

ZF 5HP19 (BMW) Transmission Code: 1060 000 xxx

5 SPEED RWD (Full Electronic Control)

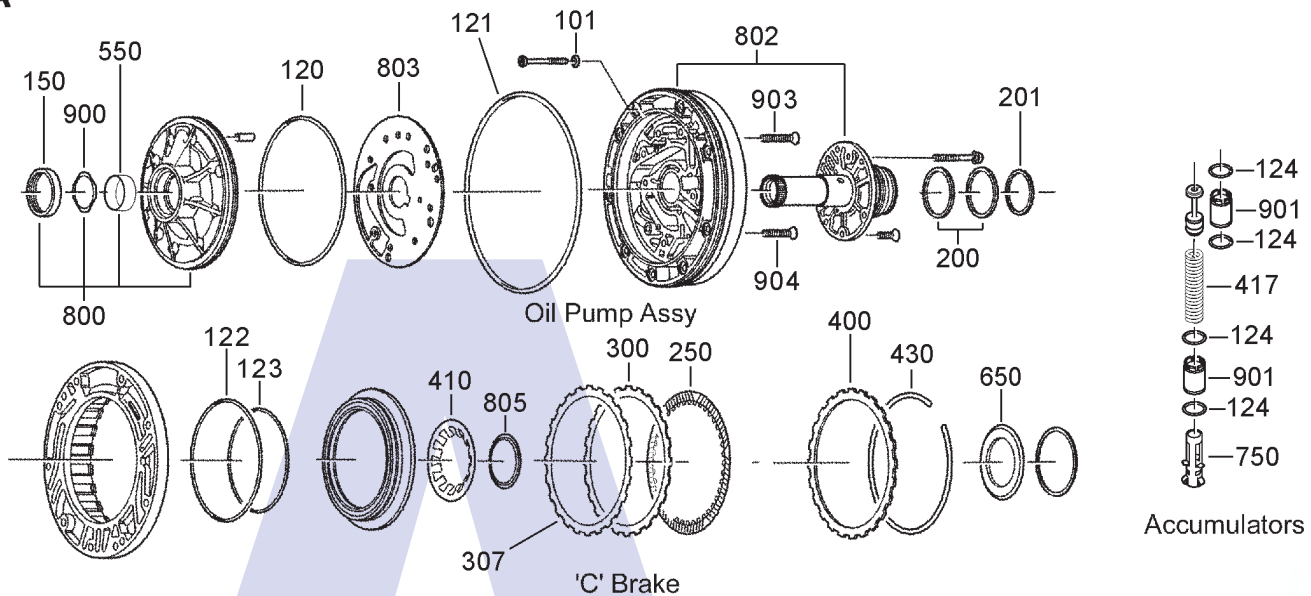


AUTOMATIC CHOICE

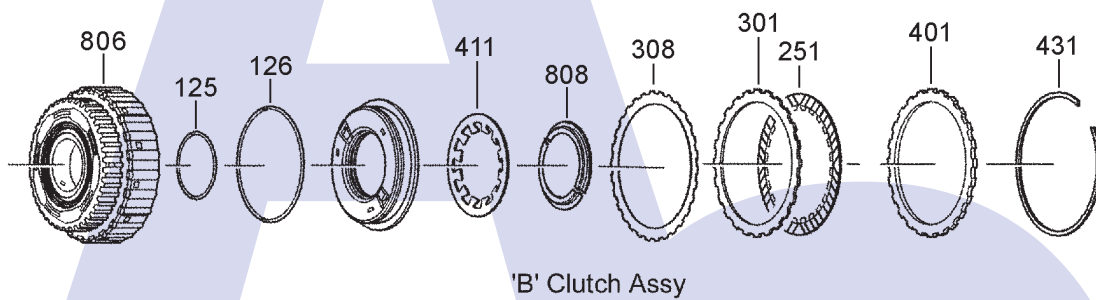


THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

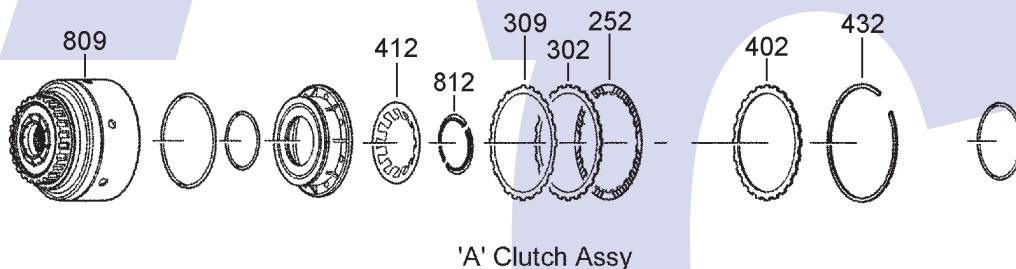
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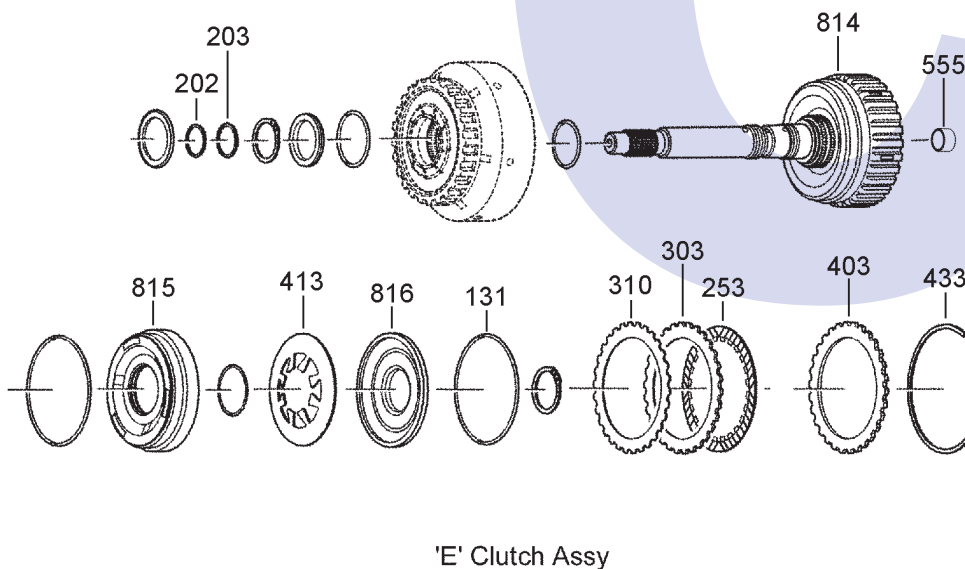
B



C



D



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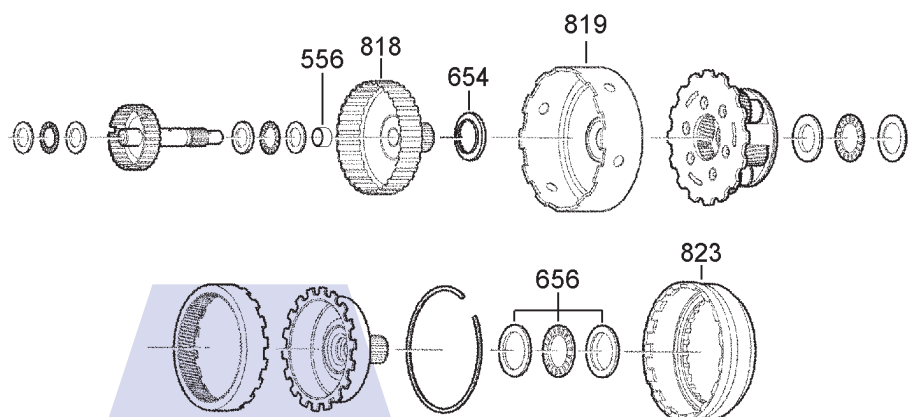


