

4L80E (MT-1)

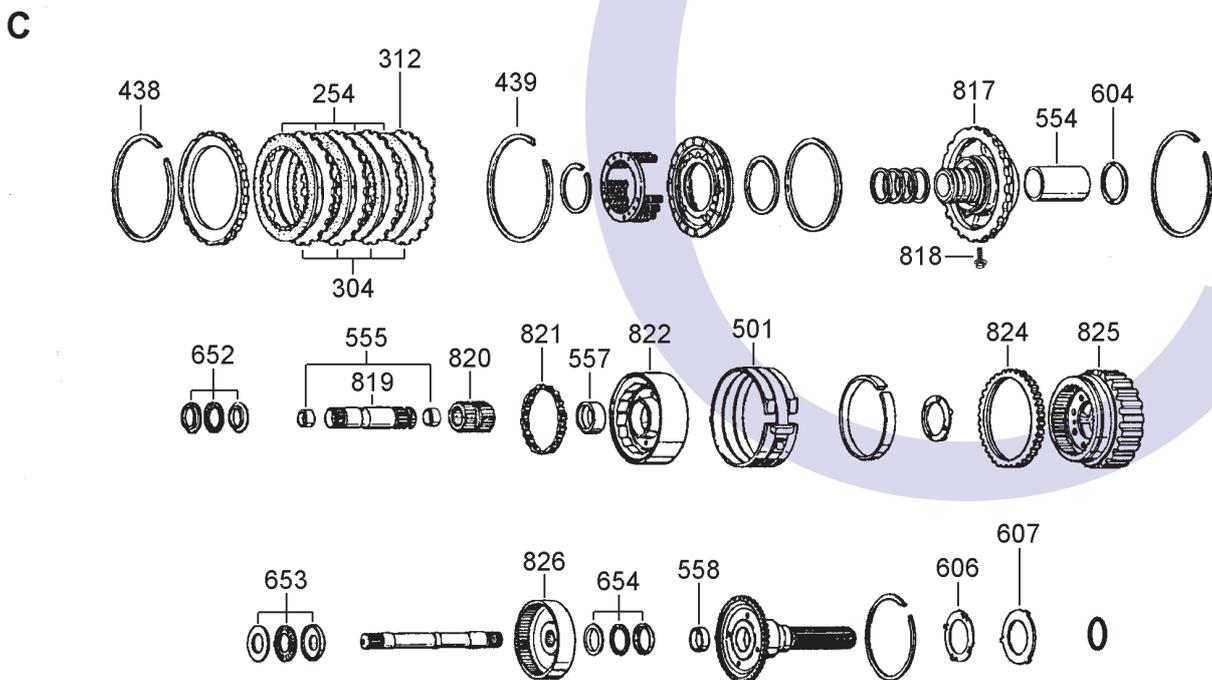
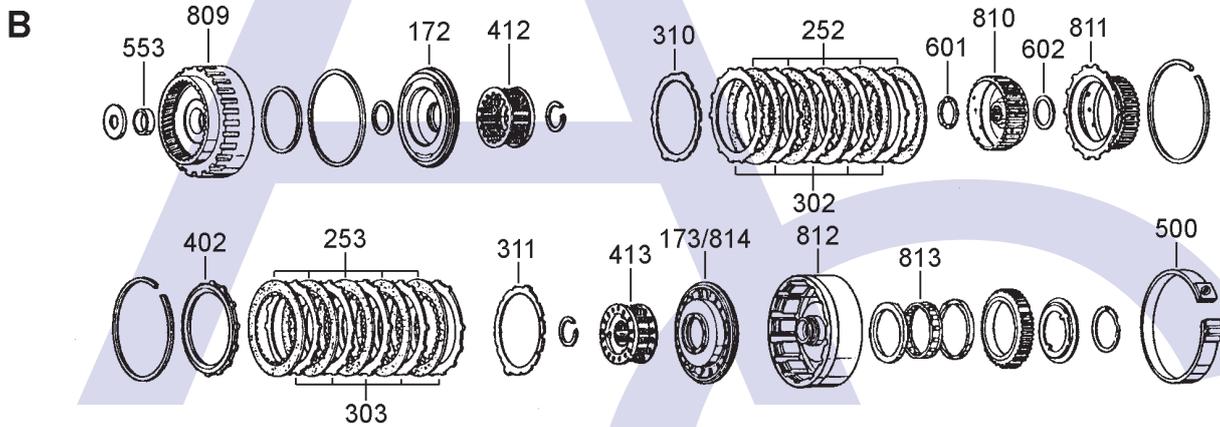
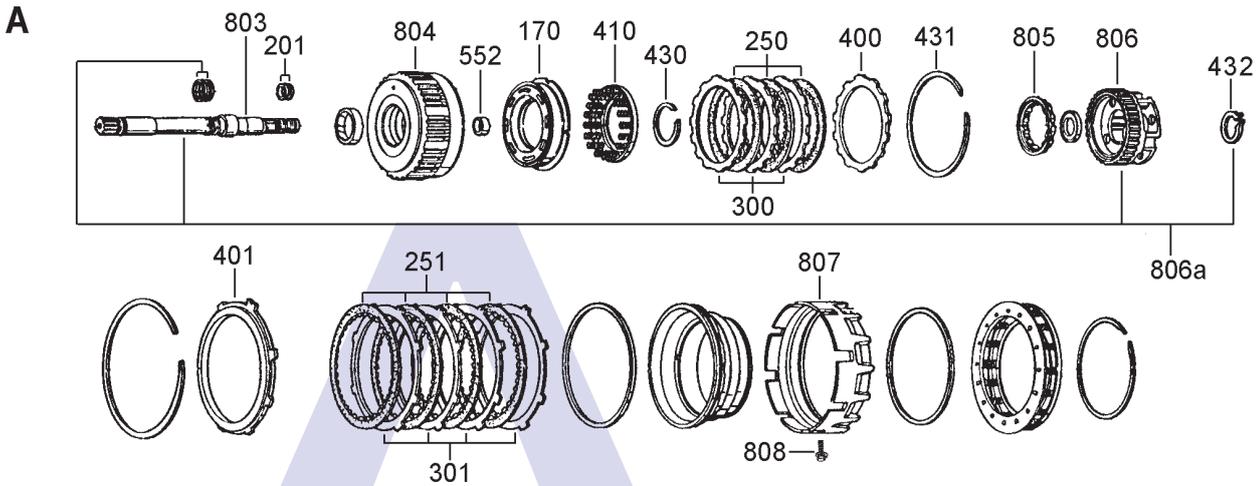
4 SPEED RWD (Electronic Control)



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE



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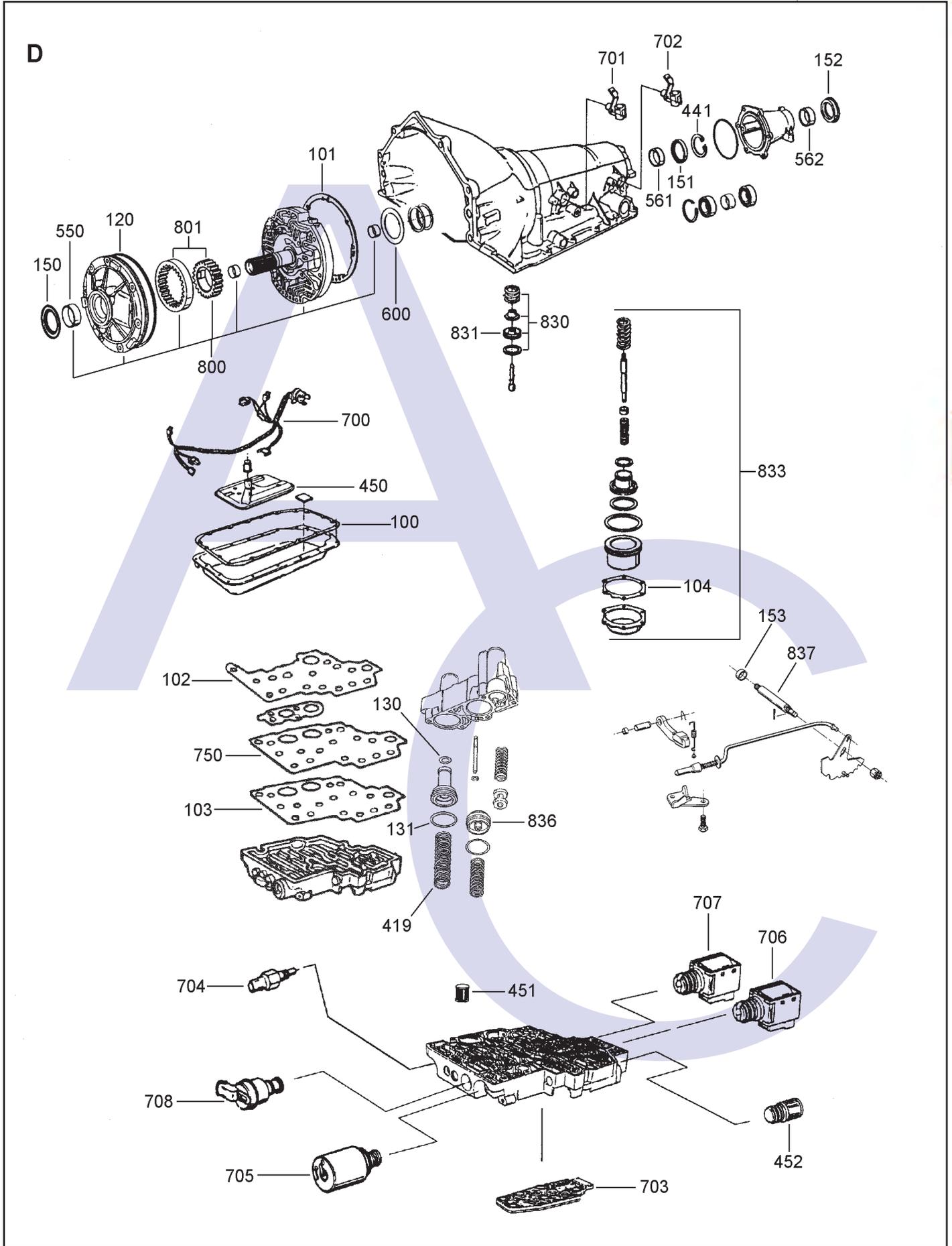
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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
KITS				
Kit	Master Overhaul Kit (Less Jaguar Pan Gasket)	91-ON	1	4L80E.MOHK01
Kit	Overhaul Kit (Transtec) (Less Jaguar Pan Gasket)	91-ON	1	4L80E.OHK01
Kit	Overhaul Kit (Precision) (Less Pan Gasket)	91-96	1	4L80E.OHK51
Kit	Overhaul Kit (Precision) (Less Pan Gasket & Pistons)	97-02	1	4L80E.OHK52
Kit	Sonnax™ Sure Cure Kit.....	91-ON	1	4L80E.SCK01
Kit	Plug, 4L80E, Pump Channel (Converts 4L80E.PUM02 to No Cooler)	97-On	1	4L80E.GSK01
GASKETS				
100D	Oil Pan Except Jaguar	91-ON	1	4L80E.GAS01
100D	Oil Pan Except Jaguar (OEM Style Metal Core).....	91-ON	1	4L80E.GAS03
100D	Oil Pan Jaguar Only.....	93-ON	1	4L80E.GAS02
101D	Pump to Case	91-ON	1	4L80E.GAS04
102D	Valve Body (Upper).....	91-ON	1	4L80E.GAS06
103D	Valve Body (Lower).....	91-ON	1	4L80E.GAS05
104D	Rear Servo Cover	91-ON	1	4L80E.GAS08
RUBBER COMPONENTS				
120D	Pump to Case Seal.....	91-ON	1	TH400.SQR01
130D	Seal, Lathe Cut 1-2 Accumulator (Inner)	91-ON	1	4L80E.SQR04
131D	Seal, Lathe Cut 1-2 Accumulator (Outer).....	91-ON	1	4L80E.SQR05
NI	Seal, Lathe Cut 3rd Accumulator (Small).....	91-ON	1	4L80E.SQR06
NI	Seal, Lathe Cut 3rd Accumulator (Large)	91-ON	1	4L80E.SQR07
NI	'O' Ring, Pump Bolt.....	91-ON	7	4L80E.GAS07
METAL CLAD SEALS				
150D	Front Pump	91-ON	1	4L80E.MCS01
151D	Case Seal	91-ON	1	4L80E.MCS03
