





# Mercedes Benz 722.6 (Electronic 5-Speed)

TRANS. MODEL	ALTERNATE DESIGNATION	NO. OF SPEEDS/ PAN CONFIGURATION		
<b>722.6</b>	<b>W5A-580</b> Large Pan w/o Modulator, <b>W5A-330</b> Bands or Governor. Utilizes <b>W5A-380</b> a Removable Bellhousing to Fit Numerous Engine Sizes.	<b>5-Speed w/6-Bolt Pan</b>		
ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
	<b>TMMB722.6</b>		Technical Manual.....	1996-On
MASTER BOX KITS				
---	<b>K7700HA-S<sup>1,2,4</sup></b>		Master Kit ..... <b>722.600-18, 662-5, 697/9</b> or All w/5.250" I.D. <b>K2 Friction</b> ....	1996-03
---	<b>K7700HB-S<sup>1,2,4</sup></b>		Master Kit ..... <b>722.620-36, 650-3, 661-9</b> or All w/5.455" I.D. <b>K2 Frictions</b> ...	1996-03
---	<b>K7700J-S<sup>2,3</sup></b>		Master Kit ..... w/Single-Sided <b>B1, K1, K3</b> and 5.455" I.D. <b>K2 Frictions</b> ..	2002-On
---	<b>K7700JA-S<sup>2,3</sup></b>		Master Kit ..... w/Single-Sided <b>B1, K1, K3</b> and 5.250" I.D. <b>K2 Frictions</b> ..	2002-On
<sup>1</sup> Please order the kits by the model number that is stamped on the case above the pan rail or <b>K2 Friction</b> I.D. <sup>2</sup> Please order the Intermediate/Pump Bonded Plate and B1 Bonded Piston separately as required. <sup>3</sup> Some large displacement vehicles may require additional <b>B1/K1 plates</b> , please order separately as required. <sup>4</sup> Some <b>1996-97</b> units may require selective steels to stack the <b>K3 Clutch</b> , please order (3-5) <b>77305HB</b> separately.				
OVERHAUL KITS				
---	<b>K77900H<sup>2</sup></b>	1	Overhaul Kit ( <b>German-Made Contents</b> ) .....	1996-On
GASKET AND RUBBER COMPONENTS				
1E	<b>77170H</b>	1	Oil Pan Seal ..... <b>Molded Rubber</b> .....	1996-On
2A	<b>77100A</b>	1	Oil Pump O'Ring.....	1996-On
3A	<b>77998H</b>	1	Intermediate/Pump Bonded Plate .....	1996-On
---	<b>29141L</b>	1	Oil Filler Tube Seal ( <b>Chrysler</b> ) .....	1996-On
METAL CLAD SEALS				
10A	<b>77526A</b>	1	Pump.....	1996-On
11D	<b>77551H</b>	1	Extension Housing ..... <b>RWD</b> .....	1996-On
<b>11D</b>	<b>77553H</b>	<b>1</b>	<b>Extension Housing</b> ..... <b>AWD</b> .....	<b>1996-On</b>
CLUTCH PLATES				
30A	<b>77302H</b>	2-6	<b>(B1)</b> Front Brake Friction..... <b>30T, .082" - 6.700" O.D.</b> .....	1996-03
30A	<b>77302J</b>	3-6	<b>(B1)</b> Front Brake Friction..... <b>Internal Spline, Single-Sided</b> .....	2002-On
31A	<b>77303J</b>	3-6	<b>(B1)</b> Front Brake Friction..... <b>External Spline, Single-Sided</b> .....	2002-On
31A	<b>77303H</b>	1	<b>(B1)</b> Front Brake Steel ..... <b>12T, .071" - 6.065" I.D.</b> .....	1996-On
31A	<b>77303HA</b>	2-3	<b>(B1)</b> Front Brake Steel ..... <b>12T, .138" - 6.065" I.D.</b> .....	1996-01
31A	<b>77303HB</b>	1	<b>(B1)</b> Front Brake Steel ..... <b>12T, .157" - 6.065" I.D.</b> .....	1996-On
31A	<b>77303HC</b>	3-6	<b>(B1)</b> Front Brake Steel ..... <b>12T, .110" - 6.065" I.D.</b> .....	2002-On