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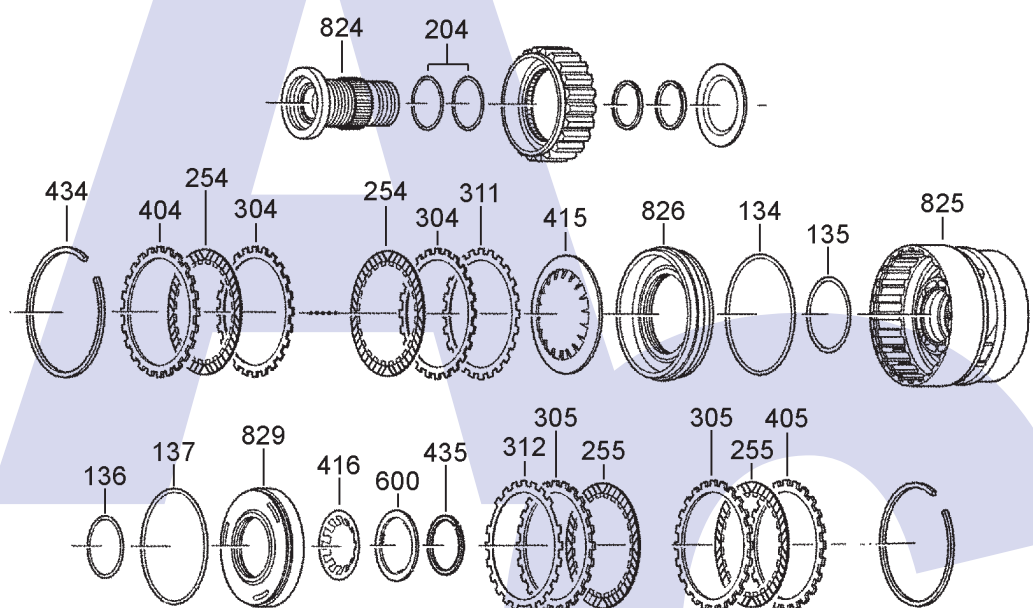
THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

E



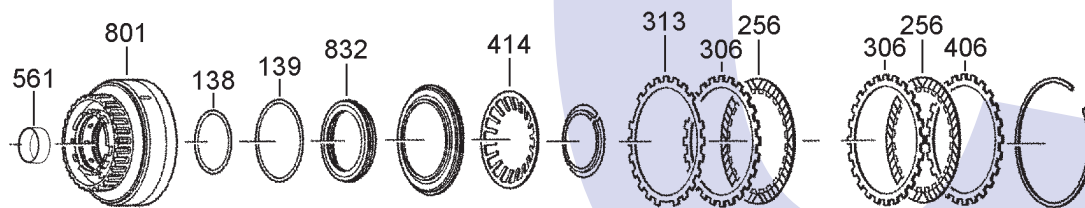
Front Planetary Assy

F



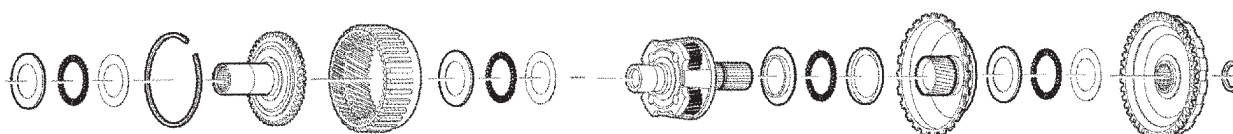
'D' & 'G' Brake Assy

G



'F' Clutch Assy

H



Rear Planetary Assy

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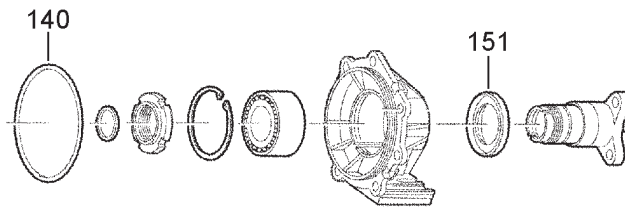