152D	Extension Housing (68.58mm OD) (w/ Boot).....	91-ON	1	4L80E.MCS02
152D	Extension Housing (68.58mm OD) (w/o Boot).....	91-ON	1	TH400.MCS01
152D	Extension Housing (73.15mm OD) (w/o Boot).....	91-ON	1	TH400.MCS04
153D	Selector Shaft	91-ON	1	TH180.MCS03
MOULDED PISTONS				
170A	Piston, Overrun Clutch (Bonded Rubber)	91-ON	1	4L80E.PIS01
172B	Piston, Forward Clutch (Bonded Lip Seal)	97-ON	1	4L80E.PIS03
172B	Piston, Forward Clutch (Bonded With 3.17mm Orifice)..	97-ON	1	4L80E.PIS05
172B	Piston, Forward Clutch (Bonded With 4.45mm Orifice)..	97-ON	1	4L80E.PIS06
172B	Piston, Forward Clutch (Bonded With 5.72mm Orifice)..	97-ON	1	4L80E.PIS07
173B	Piston, Direct Clutch (Bonded Rubber)	97-ON	1	4L80E.PIS02

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
SEALING RINGS				
Kit	Shaft Sealing Ring Kit.....	91-ON	1	4L80E.SRK01
201A	Turbine Shaft to Forward Drum (Teflon)	91-ON	2	4L80E.SSR04
FRICITION PLATES				
Kit	Friction Plate	90-96	1	4L80E.FRK01
Kit	Friction Plate (Alto)	90-96	1	4L80E.FRK51
Kit	Friction Plate (High Energy).....	97-ON	1	4L80E.FRK02
Kit	Friction Plate (Alto)	97-ON	1	4L80E.FRK52
250A	Overrun Clutch (136mm OD x 2.00mm x 45T) ..	91-ON	3	4L80E.FRP01
251A	4th Clutch/Overdrive Brake (185mm OD x 2.00mm x 60T) ..	91-ON	4	4L80E.FRP02
252B	Forward Clutch (Flat) (150mm OD x 2.00mm x 42T) ..	91-95	5	TH400.FRP01
252B	Forward Clutch (Flat) (Alto) (150mm OD x 2.00mm x 42T) ..	91-95	5	TH400.FRP51
252B	Forward Clutch (Hi-Energy, Graphite) (150mm OD x 2.00mm x 42T) ..	96-on	5	4L80E.FRP05
253B	Direct Clutch (Flat) (150mm OD x 2.00mm x 42T) ..	91-95	5-6	TH400.FRP01
253B	Direct Clutch (Hi-Energy, Graphite) (150mm OD x 2.00mm x 42T) ..	96-on	5-6	4L80E.FRP05
254C	Intermediate Brake (167mm OD x 2.00mm x 47T) ..	91-95	4	4L80E.FRP03
