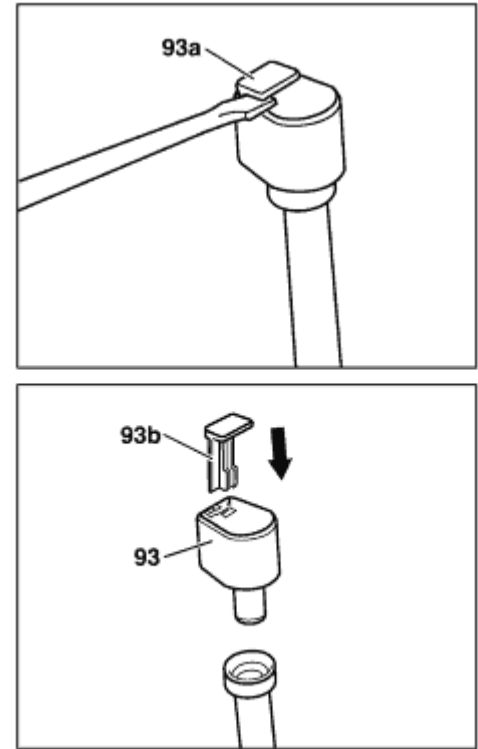


|                 |  |         |
|-----------------|--|---------|
| AR27.55-P-0100A | Flush out automatic transmission and converter | 11.3.05 |
|-----------------|--|---------|

**TRANSMISSION 722.6**

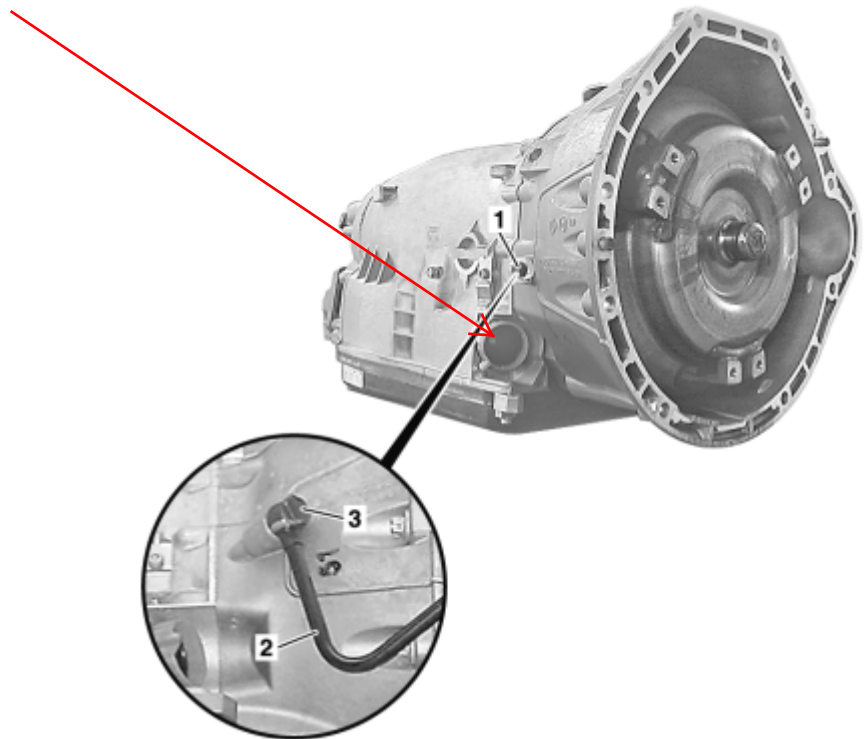
- 93 Cap
- 93a Plate
- 93b Locking pin



P27.00-2232-03

That is pilot bushing. 13 pin connector fits there

- 1 Oil cooling line connection
- 2 Right oil cooling line
- 3 Banjo bolt

























P27.55-2047-12

- 1 Oil cooling line connection
- 2 Right oil cooling line
- 3 Banjo bolt
- 4 Connector
- 5 Hose clamp