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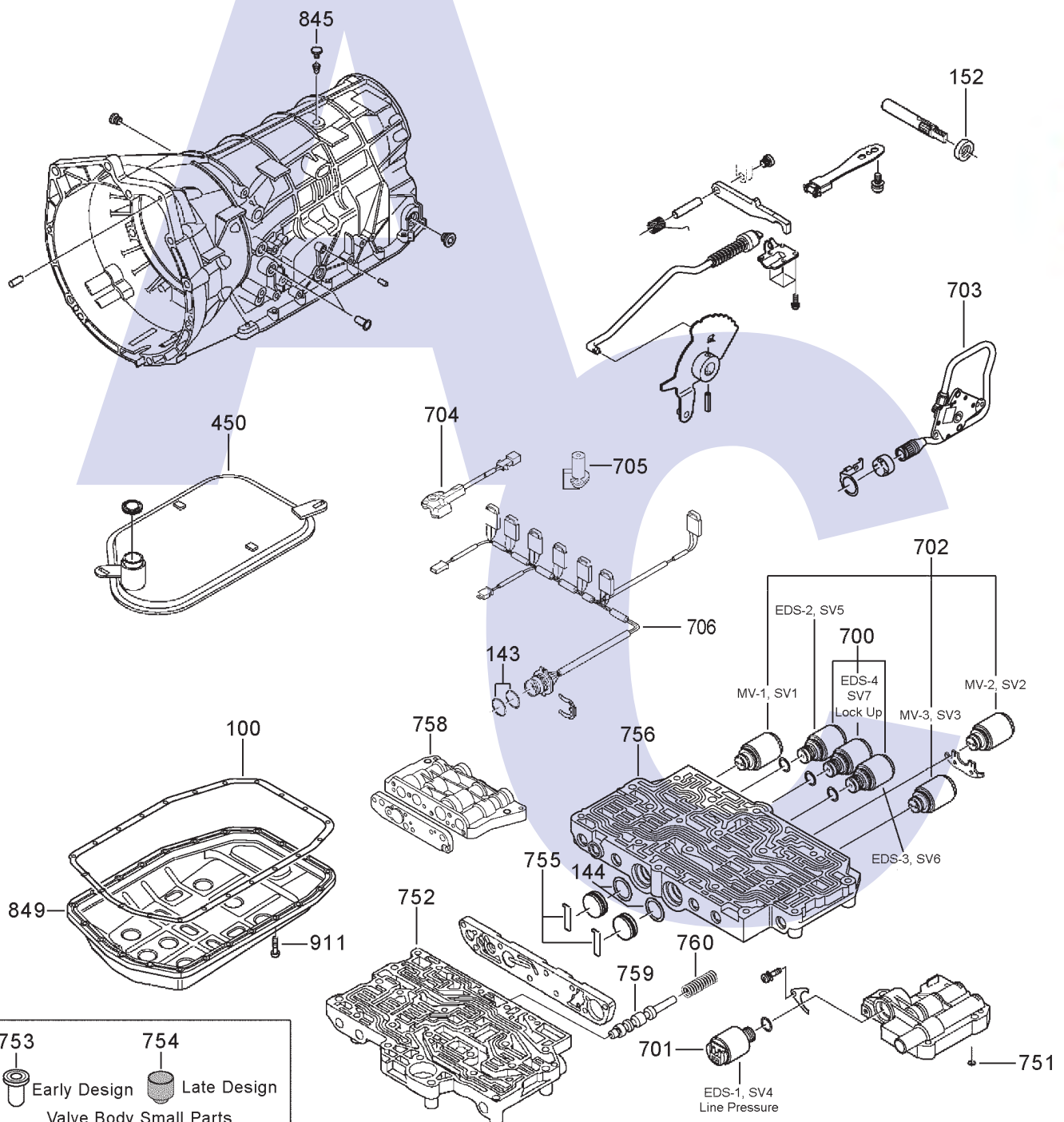
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J



