

27-020 Oil change, filter change

Oil capacity in liters		Oil type	
Transmission	722.002	722.000 722.001 722.003 722.004	
Initial capacity	7.9	8.9	ATF for approved oil types refer to "Specifications for Service Products", page 236.4
During oil change	6.9	7.9	

Tightening torque	Nm	(kpm)
Fastening bolts of oil pan	7	(0.7)

Special tool

Filling funnel		111 589 04 63 00
----------------	--	------------------

Oil change intervals

Oil change, filter change every 45,000 km¹⁾

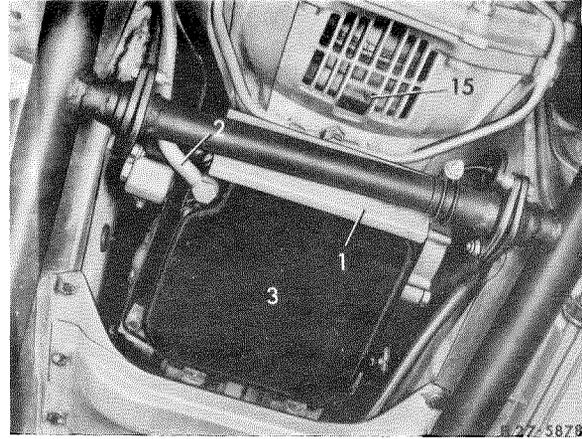
¹⁾ For vehicles which are running under aggravated conditions, (such as taxis, city driving, vehicles with trailers or on mountain roads) an additional oil change is required (without replacing filter).

Draining the oil and changing the filter

The following conditions must be observed during oil change: Vehicle on level ground, transmission at operating temperature, engine shut off.

Unscrew oil filler pipe (2) and let oil run out.

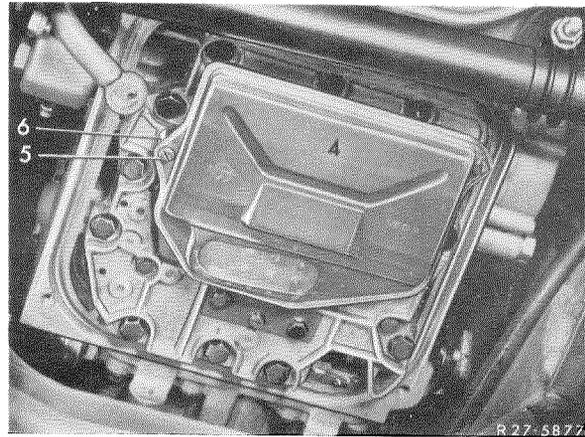
Rotate crankshaft until the oil drain plug (15) shows up and can be screwed out.



When no more oil runs out of transmission and torque converter, remove transmission oil pan and replace oil filter (4).

Mount oil pan and tighten fastening bolts to 7 Nm (0.7 kpm). Attach oil filler pipe.

Screw oil drain plug (15) into torque converter using a new sealing ring.



Filling-in oil

First fill in a major quantity (approx. 4 liters) of an approved automatic transmission fluid through a funnel with fine-meshed strainer with the engine stopped. Start engine in selector lever position "P" and run at idling speed, add remaining oil immediately.

Actuate service brake and leave selector lever in each position for several seconds. Then check oil level (refer to 27-010).

Attention!

The oil level in the transmission changes with the oil temperature. The marks (max. and min.) on oil dipstick refer to an oil temperature of 80° C – normal temperature of transmission at operating temperature. – But at an oil temperature of 20–30° C the max. oil level is approx. 30 mm below the lower dipstick mark. This information serves for orientation during oil change, which is generally made at this oil temperature.