34B	<b>77302H</b>	3-5	<b>(K1)</b> Front Clutch Friction ..... <b>30T, .082" - 6.700" O.D.</b> .....	1996-03
34B	<b>77302J</b>	4-5	<b>(K1)</b> Front Clutch Friction ..... <b>Internal Spline, Single-Sided</b> .....	2002-On
35B	<b>77303J</b>	4-5	<b>(K1)</b> Front Clutch Friction ..... <b>External Spline, Single-Sided</b> .....	2002-On
35B	<b>77303H</b>	1	<b>(K1)</b> Front Clutch Steel..... <b>12T, .071" - 6.065" I.D.</b> .....	1996-On
35B	<b>77303HA</b>	3-5	<b>(K1)</b> Front Clutch Steel..... <b>12T, .138" - 6.065" I.D.</b> .....	1996-01
35B	<b>77303HB</b>	1	<b>(K1)</b> Front Clutch Steel..... <b>12T, .157" - 6.065" I.D.</b> .....	1996-On
35B	<b>77303HC</b>	5	<b>(K1)</b> Front Clutch Steel..... <b>12T, .110" - 6.065" I.D.</b> .....	2002-On
38B	<b>77308H</b>	3-4	<b>(K2)</b> Intermediate Clutch Friction ..... <b>36T, .084" - Smaller I.D. (5.250")</b> .....	1996-On
38B	<b>77308HB</b>	5-6	<b>(K2)</b> Intermediate Clutch Friction ..... <b>36T, .084" - Larger I.D. (5.455")</b> .....	1996-On
39B	<b>77309H</b>	2-4	<b>(K2)</b> Intermediate Clutch Steel ..... <b>30T, .138" - 5.770" I.D.</b> .....	1996-01
39B	<b>77309HA</b>	1	<b>(K2)</b> Intermediate Clutch Steel ..... <b>30T, .063" - 5.770" I.D.</b> .....	1996-On
39B	<b>77309HB</b>	1	<b>(K2)</b> Intermediate Clutch Steel ..... <b>30T, .157" - 5.770" I.D.</b> .....	1996-On
39B	<b>77309HC</b>	3-5	<b>(K2)</b> Intermediate Clutch Steel ..... <b>30T, .110" - 5.770" I.D.</b> .....	2002-On

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<b>CLUTCH PLATES - Cont'd.</b>				
42C	<b>77304H</b>	3-5	<b>(K3)</b> Intermediate Brake Friction ..... <b>24T, .084" - 4.500" O.D.</b> .....	1996-03
42C	<b>77304HA</b>	3-5	<b>(K3)</b> Intermediate Brake Friction ..... <b>24T, .063" - 4.500" O.D.</b> .....	1996-97
42C	<b>77304J</b>	4-5	<b>(K3)</b> Intermediate Brake Friction ..... <b>Internal Spline, Single Sided</b> .....	2002-On
43C	<b>77305J</b>	4-5	<b>(K3)</b> Intermediate Brake Friction ..... <b>External Spline, Single Sided</b> .....	2002-On
43C	<b>77305H</b>	1-3	<b>(K3)</b> Intermediate Brake Steel ..... <b>24T, .063" - 3.465" I.D.</b> .....	1996-On
43C	<b>77305HA</b>	3-4	<b>(K3)</b> Intermediate Brake Steel ..... <b>24T, .138" - 3.465" I.D.</b> .....	1996-97
43C	<b>77305HB</b>	3-5	<b>(K3)</b> Intermediate Brake Steel ..... <b>24T, .109" - 3.465" I.D.</b> .....	1998-03
43C	<b>77312H</b>	1	<b>(K3)</b> Intermediate Brake Steel ..... <b>24T, .157" - 3.465" I.D.</b> .....	1996-03
45C	<b>77321H</b>	3-5	<b>(B3)</b> Rear Brake Friction ..... <b>46T, .061" - 7.000" O.D.</b> .....	1996-On
46C	<b>77322H</b>	3-4	<b>(B3)</b> Rear Brake Steel ..... <b>30T, .071" - 6.100" I.D.</b> .....	1996-On
48D	<b>77306H</b>	4-5	<b>(B2)</b> Rear Clutch Friction ..... <b>Outside Diameter Teeth</b> .....	1996-On
49D	<b>77307H</b>	3-4	<b>(B2)</b> Rear Clutch Steel ..... <b>Inside Diameter Teeth</b> .....	1996-On
<b>BUSHINGS</b>				
51A	<b>77005D</b>	1	Pump .....	1996-On