Output Flange Assy

K



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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
KITS				
Kit	Overhaul Kit BMW (OEM)..... All		1	5HP19.OHK01
GASKETS				
100K	Pan Gasket..... All		1	5HP19.GAS01
101A	Pump Bolt Sealing Washer..... All		9	5HP18.GAS04
NI	Valve Body Gasket (OEM)..... All		1	5HP19.GAS02
NI	Valve Body Gasket (Precision) . All		1	5HP19.GAS52
RUBBER COMPONENTS				
120A	Pump to Stator 'O' Ring..... All		1	5HP19.OR01
121A	Stator to Case 'O' Ring..... All		1	5HP18.OR02
122A	'O' Ring, 'C' Brake Outer..... All		1	5HP19.OR11
123A	'O' Ring, 'C' Brake Inner..... All		1	5HP18.OR05
124A	'O' Ring, Accumulator Piston..... All		4	5HP19.OR05
125B	'O' Ring, 'B' Clutch Inner..... All		1	5HP19.OR08
126B	'O' Ring, 'B' Clutch Outer (Codes: 1060 000 004-011)..... All		1	6HP26.OR04
131D	'O' Ring, 'E' Clutch Damper..... All		1	5HP19.OR09
134F	'O' Ring, 'D' Clutch Outer..... All		1	5HP19.OR11
135F	'O' Ring, 'D' Clutch Inner..... All		1	5HP19.OR12
136F	'O' Ring, 'G' Brake Inner..... All		1	5HP19.OR08
137F	'O' Ring, 'G' Brake Outer..... All		1	5HP19.OR07
138G	'O' Ring, 'F' Brake Inner..... All		1	5HP19.OR09
139G	'O' Ring, 'F' Clutch Outer..... All		1	5HP19.OR08
140J	'O' Ring, Extension to Case..... All		1	6HP26.OR01
143K	Case Connector 'O' Ring..... All		2	5HP18.OR03
144K	'O' Ring, Valve Body End Plug.. All		2	5HP19.OR15
METAL CLAD SEALS				
150A	Converter Seal..... All		1	4HP18.MCS01
151J	Extension Seal (52mm x 68mm x 6mm)..... All		1	5HP19.MCS02
152K	Selector Shaft Seal (10mm x 18mm x 5mm)..... All		1	3HP22.MCS03
MOULDED PISTONS				
SEALING RINGS				
200A	Stator Support (Large)..... All		2	5HP19.SSR01
201A	Stator Support (Small)..... All		1	5HP19.SSR02
202D	Input Shaft Front (Small)..... All		1	5HP19.SSR03
203D	Input Shaft Rear (Large)..... All		1	5HP18.SSR04
204F	'D'/G' Carrier..... All		2	5HP18.SSR06
FRICTION PLATES				
Kit	Friction Kit..... All		1	5HP19.FRK01
Kit	Friction Kit (Alto)..... All		1	5HP19.FRK51
250A	Friction Plate 'C' Brake..... All		3-4	5HP19.FRP02
250A	Friction Plate 'C' Brake (Alto).... All		3-4	5HP19.FRP53
251B	Friction Plate 'B' Clutch..... All		2	5HP19.FRP01
251B	Friction Plate 'B' Clutch (Alto).... All		2	5HP19.FRP52
252C	Friction Plate 'A' Clutch..... All		4-5	5HP19.FRP03
252C	Friction Plate 'A' Clutch (Alto) ... All		4-5	5HP19.FRP51
253D	Friction Plate 'E' Clutch..... All		4-5	5HP19.FRP04
253D	Friction Plate 'E' Clutch (Alto) ... All		4-5	5HP19.FRP54
254F	Friction Plate 'D' Brake..... All		5-6	4HP18.FRP02
254F	Friction Plate 'D' Brake (Alto).... All		5-6	5HP19.FRP51
255F	Friction Plate 'G' Brake..... All		3-4	5HP19.FRP05
255F	Friction Plate 'G' Brake (Alto).... All		3-4	5HP19.FRP55

