

# ZF 6HP19A VW/Audi Code 1071 040 xxx

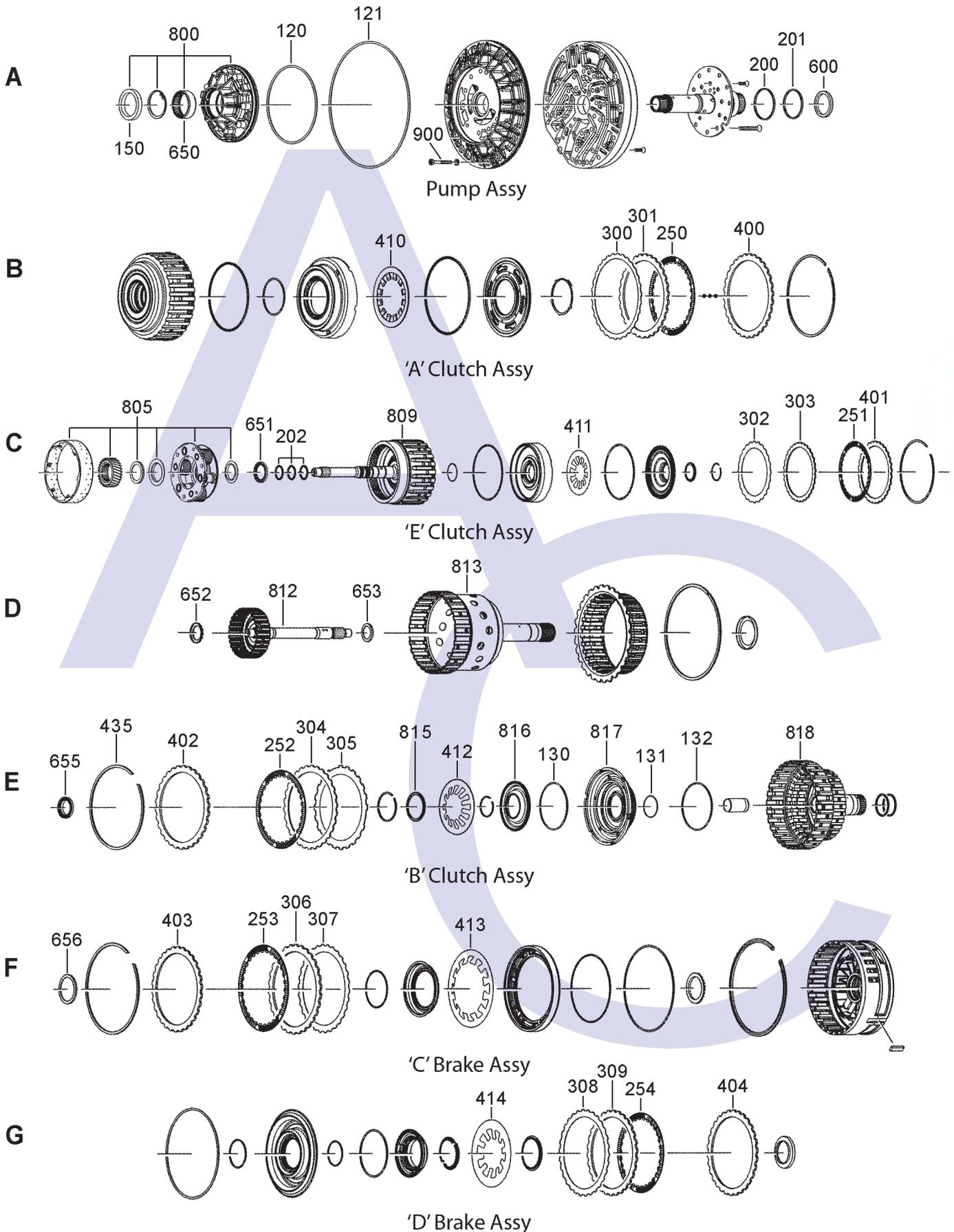
## 6 SPEED IN LINE AWD (Full Electronic Control)