254C	Intermediate Brake (167mm OD x 1.80mm x 47T) ..	96-ON	4	4L80E.FRP06
STEEL PLATES				
Kit	Steel Plate.....	90-96	1	4L80E.STK01
Kit	Steel Plate (Alto).....	90-96	1	4L80E.STK51
Kit	Steel Plate.....	97-ON	1	4L80E.STK02
Kit	Steel Plate (Alto).....	97-ON	1	4L80E.STK52
300A	Overrun Clutch (115mm ID x 2.50mm x 14T)	91-96	3	4L80E.STP01
300A	Overrun Clutch With Turbulator Holes (115mm ID x 2.50mm x 14T)	97-ON	3	4L80E.STP05
301A	4th Clutch/Overdrive Brake (160mm ID x 2.50mm x 8T)	91-96	4	4L80E.STP02
301A	4th Clutch/Overdrive Brake With Turbulator Holes (160mm ID x 2.50mm x 8T)	97-ON	4	4L80E.STP04
302B	Forward Clutch Flat (116mm ID x 1.96mm x 12T)	91-ON	5	TH400.STP02
303B	Direct Clutch Flat (116mm ID x 2.30mm x 12T)	91-ON	5	TH400.STP03
304C	Intermediate Brake (127mm ID x 1.93mm x 21T)	91-ON	4	4L80E.STP03
310B	Forward Clutch Dished Steel (2 Tangs)	91-ON	1	TH400.DIA01
310B	Forward Clutch Waved (116mm ID x 1.00mm x 14T)	97-ON	1	4L80E.STP06
311B	Direct Clutch Dished Steel (2 Tangs)	91-ON	1	TH400.DIA01
311B	Direct Clutch Waved (116mm ID x 1.00mm x 14T)	97-ON	1	4L80E.STP06
312C	Intermediate Waved (127mm ID x 1.78mm x 21T)	64-98	1	TH400.STP05
PRESSURE PLATES				
400A	Overrun Clutch.....	91-ON	1	4L80E.PP03
401A	4th Clutch/Overdrive Brake.....	91-ON	1	4L80E.PP02
402B	Direct Clutch	91-ON	1	4L80E.PP01

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
SPRINGS & CIRCLIPS				
Kit	1-2 & 2-3 Shift Valve Spring Kit (Includes Both Springs) (Sonnax® Click here for Info) ...	91-ON	1	4L80E.SPR05
410A	Retainer w/ Spring, Overrun Clutch Return	91-ON	1	4L80E.SPR04
412B	Retainer w/ Spring, Forward Clutch Return	91-ON	1	4L80E.SPR03
413B	Retainer w/ Spring, Direct Clutch Return	91-ON	1	4L80E.SPR03