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
FRICTION PLATES Cont...				
256G	Friction Plate 'F' Clutch..... All		4-5	5HP19.FRP05
256G	Friction Plate 'F' Clutch (Alto).... All		4-5	5HP19.FRP55
STEEL PLATES				
Kit	Steel Plate Kit..... All		1	5HP19.STK01
300A	'C' Brake Codes (1060 000 004, 005, 006, 008, 009, 011)..... All		3	5HP19.STP01
300A	'C' Brake Codes (1060 000 007 & 1060 000 010)..... All		4	4HP20.PP06
301B	'B' Clutch..... All		2	5HP19.STP04
302C	'A' Clutch..... All		4-5	5HP19.STP02
303D	'E' Clutch..... All		4-5	5HP19.STP05
304F	'D' Brake..... All		5-6	5HP19.STP02
305F	'G' Brake..... All		3-4	5HP19.STP07
306G	'F' Clutch..... All		4-5	5HP19.STP03
307A	'C' Brake Waved Steel..... All		1	5HP19.STP10
308B	'B' Clutch Waved Steel..... All		1	5HP19.STP11
309C	'A' Clutch Waved Steel..... All		1	4HP18.STP03
310D	'E' Clutch Waved Steel..... All		1	5HP19.STP13
311F	'D' Brake Waved Steel..... All		1	5HP19.STP15
312F	'G' Brake Waved Steel..... All		1	5HP19.STP14
313G	'F' Clutch Waved Steel..... All		1	5HP19.STP14
PRESSURE PLATES				
400A	Pressure Plate 'C' Brake (4.00mm)..... All		1	5HP19.PP01
401B	Pressure Plate 'B' Clutch..... All		1	5HP19.PP02
402C	Pressure Plate 'A' Clutch..... All		1	5HP19.PP03
403D	Pressure Plate 'E' Clutch..... All		1	5HP19.PP04
404F	Pressure Plate 'D' Brake..... All		1	5HP19.PP03
405F	Pressure Plate 'G' Brake..... All		1	5HP19.PP06
406G	Pressure Plate 'F' Brake..... All		1	5HP19.STP03
SPRINGS & CIRCLIPS				
410A	Diaphragm Spring 'C' Brake..... All		1	5HP19.DIA01
411B	Diaphragm Spring 'B' Clutch..... All		1	5HP19.DIA02
412C	Diaphragm Spring 'A' Clutch..... All		1	5HP19.DIA03
413D	Diaphragm Spring 'E' Clutch..... All		1	5HP19.DIA04
414G	Diaphragm Spring 'F' Clutch..... All		1	5HP19.DIA05
415F	Diaphragm Spring 'D' Brake..... All		1	5HP19.DIA06
416F	Diaphragm Spring 'G' Brake..... All		1	5HP19.DIA07
417A	Spring, Accumulator in Stator ... All		1	5HP19.SPR01
430A	Circlip - 'C' Brake Retaining (2.80mm)		AR	5HP19.CIR01
430A	Circlip - 'C' Brake Retaining (2.60mm)		AR	5HP19.CIR02
430A	Circlip - 'C' Brake Retaining (2.40mm)		AR	5HP19.CIR03
430A	Circlip - 'C' Brake Retaining (2.20mm)		AR	5HP19.CIR04
430A	Circlip - 'C' Brake Retaining (2.00mm)		AR	5HP19.CIR05
430A	Circlip - 'C' Brake Retaining (1.80mm)		AR	5HP19.CIR06
430A	Circlip - 'C' Brake Retaining (1.60mm)		AR	5HP19.CIR07
430A	Circlip - 'C' Brake Retaining (1.40mm)		AR	5HP19.CIR08
431B	Circlip - 'B' Clutch Retaining (2.00mm)		AR	5HP19.CIR09
431B	Circlip - 'B' Clutch Retaining (1.80mm)		AR	5HP19.CIR10
431B	Circlip - 'B' Clutch Retaining (1.60mm)		AR	5HP19.CIR11
431B	Circlip - 'B' Clutch Retaining (1.40mm)		AR	5HP19.CIR12
431B	Circlip - 'B' Clutch Retaining (1.20mm)		AR	5HP19.CIR13
431B	Circlip - 'B' Clutch Retaining (1.00mm)		AR	5HP19.CIR14
432C	Circlip - 'A' Clutch Retaining (2.80mm)		AR	5HP19.CIR15
432C	Circlip - 'A' Clutch Retaining (2.60mm)		AR	5HP19.CIR16
432C	Circlip - 'A' Clutch Retaining (2.40mm)		AR	5HP19.CIR17
432C	Circlip - 'A' Clutch Retaining (2.20mm)		AR	5HP19.CIR18