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE



# ZF 6HP19A VW/Audi Code 1071 040 xxx

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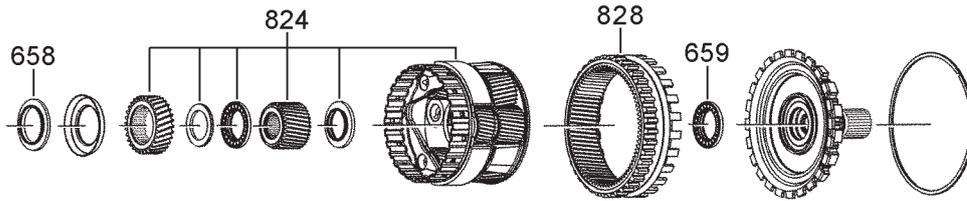


AUTOMATIC CHOICE



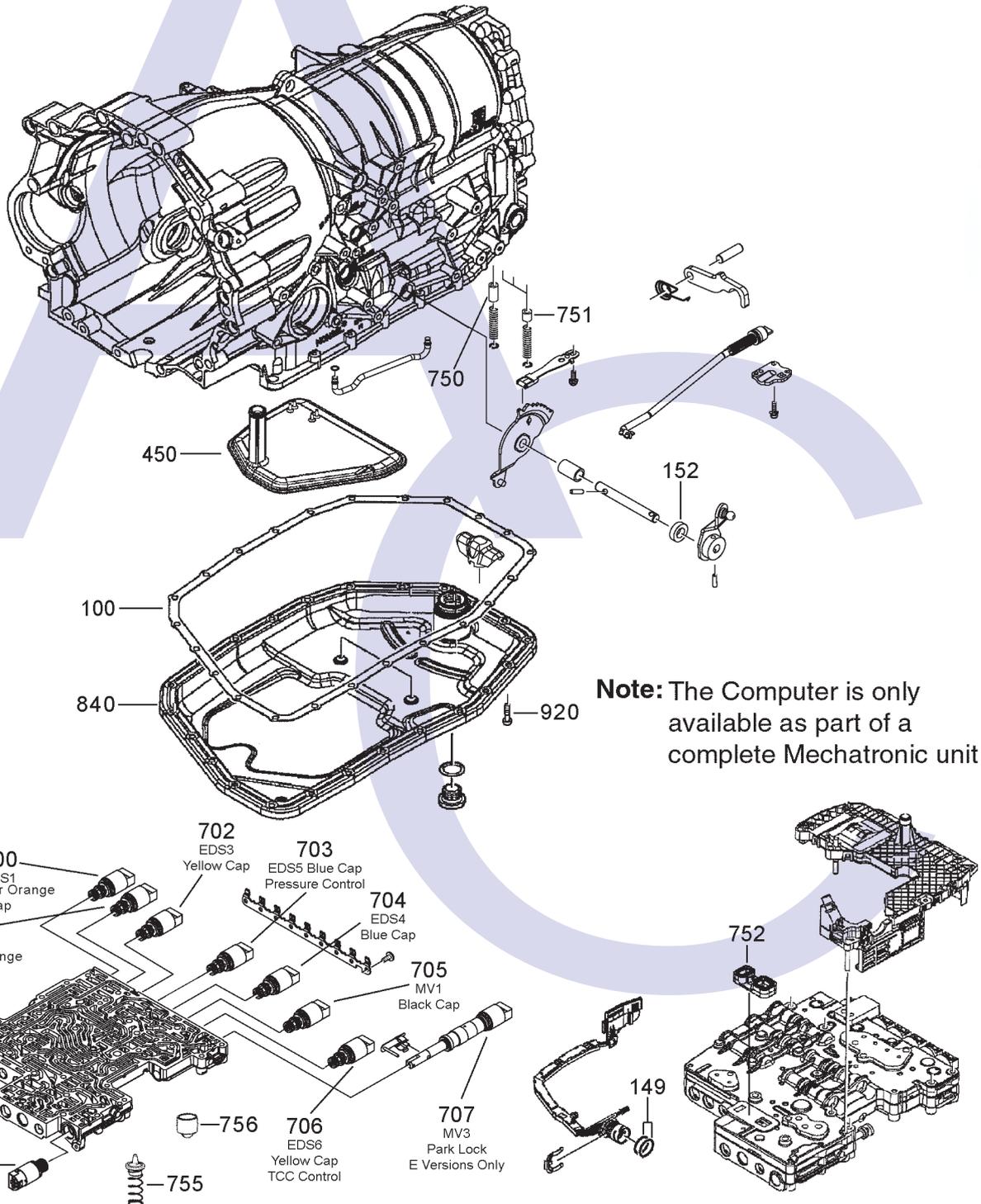
THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