419D	Spring, 3rd Clutch Accumulator (Green 85mm x 28mm)	91-ON	1	4L80E.SPR01
430A	Circlip, Spring Retainer to Drum (Overrun Clutch)	91-ON	1	4L80E.CIR03
431A	Circlip, Overrun Clutch Pressure Plate Retaining	91-ON	1	4L80E.CIR04
432A	Circlip, Turbine Shaft to Overdrive Planetary	91-ON	1	4L80E.CIR08
438C	Circlip, Intermediate Clutch (Outer)	91-ON	1	4L80E.CIR05
439C	Circlip, Intermediate Clutch (Inner)	91-ON	1	4L80E.CIR06
441D	Circlip, Rear Main Case Seal Retainer	91-ON	1	4L80E.CIR07
NI	Circlip, Front Servo Spring Retainer	91-ON	1	4L80E.CIR01
FILTERS				
450D	Pan Filter	91-96	1	4L80E.FIL01
450D	Pan Filter (17mm Deeper Pan) ..	97-ON	1	4L80E.FIL05
451D	Screen, Force Motor/Pressure Control Solenoid	91-ON	1	4L80E.FIL02
452D	Screen, Shift Solenoid (In Valve Body w/ O-Ring)	91-ON	2	4L80E.FIL03
NI	Screen, PWM/TCC Solenoid-In Case (Thimble Type)	91-ON	1	4L80E.FIL04
BANDS				
500B	Front (25.40mm Wide)	91-ON	1	TH400.BAN01
500B	Front (1 1/4" Wide) (Hi-Energy) (Will Retro Fit 91-ON)	99-ON	1	TH400.BAN04
501C	Reverse (New)	91-ON	1	TH400.BAN02
501C	Reverse (Reline)	91-ON	1	TH400.BAN03
501C	Reverse (Smooth Lining) (Updated Design)	97-ON	1	4L80E.BAN01
BUSHES				
Kit	Bush Kit	91-96	1	4L80.BK01
Kit	Bush Kit	97-ON	1	4L80.BK02
550D	Front Pump (14.00mm Wide)	91-96	1	4L80E.BUS01
550D	Front Pump (17.78mm Wide)	97-ON	1	4L80E.BUS03
552A	Overrun Drum (Rear)	91-ON	2	TH400.BUS07
553B	Forward Clutch Drum	91-ON	1	4L80E.BUS08
554C	Centre Support	91-E97	1	4L80E.BUS04
554C	Center Support, w/ Center Lube Circuit 102.20mm Long	L97-ON	1	4L80E.BUS07
555C	Sun Gear Shaft	91-ON	1-2	TH400.BUS07
557C	Planetary Carrier	91-ON	1	TH400.BUS05
558C	Output Shaft	91-ON	1	TH400.BUS06
561D	Case, (OEM Style)	91-ON	1	4L80E.BUS06
