

# ZF6-HP19/19A / 21 / 32/34 (6-Speed) - Not Illustrated

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
	<b>CD6HP19</b>		Technical Manual (ZF6-HP19/21 - CD ROM)	2002-On
	<b>CD6HP19A</b>		Technical Manual (ZF6-HP19A (F/AWD) - CD ROM)	2002-On
	<b>CD6HP32</b>		Technical Manual (ZF6-HP32 - CD ROM)	2004-On
<b>MASTER BOX KITS</b>				
---	<b>K7900AG-S</b> <sup>1</sup>		Master Kit (German-Made Contents) .....ZF6-HP19/X & 21/X (RWD/4WD)	2002-On
---	<b>K7900BG-S</b> <sup>1</sup>		Master Kit (German-Made Contents)..... ZF6-HP19A (F/AWD)	2002-On
---	<b>K7900MG-S</b> <sup>1</sup>		Master Kit (German-Made Contents)..... ZF6-HP32/34 (RWD)	2004-On
			<sup>1</sup> Unit requires factory fill oil, please order ZF6 OIL separately.	
			<b>Steel Plate Sub-Kits:</b>	
---	<b>K7900A-9</b>		Steel Plate Kit.....ZF6-HP19 /19X / 21 / 21X w/ .082" "E" Steels	2002-On
---	<b>K7900B-9</b>		Steel Plate Kit.....ZF6-HP19 /19A /19X / 21 / 21X w/ .058" "E" Steels	2002-On
---	<b>K7900M-9</b>		Steel Plate Kit..... ZF6-HP32/34	2004-On
<b>OVERHAUL KITS</b>				
---	<b>K79900AG</b>		Overhaul Kit (German-Made Contents) ..... ZF6-HP19/21	2002-On
---	<b>K79900BG</b>		Overhaul Kit (German-Made Contents) ..... ZF6-HP19A (F/AWD)	2002-On
---	<b>K79900MG</b>		Overhaul Kit (German-Made Contents) ..... ZF6-HP32/34	2004-On
<b>GASKET AND RUBBER COMPONENTS</b>				
---	<b>79170AR</b>	1	Pan Seal ..... ZF6-HP19/21	2002-On
---	<b>79170B</b>	1	Pan Gasket ( <i>Paper, 23-Bolt Holes</i> ) .....ZF6-HP19A	2002-On
---	<b>79170BR</b>	<b>1</b>	<b>Pan Gasket (Steel w/Rubber Edge, 13 Bolts)..ZF6-HP19A</b>	<b>2007-10</b>
---	<b>79170MR</b>	1	Pan Seal ..... ZF6-HP32/34	2004-On
---	<b>79107E</b>	1	Valve Body Plate (Bonded) 1068327180 Stamped Plate or VB Code A/B052	2002-On
---	<b>79107EA</b>	1	Valve Body Plate (Bonded) 1068327141 Stamped Plate or VB Code A/B035	2002-On
---	<b>79107EB</b>	1	Valve Body Plate (Bonded) .1068327145 or 179 Stamped Plate or A/BA051	2002-On
---	<b>79107EC</b>	1	Valve Body Plate (Bonded) .1068327163 Stamped Plate or VB Code A/B047	2002-On
---	<b>79107ED</b>	1	Valve Body Plate (Bonded) 1068327189 Stamped Plate or VB Code A/B053	2002-On
---	<b>79107EE</b>	1	Valve Body Plate (Bonded) ..... w/o Stamped Plate or VB Code A/B046	2002-On
---	<b>79107EF</b>	1	Valve Body Plate (Bonded) 1068327210 Stamped Plate or VB Code A/B063	2002-On
---	<b>79107EG</b>	1	Valve Body Plate (Bonded) 1068327224 Stamped Plate or VB Code A/B065	2002-On
<b>CLUTCH PLATES</b>				
			<b>ZF6-HP19/21:</b>	
---	<b>79304A</b>	4-5	Forward (A) Friction ..... 30T, .062" - 6.650" O.D.	2002-On
---	<b>79305A</b>	4-5	Forward (A) Steel ..... 30T, .118" - 6.050" I.D.	2002-On
---	<b>79310A</b>	4-6	Overdrive (E) Friction ..... 30T, .064" - 4.880" O.D.	2002-On
---	<b>79311A</b>	4-5	Overdrive (E) Steel ..... 24T, .082" - 3.820" I.D.	2002-On
---	<b>79311B</b>	4-6	Overdrive (E) Steel ..... 24T, .058" - 3.820" I.D.	2002-On
---	<b>79304AB</b>	5-6	Direct (B) Friction ..... 30T, .085" - 6.650" O.D.	2002-On
---	<b>79305AB</b>	5-6	Direct (B) Steel ..... 30T, .094" - 6.050" I.D.	2002-On
---	<b>79308A</b>	4	Intermediate (C) Friction ..... 24T, .063" - 6.100" O.D.	2002-On