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SPRINGS & CIRCLIPS Cont...				
432C	Circlip - 'A' Clutch Retaining (2.00mm)		AR	5HP19.CIR19
432C	Circlip - 'A' Clutch Retaining (1.80mm)		AR	5HP19.CIR20
432C	Circlip - 'A' Clutch Retaining (1.60mm)		AR	5HP19.CIR21
432C	Circlip - 'A' Clutch Retaining (1.40mm)		AR	5HP19.CIR22
432C	Circlip - 'A' Clutch Retaining (1.20mm)		AR	5HP19.CIR23
432C	Circlip - 'A' Clutch Retaining (1.00mm)		AR	5HP19.CIR24
433D	Circlip - 'E' Clutch Retaining (2.80mm)		AR	5HP19.CIR25
433D	Circlip - 'E' Clutch Retaining (2.60mm)		AR	5HP19.CIR26
433D	Circlip - 'E' Clutch Retaining (2.40mm)		AR	5HP19.CIR27
433D	Circlip - 'E' Clutch Retaining (2.20mm)		AR	5HP19.CIR28
433D	Circlip - 'E' Clutch Retaining (2.00mm)		AR	5HP19.CIR29
433D	Circlip - 'E' Clutch Retaining (1.80mm)		AR	5HP19.CIR30
433D	Circlip - 'E' Clutch Retaining (1.60mm)		AR	5HP19.CIR31
433D	Circlip - 'E' Clutch Retaining (1.50mm)		AR	5HP19.CIR32
433D	Circlip - 'E' Clutch Retaining (1.40mm)		AR	5HP19.CIR33
433D	Circlip - 'E' Clutch Retaining (1.20mm)		AR	5HP19.CIR34
433D	Circlip - 'E' Clutch Retaining (1.00mm)		AR	5HP19.CIR35
434F	Circlip - 'D' Brake Retaining (4.20mm)		AR	5HP19.CIR36
434F	Circlip - 'D' Brake Retaining (4.00mm)		AR	5HP19.CIR37
435F	'G' Brake Thrust Ret Circlip..... All		1	5HP18.CIR02
FILTERS				
450K	Pan Filter..... All		1	5HP19.FIL01
450K	Pan Filter (OEM)..... All		1	5HP19.FIL10
NI	Valve Body Oil Screen..... All		1	5HP19.FIL04
BUSHINGS				
Kit	Bushing Kit..... All		1	5HP19.BK01
550A	Pump Body Bush (Oversize OD) (Pump requires machining) (Sonnax® Click here for Info) ... All		1	5HP19.BUS01
550A	Pump Body Bush (Oversize OD & Undersize ID) (Pump requires machining & Bush requires machining after fitting to fit converter neck) (Sonnax® Click here for Info) .. All		1	5HP19.BUS02
555D	Bushing, 'E' Clutch Rear (15mm OD x 12mm ID x 10.20mm) All		1	5HP19.BUS03
556E	Bushing, Sun Gear Shaft (15mm OD x 12mm ID x 10.20mm) All		1	5HP19.BUS03
561G	'F' Clutch Drum (Bronze)..... All		1	5HP18.BUS05
561G	'F' Clutch Drum (Sonnax)..... All		1	5HP18.BUS07
THRUST WASHERS & BEARINGS				
600F	'G' Brake Thrust Plate..... All		1	5HP18.THW01
650A	Bearing Radial, Rear of Stator Support..... All		1	5HP19.TOR01
654E	Bearing Radial, Sun Gear Shaft to Sun Gear Shell..... All		1	5HP19.BE04
656E	Bearing Kit, Shaft to Carrier..... All		1	5HP18.TK05
ELECTRICAL COMPONENTS				
Kit	Solenoid Set (All Solenoids) All		1	5HP19.SOL10
700K	Solenoid (PWM)..... All		3	5HP19.SOL01
701K	Solenoid Main Pressure Reg All		1	5HP19.SOL02
702K	Solenoid Shift (On Off)..... All		3	5HP19.SOL03
703K	Range Switch..... All		1	5HP19.ELE02
