

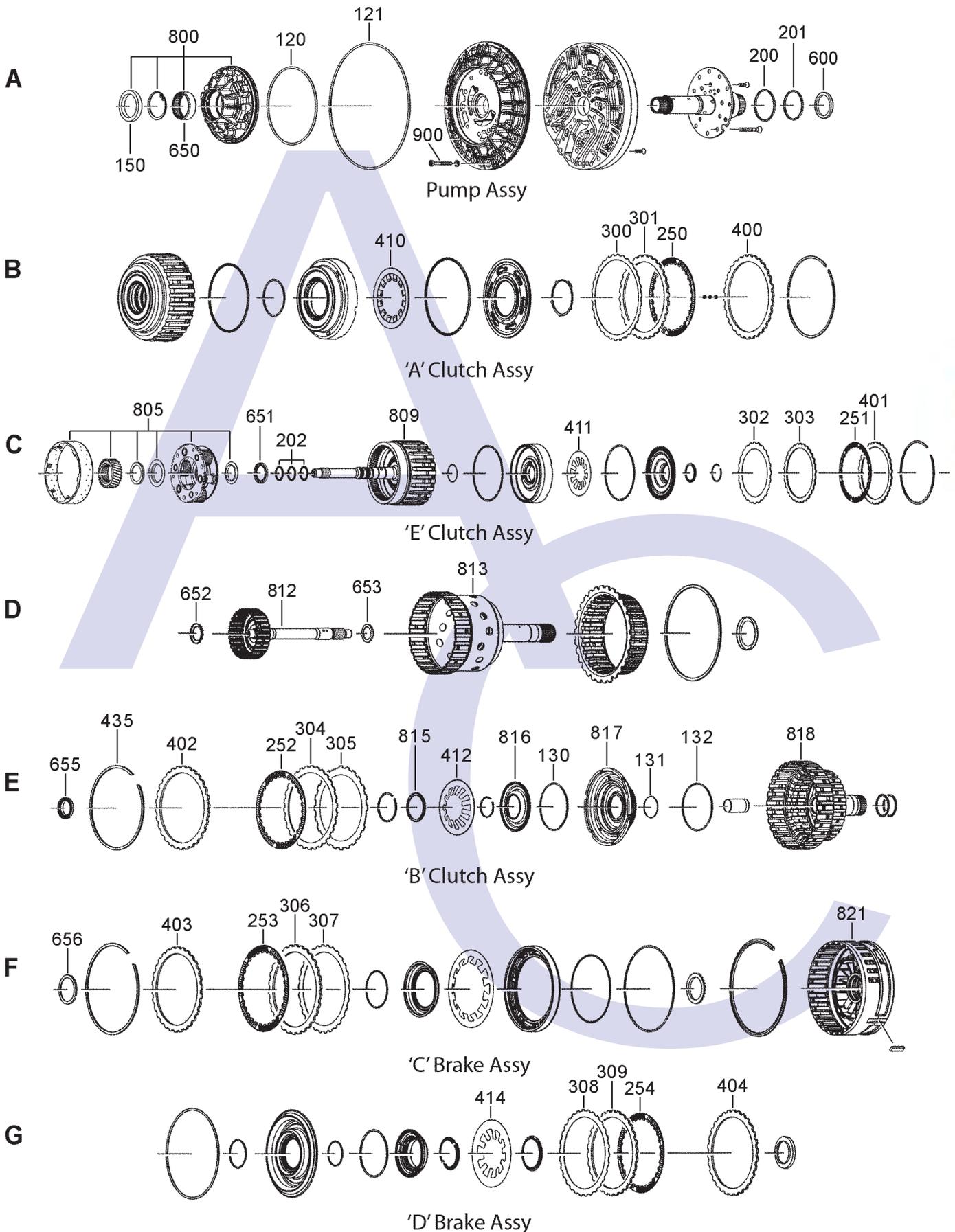
ZF 6HP21 BMW Code 1071 030 xxx ZF 6HP21X BMW Code 1071 050 xxx
6 SPEED RWD (Full Electronic Control)