51A	<b>77005H</b>	1	Pump ..... <b>Precision Fit Sonnax</b> .....	1996-On
52A	<b>77002H</b>	1	Stator ( <b>Rear</b> ) ..... <b>Sonnax</b> .....	1996-On
53B	<b>77001H</b>	1	Input Shaft / K2 Drum ..... <b>Sonnax</b> .....	1996-On
53B	<b>K77980HC</b> <sup>5</sup>	1	Chico Bushing Kit ..... <b>Superior</b> .....	1996-On
<sup>5</sup> <b>Kit Includes two bushings: a stock sized replacement and a new version that fits the new output shaft from Mercedes thus allowing you to use a new output shaft with the early style drum.</b>				
<b>TRANSMISSION OIL FILTERS</b>				
60E	<b>77605H</b>	1	Oil Filter ( <b>w/Neck</b> ) .....	1996-On
61E	<b>ATK-213</b>	1	Oil Filter Kit.....	1996-On
<b>MOLDED RUBBER PISTONS</b>				
65A	<b>77841H</b>	1	<b>(B1)</b> Front Brake Clutch Piston ( <b>Molded Rubber, .715" Tall</b> ) .....	1996-On
65A	<b>77841J</b>	1	<b>(B1)</b> Front Brake Clutch Piston ( <b>Molded Rubber, .915" Tall</b> ) .....	1996-On
<b>SPRAGS</b>				
70B	<b>77814H</b>	1	Front ( <b>F1</b> ) Sprag ( <b>Upgraded 20-Element, Replaces 14-Element Type - 21.46mm Tall</b> ) .....	1996-05
70B	<b>77814JC</b>	1	Front ( <b>F1</b> ) Sprag ( <b>20 Element - 23.46mm Tall</b> ) .....	2005-On
71C	<b>77815H</b>	1	Rear ( <b>F2</b> ) Sprag ( <b>Upgraded 20-Element, Replaces 14-Element Type</b> ) .....	1996-On
<b>ELECTRONIC COMPONENTS</b>				
<b>Note : When ordering Electronic Components, please add the appropriate suffix : (-A) Aftermarket Option</b>				
80E	<b>77879H</b>	1	Modulator Pressure Regulator Solenoid ..... <b>w/No O'Rings</b> .....	1996-On
80E	<b>77879H</b>	1	Shift Pressure Regulating Solenoid..... <b>w/No O'Rings</b> .....	1996-On
81E	<b>77871H</b>	3	Shift Solenoid ( <b>1-2 &amp; 4-5, 2-3 and 3-4</b> ) ..... <b>w/Two O'Rings</b> .....	1996-On
82E	<b>77870H</b>	1	TCC Solenoid ..... <b>w/One O'Ring</b> .....	1996-On
83E	<b>K77869H</b>	1	Electronic Control Harness ( <b>Hardwire Circuit Board w/TOT &amp; TSS - Black Plastic</b> ) ..	1996-On
83E	<b>K77869L</b>	1	Electronic Control Harness ( <b>Hardwire Circuit Board w/TOT &amp; TSS - Gray Plastic</b> ) ..	2005-On
84E	<b>K77880H</b>	1	Solenoid Cover Kit ( <b>Includes Both Covers</b> ) .....	1996-On
85E	<b>77878H</b>	1	ECM Plug Adapter.....	1996-On

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ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
<b>SHIFT ENHANCEMENTS AND MISCELLANEOUS</b>				
---	<b>K77944H</b>	1	<b>Shift Kit (TransGo) ..... 1996-On</b> <b>Addresses: Insufficient Pressure Rise, 2-3 Flair, TCC Slip or Shudder, Soft Shifts, Shudder on Hard Throttle Acceleration from a Stop.</b>	
---	<b>ST77946H</b>	1	Lubrication Pressure Regulator Valve Bore Repair Kit ( <b>Superior</b> ) ..... 1996-On <b>Addresses: Harsh Converter Clutch Apply/Shudder/Vibration and Kills the Engine.</b>	
---	<b>77889H</b>	1	Outer Pressure Regulator Sleeve ( <b>Sonnax</b> ) ..... 1996-On <b>Addresses: Loss of 2-3, 4-3 Neutral and Soft Shifts. Use w/K77589H Tool Kit.</b>	