P27.55-2048-12

|  |  |  |                                    |
|--|--|--|------------------------------------|
|                 | <b>Remove/install</b>  |  |                                    |
|  <b>Danger!</b> | <b>Risk of injury</b> to skin or eyes from hydraulic fluid spraying out under pressure. <b>Risk of poisoning</b> from swallowing hydraulic fluid.  | Depressurize the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.  | <a href="#">AS00.00-Z-0013-01A</a> |
|  <b>Danger!</b> | <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 engine  | Secure vehicle to prevent it from moving.<br>Wear closed and snug-fitting work clothes.<br>Do not grasp hot or rotating parts.   | <a href="#">AS00.00-Z-0005-01A</a> |
|  <b>Danger!</b> | <b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.   | Align vehicle between lifting platform columns and position the four mounting plates on the lifting platform support points specified by the vehicle manufacturer.   | <a href="#">AS00.00-Z-0010-01A</a> |
|                 | Notes on self-locking nuts and bolts   |  | <a href="#">AH00.00-N-0001-01A</a> |
|                 | Before opening the hydraulic system the area surrounding the separation point should be cleaned thoroughly. Even the smallest dirt particles, introduced into the hydraulic components, can lead to malfunctions and a total failure of the hydraulic system |  |                                    |
| 1  | Remove the rear section of the engine compartment paneling   | Model 163.172/174/175  | <a href="#">AR61.20-P-1105GH</a>   |
| 2  | Unscrew drain plug from the transmission oil pan and drain transmission oil  |  The transmission oil should have an operating temperature of 80 °C.  |                                    |
|  |  |   | <a href="#">BA27.10-P-1001-03A</a> |
| 3  | Detach transmission oil pan and replace transmission oil filter  |  Be careful when removing the transmission oil pan as approx. 2.5 liters of transmission oil are still in the transmission oil pan. |                                    |
| 4  | Mount transmission oil pan   |  Install new gasket.  |                                    |
|  |  |   | <a href="#">BA27.10-P-1002-03A</a> |
| 5  | Detach retaining clamps of right oil cooling line (2) from engine oil pan  |  Model 163  | <a href="#">BA27.55-P-1004-01A</a> |
| 6  | Unscrew banjo bolt (3) from connection (1) of right oil cooling line (2)   |  Model 163  | <a href="#">BA27.55-P-1002-01A</a> |
| 7  | Connect connection fitting (4) with an approx. 1.5 meter long hose using hose clamp (5)  |  Take connection fitting (4) from  hand pump.  |                                    |
|  |  |   | <a href="#">210 589 00 71 00</a>   |
| 8  | Mount banjo bolt (3) and oil cooling line (2) to connection fitting (4)  |  |                                    |
| 9  | Hold hose in a bucket with a scale   |  The bucket should have a capacity of 10 liters.  |                                    |
| 10   | Unlock cap (93)  |  Break off plate (93a) using a suitable tool and press out the locking pin (93b) remaining in the cap (93) downwards.               |                                    |
| 11   | Detach cap (93) from oil filler pipe   |  |                                    |
| 12   |  Fit funnel to oil filler pipe and pour 5 liters of oil into transmission   |  14 liters of transmission oil are needed for the entire flushing process.  |                                    |
|  |  |   | <a href="#">126 589 12 63 00</a>   |
|  | <b>Flushing</b>  |  |                                    |

|          |   |   |                                 |
|----------|---|---|---------------------------------|
| <b>i</b> | An assistant is necessary for the flushing process.                             |   |                                 |
| 13       | Start engine and allow transmission oil to run into bucket via hose             |  Always observe work sequence and specifications for service products, otherwise the transmission can be damaged |                                 |
| 14       | When 3 liters of transmission oil are in the bucket immediately turn off engine |   |                                 |
| 15       | Add 3 liters of transmission oil  |   |                                 |
| 16       | Repeat flushing process twice   |   |                                 |
| 17       | Pour in remaining transmission oil (3 liters) and check transmission oil level  | Model 163   | <a href="#">AR27.00-P-0101A</a> |
| 18       | Install in the reverse order  |   |                                 |
| 19       | Carry out engine test run, checking the transmission for function and oil leaks |   |                                 |

**Nm** Oil pan, automatic transmission

| Number             | Designation                           | Transmission 722.6 |    |
|--------------------|---------------------------------------|--------------------|----|
| BA27.10-P-1001-03A | Oil drain plug to oil pan             | Nm                 | 20 |
| BA27.10-P-1002-03A | Bolt, oil pan to transmission housing | Nm                 | 8  |
|                    |                                       | 4°                 | -  |

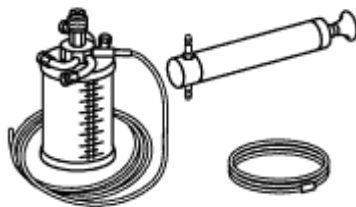
**Nm** Transmission, oil cooler

| Number             | Designation   | Transmission 722.662/663/666/674 |    |    |
|--------------------|---|----------------------------------|----|----|
| BA27.55-P-1002-01A | Banjo bolt or union nut, oil cooler line to torque converter and transmission housing | 1st stage                        | Nm | 20 |
|                    |   | 2nd stage                        | 4° | -  |
| BA27.55-P-1004-01A | Bolt, clamp of oil cooler line to oil pan   |                                  | Nm | 8  |



126 589 12 63 00

Funnel



210 589 00 71 00

Hand pump