

ZF 6HP19A VW/Audi Code 1071 040 xxx

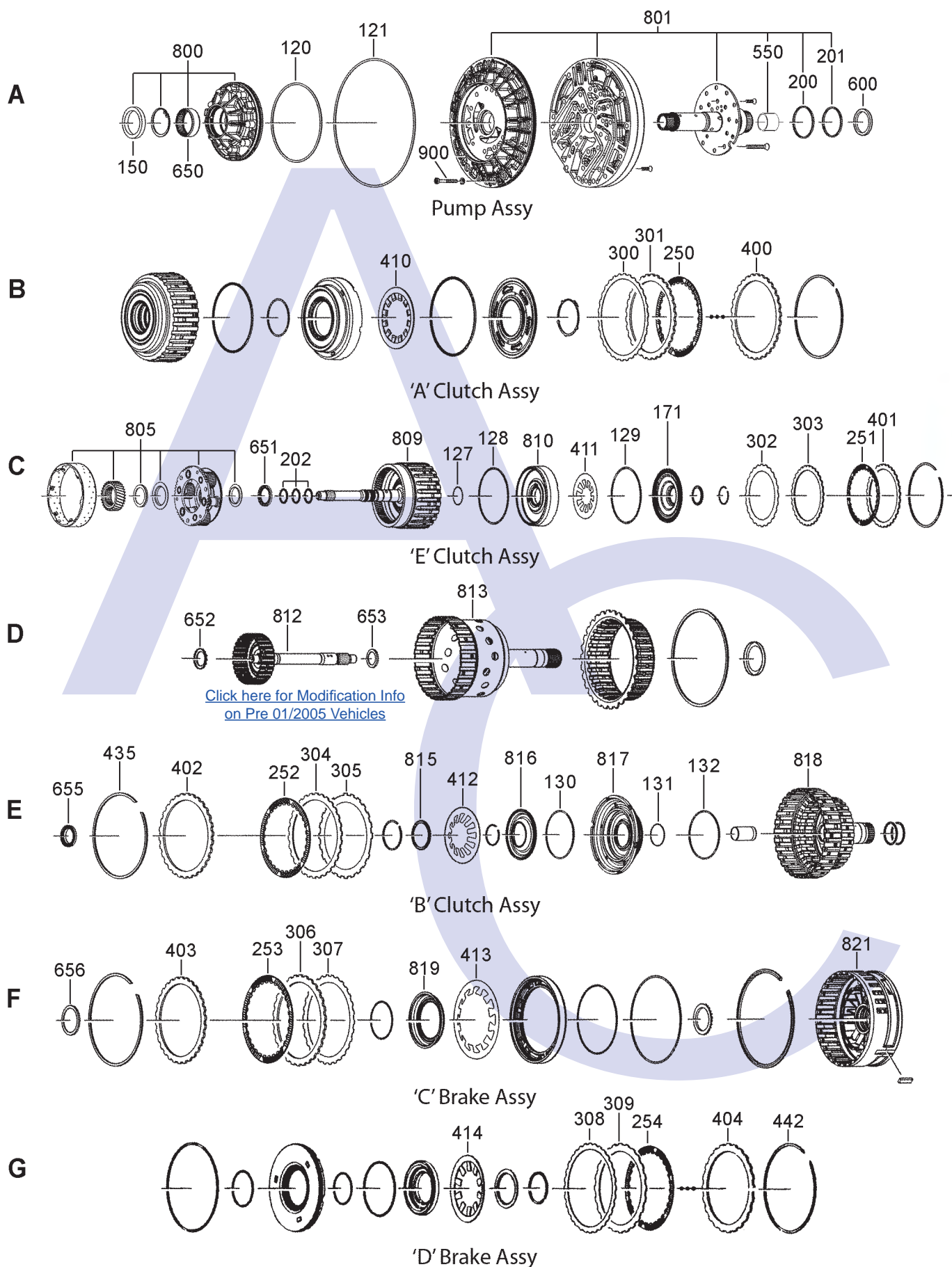
6 SPEED IN LINE AWD (Full Electronic Control)



