

TRANSMISSION 722.6 in MODEL 129, 140, 163, 170, 202, 208, 210, 215, 220, 230.467 /474 /475

TRANSMISSION 722.6 in MODEL 211.004 /006 /606 /016 /616 /023 /026 /028 /042 /043 /061 /065 /070 /076 /08 /206 /216 /223 /226 /242 /243 /261 /265 /270 /276 /28

TRANSMISSION 722.610 in MODEL 463.209 /232 /233 /244 /245 /250

TRANSMISSION 722.611 in MODEL 463.308 /330 /331

TRANSMISSION 722.630 in MODEL 463.206 /240 /241 /243 /246 /247 /248 /249 /254

TRANSMISSION 722.637 in MODEL 461.302 /332 /342 /345, 463.322 /323

TRANSMISSION 722.638 in MODEL 463.309 /332 /333

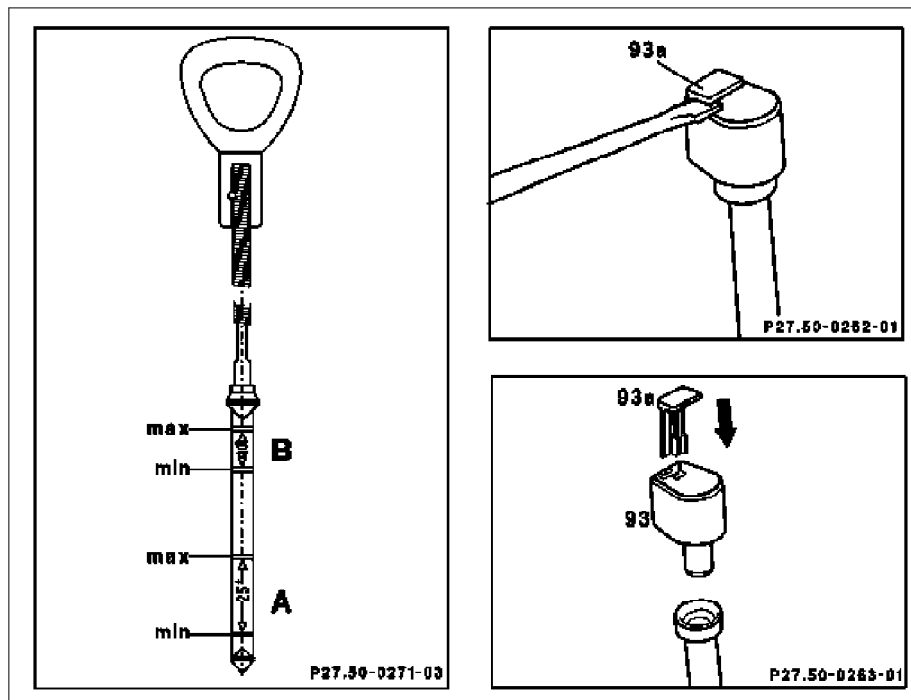
TRANSMISSION 722.649 in MODEL 230.476 /479, 240.078 /178

93 Cap

93a Locking pin

A 25 °C (77 °F)

B 80 °C (180 °F)



P27.50-0274-06

Adding transmission oil			
<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 when working in engine during starting procedure	Secure vehicle to prevent it from moving. Wear closed and snug-fitting work clothes. Do not grasp hot or rotating parts.	AS00.00-Z-0005-01A
1	Remove locking pin (93a)	<b>i</b> To do this, shear off the plate of the locking pin with a suitable tool and press down the rest of the pin in the cap.	
2	Take off cap (93)		
3	Fill with transmission oil	<p><b>⚠</b> When refilling and after changing the oil, pour in approx. 5 l of transmission oil before starting the engine. Insufficient and excessive quantities of oil result in malfunctions and transmission damage.</p> <p><b>i</b> The vehicle must be horizontal.</p> <p> Funnel</p> <p> Filling pipe</p>	<p>*BF27.00-P-1001-01C</p> <p>*126589126300</p> <p>*140589496300</p>
4	Start engine and allow to idle in selector lever position "P"	<b>i</b> When refilling, refill with the rest of the specified oil quantity.	
5	Shift through the driving stages several times with the vehicle stationary and the engine idling	<b>i</b> Operate service brakes at the same time.	
<b>⏪</b>	Check <b>oil level and correct if necessary</b>		