561D	Case, (Flanged "No Walk-Out") (Sonnax® Click Here for Info) ...	91-ON	1	4L80E.BUS02
561D	Case, (Flanged "No Walk-Out", Oversize) (Sonnax® Click Here for Info) ...	91-ON	1	4L80E.BUS10
562D	Extension Housing	91-ON	1	4L80E.BUS05

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
THRUST BEARINGS & WASHERS				
Kit	Thrust Washer Kit	91-ON	1	4L80E.TWK01
Kit	Selective Pump Thrust Kit (5) ...	91-ON	1	4L80E.TWK02
Kit	Thrust Bearing Kit	91-ON	1	4L80E.TWK03
600D	Pump Stator to Overrun Clutch Housing (Blue 1.50mm Thick)	91-ON	AR	4L80E.THW01
	(Red 1.90mm Thick)	91-ON	AR	4L80E.THW02
	(Brown 2.30mm Thick)	91-ON	AR	4L80E.THW03
	(Green 2.70mm Thick)	91-ON	AR	4L80E.THW04
	(Black 3.10mm Thick)	91-ON	AR	4L80E.THW05
601B	Forward Clutch Hub to Forward Clutch Housing	91-ON	1	TH400.THW08
602B	Forward Clutch Hub to Direct Clutch Housing	91-ON	1	TH400.THW09
604C	Center Support to Front Planet (Metal)	91-ON	1	TH400.THW10
606C	Output Shaft to Case (4-Tang) (Metal)	91-ON	1	TH400.THW15
607C	Output Shaft to Case (3 Tang) Selective (1.93mm Thick)	91-ON	AR	TH400.THW16
	Selective (2.13mm Thick)	91-ON	AR	TH400.THW17
	Selective (2.34mm Thick)	91-ON	AR	TH400.THW18
	Selective (2.54mm Thick)	91-ON	AR	TH400.THW19
	Selective (2.74mm Thick)	91-ON	AR	TH400.THW20
	Selective (2.95mm Thick)	91-ON	AR	TH400.THW21
607C	Case Saver (3 Tang Washer Replacement) .	64-98	1	TH400.THW23
652C	Bearing w/ Race, Center Support to Sun Gear	91-ON	1	TH400.THW11
653C	Bearing w/ Race, Sun Gear to Rear Ring Gear	91-96	1	TH400.THW13
653C	Bearing w/ Race, Sun Gear to Rear Ring Gear	97-ON	1	4L80E.TOR01
654C	Bearing w/ Race, Rear Ring Gear to Output Shaft	91-ON	1	TH400.THW14
ELECTRICAL COMPONENTS				
Kit	Master Solenoid Kit	91-ON	1	4L80E.SOL06
