

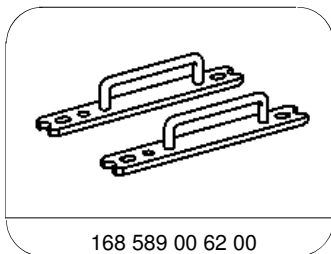
AR27.20-P-0500-01W	Remove/install torque converter		
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Modification notes

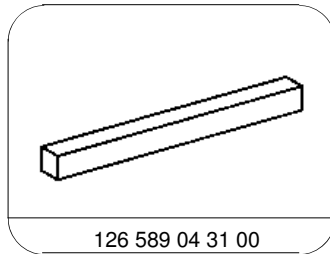
7.6.06	Installed height of torque converter	Transmission 722.9	*BE27.20-P-1001-01E
22.5.06	Measurement for determining installed height of torque converter changed	Step 6	

Test values for torque converter

Number	Designation				Transmission 722.9
BE27.20-P-1001-01E	Installed height of torque converter	Distance, bolt flange to transmission housing flange	helical screwed connection	mm	9.5
			axial screwed connection	mm	19.5
			See fig.		AR27.20-P-0500-01W



Grab handle





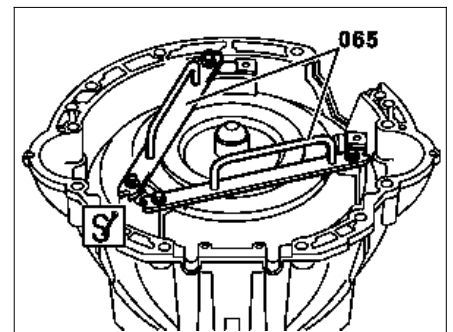
Parallel support

Repair materials

Number	Designation	Order number
BR00.45-Z-1009-06A	Multi-purpose paste	A 000 989 80 51 10



Remove torque converter

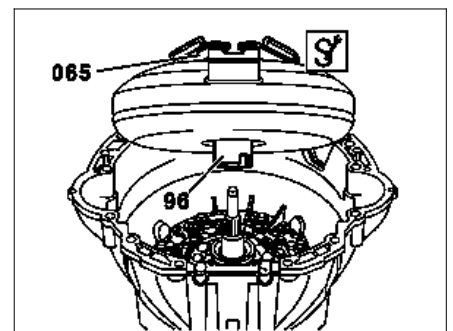
- 1 Position transmission vertically.
- 2  Fit grab handles (065) to torque converter.
- 3 Remove torque converter without tilting.
- 4.1 If there are metal shavings in transmission oil pan, drain transmission oil from torque converter through a clean cloth.
 -  If there are metal shavings in the cloth: replace the torque converter as any remaining metal shavings will damage the transmission.
- 4.2 If transmission oil is burnt or interspersed with abrasive particles: Rinse torque converter, oil cooling lines and oil cooler.



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Install torque converter

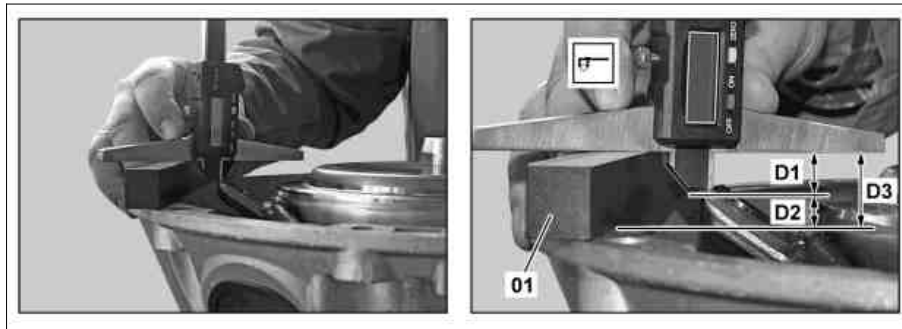
- 5 Insert torque converter carefully without tilting.
 -  Do not use force, otherwise the axial end stop of the torque converter will be irreparably damaged.
 -  When doing so, move the torque converter back and forth until the drive spigots of the oil pump engage in the disengagement shift tubes of the torque converter.
- 6 Apply a little multi-purpose paste to journal (96).







P27.20-0215-01

Check that torque converter is seated correctly

- ⓘ An incorrectly inserted torque converter will be damaged when the transmission is installed, and will cause damage to the oil pump.



P27.51-2077-04

- Place  parallel gauge (01) on flange of transmission housing.
- Using depth gauge, measure difference dimension (D1) between  parallel gauge (01) and bolt flange of torque converter.
- Add measured difference dimension (D1) and specified distance dimension (D2) together.
 - ⓘ If the torque converter is inserted correctly, the sum (D1+D2) corresponds to the thickness (D3) of the  parallel gauge (01): $D1 + D2 = D3$.
- If $D1 + D2 \neq D3$: remove and insert the torque converter again and check whether it is seated correctly.
- Detach  grab handles (065) from torque converter.

Depth gauge
<http://gotis.aftersales.mercedes-benz.com>