H



Rear Planetary Assembly

J



**Note:** The Computer is only available as part of a complete Mechatronic unit

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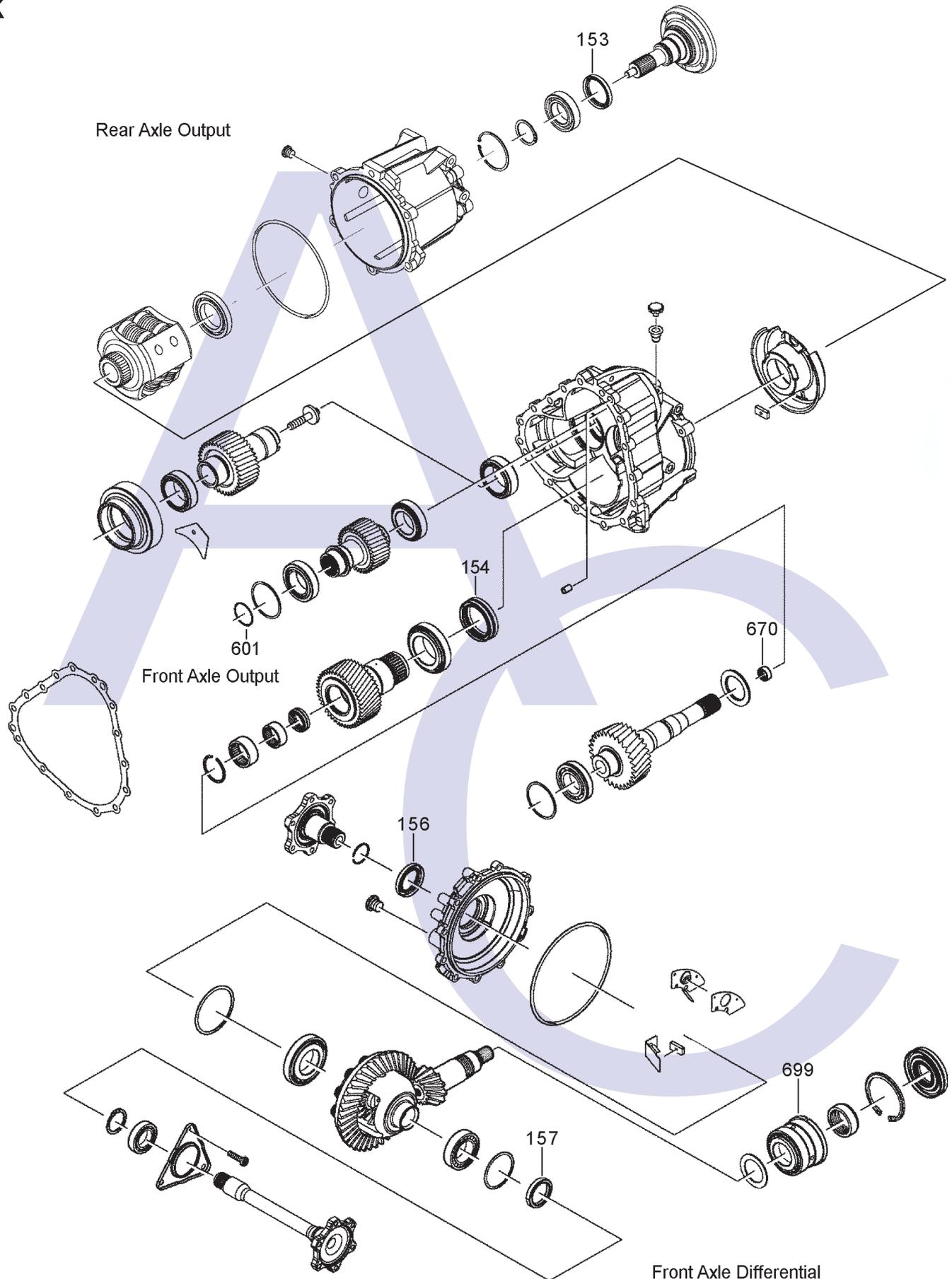