700D	Wiring Harness, Universal Internal & External Repair w/ External Connectors & Wires With Temp Sensor) (Retro Fit) Rostra (Not Jaguar) ..	91-ON	1	4L80E.ELE01
700D	Wiring Harness, (Jaguar)	91-ON	1	4L80E.ELE10
701D	Input Speed Sensor	91-ON	1	4L80E.ELE02
702D	Output Speed Sensor	91-ON	1	4L80E.ELE02
703D	Switch, Manifold Pressure	91-ON	1	4L80E.ELE05
704D	Sensor, Temperature	91-ON	1	4L80E.ELE07
705D	Solenoid, EPC (Borg Warner) (OEM Has Black Connector) Needs TH700.RET01 For Vehicles Between 1991 & 1993	91-03	1	4L30E.SOL01
705D	Solenoid, EPC	04-ON	1	4L80E.SOL07
NI	Retaining Bracket (EPC Sol)	91-93	1	TH700.RET01
706D	Solenoid, 1-2, 3-4 Shift (Solenoid 'A')	91-ON	1	4L80E.SOL02
707D	Solenoid, 2-3 Shift (Solenoid 'B')	91-ON	1	4L80E.SOL03
708D	Solenoid, TCC, PWM	91-ON	1	4L80E.SOL04
NI	Switch, Park/Neutral, Backup (Single Plug 12 Pin)	04-ON	1	4L60E.ELE07
NI	Speed Sensor Harness Repair Kit	91-ON	1	4L80E.ELE06

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
VALVE BODY'S & PARTS				
Kit	Junior Shift Kit (TransGo®).....	91-ON	1	4L80E.SK01
Kit	Shift Correction Package (Superior®)	93-ON	1	4L80E.SK02
Kit	1-2 & 2-3 Shift Valve Spring Kit (Includes Both Springs) (Sonnax® Click here for Info) ..	91-ON	1	4L80E.SPR05
Kit	Reverse Boost Valve & Sleeve Kit With 'O' Rings (Sonnax).....	91-ON	1	4L80E.VA02
Kit	Reverse Boost Valve & Sleeve Kit With 'O' Rings Self Regulating (Sonnax).....	91-ON	1	4L80E.VA05
Kit	TCC Regulator Valve Kit (Sonnax)	91-ON	1	4L80E.VA03
Kit	TCC Regulator Valve & Sleeve Kit (Requires Tool 4L80E.VA12 & Valve Body Fixture AG4.VA05) (Sonnax® Click Here for Info) ..	91-ON	1	4L80E.VA11
Kit	Toolkit for 4L80E.VA11 (Sonnax®).....	91-On	1	4L80E.VA12
Kit	Line Pressure Booster (Sonnax® Click Here for Info) ..	91-ON	1	4L80E.VA14