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE



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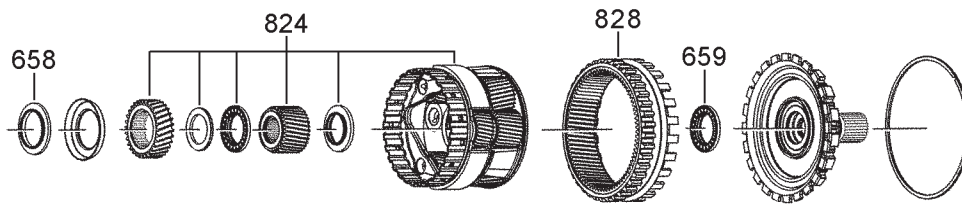


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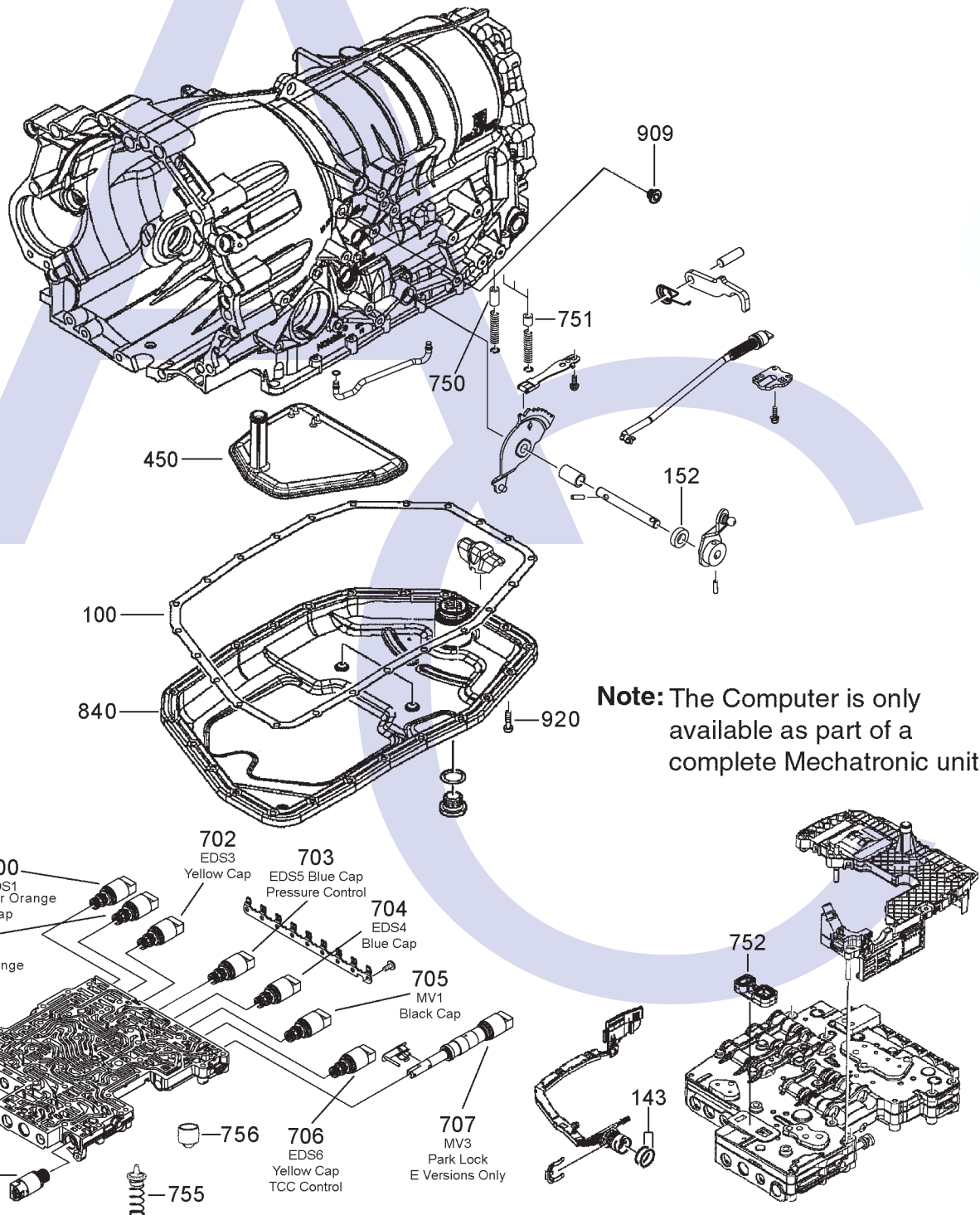
THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

