update Kit 89-90)	1989	1	A604.INH02
NI	Harness (Use With A604.INH02 Update Kit)	1989	1	A604.INH04
705F	Neutral Safety Switch (Fine Threads)	1989	1	TF8.INH01
705F	Neutral Safety Switch (Fine Threads)	90-95	1	A604.INH03
NI	Brass Contacts for Solenoids	89-ON	1	A604.SOL07
NI	Switch, Pressure Transducer (41TES)	07-ON	1	A604.ELE08
NI	Connector, EPC Solenoid (41TES)	07-ON	1	A604.ELE09
VALVE BODY PARTS				
Kit	Junior Shift Kit (TransGo)	89-ON	1	A604.SK01
Kit	Oversize Solenoid Switch Valve Plug Kit (Requires Tool A604.VA13) (Sonnax® Click here for Info)	89-ON	1	A604.VA12
Kit	Toolkit for A604.VA12	89-ON	1	A604.VA13
Kit	Oversize Pressure Regulator Valve (Requires Tool A604.VA15 & Valve Body Fixture AG4.VA05) (Sonnax® Click here for Info)	89-ON	1	A604.VA14
Kit	Toolkit for A604.VA14	89-ON	1	A604.VA15
NI	TCC Regulator Valve (Sonnax)	89-ON	1	A604.VA02
NI	Boost Valve Sleeve (Sonnax)	89-ON	1	A604.VA03
NI	Converter Regulator Valve & Sleeve (Sonnax)	89-ON	1	A604.VA04
NI	Replacement Switch Valve Plugs Prevents Cocking (Sonnax)	89-ON	1	A604.VA05
HARD PARTS				
800A	Pump Assy (4 Ring)	90-ON	1	A604.PUM01
800A	Pump Assy (Dual Cyclonical) (12 Lobes)	99-ON	1	A604.PUM02
802A	Pump Gear Set	89-ON	1	A604.PUM03
804A	Input Shaft (22 Splines)	89-ON	1	A604.SH02
805A	Input Clutch Hub 4 Ring Pump (2.54mm 'O' Ring Groove)	90-ON	1	A604.HUB04
806B	Piston-Overdrive / Reverse (8-4 Lug Press Plate Update)	89-90	1	A604.PIS03
806B	Piston-Overdrive / Reverse (4 Lugs for Press Plate)	90-ON	1	A604.PIS04
807B	Input Clutch Ret./Housing (4 Plate Overdrive Clutch)	91-ON	1	A604.RET02
808B	Piston-Input C. Drum/U. Drive	89-ON	1	A604.PIS05
809B	Piston-Moulded Lip and Spring Retainer	89-ON	1	A604.PIS01
810C	Underdrive Clutch Hub (Solid Shaft)	89-ON	1	A604.HUB01

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
HARD PARTS CONT...				
812C	O.D. Clutch Hub 28.96mm Small O.D. (Hollow Shaft)	89-94	1	See Note Below (Use A604.HUB05 with A604.DRU02/12)
812C	O.D. Clutch Hub 29.50mm (OEM)	95-ON	1	A604.HUB05
812C	O.D. Clutch Hub 29.50mm (Aftermarket)	95-ON	1	A604.HUB15
813D	Sun Gear & 2/4 Clutch Hub	89-94	1	A604.DRU01
813D	Sun Gear & 2/4 Clutch Hub (OEM) (Has Larger Bushing)	95-ON	1	A604.DRU02
813D	Sun Gear & 2/4 Clutch Hub (AM) (Has Larger Bushing)	95-ON	1	A604.DRU12
814D	Front Planet Assy (OEM)	89-ON	1	A604.PL01
814D	Front Planet Assy (Aftermarket)	89-ON	1	A604.PL11
NI	Front Planet Repair, Contains OD Clutch Hub, Front Planet & Sun Gear-29.50mm	95-ON	1	A604.PLK01
NI	Front Planet Repair Kit, Long Shaft (5 Piece) Does Not Contain #820C	91-ON	1	A604.PLK03
NI	Front Planet Repair Kit, Long Shaft (6 Piece) Also Contains #820C	91-ON	1	A604.PLK04
NI	Planet Repair Kit, (Aftermarket) Long Shaft (6 Piece) Also Contains #820C	91-ON	1	A604.PLK06
815D	Anulus-Rear Planetary (Second Design)	89-ON	1	A604.HUB03
816D	Sun Gear-Rear	89-ON	1	A604.SUN01
817D	Rear Planet W/Short Shaft (25.40mm)	89-91L	1	A604.PL02
817D	Rear Planet Splined Shaft (OEM) (28.80mm) 5 Pinion	91L-ON	1	A604.PL03
817D	Rear Planet Splined Shaft (Aftermarket) (28.80mm) 4 Pinion	91L-ON	1	A604.PL13
818E	Housing-2/4 Piston 2nd Design (With Lanced Bleed Orifice)	89-ON	1	A604.RET01
819E	Piston-Low & Reverse	89-03	1	A604.PIS02
819E	Piston-Low & Reverse (40TE) (Bonded 30mm High)	04-ON	1	A604.PIS06
819E	Piston-Low & Reverse (41TE) (Bonded 27mm High)	04-ON	1	A604.PIS07
826F	Cover, Low Rev Accumulator	89-ON	1	A604.COV02
827F	Accumulator Piston (Bonded) (Retro Fits 89-ON)	04-ON	2	45RFE.ACC01
831G	Final Drive Housing FWD (22 Roller & 22 Roller Bearing)	89-ON	1	A604.DIF01
833G	Retainer, Differential (Awd) (Cast Iron) 6 Bolt 2.676" Tall	89-ON	1	A604.RET05
834G	Transfer Shaft (17 Teeth)	89-ON	1	A604.SH01
837G	Transfer Gear Kit (47T x 49T)	91-ON	1	A604.GE01
839G	Nut-Transfer Shaft (2nd Design)	92-ON	1	A604.NUT01
NI	Diff Case Saver-Pinion Shaft	89-ON	1	A604.RET03
NI	Retainer-F. Drive Cross Shaft	89-ON	1	A604.RET04
NI	Spacer-Output & Transfer (1.143mm)	89-ON	AR	A604.SP01
NI	Spacer-Output & Transfer (0.762mm)	89-ON	AR	A604.SP02
NI	Spacer-Output & Transfer (0.940mm)	89-ON	AR	A604.SP03

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
SPECIAL ITEMS				
900A	Cooler Bypass Valve (In Case Under Pump).....	89-ON	1	A604.VA08
NI	Cooler Bypass Plug (Sonnax® Click here for Info).	94-97	1	A604.VA01
NI	Connector, Cooler (1/4" Pipe, 5/16" Line).....	89-ON	AR	A604.CON01
TOOLS & MANUALS				
NI	A604 Rebuild Manual.....	89-ON	1	A604.MAN01
NI	A604 Update Manual	89-ON	1	A604.MAN02
<p>Click here to view special tools for this transmission</p>				

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