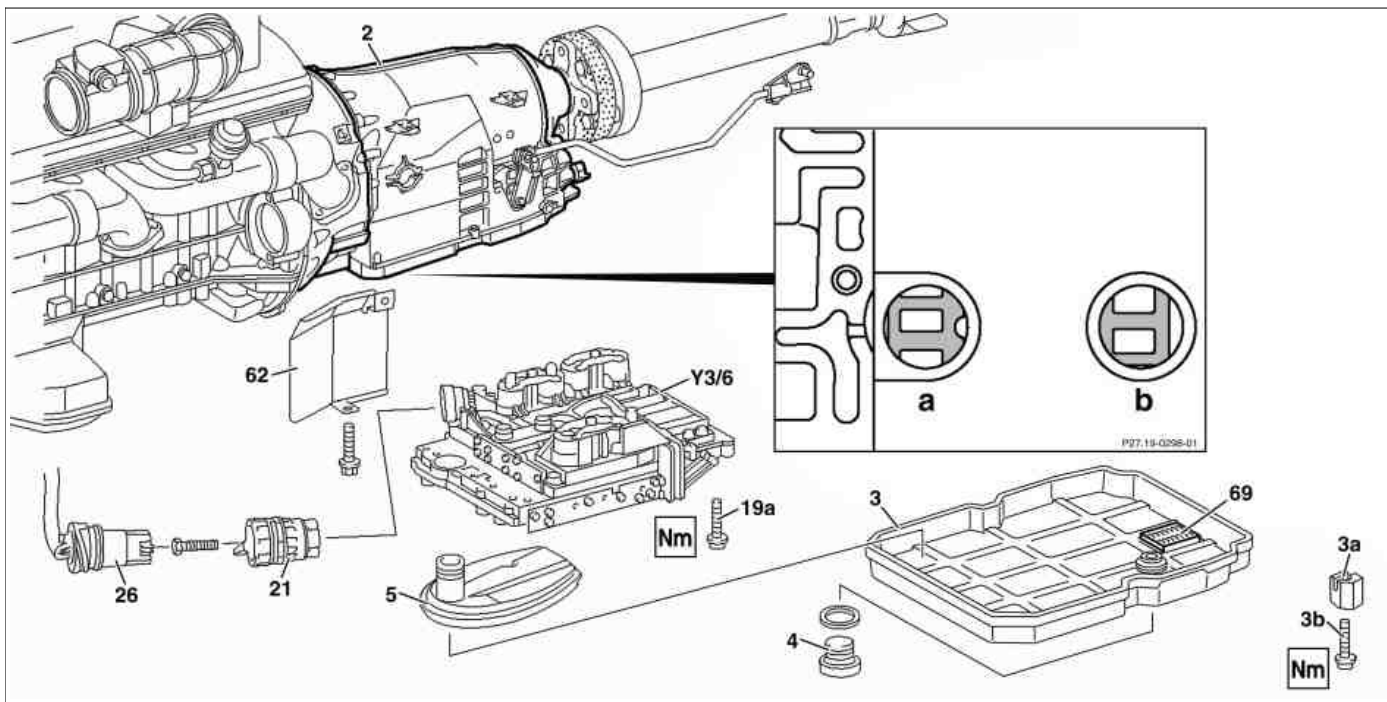


TRANSMISSION 722.6 in MODEL 129, 140, 163, 170, 202, 208, 210, 211, 215, 220, 230 (except , 220.874 /876)  
 TRANSMISSION 722.6 in MODEL 461, 463 (except 461.331, 463.270 /271)

















P27.19-2096-09

- |    |                      |     |                   |      |                         |
|----|----------------------|-----|-------------------|------|-------------------------|
| 2  | Transmission housing | 5   | Oil filter        | 69   | Magnet                  |
| 3  | Transmission oil pan | 19a | Screw             | Y3/6 | Electrical control unit |
| 3a | Sprag                | 21  | Pilot bushing     | a    | Hole for rpm sensor n3  |
| 3b | Screw                | 26  | Plug-in connector | b    | Hole for rpm sensor n2  |
| 4  | Oil drain screw      | 62  | Heat shield       |      |                         |

**Modification notes**

|         |  |  |                     |
|---------|--|--|---------------------|
| 26.2.08 | Value changed: Bolt securing pilot bushing to electrohydraulic controller unit |  | *BA27.19-P-1003-01A |
|---------|--|--|---------------------|

| Icon | Remove/install  |   |  |
|------|---|---|--|
| ⓘ    | Before starting work the area around the separation points on the transmission must be thoroughly cleaned. Even the smallest dirt particles, introduced into the hydraulic components, can lead to malfunctions and a total failure of the transmission |   |  |
| 1    | Switch ignition off, remove ignition key (transmitter key)  | <b>i</b> Vehicles with Keyless-Go code 889: Press the Keyless-Go start and stop button repeatedly until the ignition is switched off. Remove the Keyless Go transmitter card or transmitter key from the vehicle and store beyond the reach of the transmitter (min. 2 m).  |  |
| 2.1  | Raise vehicle with vehicle lift   | Models 461, 463   | AR00.60-P-1000G  |
| 2.2  | Remove rear part section of engine compartment paneling   | Model 140 with gasoline engine: Detach rear section of the lower engine compartment paneling on the vehicle underbody and remove downwards.<br>Model 170<br>Model 163.172/ 174/ 175<br>Model 211 with gasoline engine<br>Model 215, 220 with gasoline engine<br>Model 129, 202, 208, 210 with gasoline engine<br>Model 230 with gasoline engine | AR61.20-P-1105A<br>AR61.20-P-1105GH<br>AR61.20-P-1105T<br>AR61.20-P-1105M<br>AR61.20-P-1105AB<br>AR61.20-P-1105R |
| 2.3  | Remove rear part of bottom sections of soundproofing  | Model 140, 163 with diesel engine: Detach rear section of noise bottom section of soundproofing on vehicle underbody and remove downwards.<br>Model 202 with diesel engine  | AR94.30-P-5300A  |