H



Rear Planetary Assembly

J



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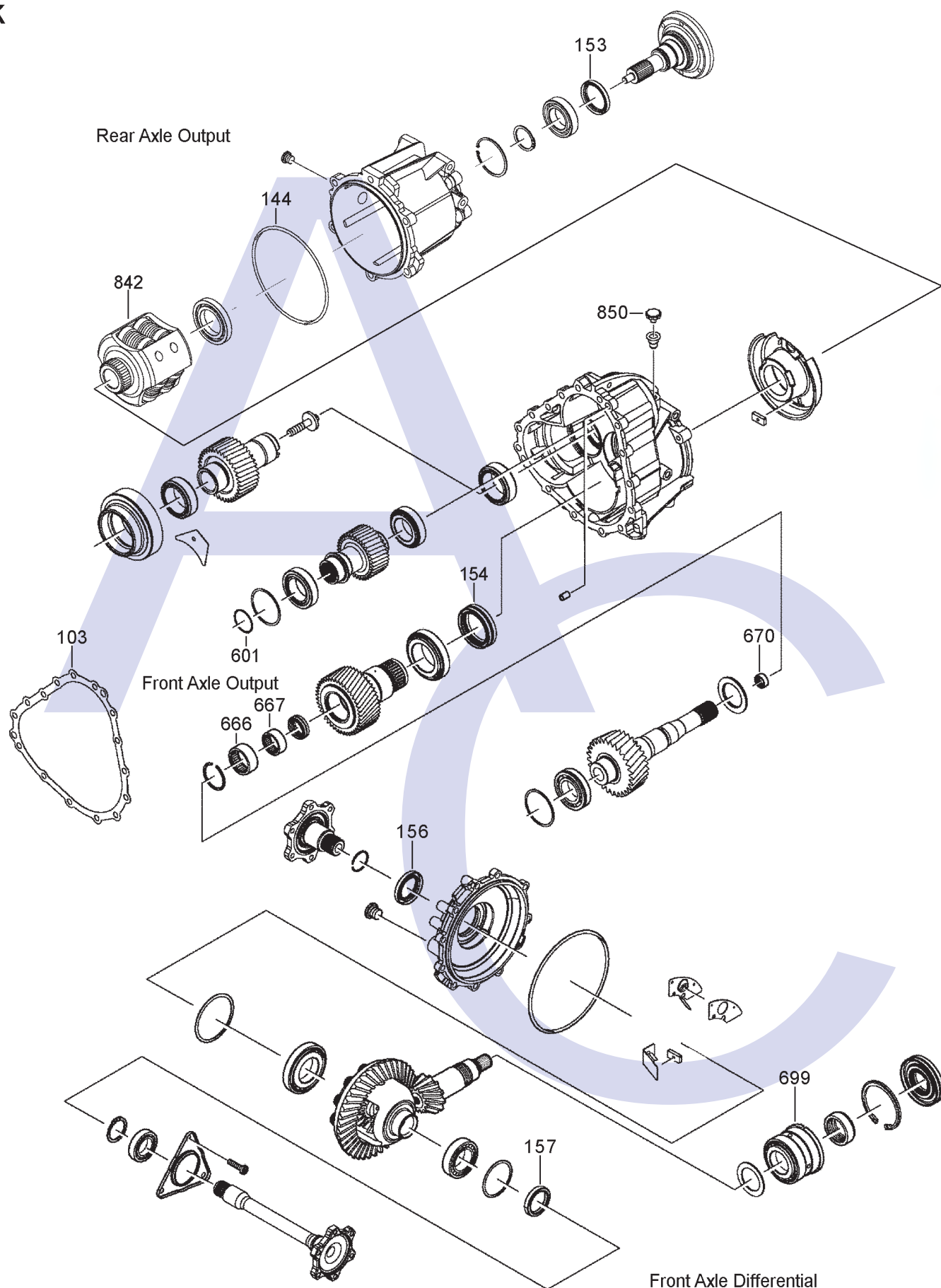