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE



ZF 6HP21 BMW Code 1071 030 xxx ZF 6HP21X BMW Code 1071 050 xxx
 6 SPEED RWD (Full Electronic Control)

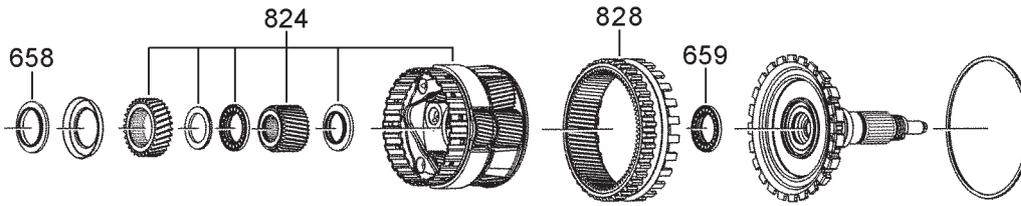


AUTOMATIC CHOICE



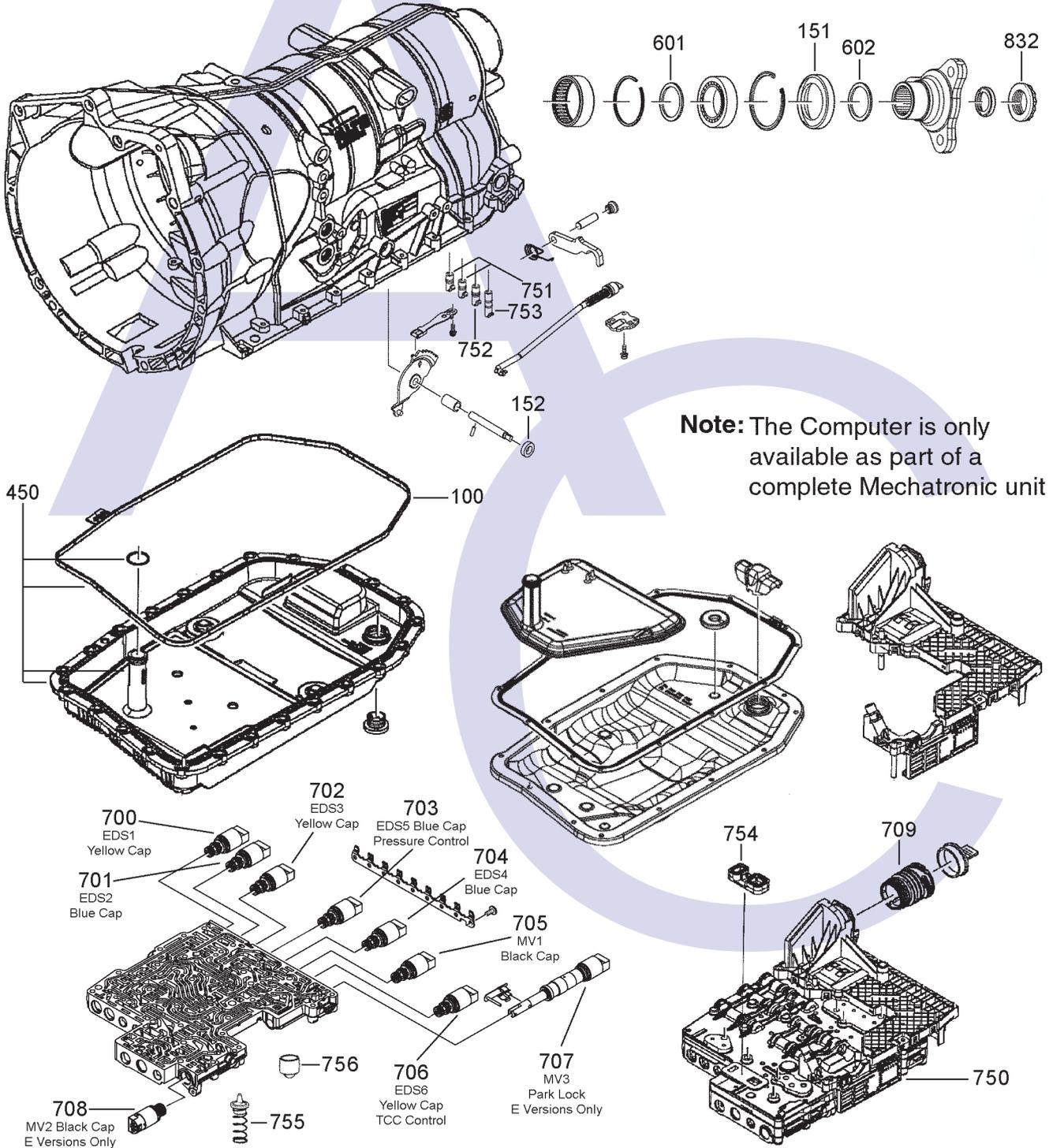
THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