750D	Plate, Valve Body (Universal) (Transgo)	91-ON	1	4L80E.SP01
NI	Manual Valve (Sonnax® Click here for Info) ..	91-ON	1	4L80E.VA13
Kit	End Plug & 'O' Ring, AFL Filter (Sonnax® Click here for Info) ..	91-ON	1	4L80E.VA16
Kit	Accumulator Control Valve Kit (Oversize) (Requires Tool 4L80E.VA15 & Valve Body Fixture AG4.VA05) (Sonnax® Click Here for Info) ..	91-ON	1	4L80E.VA17
Kit	Toolkit for 4L80E.VA17 (Sonnax®).....	91-On	1	4L80E.VA15
NI	TCC & PR Valve End Plugs (Sonnax®).....	91-ON	1	4L80E.VA01
NI	Actuator Feed Limit valve (Sinnax).....	91-ON	1	4L80E.VA04
NI	1-2 & 2-3 Shift Valve Springs (1 of each Sonnax).....	91-ON	1	4L80E.VA09
NI	Pressure Regulator valve (Line-to-Lube Sonnax)	91-ON	1	4L80E.VA10
HARD PARTS				
Kit	Front Servo, Piston & Sleeve Kit (Sonnax®).....	91-ON	1	TH400.ACC02
800D	Pump, Both Cooler Lines Behind Bellhousing	91-96	1	4L80E.PUM01
800D	Pump, Only One Cooler Line Behind Bellhousing	97-ON	1	4L80E.PUM02
801D	Pump Gear Set	91-ON	1	4L80E.PUM03
803A	Shaft, Turbine.....	91-ON	1	4L80E.SH01
804A	Overrun Clutch w/ Sun Gear (Uses 4L80E.OWC01)	91-E01	1	4L80E.DRU01
804A	Overrun Clutch w/ Sun Gear (Uses 4L80E.OWC03)	01-ON	1	4L80E.DRU05
805A	Roller Clutch, Overdrive (.310"OD Rollers, 3 1/4"OD Roller Clutch)	91-E01	1	4L80E.OWC01
805A	Roller Clutch, Overdrive (.195"OD Rollers, 3"OD Roller Clutch)	E01-ON	1	4L80E.OWC03
806A	Overdrive Planetary (2 Missing Splines) (3.215" Diameter Inside Race)..	91-92	1	4L80E.PL01
806A	Overdrive Planetary (4 Missing Splines) (3.210" Diameter Inside Race)..	93-00	1	4L80E.PL05
Kit	Repair Kit, Overdrive Planetary (Planet/FWD & Overrun Drum) ..	93-01	1	4L80E.PLK02

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
HARD PARTS Cont...				