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THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

K



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THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
KITS				
Kit	Overhaul Kit (OEM).....	All	1	6HP19A.OHK01
Kit	Overhaul Kit (Transtec®).....	All	1	6HP19A.OHK02
GASKETS				
100J	Pan Gasket (VW/Audi Paper, 23 Holes) (Codes: 1071 040 009, 010, 013-016, 019-024, 026-041, 049-051)			
	(OEM)	All	1	6HP19A.GAS01
	(AM)	All	1	6HP19A.GAS51
100J	Pan Gasket (VW/Audi Metal/Rubber, 13 Holes) (Codes: 1071 040 048, 052, 059, 063-092, 094, 100-104, 107, 109-114)			
	(OEM)	All	1	6HP19A.GAS02
	(AM)	All	1	6HP19A.GAS52
103K	Rear Extension	All	1	6HP19A.GAS03
RUBBER COMPONENTS				
120A	'O' Ring, Pump to Stator	All	1	4HP24.OR01
121A	'O' Ring, Stator to Case	All	1	6HP19.OR03
127C	'O' Ring, 'E' Clutch Piston (Inner) All		1	6HP19.OR05
128C	'O' Ring, 'E' Clutch Piston (Outer) All		1	6HP19.OR06
129C	'O' Ring, 'E' Clutch Damper.....	All	1	4HP14.OR20
130E	'O' Ring, 'B' Clutch Damper Piston (Outer).....	All	1	6HP19.OR01
131E	'O' Ring, 'B' Clutch Piston (Inner)	All	1	6HP19.OR02
132E	'O' Ring, 'B' Clutch Piston (Outer).....	All	1	6HP19.OR01
143J	Case Connector 'O' Ring	All	2	5HP18.OR03
144K	'O' Ring, Distributor Hsg to Intermediate Hsg.....	All	1	5HP30.OR01
METAL CLAD SEALS				
150A	Front Pump	All	1	6HP26.MCS01
152J	Selector Shaft Seal (10mm x 18mm x 5mm)	All	1	3HP22.MCS03
153K	Rear Output Flange	All	1	6HP32A.MCS02
154K	Output Gear (OEM).....	All	1	6HP19A.MCS03
154K	Output Gear (AM)	All	1	6HP19A.MCS53
156K	Front Axle R/Hand (OEM)	All	1	6HP19A.MCS01
156K	Front Axle R/Hand (AM).....	All	1	6HP19A.MCS51
157K	Front Axle L/Hand	All	1	6HP19A.MCS02
MOULDED PISTONS				
171C	Damper Piston, 'E' Clutch	All	1	6HP19.PIS05
SEALING RINGS				
200A	Pump Stator (Front)	All	1	6HP26.SSR01
201A	Pump Stator (Rear).....	All	1	6HP26.SSR02
202C	Input Shaft ('E' Clutch)	All	3	6HP19A.SSR01
FRICTION PLATES				
Kit	Friction Plate (OEM) (Except Codes 1071 040 043, 085)			
	.....	All	1	6HP19.FRK01
250B	'A' Clutch	All	3-4	6HP19.FRP01
251C	'E' Clutch	All	4-6	6HP19.FRP02
252E	'B' Clutch	All	4-6	6HP19.FRP03
253F	'C' Brake.....	All	3-4	6HP19.FRP04
254G	'D' Brake.....	All	4-5	6HP19.FRP05

