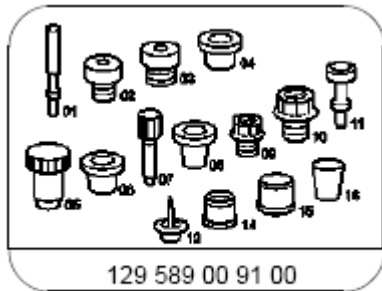


2009 Mercedes-Benz E550

TRANSMISSION Automatic Transmission - Testing & Repair - E550 (211.072)

01D		
BA27.55-P-1004-01D	Bolt, dual clamp to oil line	Nm 8
BA27.55-P-1006-01D	Bolt, oil cooling line double hose clamp to engine oil pan	Nm 8



Set of stop plugs

Fig. 9: Identifying Set Of Stop Plugs (129 589 00 91 00)
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

REPAIR MATERIALS

Number	Designation	Order number
BR00.45-Z-1028-04A	LU cleaner	Adolf Wuerth GmbH & Co. KG Reinhold-Wurth-Str. 12-17 74653 Kunzelsau-Gaisbach Germany Tel. +49 7940 15-0 Fax +49 7940 15-1000 www.wuerth.de

- 1 Left oil cooling line (feed)
- 2 Right oil cooling line (return)
- 5 Clip
- 6 Clip
- 10 Clip
- 11 Clip
- 12 Clip

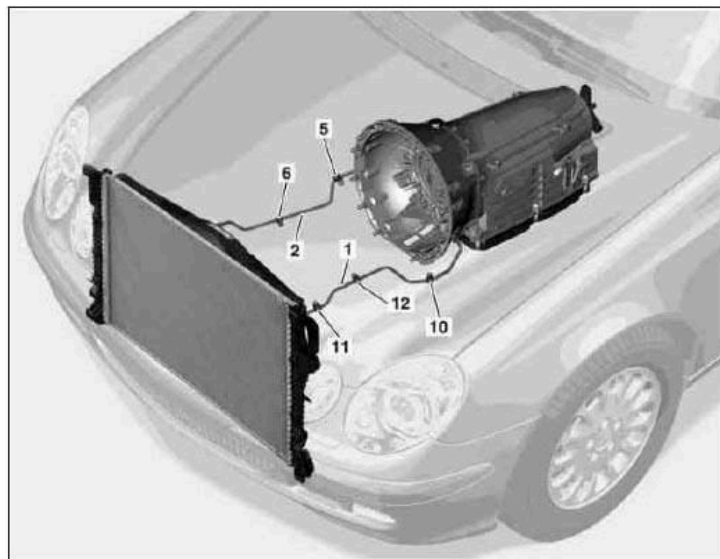
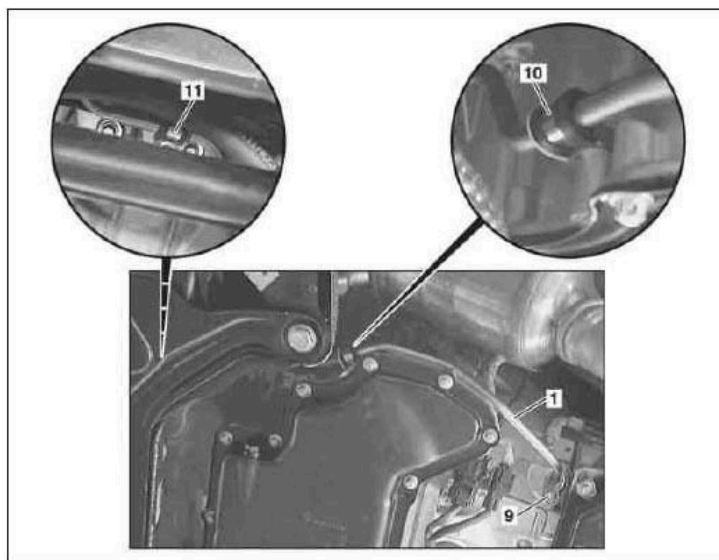


Fig. 10: Identifying Oil Cooling Lines & Clips
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