---	<b>79309A</b>	4	Intermediate (C) Steel ..... 24T, .098" - 4.680" I.D.	2002-On
---	<b>79321A</b>	5	Low/Reverse (D) Friction ..... 30T, .062" - 5.940" O.D.	2002-On
---	<b>79322A</b>	5	Low/Reverse (D) Steel ..... 24T, .071" - 5.080" I.D.	2002-On
			<b>ZF6-HP32/34:</b>	
---	<b>K7900MG-F</b>	1	Friction Module.....	2004-On
<b>METAL CLAD SEALS</b>				
---	<b>79526D</b>	<b>1</b>	<b>Front Pump Seal.....</b>	<b>2002-On</b>
---	<b>79551D</b>	<b>1</b>	<b>Extension housing Seal (2WD) ..... 6HP19/21.....</b>	<b>2002-On</b>
---	<b>79553A</b>	<b>1</b>	<b>Adapter Housing (4WD).....6HP19X/21X (Except Audi).....</b>	<b>2002-On</b>
---	<b>79553AA</b>	<b>1</b>	<b>Adapter Housing (4WD).....6HP19X/21X (Audi).....</b>	<b>2002-On</b>
---	<b>79551B</b>	<b>1</b>	<b>Extension Housing..... 6HP19A.....</b>	<b>2002-On</b>
---	<b>79507D</b>	<b>1-2</b>	<b>Manual Lever.....</b>	<b>2002-On</b>

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ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
<b>TRANSMISSION OIL FILTERS</b>				
---	K79600A	1	Oil Filter and Oil Pan Assembly ..... <b>ZF6-HP19/21</b> .....	2002-On
---	K79600A-DE	1	"OEM ZF" Oil Filter and Oil Pan Assembly ..... <b>ZF6-HP19/21</b> .....	2002-On
---	79600B	1	Oil Filter ..... <b>ZF6-HP19A</b> .....	2002-On
---	<b>79601A</b>	<b>1</b>	<b>Oil Filter (Plastic Inlet) ..... ZF6-HP19X/21X (Audi 4WD Only) .....</b>	<b>2007-10</b>
---	K79600E	1	Oil Filter and Oil Pan Assembly ..... <b>ZF6-HP32/34</b> .....	2004-On
---	K79600E-DE	1	"OEM ZF" Oil Filter and Oil Pan Assembly ..... <b>ZF6-HP32/34</b> .....	2004-On
<b>ELECTRONIC COMPONENTS</b>				
---	K79879A	1	Solenoid Kit (Includes: (3) 79870A, (3) 79870B, (2) 79871A, K79871B, 79874B & 79869B).....	2002-On
---	K79879B	1	Solenoid Kit (Includes: (5) 79870A, 79870B & 79871A) .....	2002-On
---	K79879E	1	Solenoid Kit (Includes: (3) 79870A, (3) 79870B & 79871A) .....	2002-On
---	K79879F	1	Solenoid Kit (Includes: (3) 79870A, (2) 79870B & (2) 79870F) .....	2002-On
---	K79879FA	1	Solenoid Kit (Inc: (3) 79870A, (2) 79870B (2) 79870F, 79871A, K79871B, 79874B, 79869B).....	2002-On
---	79870A	3-5	EDS Solenoid ..... <b>Yellow</b> .....	2002-On
---	79870B	1-3	EDS Solenoid ..... <b>Blue</b> .....	2002-On
---	79870F	0-2	EDS Solenoid ..... <b>Orange</b> .....	2002-On
---	79871A	0-1	MV1 Solenoid (Emergency Run Valve)..... <b>Black</b> .....	2002-On
---	79871A	0-1	MV2 Solenoid (Park Lock Valve - Energizes)..... <b>Black</b> .....	2002-On
---	K79871B	0-1	MV3 Solenoid (Park Lock Valve - Operates)..... <b>Green</b> .....	2002-On
---	79874B	0-1	Park Cylinder.....	2002-On
---	79869B	0-1	Wiring Harness ( <b>For Park Cylinder Units</b> ) .....	2002-On
---	K79869A	1	E-Module ( <b>Includes: TISS, TOSS, TOT, PRNDL Switch</b> ) .....	2002-On
---	79878A	1	Case Connector .....	2002-On
---	79880A	1	Foam Strip ( <b>Between Solenoids and Plastic Connector Housing</b> ) .....	2002-On
<b>HARD PARTS AND MISCELLANEOUS</b>				
---	ZF6-6R60-ZIP		Zip-Kit ( <b>Sonnax, Fits ZF6-HP19 &amp; 32 - Drop-In Components, No Tools Required</b> )	2002-On
---	ZF6-GEN2-ZIP		Zip-Kit ( <b>Sonnax, Fits ZF6-HP21 &amp; 34 - Drop-In Components, No Tools Required</b> )	2002-On