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
STEEL PLATES				
Kit	Steel Plate (OEM) (Except Codes 1071 040 043, 085)			
	.....	All	1	6HP19.STK02
300B	'A' Clutch Wavey Plate	All	1	6HP19.STP07
301B	'A' Clutch	All	3-4	6HP19.STP01
302C	'E' Clutch Wavey Plate	All	1	6HP19.STP08
303C	'E' Clutch	All	4-6	6HP19.STP03
304E	'B' Clutch	All	4-6	6HP19.STP04
305E	'B' Clutch Wavey Plate	All	1	6HP19.STP07
306F	'C' Brake.....	All	3-4	6HP19.STP05
307F	'C' Brake Wavey Plate.....	All	1	6HP19.STP09
308G	'D' Brake Wavey Plate.....	All	1	6HP19.STP10
309G	'D' Brake.....	All	4-5	6HP19.STP06
PRESSURE PLATES				
400B	'A' Clutch	All	1	6HP19.STP01
401C	'E' Clutch	All	1	6HP19.PP02
402E	'B' Clutch	All	1	6HP19.PP03
403F	'C' Brake.....	All	1	6HP19.PP04
404G	'D' Brake.....	All	1	6HP19.PP05
SPRINGS & CIRCLIPS				
410B	'A' Clutch Diaphragm Spring.....	All	1	6HP19.DIA01
411C	'E' Clutch Diaphragm Spring.....	All	1	6HP19.DIA02
412E	'B' Clutch Diaphragm Spring.....	All	1	6HP19.DIA03
413F	'C' Brake Diaphragm Spring.....	All	1	6HP19.DIA04
414G	'D' Brake Diaphragm Spring.....	All	1	6HP19.DIA05
435E	Circlip 'B' Clutch Retaining (Selective) (2.20mm).....	All	AR	6HP19.CIR01
	(2.40mm).....	All	AR	6HP19.CIR02
	(2.60mm).....	All	AR	6HP19.CIR03
	(2.80mm).....	All	AR	6HP19.CIR04
442G	Circlip 'D' Brake Retaining (Selective) (2.60mm).....	All	AR	6HP19.CIR05
	(2.80mm).....	All	AR	6HP19.CIR06
	(3.00mm).....	All	AR	6HP19.CIR07
FILTERS				
450J	Pick Up Filter (OE).....	All	1	6HP19A.FIL01
450J	Pick Up Filter (AM).....	All	1	6HP19A.FIL11
BUSHINGS				
Kit	Bushing Kit (10 Pieces Bronze)	All	1	6HP19.BK01
Kit	Bushing Kit (12 Pieces).....	All	1	6HP19.BK02
550A	Stator Support.....	All	1	5HP24.BUS02