806aA	Overdrive Planet Kit, (3.025" Diameter Inside Race) (Includes Hardened Planetary & Turbine Shaft, also One Retaining Circlip & Two Sealing Rings).....	01-ON	1	4L80E.PLK01
807A	Drum, 4th Clutch/OD Brake	91-ON	1	4L80E.DRU04
808A	Bolt, 4th Clutch Housing to Case.....	91-ON	1	4L80E.NUT01
809B	Forward Clutch Drum w/ Ring Gear (Lip Seal Type Piston).....	91-96	1	4L80E.DRU02
809B	Forward Clutch Drum w/ Ring Gear (MouldedPiston Type).....	97-ON	1	4L80E.DRU06
810B	Clutch Hub, Forward Clutch.....	91-ON	1	TH400.DRU04
810B	Clutch Hub, Forward Clutch (Heavy Duty) (Sonnax® Click here for Info) ..	91-ON	1	TH400.DRU06
811B	Clutch Hub, Direct Clutch.....	91-ON	1	TH400.DRU05
812B	Direct Clutch Drum (w/o Sprag) ..	91-ON	1	4L80E.DRU03
813B	Sprag, Intermediate (16 Elements).....	91-ON	1	4L80E.OWC04
813B	Sprag, Intermediate (34 Elements) Heavy Duty	91-ON	1	TH400.OWC03
814B	Piston, Direct Clutch (Alluminium).....	91-ON	1	4L80E.PIS04
817C	Center Support, (Uses 24mm Long Bolt)	91-96	1	4L80E.SUP01
817C	Center Support, (w/ Lube Hole Passage).....	97-98	1	4L80E.SUP02
817C	Center Support.....	99-ON	1	4L80E.SUP03
818C	Bolt, Center Support to Case (24mm Long).....	91-ON	1	4L80E.NUT02
819C	Shaft, Intermediate Sun Gear (28 Splines on Sun Gear)	91-96	1	4L80E.SUN01
820C	Sun Gear, Angled Teeth (28 Splines Inside)	97-ON	1	4L80ESUN02
820C	Sun Gear, Straight Teeth (32 Spline Inside).....	91-96	1	TH400.SUN03
821C	Sprag, Low Clutch Roller	91-E95	1	TH400.OWC01
821C	Roller Clutch, Low (Rear) (has 8 vertical tabs).....	L95-ON	1	4L80E.OWC02
822C	Front Planetary (Angled Teeth) ..	91-98	1	TH400.PL01
822C	Front Planetary (Straight Teeth) ..	91-98	1	TH400.PL03
822C	Front Planetary	99-On	1	4L80E.PL06
824C	Reluctor Wheel, Speed Sensor (Presses on Rear Planet).....	91-ON	1	4L80E.SEN01
825C	Rear (Angled Teeth) w/ Electric Pick-Up (No Reluctor Ring).....	91-98	1	4L80E.PL02
826C	Ring Gear, Rear Planet (Straight Teeth)	91-96	1	4L80E.PL03
826D	Ring Gear, Rear Planet (Angled Teeth) w/ 4 Notches.....	97-ON	1	4L80E.PL04
830D	Front Servo, Piston, Sleeve Spring & Seal Kit (Sonnax)	91-ON	1	4L80E.SER01
831D	Piston, Front Servo	91-ON	1	TH400.PIS02
833D	Rear Servo Assembly (With Raised Hump on Piston)..	91-ON	1	TH400.PIS04
836D	4th Accumulator Bore, Sleeve & Piston Kit (Sonnax).....	91-ON	1	4L80E.ACC01
837D	Manual Shaft, Short Version (Sonnax® Click here for info)....	91-ON	1	4L80E.VA18
NI	Sleeve, Rear Stator Support (Sonnax Replacement)	91-ON	1	4L80E.SL02
NI	Case Connector, Cooler.....	91-96	2	4L80E.CON01
NI	Cooler Connector, Snap In (Front)	97-ON	1	4L80E.CON02
NI	Cooler Connector, Snap In (Rear).....	97-ON	1	4L80E.CON03

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
SPECIAL ITEMS				
NI	Case Cooler Line Conversion Kit (this kit allows a centre lube transmission assembly to be insalled into a vehicle with early cooler lines, both case fittings at front).....		1	4L80E.TU01
Kit	Sonnax™ Sure Cure Kit.....	91-ON	1	4L80E.SCK01
TOOLS & MANUALS				
NI	ATSG Rebuild Manual	91-ON		4L80E.MAN01
NI	GM Technicians Guide.....	91-ON		4L80E.MAN02
NI	ATSG Diagnostic Manual (4L80E/4L60E).....	91-ON		4L60E.MAN04
<p>Click here to view special tools for this transmission</p>				

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
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