---	<b>77768H</b>	1	Solenoid Pressure Regulator Valve Spring ( <b>Sonnax</b> ) ..... 1996-99 <b>Addresses: Delayed Engagements and Flared Shifts.</b>	
---	<b>K77884H</b>	1	Master Overlap Control Valve Sleeve Kit ( <b>Sonnax</b> ) ..... 1996-On <b>Addresses: Harsh Bump or Flared Shifts, Long Shifts and Gear Ratio Codes.</b>	
---	<b>77881H</b>	1	Spring Loaded Capsule and Checkball ( <b>OEM</b> ) ..... 1996-On <b>Addresses: Prevents Harsh 3-2 downshift.</b>	
---	<b>K77989L</b>	1	Oversized Pressure Regulator Valve Kit ( <b>Sonnax</b> ) ..... Various 2004-On <b>See Sonnax Catalog for Application Info. Use w/K77589L Tool Kit.</b>	
---	<b>K77887L</b>	1	Oversized TC Lockup Clutch Regulator Valve Kit ( <b>Sonnax</b> ) ..... Various 2004-On <b>See Sonnax Catalog for Application Info. Use w/K77587L Tool Kit.</b>	
---	<b>77896H</b>	1	Oversized Manual Valve ( <b>Sonnax</b> ) ..... 1996-On <b>See Sonnax Catalog for Application Info. Use w/K77596H Tool Kit.</b>	
---	<b>77880H</b>	1	Linkage Cover ..... 1996-99	
---	<b>77880J</b>	1	Linkage Cover ..... 2000-On	
---	<b>77990H</b>	1	Dip-Stick ..... <b>Mercedes</b> ..... 1996-On	
---	<b>77990HB</b>	1	Dip-Stick ..... <b>Chrysler Crossfire/Sprinter Van</b> ..... 2003-On	
---	<b>77990HC</b>	1	Dip-Stick ..... <b>Chrysler C Class/Jeep</b> ..... 2003-On	
---	<b>77991H</b>	1	Dipstick Tube Cap Clip ( <b>Usually Broken Upon Removal</b> ) ..... 1996-On	
<b>HARD PARTS</b>				
<b>Note : When ordering Hard Parts, please add the appropriate suffix : (-R) Reman, (-U) Used, (-A) Aftermarket.</b>				
100A	<b>K77895HK</b>	1	Pump Body and Gears ..... 1996-On	
---	<b>77896HK</b>	1	<b>Pump Pocket Wear Plate (Drop-in Plate, Saves Worn Bellhousing) ..... 1996-On</b>	
3A	<b>77998H</b>	1	Intermediate/Pump Bonded Plate ..... 1996-On	
112-116C	<b>K77835HA</b>	1	Geartrain ( <b>3-Pinion Type</b> ) Package ( <b>34 x 65, Will Retrofit 34 x 54</b> ) ..... 1996-On	
112-116C	<b>K77835HB</b>	1	Geartrain ( <b>4-Pinion Type</b> ) Package ( <b>30 x 60, Will Retrofit 30 x 50</b> ) ..... 1996-On	
---	<b>K77442H</b>	1	End-Play Adjustment Shim Kit ( <b>Superior</b> ) ..... 1996-On	
150E	<b>75-102A</b>	1	Reman Valve Body ( <b>Mercedes</b> ) ..... <b>Last 4 Digits of Casting # 0206</b> ..... 1996-On	
150E	<b>75-102B</b>	1	Reman Valve Body ( <b>Mercedes</b> ) ..... <b>Last 4 Digits of Casting # 0406</b> ..... 1996-On	
150E	<b>75-102C</b>	1	Reman Valve Body ( <b>Mercedes</b> ) ..... <b>Last 4 Digits of Casting # 0506</b> ..... 1996-On	
150E	<b>75-102D</b>	1	Reman Valve Body ( <b>Mercedes</b> ) ..... <b>Last 4 Digits of Casting # 0606</b> ..... 1996-On	
150E	<b>55-102D</b>	1	Reman Valve Body ( <b>Jaguar</b> ) ..... <b>Last 4 Digits of Casting # 0006</b> ..... 1996-On	
150E	<b>10-135A</b>	1	Reman Valve Body ( <b>Chrysler</b> ) ..... <b>w/Two Oil Channels</b> ..... 2003-On	
150E	<b>10-135B</b>	1	Reman Valve Body ( <b>Chrysler</b> ) ..... <b>w/One Oil Channel</b> ..... 2004-On	