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
THRUST WASHERS & BEARINGS				
600A	Shim, Selective (Rear of Pump)			
	(2.60mm Thick)..... All	AR		6HP26.SHIM01
	(2.80mm Thick)..... All	AR		6HP26.SHIM02
	(3.00mm Thick)..... All	AR		6HP26.SHIM03
	(3.20mm Thick)..... All	AR		6HP26.SHIM04
	(3.40mm Thick)..... All	AR		6HP26.SHIM05
	(3.60mm Thick)..... All	AR		6HP26.SHIM06
	(3.80mm Thick)..... All	AR		6HP26.SHIM07
	(4.00mm Thick)..... All	AR		6HP26.SHIM08
	(4.20mm Thick)..... All	AR		6HP26.SHIM09
	(4.40mm Thick)..... All	AR		6HP26.SHIM10
	(4.60mm Thick)..... All	AR		6HP26.SHIM11
	(4.80mm Thick)..... All	AR		6HP26.SHIM12
601K	Shim, Selective (Front Axle Output)			
	(1.00mm Thick)..... All	AR		6HP26.SHIM22
	(1.20mm Thick)..... All	AR		6HP26.SHIM13
	(1.40mm Thick)..... All	AR		6HP26.SHIM14
	(1.60mm Thick)..... All	AR		6HP26.SHIM15
	(1.80mm Thick)..... All	AR		6HP26.SHIM16
	(2.00mm Thick)..... All	AR		6HP26.SHIM17
	(2.20mm Thick)..... All	AR		6HP26.SHIM18
	(2.40mm Thick)..... All	AR		6HP26.SHIM19
	(2.60mm Thick)..... All	AR		6HP26.SHIM20
	(2.80mm Thick)..... All	AR		6HP26.SHIM21
650A	Needle Bearing			
	(Front Pump)..... All	1		6HP26.BE01
651C	Radial Bearing, 'E' Clutch to			
	Front Planetary..... All	1		6HP26.TOR01
652D	Radial Bearing, 'E' Clutch to			
	Sun Gear Shaft..... All	1		6HP19.TOR01
653D	Radial Bearing, Sun Gear Shaft to			
	Intermediate Shaft..... All	1		6HP19.TOR02
655E	Radial Bearing, Intermediate			
	Shaft to 'B' Clutch..... All	1		6HP19.TOR03
656F	Radial Bearing, 'B' Clutch to			
	'C' Brake..... All	1		6HP19.TOR04
658H	Radial Bearing,			
	'D' Brake to Rear Planetary..... All	1		6HP19.TOR05
659H	Radial Bearing,			
	Rear Planetary to Output Shaft. All	1		6HP19.TOR06
666K	Bearing, Output Gear (Front)..... All	1		6HP19A.BE02
667K	Bearing, Output Gear (Rear)..... All	1		6HP19A.BE01
670K	Needle Bearing,			
	Front Output Shaft..... All	1		6HP19.THW01
699K	Pinion Bearing Assy..... 96-ON	1		5HP19.BE05
ELECTRICAL COMPONENTS				
Kit	Solenoid Kit (OEM)			
	(Codes: 1071 040 003, 009, 010, 013-016, 019-024, 026 -028, 033-035, 037-040, 043-046, 052, 053, 055, 056, 057, 059, 063-067, 077-079, 107, 112-114, 122)			
	..... All	1		6HP19.SOL02
Kit	Solenoid Kit (OEM)			
	(Codes: 1071 040 029-032, 036, 041, 048-051, 058, 060, 068-076, 080-097, 100-106, 109-111, 115, 116)			
	..... All	1		6HP19.SOL03
700J	EDS1 Solenoid (PWM)			
	(Yellow Cap)..... All	1		6HP26.SOL03
700J	EDS1 Solenoid (PWM)			
	(Orange Cap)..... All	1		6HP19.SOL06
701J	EDS2 Solenoid (PWM)			
	(Blue Cap)..... All	1		6HP26.SOL04
701J	EDS2 Solenoid (PWM)			
	(Orange Cap)..... All	1		6HP19.SOL06
702J	EDS3 Solenoid (PWM)			
	(Yellow Cap)..... All	1		6HP26.SOL03