H



Rear Planetary Assembly

J



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

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
KITS				
Kit	Overhaul Kit (6HP21).....	All	1	6HP19.OHK01
Kit	Fluid Service Kit (Inc Fluid).....	All	1	6HP19.SERKIT
GASKETS				
100J	Pan Gasket.....	All	1	6HP19.GAS01
RUBBER COMPONENTS				
120A	'O' Ring, Pump to Stator.....	All	1	4HP24.OR01
121A	'O' Ring, Stator to Case.....	All	1	6HP19.OR03
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
METAL CLAD SEALS				
150A	Front Pump.....	All	1	6HP26.MCS01
151J	Extension Housing (6HP21).....	All	1	6HP26.MCS02
151J	Extension Housing 6HP21X.....	All	1	6HP26.MCS03
152J	Selector Shaft Seal (10mm x 18mm x 5mm).....	All	1	3HP22.MCS03
MOULDED PISTONS				
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	5HP19SSR03
FRICTION PLATES				
Kit	Friction Plate (OEM) (Codes 1071 030 003 to 038).....	All	1	6HP21.FRK01
Kit	Friction Plate (OEM) (Codes 1071 050 001, 006, 008, 009, 010, 011, 012, 014, 015, 016, 017).....	All	1	6HP21.FRK01
250B	'A' Clutch.....	All	4	6HP19.FRP01
251C	'E' Clutch.....	All	5-6	6HP21.FRP02
252E	'B' Clutch.....	All	5-6	6HP19.FRP03
253F	'C' Brake.....	All	4	6HP19.FRP04
254G	'D' Brake.....	All	5	6HP19.FRP05
STEEL PLATES				
Kit	Steel Plate (OEM) (Codes 1071 030 004, 006, 013, 014, 020, 021, 022, 025, 027, 029, 030, 037).....	All	1	6HP19.STK01
Kit	Steel Plate (OEM) (Codes 1071 030 003, 016, 017, 018, 019, 023, 024, 026, 031, 034,035, 038).....	All	1	6HP19.STK02