704K	Turbine Speed Sensor (Hall Effect)..... All		1	5HP19.ELE03
705K	Output Speed Sensor (Inductive) (Fits on Valve Body)..... All		1	5HP18.ELE01
706K	Valve Body Loom..... All		1	5HP19.ELE09

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
VALVE BODY PARTS				
750A	Valve Sleeve (Fitted in Oil Pump)..... All		1	5HP19.VA01
751K	Orifice Disc/Valve (Pressure Reg Body) All		1	5HP19.VA07
752K	Lower Front Valve Housing..... All		1	5HP19.VB03
753K	Damper Plug (Rubber) (Early Design) All		3	5HP19.ACC01
754K	Damper Plug (Aluminium) (Late Design) All		3	5HP19.ACC02
755K	Retainer Valve Body End Plug.. All		2	5HP19.RET03
756K	Lower Rear Valve Housing All		1	5HP19.VB04
758K	Valve Body Housing, Upper Front (Codes: 1060 000 006, 010) All		1	5HP19.VB11
758K	Valve Body Housing, Upper Front (Codes: 1060 000 004, 005, 007, 008, 009, 011) All		1	5HP19.VB14
759K	Valve Pressure Regulator All		1	5HP19.VA09
760K	Spring, Pressure Regulator..... All		1	5HP19.SPR03
Kit	Pressure Regulator Valve (Late E18.2 Valve Body) (Requires Toolkit 5HP19.VA05) (Sonnax® Click Here for Info)... All		1	5HP19.VA04
Kit	Toolkit for 5HP19.VA04 (Sonnax®)..... All		1	5HP19.VA05
Kit	Oversized TCC Apply Valve, Requires Toolkit 5HP19.VA11 & Universal Valve Body Fixture AG4.VA05 (Sonnax® Click Here for Info) ... All		1	5HP19.VA10
Kit	Toolkit for 5HP19.VA10 (Sonnax®)..... All		1	5HP19.VA11
Kit	Oversized Lubrication Valve, Requires Toolkit 5HP19.VA13 & Universal Valve Body Fixture AG4.VA05 (Sonnax® Click Here for Info)... All		1	5HP19.VA12
Kit	Toolkit for 5HP19.VA12 (Sonnax®)..... All		1	5HP19.VA13
Kit	Oversized Pressure Modulator Valve, Requires Toolkit 5HP19.VA15 & Universal Valve Body Fixture AG4.VA05 (Sonnax® Click Here for Info)... All		1	5HP19.VA14
Kit	Toolkit for 5HP19.VA14 (Sonnax®)..... All		1	5HP19.VA15
NI	Accumulator Piston (Fit in V. Body) ('E' & 'F')..... All		2	5HP18.VA03
NI	'F' Accumulator Spring (Codes 1060 000 004, 005, 006, 007, 008, 009, 010, 011) All		1	4HP14.SPR23
NI	'E' Accumulator Spring (Codes 1060 000 004, 005, 006, 007, 008, 009, 010, 011) All		1	4HP14.SPR24
NI	Accumulator Piston (Fits in V. Body) (Modified Plastic) ('A' & 'D')..... All		1	5HP24.ACC01
NI	Valve Body Oil Screen All		1	5HP19.FIL04
NI	Orifice Plate 9In Vave Body) (1.00mm)..... All		AR	4HP18.VA03
NI	(1.40mm)..... All		AR	4HP18.VA04
NI	Accumulator Piston (Small Fits in Duct Plate) All		3	5HP24.VA06
HARDWARE				
800A	Short Pump Assy All		1	5HP19.PUM02
801G	'F' Clutch Cylinder (5 Plate) (Codes 1060 000 005, 006, 007, 009, 010, 011) All		1	5HP19.DRU04
801G	'F' Clutch Cylinder (4 Plate) (Codes 1060 000 004 & 008).... All		1	5HP19.DRU05
802A	Pump Stator & Plate All		1	5HP19.SUP02