<b>Addresses: Critical Pressure Losses and Restores/Extends Accumulator Action.</b>				
---	K79946E	1	Lock-up Shudder Repair Kit ( <b>TransGo</b> ) .....	2002-On
---	79889E	1	Pressure Regulator Sleeve ( <b>Sonnax, Addresses: Harsh or Erratic Line</b> ) .....	2002-On
---	K79882E	1	Clutch "A" Control Boost Valve and Sleeve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Delayed/Harsh Engagements, Flare 5-4 Downshift.</b>				
---	K79788EW	1	VB End Plug Kit ( <b>Sonnax, 6 Large and 6 Small End Plugs</b> ) .....	2002-On
---	K79788DW	1	VB Internal Plug Kit ( <b>Sonnax, 4 Internal Plugs</b> ) .....	2002-On
---	K79788E	1	Sure-Seal VB End Plug Kit ( <b>Superior</b> ) .....	2002-On
---	79781E	1-6	Valve Body Accumulator Piston ( <b>OEM ZF</b> ) .....	2002-On
---	K79781E	1	Valve Body Accumulator Piston and Spring Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Firms Upshifts and Downshifts and Engagements.</b>				
---	K79989E	1	Oversized Pressure Regulator Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Delayed/No Reverse and Poor Quality Shifts. Requires K79589E Tool Kit.</b>				
---	K79886E	1	Oversized Solenoid Pressure Regulator Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Wrong Gear Starts, Gear Ratio and Solenoid Codes Requires K79586E Tool Kit.</b>				
---	K79887E	1	Oversized Bypass Clutch Control Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Converter Overheat and Low TCC Release Pressure. Requires K79587E Tool Kit.</b>				
---	K79883E	1	Oversized Converter Release Regulator Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Excessive TCC Slip, Harsh Lockup Apply/Release. Requires K79581E Tool Kit.</b>				
---	K79880E	1	Oversized Lubrication Control Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Low Converter Pressure and Lube Failure. Requires K79580E Tool Kit.</b>				
---	K79881E	1	Oversized Clutch A Control Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Flare Upshift or Downshift Bind-ups. Requires K79581E Tool Kit.</b>				
---	K79884E	1-2	Oversized Clutch D1 or E Control Valve Kit ( <b>Sonnax</b> ) .....	2002-On
<b>Addresses: Flare Upshift or Downshift Bind-ups. Requires K79581E Tool Kit.</b>				
---	79881A	1	Mechatronic to Case Seal Adapter ( <b>Early</b> ) ..... <b>ZF6-HP19/21</b> .....	2002-On
---	79881AB	1	Mechatronic to Case Seal Adapter ( <b>Late</b> ) ..... <b>ZF6-HP19/21</b> .....	2002-On
---	79881E	1	Mechatronic to Case Seal Adapter ( <b>Early</b> ) ..... <b>ZF6-HP32</b> .....	2004-On
---	79881EF	1	Mechatronic to Case Seal Adapter ( <b>Late</b> ) ..... <b>ZF6-HP32</b> .....	2004-On
<b>Note: To purchase a Mechatronic Assembly (aka: Valve Body) you will need the "STUECKL Number" from the tag on the side of the transmission case. This will ensure that the correct assembly is ordered.</b>				
---	K79980AY	1	Bushing Kit ( <b>Omega, 10 Bushings</b> ) ..... <b>ZF6-HP19</b> .....	2002-On
---	79005A	1	Pump Bushing ..... <b>Exc. HP32</b> .....	2002-On
---	ZF6OIL-1L	1	Lifeguard 6 OEM Oil ( <b>1 Litre</b> ) .....	2002-On

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