

Revision: Revised.

Oil Type

Automatic transmission fluid (ATF)
approved oil types

Type B, Dexron B
refer to Specifications for Service Products, page 236.4

Special Tools

Filling funnel	111 589 04 63 00
Syringe	112 589 00 72 00

Oil Level Checkup

Complete oil level checkup every 7,500 km at the latest.

This checkup is made with the engine running, the parking brake pulled and the selector lever in position "P", with the **vehicle resting on level ground in unloaded condition**.

Prior to the checkup, run engine for approx. 1–2 minutes at idle speed, so that the torque converter can fill up.

The oil level checkup can be made with transmission cold or warm. **However, the oil level can be determined more accurately when the transmission is cold (20 to 30° C ATF temperature)**, than when the transmission is warm (80° C ATF temperature). The ATF temperature of 80° C is attained only after driving for some time and can only be estimated even then.

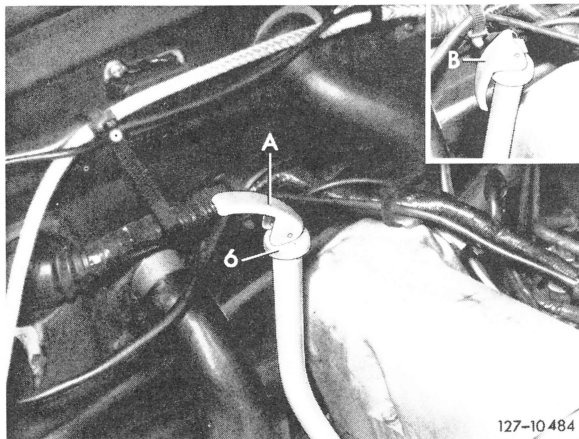


Fig. 1
6 Oil dipstick

Measure oil level with the oil dipstick (6) completely, immersed. When using oil dipstick with snap lock, with snap lever opened (A in Fig. 1).

Absolute cleanliness is essential! Wipe oil dipstick with a lintfree cloth (leather is best). Even insignificant contamination may result in operating trouble.

The oil level in the transmission changes with its temperature. The markings (max. and min. in Fig. 2) refer to an oil temperature of 80° C. **However, at an oil temperature of 20–30° C the max. oil level is 30 mm below the minimum mark.**

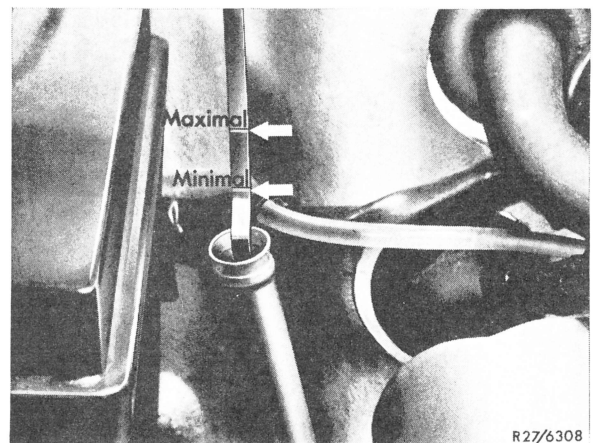


Fig. 2

Upon measuring or correction of oil level, insert oil dipstick completely and swivel snap lever downwards (B in Fig. 1).

27.2 Oil Level Checkup

Note

Add required oil through a funnel with a fine mesh strainer **into pipe for oil dipstick** with the engine running.

If the **oil level is too low**, the oil pump will **suck up air**, which can be clearly heard. The **oil will foam** and provide **wrong results**, when checking now. Wait until the oil foam is down (for approx. 2 minutes), add oil and check oil level.

Excessive transmission fluid must be drained or drawn off, since otherwise the transmission gears will be splashing in oil. The temperature will increase until the foaming oil is ejected through breather. **Con-**

tinuous operation under such circumstances will **lead to transmission damage**. The syringe for rinsing the oil cooler can be provided with a hose and can then be used for drawing-off excess transmission fluid.

Then actuate service brake when the upper dipstick mark is attained after adding oil. Leave selector lever in position R—N—D—N—R— in each position for several seconds — and move back to position “P”, so that the working pistons of the servo members are charged with oil. Then check oil level once again and make corrections, if required.