6	Check transmission oil temperature	<p><b>i</b> Operate service brakes at the same time. When the transmission is cold, the oil level indicator must be between the "min." and "max." marks, 25° C (transmission oil temperature). The exact oil level must be between the "min." and "max." mark at 80°C (transmission oil temperature).</p> <p><b>i</b> Using the HHT or STAR DIAGNOSIS the current transmission oil temperature must be read out in one of the selector lever positions R, D, 4, 3, 2 or 1.</p>	
a	Connect STAR DIAGNOSIS and read out fault memory	STAR DIAGNOSIS diagnosis system	AD00.00-P-2000-04A *WE58.40-Z-1013-06A
7	Insert dipstick fully and remove again, read off oil level, repeat if necessary	<p><b>w</b> If too much transmission oil is added, it is absolutely essential to drain off or extract the surplus. Insufficient and excessive quantities of oil result in malfunctions and transmission damage.</p> <p><b>i</b> Warm up the transmission, wait at least 2 minutes and check the oil level with the engine running</p> <p><b>S</b> Measuring rod</p> <p><b>S</b> Hand pump</p>	*140589152100 *210589007100
8	Check oil level again and correct if necessary		
9	Mount cap (93) on oil filler pipe and press in new locking pin (93a) until it latches		
10	Check transmission for leaks	<b>w</b> In the event of oil loss determine and eliminate cause, otherwise it may result in malfunctions, transmission damage and serious environmental pollution.	

#### Automatic transmission

Number	Designation		Transmission 722.600/601/604/605/ 606/607/608/609/611/ 614/616/617/618/629/ 633/634/639/660/661/ 662/664/665/695/696/ 699	Transmission 722.602/603	Transmission 722.610/638
	when refilling				
BF27.00-P-1001-01C	Filling capacity	Liters	7.5 (+0.5)	7.0+0.5	8.0
	when changing oil	Liters	-	-	-
	Specifications for Operating Fluids	Sheet	BB00.40-P-0236-10A	BB00.40-P-0236-10A	BB00.40-P-0236-10A
		Sheet	BB00.40-P-0236-12A	BB00.40-P-0236-12A	BB00.40-P-0236-12A

#### Automatic transmission

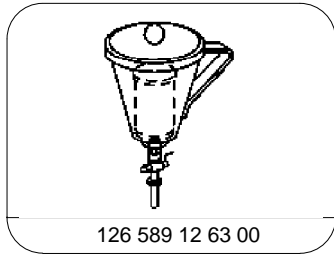
Number	Designation		Transmission 722.620/621 in model 129	Transmission 722.620/621 in model 140, transmission 722.622/623/ 624/625/626/627/628/ 630/631/632/633/636/ 643/663/666/669
BF27.00-P-1001-01C	Filling capacity	Liters	8.2 (+0.5)	8.6+0.5
	when changing oil	Liters	-	-
	Specifications for Operating Fluids	Sheet	BB00.40-P-0236-10A	BB00.40-P-0236-10A
		Sheet	BB00.40-P-0236-12A	BB00.40-P-0236-12A

#### Automatic transmission

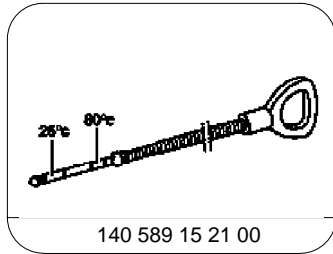
Number	Designation			Transmission 722.637 in model 461.302/331/332/ 342/345	Transmission 722.637 in model 463.322/323	Transmission 722.649
		when refilling	Liters			
BF27.00-P-1001-01C	Filling capacity	when refilling	Liters	7.9	7.9	7.5
		when changing oil	Liters	-	-	-
	Specifications for Operating Fluids		Sheet	BB00.40-P-0236-10A	BB00.40-P-0236-10A	BB00.40-P-0236-10A
			Sheet	BB00.40-P-0236-12A	BB00.40-P-0236-12A	BB00.40-P-0236-12A

### Automatic transmission

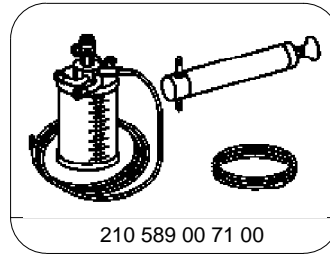
Number	Designation			Transmission 722.640/644	Transmission 722.643	Transmission 722.667/668/672
		when refilling	Liters			
BF27.00-P-1001-01C	Filling capacity	when refilling	Liters	7.5	8.7	9
		when changing oil	Liters	-	-	-
	Specifications for Operating Fluids		Sheet	BB00.40-P-0236-10A	BB00.40-P-0236-10A	BB00.40-P-0236-10A
			Sheet	BB00.40-P-0236-12A	BB00.40-P-0236-12A	BB00.40-P-0236-12A



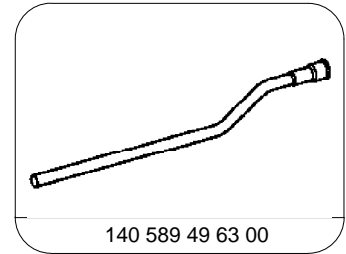
Funnel



Measuring rod



Hand pump



Filling pipe

### Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	STAR DIAGNOSIS Compact diagnosis system for passenger cars, order number 6511 1801 00
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