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THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

K



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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
<b>KITS</b>				
Kit	Overhaul Kit (OEM).....	All	1	<b>6HP19A.OHK01</b>
<b>GASKETS</b>				
100J	Pan Gasket (VW/Audi Paper) (Codes: <b>1071 040</b> 009, 010, 013-016, 019-024, 026-041, 049-051) (OEM) .....	All	1	<b>6HP19A.GAS01</b>
	(AM) .....	All	1	<b>6HP19A.GAS51</b>
100J	Pan Gasket (VW/Audi Metal/Rubber) (Codes: <b>1071 040</b> 048, 052, 059, 063-092, 094, 100-104, 107, 109-114) (OEM) .....	All	1	<b>6HP19A.GAS02</b>
	(AM) .....	All	1	<b>6HP19A.GAS52</b>
<b>RUBBER COMPONENTS</b>				
120A	'O' Ring, Pump to Stator .....	All	1	<b>4HP24.OR01</b>
121A	'O' Ring, Stator to Case .....	All	1	<b>6HP19.OR03</b>
130E	'O' Ring, 'B' Clutch Damper Piston (Outer).....	All	1	<b>6HP19.OR01</b>
131E	'O' Ring, 'B' Clutch Piston (Inner) .....	All	1	<b>6HP19.OR02</b>
132E	'O' Ring, 'B' Clutch Piston (Outer).....	All	1	<b>6HP19.OR01</b>
149J	Case Connector 'O' Ring .....	All	2	<b>5HP18.OR03</b>
<b>METAL CLAD SEALS</b>				
150A	Front Pump .....	All	1	<b>6HP26.MCS01</b>
152J	Selector Shaft Seal (10mm x 18mm x 5mm) .....	All	1	<b>3HP22.MCS03</b>
153K	Rear Output Flange .....	All	1	<b>6HP32A.MCS02</b>
154K	Output Gear (OEM).....	All	1	<b>6HP19A.MCS03</b>
154K	Output Gear (AM) .....	All	1	<b>6HP19A.MCS53</b>
156K	Front Axle R/Hand (OEM).....	All	1	<b>6HP19A.MCS01</b>
156K	Front Axle R/Hand (AM).....	All	1	<b>6HP19A.MCS51</b>
157K	Front Axle L/Hand .....	All	1	<b>6HP19A.MCS02</b>
<b>MOULDED PISTONS</b>				
<b>SEALING RINGS</b>				
200A	Pump Stator (Front) .....	All	1	<b>6HP26.SSR01</b>
201A	Pump Stator (Rear).....	All	1	<b>6HP26.SSR02</b>
202C	Input Shaft ('E' Clutch) .....	All	3	<b>5HP19SSR03</b>
<b>FRICITION PLATES</b>				
Kit	Friction Plate (OEM) (Except Codes <b>1071 040</b> 043, 085) .....	All	1	<b>6HP19.FRK01</b>
250B	'A' Clutch .....	All	3-4	<b>6HP19.FRP01</b>
251C	'E' Clutch .....	All	3-4	<b>6HP19.FRP02</b>
252E	'B' Clutch .....	All	4-5	<b>6HP19.FRP03</b>
253F	'C' Brake.....	All	3-4	<b>6HP19.FRP04</b>
254G	'D' Brake.....	All	4-5	<b>6HP19.FRP05</b>
<b>STEEL PLATES</b>				
Kit	Steel Plate (OEM) (Except Codes <b>1071 040</b> 043, 085) .....	All	1	<b>6HP19.STK02</b>