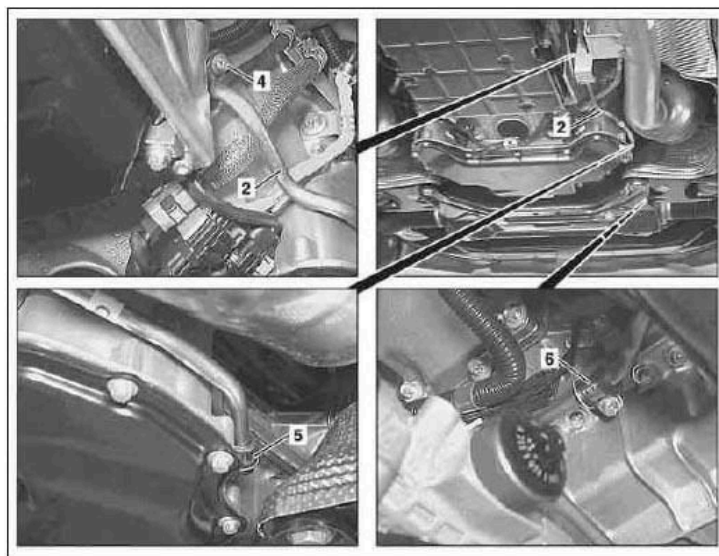
- 1 Left oil cooling line (feed)
- 9 Bolt
- 10 Clip
- 11 Clip



P27.55-2036-06

Fig. 11: Identifying Left Oil Cooling Line (Feed), Bolt And Clips
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

- 2 Right oil cooling line (return)
- 4 Bolt
- 5 Clip
- 6 Clip





P27.55-2037-06


Fig. 12: Identifying Right Oil Cooling Line (Return), Bolt And Clips
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.


1. Thoroughly clean area around separation point at hydraulic system.


⚠ Danger! Even the smallest of dirt particulates in the hydraulic components can lead to malfunctions and a total transmission breakdown.

2. Remove retaining clamps (10, 11, 12).
3. Remove bolt (9).
4. Pull left oil cooling line (1) out of transmission and seal off line connection and oil hole in transmission with  stop plugs.

 **Danger!** To prevent damage and leaks, do not bend or kink oil cooling line (1).

 **Installation:** Install new O-ring.

5. Remove retaining clamps (5, 6).
6. Remove bolt (4).
7. Pull right oil cooling line (2) out of transmission and seal off line connection and oil hole in transmission with  stop plugs.

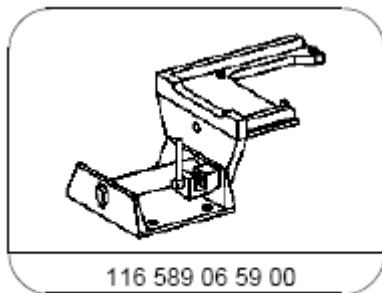
 **Danger!** To prevent damage and leaks, do not bend or kink oil cooling line (2).

 **Installation:** Install new O-ring.

8. Install in the reverse order.

FASTEN TRANSMISSION ON ASSEMBLY STAND - AR27.10-P-0600-01W

Transmission 722.9



Assembly stand

Fig. 13: Identifying Assembly Stand (116 589 06 59 00)
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

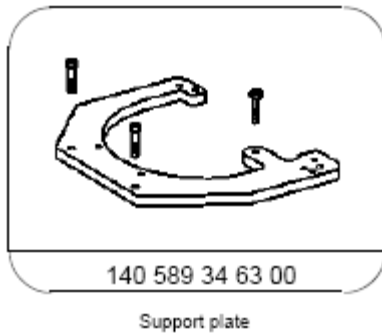
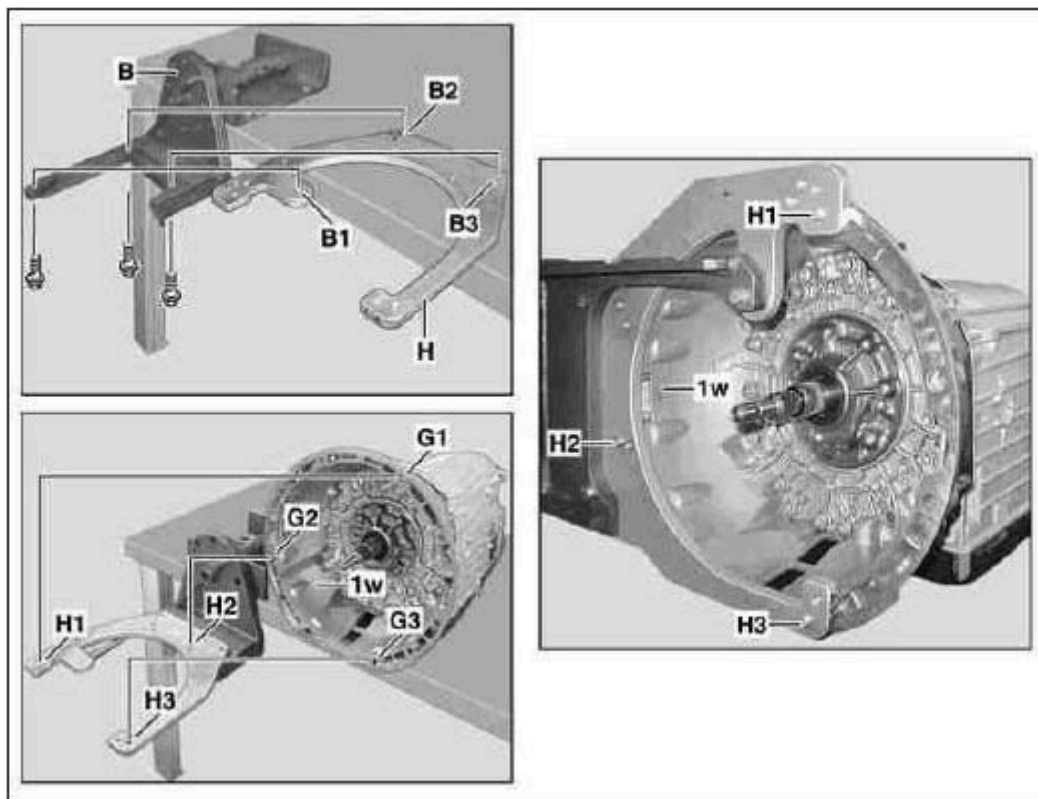