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
ELECTRICAL COMPONENTS Cont...				
703J	EDS5 Solenoid (PWM)			
	(Pressure Control Blue Cap)..... All	1		6HP26.SOL04
704J	EDS4 Solenoid (PWM)			
	(Blue Cap)..... All	1		6HP26.SOL04
705J	MV1 Solenoid (On/Off)			
	(Black Cap)..... All	1		6HP26.SOL02
706J	EDS6 Solenoid (PWM)			
	(TCC Control Yellow Cap)..... All	1		6HP26.SOL03
707J	MV3 Solenoid (On/Off)			
	(Park Lock, E Versions Only)..... All	1		6HP26.SOL05
708J	MV2 Solenoid (On/Off)			
	(Black Cap, E Versions Only)..... All	1		6HP26.SOL02
VALVE BODY PARTS				
Kit	Valve Body End Plug Kit..... All	1		6HP26.VA02
750J	Sealing Sleeve,			
	Valve Body to Case..... All	1		6HP26.TU01
751J	Sealing Sleeve,			
	Valve Body to Case..... All	3		6HP19.TU01
752J	Seal, Valve Body to Case..... All	1		6HP19.TU06
755J	Spring & Cap Assy			
	(Return Valve for Clutches & Retaining Valve for Converter Pressure)			
	..... All	2		6HP26.VA01
756J	Damper Piston..... All	6		5HP19.ACC02
NI	Bonded Rubber Intermediate Plate for			
	Mechatronic Unit / Valve Body			
	(Gen1, A & B052 Bonded to Plate)			
	(OEM)..... All	1		6HP26.SP01
	(AM)..... All	1		6HP26.SP51
	(Gen1, A & B051 Bonded to Plate)			
	(OEM)..... All	1		6HP26.SP03
	(AM)..... All	1		6HP26.SP53
Kit	Gen1 , Pressure Regulator Valve (Oversize)			
	Requires Toolkit 6HP19.VA02 & AG4.VA05 Universal Fixture			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA01
Kit	Toolkit for 6HP19.VA01			
	(Sonnax®)..... All	1		6HP19.VA02
Kit	Gen1 , Sleeve, Pressure Regulator Valve			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA03
Kit	Valve Body End Plug			
	(13mm & 17mm)			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA04
Kit	Gen1 , Valve Body End Plug (12mm)			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA05
Kit	Gen1 , Boost Valve & Sleeve			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA06
Kit	Gen1 & Gen2 , Accumulator Pistons & Springs			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA07
Kit	Gen1 , Lubrication Control Valve (Oversize)			
	Requires Toolkit 6HP19.VA09 & AG4.VA05 Universal Fixture			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA08
Kit	Toolkit for 6HP19.VA08			
	(Sonnax®)..... All	1		6HP19.VA09
Kit	Gen1 , Solenoid Pressure Regulator Valve (Oversize)			
	Requires Toolkit 6HP19.VA11 & AG4.VA05 Universal Fixture			
	(Sonnax® Click here for Info) ... All	1		6HP19.VA10
Kit	Toolkit for 6HP19.VA10			
	(Sonnax®)..... All	1		6HP19.VA11