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
<b>STEEL PLATES Cont...</b>				
300B	'A' Clutch Wavy Plate.....	All	1	<b>6HP19.STP07</b>
301B	'A' Clutch .....	All	3-4	<b>6HP19.STP01</b>
302C	'E' Clutch Wavy Plate .....	All	1	<b>6HP19.STP08</b>
303C	'E' Clutch .....	All	3-4	<b>6HP19.STP03</b>
304E	'B' Clutch .....	All	4-5	<b>6HP19.STP04</b>
305E	'B' Clutch Wavy Plate.....	All	1	<b>6HP19.STP07</b>
306F	'C' Brake.....	All	3-4	<b>6HP19.STP05</b>
307F	'C' Brake Wavy Plate.....	All	1	<b>6HP19.STP09</b>
308G	'D' Brake Wavy Plate.....	All	1	<b>6HP19.STP10</b>
309G	'D' Brake.....	All	4-5	<b>6HP19.STP06</b>
<b>PRESSURE PLATES</b>				
400B	'A' Clutch .....	All	1	<b>6HP19.STP01</b>
401C	'E' Clutch .....	All	1	<b>6HP19.PP02</b>
402E	'B' Clutch .....	All	1	<b>6HP19.PP03</b>
403F	'C' Brake.....	All	1	<b>6HP19.PP04</b>
404G	'D' Brake.....	All	1	<b>6HP19.PP05</b>
<b>SPRINGS &amp; CIRCLIPS</b>				
410B	'A' Clutch Diaphragm Spring.....	All	1	<b>6HP19.DIA01</b>
411C	'E' Clutch Diaphragm Spring.....	All	1	<b>6HP19.DIA02</b>
412E	'B' Clutch Diaphragm Spring.....	All	1	<b>6HP19.DIA03</b>
413F	'C' Brake Diaphragm Spring.....	All	1	<b>6HP19.DIA04</b>
414G	'D' Brake Diaphragm Spring.....	All	1	<b>6HP19.DIA05</b>
435E	Circlip 'B' Clutch Retaining (Selective) (2.20mm).....	All	AR	<b>6HP19.CIR01</b>
	(2.40mm).....	All	AR	<b>6HP19.CIR02</b>
	(2.60mm).....	All	AR	<b>6HP19.CIR03</b>
	(2.80mm).....	All	AR	<b>6HP19.CIR04</b>
<b>FILTERS</b>				
450J	Pick Up Filter.....	All	1	<b>6HP19A.FIL01</b>
<b>BUSHINGS</b>				
Kit	Bushing Kit (10 Pieces Bronze) .....	All	1	<b>6HP19.BK01</b>
<b>THRUST WASHERS &amp; BEARINGS</b>				
600A	Shim, Selective (Rear of Pump) (2.60mm Thick) .....	All	AR	<b>6HP26.SHIM01</b>
	(2.80mm Thick) .....	All	AR	<b>6HP26.SHIM02</b>
	(3.00mm Thick) .....	All	AR	<b>6HP26.SHIM03</b>
	(3.20mm Thick) .....	All	AR	<b>6HP26.SHIM04</b>
	(3.40mm Thick) .....	All	AR	<b>6HP26.SHIM05</b>
	(3.60mm Thick) .....	All	AR	<b>6HP26.SHIM06</b>
	(3.80mm Thick) .....	All	AR	<b>6HP26.SHIM07</b>
	(4.00mm Thick) .....	All	AR	<b>6HP26.SHIM08</b>
	(4.20mm Thick) .....	All	AR	<b>6HP26.SHIM09</b>
	(4.40mm Thick) .....	All	AR	<b>6HP26.SHIM10</b>
	(4.60mm Thick) .....	All	AR	<b>6HP26.SHIM11</b>
	(4.80mm Thick) .....	All	AR	<b>6HP26.SHIM12</b>
601K	Shim, Selective (Front Axle Output) (1.00mm Thick) .....	All	AR	<b>6HP26.SHIM22</b>
	(1.20mm Thick) .....	All	AR	<b>6HP26.SHIM13</b>
	(1.40mm Thick) .....	All	AR	<b>6HP26.SHIM14</b>
	(1.60mm Thick) .....	All	AR	<b>6HP26.SHIM15</b>
	(1.80mm Thick) .....	All	AR	<b>6HP26.SHIM16</b>
	(2.00mm Thick) .....	All	AR	<b>6HP26.SHIM17</b>