Fig. 14: Identifying Support Plate (140 589 34 63 00)
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

1. Bolt support plate (H) to assembly stand (B) at threaded holes (B1, B2, B3).
2. Align holes (G1, G2, G3) of torque converter housing (1w) with threaded holes (H1, H2, H3) of support plate (H).

⚠ Danger! After positioning, secure the transmission to prevent it from tilting and slipping off.

3. Bolt torque converter housing (1w) to support plate (H) at threaded holes (H1, H2, H3).



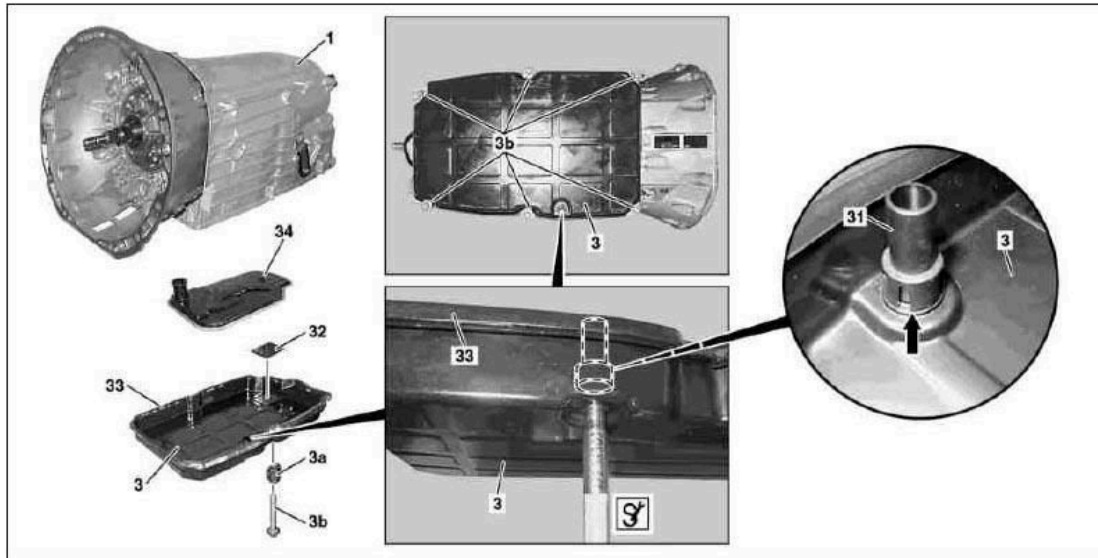
P27.00-2140-06

Fig. 15: Fastening Transmission On Assembly Stand

Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

REMOVE/INSTALL AUTOMATIC TRANSMISSION OIL PAN - AR27.10-P-7030W

TRANSMISSION 722.9



P27.00-2136-09

1 Transmission housing
3 Transmission oil pan
3a Sprag

3b Bolts
31 Overflow pipe
32 Magnet

33 Gasket
34 Oil filter

Fig. 16: Identifying Automatic Transmission Oil Pan Components
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

Illustration shows transmission oil pan without sloped surface and with black overflow tube

MODIFICATION NOTES

23.6.10	Reference to modified transmission oil pan, added	BT27.10-P-0006-01A
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	Remove/install		
	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
		ⓘ General notes Pay attention to cleanliness during all operations. No fluffy cleaning cloths may be used. Chamois leathers are the most suitable.	
		ⓘ The transmission oil pan (3) and overflow pipe (31) have been redesigned to optimize the oil supply	