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
STEEL PLATES Cont...				
Kit	Steel Plate (OEM) (Codes 1071 050 006, 008, 011, 012, 017).....	All	1	6HP19.STK02
300B	'A' Clutch Wavey Plate.....	All	1	6HP19.STP07
301B	'A' Clutch.....	All	4	6HP19.STP01
302C	'E' Clutch Wavey Plate.....	All	1	6HP19.STP08
303C	'E' Clutch (6HP21) (Fits Codes 1071 030 004, 006, 013, 014, 020, 021, 022, 025, 027, 029, 030, 037, 040, 042).....	All	5-6	6HP19.STP02
303C	'E' Clutch (6HP21X) (Codes 1071 050 001, 009, 010, 014, 015, 016).....	All	5-6	6HP19.STP02
303C	'E' Clutch (6HP21) (Codes 1071 030 003, 016, 017, 018, 019, 023, 024, 026, 031, 034, 035, 038).....	All	5-6	6HP19.STP03
303C	'E' Clutch (6HP21X) (Codes 1071 050 006, 008, 011, 012, 017, 022, 023).....	All	3-4	6HP19.STP03
304E	'B' Clutch.....	All	5-6	6HP19.STP04
305E	'B' Clutch Wavey Plate.....	All	1	6HP19.STP07
306F	'C' Brake.....	All	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	5	6HP19.STP06
PRESSURE PLATES				
400B	'A' Clutch.....	All	1	6HP19.STP01
401C	'E' Clutch (6HP21) (Fits Codes 1071 030 004, 006, 013, 014, 020, 021, 022, 025, 027, 029, 030, 037, 040, 042).....	All	1	6HP19.PP01
401C	'E' Clutch (6HP21X) (Codes 1071 050 001, 009, 010, 014, 015, 016).....	All	1	6HP19.PP01
401C	'E' Clutch (6HP21) (Codes 1071 030 003, 016, 017, 018, 019, 023, 024, 026, 031, 034, 035, 038).....	All	1	6HP19.PP02
401C	'E' Clutch (6HP21X) (Codes 1071 050 006, 008, 011, 012, 017, 022, 023).....	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	6HP21.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

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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
FILTERS				
450J	Oil Pan, Gasket & Filter Assy (OEM)..... All		1	6HP19.PAN01
450J	Oil Pan, Gasket & Filter Assy (Aftermarket)..... All		1	6HP19.PAN11
BUSHINGS				
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
601J	Shim, Selective (Output Shaft)			
	(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
602J	Shim, Selective (Output Flange)		1	6HP26.SHIM22
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
ELECTRICAL COMPONENTS				
700J	EDS1 Solenoid (PWM) (Yellow Cap)..... All		1	6HP26.SOL03
701J	EDS2 Solenoid (PWM) (Blue Cap)..... All		1	6HP26.SOL04
702J	EDS3 Solenoid (PWM) (Yellow Cap)..... All		1	6HP26.SOL03
703J	EDS5 Solenoid (PWM) (Pressure Control Blue Cap).... All		1	6HP26.SOL04

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
ELECTRICAL COMPONENTS Cont...				
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
709J	Case Connector..... All		1	6HP26.ELE01
VALVE BODY PARTS				
750J	Mechatronic Valve Body Assy (Various) (Need Transmission Details).... All		1	6HP21.VB01
751J	Sealing Sleeve, Valve Body to Case..... All		2	6HP19.TU02
752J	Sealing Sleeve, Valve Body to Case..... All		1	6HP19.TU03
753J	Sealing Sleeve, Valve Body to Case..... All		1	6HP19.TU04
754J	Seal, Valve Body to Case..... All		1	6HP19.TU05
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 (A & B063 Bonded to Plate) (6HP21, 6HP21X)..... All		1	6HP21.SP01
	(A & B065 Bonded to Plate) (6HP21, 6HP21X)..... All		1	6HP21.SP02
HARD PARTS				
800A	Short Pump Assy (6HP21) (Fits Codes: 1071 030 003, 004, 006, 013, 014, 016-023, 025-027 029-031, 034, 035, 037, 038, 040, 042, 044, 046, 047, 049)..... All		1	6HP26.PUM01
800A	Short Pump Assy (6HP21X) (Fits Codes: 1071 050 001, 006, 008, 009, 010, 011, 012, 014 015, 016, 017, 022, 023)..... All		1	6HP26.PUM01
805B	Front Platetary Kit (6HP21) (Fits Codes 1071 030 004, 006, 013, 014, 016, 020, 021, 022, 023, 025, 027, 029, 030, 034, 037, 040, 042)..... All		1	6HP19.PLK01
805B	Front Platetary Kit (6HP21X) (Fits Codes 1071 050 001, 010, 012, 014, 015, 016, 023)..... All		1	6HP19.PLK01
809C	'E' Clutch Drum & Input Shaft (6HP21) (Fits Codes: 1071 030 003, 018, 019, 026, 049, 055)..... All		1	6HP19A.DRU01
809C	'E' Clutch Drum & Input Shaft (6HP21) (Fits Codes: 1071 030 004, 006, 020, 021, 022, 023 025, 027, 029, 030, 031, 034, 035, 037, 038)..... All		1	6HP19A.DRU03
809C	'E' Clutch Drum & Input Shaft (6HP21X) (Fits Code: 1071 050 006, 008, 017, 022)..... All		1	6HP19A.DRU01
809C	'E' Clutch Drum & Input Shaft (6HP21X) (Fits Code: 1071 050 001, 009, 010, 011, 012, 014, 015, 016, 023)..... All		1	6HP19A.DRU03
812D	Intermediate Shaft..... All		1	6HP19.HUB01