|   |   |   |  |
|---|---|---|--|
|   |   | Model 210 with diesel engine<br>Model 211 with diesel engine<br>Model 220 with diesel engine  | AR94.30-P-5300AB<br>AR94.30-P-5300T<br>AR94.30-P-5300M           |
| 3   | Detach front retaining bracket of rear engine compartment paneling  | Model 230   |  |
| 4.1   | Disconnect plug connector (26)  | Model 163, 463  |  |
| 4.2   | Detach heat shield (62) and unplug connector (26)   | Except model 163, 463<br>  | AR27.10-P-0500-01A<br><br>*BA27.40-P-1014-01A                    |
| 5   | Loosen pilot bushing (21), remove from transmission housing (2) and replace if necessary<br><br> BT<br>Pilot bushing modified   |    | AR27.19-P-0230A<br><br>*BA27.19-P-1003-01A<br>BT27.19-P-0004-01A |
| 6   | Drain transmission oil; to do this, unscrew oil drain screw (4)   |  <b>Installation:</b> Replace sealing ring.<br><br> If the transmission oil is burnt or contains particles, the oil cooling lines and oil cooler must be flushed:<br>Except model 461, 463<br>Models 461, 463  | *BA27.10-P-1001-03A<br><br>AR27.55-P-0001A<br>AR27.55-P-0001GA   |
| 7   | Remove transmission oil pan (3)   |  <b>Installation:</b> Install new gasket<br>  | *BA27.10-P-1002-03A  |
| 8   | Remove magnet (69) from transmission oil pan (3)<br><br> BT<br>Magnet (69) in transmission oil pan (3), added for the first time  | Vehicles as of approx. 04/2001<br> Clean magnet (69).<br>Passenger cars only   | BT27.40-P-0003-01A   |
| 9   | Remove oil filter (5)   |   |  |
| 10  | Remove bolt (19a) and remove electric controller unit (Y3/6)  |  Pay attention to the positions of the punched windows in the pulse rings through the rpm sensor n3 hole (a) and the rpm sensor n2 hole (b).<br> If the plastic part of the selector valve does not engage in the driver of the detent plate: ↓<br>Insert selector valve in driver of detent plate.<br>Disassemble/assemble electric controller unit (Y3/6).<br> | AR27.19-P-0200-01A<br>AR27.19-P-0220A<br><br>*BA27.19-P-1001-01A |
| 11  | Install in the reverse order  |   |  |
| 12  | Check oil level in automatic transmission, correct if necessary   |   | AR27.00-P-0100AC   |
| 13  | Read out fault memory with STAR DIAGNOSIS and erase if necessary  |   |  |
| 14  | Perform transmission adaptation   | Transmission adaptation must be performed after the transmission is changed or repaired.  |  |
|  <b>Danger!</b><br><br>15 | <b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running<br>Perform engine test run and check transmission for proper function and leaktightness. | Secure vehicle to prevent it from moving by itself.<br>Wear closed and snug-fitting work clothes.<br>Do not touch hot or rotating parts.  | AS00.00-Z-0005-01A   |

 Oil pan, automatic transmission

| Number             | Designation                           |    | Trans-<br>mission<br>722.6<br>except<br>722.628/<br>648/649 | Trans-<br>mission<br>722.628 | Trans-<br>mission<br>722.649 |
|--------------------|---------------------------------------|----|---|------------------------------|------------------------------|
| BA27.10-P-1001-03A | Oil drain screw to oil pan            | Nm | 20  | 20                           | 22                           |
| BA27.10-P-1002-03A | Bolt, oil pan to transmission housing | Nm | 8   | 8                            | 8                            |

**Nm Electrohydraulic controller unit**

| Number             | Designation  |         |    | Transmission<br>722.6 |
|--------------------|--|---------|----|-----------------------|
| BA27.19-P-1001-01A | Bolt, electrohydraulic controller unit to transmission housing | Stage 1 | Nm | 8                     |
|                    |  | Stage 2 | ⌵° | -                     |
|                    |  | Stage 3 | ⌵° | -                     |
| BA27.19-P-1003-01A | Bolt, pilot bushing to electrohydraulic controller unit        |         | Nm | 2.5                   |

**Nm Housing**

| Number             | Designation                               |    | Transmission<br>722.6<br>except<br>722.660/661/662/<br>663/666/673/674 | Transmission<br>722.660/661/662<br>/663/666/673/674<br>4 |
|--------------------|---|----|--|--|
| BA27.40-P-1014-01A | Bolt, heat shield to transmission housing | Nm | 6  | 6  |