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HARDWARE Cont...				
803A	Pump Wear Plate..... All		1	5HP19.SP02
805A	Retainer, 'C' Brake Diaphragm.. All		1	5HP19.RET04
806B	'B' Clutch Cylinder..... All		1	5HP19.DRU11
808B	Retainer, 'B' Clutch Diaphragm. All		1	5HP19.RET04
809C	'A' Clutch Cylinder..... All		1	5HP19.DRU07
812C	Retainer 'A' Clutch All		1	5HP19.RET01
814D	'E' Clutch Cylinder, (Codes: 1060 000 004, 005, 006, 007, 008, 009, 010, 011) All		1	5HP19.DRU13
815D	Piston, 'E' Clutch, (Codes: 1060 000 005, 006, 007, 009, 010, 011) All		1	5HP19.PIS04
816D	Damper Piston, 'E' Clutch, (Codes: 1060 000 004, 005, 006, 007, 008, 009, 010, 011) All		1	5HP19.PIS05
818E	Sun Gear Shaft..... All		1	5HP19.SH01
819E	Drive Shell/Sun Gear (Fits 1060 000 007 Only) All		1	5HP19.POT01
823E	Spider CL.Bell..... All		1	5HP19.PL01
824F	Carrier & OWC Inner..... All		1	5HP19.OWC02
825F	'D'/G' Drum 5/3 Plates (Codes 1060 000 004 & 008..... All		1	5HP18.DRU03
825F	'D'/G' Drum 6/4 Plates (Except Codes 1060 000 004 & 008		1	5HP18.DRU02
826F	'D'Brake (aluminium)..... All		1	5HP18.PIS03
829F	Piston 'G' Brake (aluminium)..... All		1	5HP19.PIS02
832G	Piston 'F' Clutch All		1	5HP19.PIS01
845K	Plastic Breather Cap All		1	5HP19.CAP01
849K	Oil Pan All		1	5HP19.PAN02
SPECIAL ITEMS				
900A	Washer - Oil Dam (Fits Behind T.C. Seal) All		1	5HP19.THW01
901A	Sealing Tube (Pump Stator)..... All		2	5HP19.TU01
903A	Bolt, Pump to Stator (48mm) All		1	5HP19.NUT04
SPECIAL ITEMS Cont...				
904A	Bolt, Pump to Stator (40mm) All		8	5HP19.NUT03
911K	Bolt, Oil Pan to Case..... All		22	5HP19.NUT06
NI	Repair Manual (OEM) All			5HP19.MAN01
NI	Factory Repair Manual (ATSG). All			5HP19.MAN03
NI	LifeGuardFluid5 x 1Ltr Bottle (Esso LT71141) All	AR		OIL.50
NI	LifeGuardFluid5 x 20Ltr Canister (Esso LT71141) All	AR		OIL.51
NI	LifeGuardFluid5 x 209Ltr Drum (Esso LT71141) All	AR		OIL.52
MANUALS & SPECIAL TOOLS				
Click here to view special tools for this transmission				