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<b>THRUST WASHERS &amp; BEARINGS Cont...</b>				
	(2.20mm Thick) .....	All	AR	<b>6HP26.SHIM18</b>
	(2.40mm Thick) .....	All	AR	<b>6HP26.SHIM19</b>
	(2.60mm Thick) .....	All	AR	<b>6HP26.SHIM20</b>
	(2.80mm Thick) .....	All	AR	<b>6HP26.SHIM21</b>
650A	Needle Bearing (Front Pump).....	All	1	<b>6HP26.BE01</b>
651C	Radial Bearing, 'E' Clutch to Front Planetary .....	All	1	<b>6HP26.TOR01</b>
652D	Radial Bearing, 'E' Clutch to Sun Gear Shaft .....	All	1	<b>6HP19.TOR01</b>
653D	Radial Bearing, Sun Gear Shaft to Intermediate Shaft.....	All	1	<b>6HP19.TOR02</b>
655E	Radial Bearing, Intermediate Shaft to 'B' Clutch.....	All	1	<b>6HP19.TOR03</b>
656F	Radial Bearing, 'B' Clutch to 'C' Brake.....	All	1	<b>6HP19.TOR04</b>
658H	Radial Bearing, 'D' Brake to Rear Planetary.....	All	1	<b>6HP19.TOR05</b>
659H	Radial Bearing, Rear Planetary to Output Shaft. All		1	<b>6HP19.TOR06</b>
670K	Needle Bearing, Front Output Shaft .....	All	1	<b>6HP19.THW01</b>
699K	Pinion Bearing Assy .....	96-ON	1	<b>5HP19.BE05</b>
<b>ELECTRICAL COMPONENTS</b>				
700J	EDS1 Solenoid (PWM) (Yellow Cap).....	All	1	<b>6HP26.SOL03</b>
700J	EDS1 Solenoid (PWM) (Orange Cap).....	All	1	<b>6HP19.SOL06</b>
701J	EDS2 Solenoid (PWM) (Blue Cap).....	All	1	<b>6HP26.SOL04</b>
701J	EDS2 Solenoid (PWM) (Orange Cap).....	All	1	<b>6HP19.SOL06</b>
702J	EDS3 Solenoid (PWM) (Yellow Cap).....	All	1	<b>6HP26.SOL03</b>
703J	EDS5 Solenoid (PWM) (Pressure Control Blue Cap).....	All	1	<b>6HP26.SOL04</b>
704J	EDS4 Solenoid (PWM) (Blue Cap).....	All	1	<b>6HP26.SOL04</b>
705J	MV1 Solenoid (On/Off) (Black Cap) .....	All	1	<b>6HP26.SOL02</b>
706J	EDS6 Solenoid (PWM) (TCC Control Yellow Cap).....	All	1	<b>6HP26.SOL03</b>
707J	MV3 Solenoid (On/Off) (Park Lock, E Versions Only)....	All	1	<b>6HP26.SOL05</b>
708J	MV2 Solenoid (On/Off) (Black Cap, E Versions Only)....	All	1	<b>6HP26.SOL02</b>
<b>VALVE BODY PARTS</b>				
Kit	Valve Body End Plug Kit .....	All	1	<b>6HP26.VA02</b>
750J	Sealing Sleeve, Valve Body to Case.....	All	1	<b>6HP26.TU01</b>
751J	Sealing Sleeve, Valve Body to Case.....	All	1	<b>6HP19.TU01</b>
752J	Seal, Valve Body to Case .....	All	1	<b>6HP19.TU06</b>
755J	Spring & Cap Assy (Return Valve for Clutches & Retaining Valve for Converter Pressure)	All	2	<b>6HP26.VA01</b>
756J	Damper Piston .....	All	6	<b>5HP19.ACC02</b>
NI	Bonded Rubber Intermediate Plate for Mechatronic Unit / Valve Body (A & B052 Bonded to Plate)	01-ON	1	<b>6HP26.SP01</b>
	(A & B051 Bonded to Plate)	01-ON	1	<b>6HP26.SP03</b>