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ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
HARD PARTS Cont...				
813D	Sun Gear Shaft	All	1	6HP19.HUB02
815E	'B' Clutch Diaphragm Retaining Clips.....	All	1	6HP19.RET03
816E	'B' Clutch Damper Piston	All	1	6HP19.PIS06
817E	'B' Clutch Piston (6HP21) (Fits Codes 1071 030 003, 017, 018, 019, 024, 026, 031, 035, 038, 049, 055)	All	1	6HP19.PIS03
817E	'B' Clutch Piston (6HP21) (Fits Codes 1071 030 004, 006, 016, 020, 021, 023, 027, 034, 037)	All	1	6HP19.PIS04
817E	'B' Clutch Piston (6HP21X) (Fits Codes 1071 050 006, 008, 011, 017, 022)	All	1	6HP19.PIS03
817E	'B' Clutch Piston (6HP21X) (Fits Codes: 1071 050 001, 009, 010, 012, 014, 015, 016, 023)	All	1	6HP19.PIS04
818E	'B' Clutch Drum	All	1	6HP19A.DRU02
821F	'C'/D' Brake Drum (6HP21 4/5 Plates) (Fits Codes: 1071 030 003, 004, 006, 019-023, 025-027, 029-031, 034, 035, 037, 038, 049)	All	1	6HP21.DRU02
821F	'C'/D' Brake Drum (6HP21X 4/5 Plates) (Fits Codes: 1071 050 006, 008-012, 014-017, 022, 023)	All	1	6HP21.DRU02
824H	Rear Planetary Kit.....	All	1	6HP19.PLK03
828H	Anulus, Rear Planetary (6HP21) (Codes: 1071 030 003, 004, 006, 019-021, 022, 023, 025-027, 029-031, 034, 035, 037, 038, 040, 042, 044, 046, 047, 049)	All	1	6HP19.GE01
828H	Anulus, Rear Planetary (6HP21X) (Codes: 1071 050 001, 006, 008-012, 014-017, 022, 023)	All	1	6HP19.GE01
832J	Nut, Output Shaft	All	1	6HP26.NUT03
SPECIAL ITEMS				
900A	Bolt, Pump to Case W/Washer . All		11	6HP19.NUT01
NI	LifeGuardFluid6 Transmission Fluid (Except 6HP21X Audi/VW)			
	(1 x 1 Ltr Bottle)	All	AR	OIL.53
	(1 x 20 Ltr Canister)	All	AR	OIL.54
	(1 x 209 Ltr Barrel).....	All	AR	OIL.55
NI	LifeGuardFluid6 Plus Transmission Fluid (6HP21X Audi/VW Only)			
	(12 x 1 Ltr Bottles).....	All	AR	OIL.58
	(1 x 20 Ltr Canister)	All	AR	OIL.57
	(1 x 209 Ltr Barrel).....	All	AR	OIL.56
TOOLS & MANUALS				
NI	Repair Manual (EOM On CD) ... All			

ILL NO.	DESCRIPTION	YEARS	QTY	PART NO
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