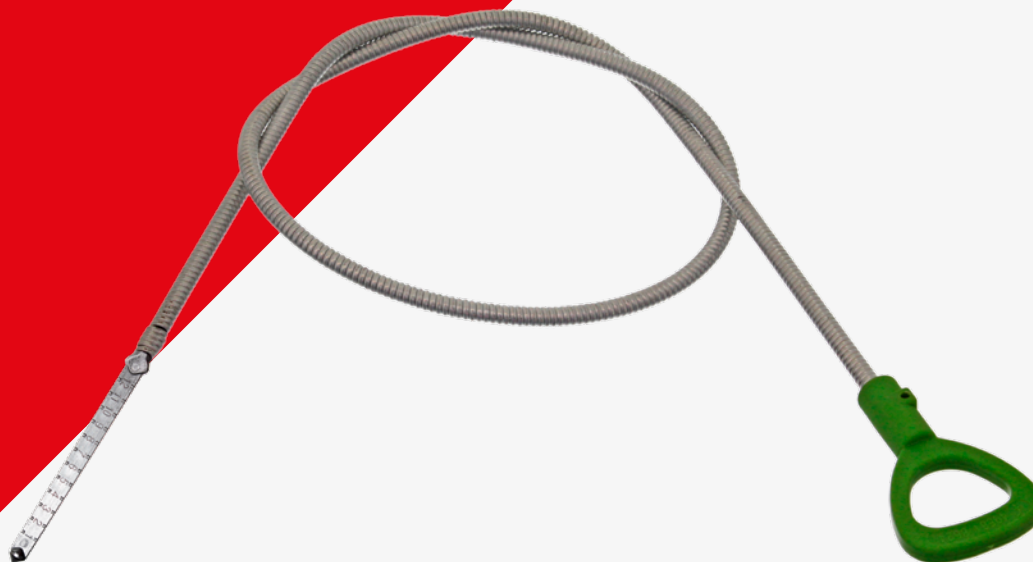


To fit:

various Mercedes-Benz models equipped with the following automatic transmissions: 700.42, 722.5, 722.7, 722.8, 724.0, 716.5



EN

Oil Dipstick for Automatic Transmission

Problem

Unable to check the oil level of the automatic transmission after an oil change has taken place or when investigating a suspected leak.

Cause

The manufacturer does not supply a dipstick to check the transmission oil level as standard equipment.

Solutions

With febi 49581 technicians can now accurately measure the transmission oil level when required. There is a transmission filler tube located in the engine compartment which is sealed at the top by a black cap with a red security locking pin - used to prevent accidental opening. Depending on the model, various parts may require removal before this is accessible.

Checking the oil level after draining the old transmission oil.

1. Break the red locking pin using a suitable tool and remove it, then remove the black cap. (Fig.1)
Note: The O-ring of the cap can stay on the tube. If it is not removed, it could get into the tube when inserting the dipstick.
2. Fill the transmission with the grade and amount of transmission oil recommended. Check partsfinder (<https://partsfinder.bilsteingroup.com/>)
3. Check the temperature of the transmission oil using a suitable diagnostic tool, then start the engine and let it idle for at least two minutes with the transmission set in the 'park' position.

For more technical information please visit: partsfinder.bilsteingroup.com

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4. Move the selector through the gears several times, holding each position for 10 seconds, then return it to 'park'. This will fill the clutch and purge any air from the transmission internals.
5. Run the engine until the transmission oil reaches the temperature specified in the manufacturer's service instructions for the draining and refilling of the transmission fluid.
6. Insert febi 49581 Oil Dipstick into the filler tube as far as it will go. The length of the filler tube will differ depending on the model of transmission in question, meaning part of the dipstick may protrude from the filler tube once it has reached the bottom. Adjust the oil level as required. (Fig.2)
7. Switch off the engine, disconnect the diagnostic tool, and remove the dipstick.
8. Replace the black cap and fit a new red locking pin - febi 44204. The cap and locking pin are also available as a kit - febi 104483. (Fig.3)
9. Replace any parts previously removed and road test the vehicle.



Note – The dipstick has a graduated scale marked from 1 to 12. The workshop manual will show what the correct level should be at a certain temperature. (Example: Scale value 5 > 7 @ 80°C).

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Figure 1

EN



Figure 2



Figure 3

For more technical information please visit: partsfinder.bilsteingroup.com