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
<b>VALVE BODY PARTS Cont...</b>				
Kit	Pressure Regulator Valve (Oversize) Requires Toolkit 6HP19.VA02 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA01</b>
Kit	Toolkit for 6HP19.VA01 (Sonnax@).....	01-ON	1	<b>6HP19.VA02</b>
Kit	Sleeve, Pressure Regulator Valve (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA03</b>
Kit	Valve Body End Plug (13mm & 17mm) (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA04</b>
Kit	Valve Body End Plug (12mm) (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA05</b>
Kit	Boost Valve & Sleeve (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA06</b>
Kit	Accumulator Pistons & Springs (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA07</b>
Kit	Lubrication Control Valve (Oversize) Requires Toolkit 6HP19.VA09 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA08</b>
Kit	Toolkit for 6HP19.VA08 (Sonnax@).....	01-ON	1	<b>6HP19.VA09</b>
Kit	Solenoid Pressure Regulator Valve (Oversize) Requires Toolkit 6HP19.VA11 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA10</b>
Kit	Toolkit for 6HP19.VA10 (Sonnax@).....	01-ON	1	<b>6HP19.VA11</b>
Kit	Converter Release Regulator Valve (Oversize) Requires Toolkit 6HP19.VA14 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA13</b>
Kit	Toolkit for 6HP19.VA13 (Sonnax@).....	01-ON	1	<b>6HP19.VA14</b>
Kit	Bypass Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA16 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA15</b>
Kit	Toolkit for 6HP19.VA15 (Sonnax@).....	01-ON	1	<b>6HP19.VA16</b>
Kit	'D1'/'E' Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA12 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA17</b>
Kit	'A' Clutch Control Valve (Oversize) Requires Toolkit 6HP19.VA12 & AG4.VA05 Universal Fixture (Sonnax@ <a href="#">Click here for Info</a> ) . 01-ON		1	<b>6HP19.VA18</b>
Kit	Toolkit for 6HP19.VA17 & VA18 (Sonnax@).....	01-ON	1	<b>6HP19.VA12</b>
Kit	Valve Body Correction Package (Sonnax@ ZIP KIT) ( <a href="#">Click here for Info</a> ) .....	All	1	<b>6HP19.ZIP01</b>
<a href="#">Click here for complete Sonnax@ Valve Body Diagram</a>				
<b>HARD PARTS</b>				
800A	Short Pump Assy .....	All	1	<b>6HP26.PUM01</b>
805B	Front Planetary Kit (Codes <b>1071 040</b> 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	<b>6HP19.PLK01</b>

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<b>HARD PARTS Cont...</b>				
805B	Front Platetary Kit (Codes <b>1071 040</b> 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	<b>6HP19.PLK02</b>
809C	'E' Clutch Drum & Input Shaft ...	All	1	<b>6HP19.DRU01</b>
812D	Intermediate Shaft.....	All	1	<b>6HP19.HUB01</b>
813D	Sun Gear Shaft .....	All	1	<b>6HP19.HUB02</b>
815E	'B' Clutch Diaphragm Retaining Clips.....	All	1	<b>6HP19.RET03</b>
816E	'B' Clutch Damper Piston .....	All	1	<b>6HP19.PIS06</b>
817E	'B' Clutch Piston.....	All	1	<b>6HP19.PIS03</b>
818E	'B' Clutch Drum .....	All	1	<b>6HP19A.DRU02</b>
824H	Rear Planetary Kit.....	All	1	<b>6HP19.PLK03</b>
828H	Anulus, Rear Plantary.....	All	1	<b>6HP19.GE01</b>
840J	Oil Pan (Paper Gasket) (Codes: <b>1071 040</b> 009, 010, 013-016, 019-024, 026-041, 049-051)	All	1	<b>6HP19A.PAN01</b>
840J	Oil Pan (Metal/Rubber Gasket) (Codes: <b>1071 040</b> 048, 052, 059, 063-092, 094, 100-104, 107, 109-114)	All	1	<b>6HP19A.PAN02</b>
<b>SPECIAL ITEMS</b>				
900A	Bolt, Pump to Case W/Washer .	All	11	<b>6HP19.NUT01</b>
920J	Bolt, Oil Pan to Case.....	All	23	<b>5HP19.NUT05</b>
NI	LifeGuardFluid6 Plus Transmission Fluid (Shell M-1375.6) (Audi Q7 Only) (12 x 1 Ltr Bottles).....	All	AR	<b>OIL.58</b>
	(1 x 20 Ltr Canister) .....	All	AR	<b>OIL.57</b>
	(1 x 209 Ltr Barrel).....	All	AR	<b>OIL.56</b>
<b>Note:</b> Fill differential and transfer box with gear oil Burmah SAF-AG4.				
<b>TOOLS &amp; MANUALS</b>				

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
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