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
VALVE BODY PARTS Cont...				
Kit	Gen1 & Gen2 , Converter Release Regulator Valve (Oversize) Requires Toolkit 6HP19.VA14 & AG4.VA05 Universal Fixture (Sonnax® Click here for Info) ... All	1	6HP19.VA13	
Kit	Toolkit for 6HP19.VA13 (Sonnax®)..... All	1	6HP19.VA14	
Kit	Gen1 , Bypass Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA16 & AG4.VA05 Universal Fixture (Sonnax® Click here for Info) ... All	1	6HP19.VA15	
Kit	Toolkit for 6HP19.VA15 (Sonnax®)..... All	1	6HP19.VA16	
Kit	Gen1 , 'D1'/E' Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA12 & AG4.VA05 Universal Fixture (Sonnax® Click here for Info) ... All	1	6HP19.VA17	
Kit	Gen1 , 'A' Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA12 & AG4.VA05 Universal Fixture (Sonnax® Click here for Info) ... All	1	6HP19.VA18	
Kit	Toolkit for 6HP19.VA17 & VA18 (Sonnax®)..... All	1	6HP19.VA12	
Kit	Valve Body Correction Package (1st Generation) (Sonnax® ZIP KIT) (Click here for Info) All	1	6HP19.ZIP01	
Kit	Valve Body Correction Package (2nd Generation) (Sonnax® ZIP KIT) (Click here for Info) All	1	6HP19.ZIP02	
HARD PARTS				
800A	Short Pump Assy All	1	6HP26.PUM01	
801A	Stator Assy (Codes: 1071 040 003, 009, 010, 013-016, 019-024, 026-041, 043-046, 048-053, 055-060, 063-097, 100-107, 109-116, 119-122) All	1	6HP19.PUM02	
805B	Front Planetary Kit (Codes 1071 040 021, 022, 023, 024, 027, 028, 030, 032, 033, 035, 038, 041, 048, 049, 050, 052, 065, 068, 071, 072, 076, 078, 081, 083, 086, 088, 089, 090, 094) All	1	6HP19.PLK01	
805B	Front Planetary Kit (Codes 1071 040 009, 010, 013, 014, 015, 016, 019, 020, 026, 029, 031, 034, 036, 037, 039, 040, 044, 051, 059, 063, 064, 066, 067, 069, 070, 073, 074, 075, 077, 079, 080, 082, 084, 085, 087, 091, 092, 093) All	1	6HP19.PLK02	
809C	'E' Clutch Drum & Input Shaft ... All	1	6HP19A.DRU01	
810C	'E' Clutch Piston..... All	1	6HP19.PIS02	
812D	Intermediate Shaft Please see Modification Info for Pre 01/2005 Vehicles All	1	6HP19.HUB01	
813D	Sun Gear Shaft..... All	1	6HP19.HUB02	
815E	Split Ring Retainer 'B' Clutch Diaphragm (Pair)..... All	1	6HP19.RET03	
816E	'B' Clutch Damper Piston All	1	6HP19.PIS06	
817E	'B' Clutch Piston..... All	1	6HP19.PIS03	
819F	Split Ring Retainer, 'C' Brake Diaphragm (Pair)..... All	1	6HP19.RET02	

[Click here for complete Sonnax® Valve Body Diagram](#)

[Vacuum Test Point Locations \(Sonnax®\) - Generation 1](#)

[Vacuum Test Point Locations \(Sonnax®\) - Generation 2](#)

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
HARD PARTS Cont...				
821F	'C'/D' Brake Drum (3/5 Plates) All	1	6HP19.DRU04	
818E	'B' Clutch Drum All	1	6HP19A.DRU02	
824H	Rear Planetary Kit..... All	1	6HP19.PLK03	
828H	Anulus, Rear Planetary..... All	1	6HP19.GE01	
840J	Oil Pan (Paper Gasket, 23 Holes) (Codes: 1071 040 009, 010, 013-016, 019-024, 026-041, 049-051) All	1	6HP19A.PAN01	
840J	Oil Pan (Metal/Rubber Gasket, 13 Holes) (Codes: 1071 040 048, 052, 059, 063-092, 094, 100-104, 107, 109-114) All	1	6HP19A.PAN02	
842K	Differential, Transfer Case All	1	6HP19A.DIFF02	
850K	Plastic Breather Cap All	1	5HP19.CAP01	
SPECIAL ITEMS				
900A	Bolt, Pump to Case W/Washer . All	11	6HP19.NUT01	
909J	Screw Plug, (M10x1)..... All	1	4HP20.PLU01	
920J	Bolt, Oil Pan to Case..... All	23	5HP19.NUT05	
NI	LifeGuardFluid8 Transmission Fluid (1 x 1 Ltr Bottle) All	AR	OIL.67	
	(1 x 10 Ltr Canister) All	AR	OIL.77	
	(1 x 20 Ltr Canister) All	AR	OIL.59	
	(1 x 209 Ltr Barrel)..... All	AR	OIL.65	
TOOLS & MANUALS				
Note: Fill differential and transfer box with gear oil Burmah SAF-AG4.				