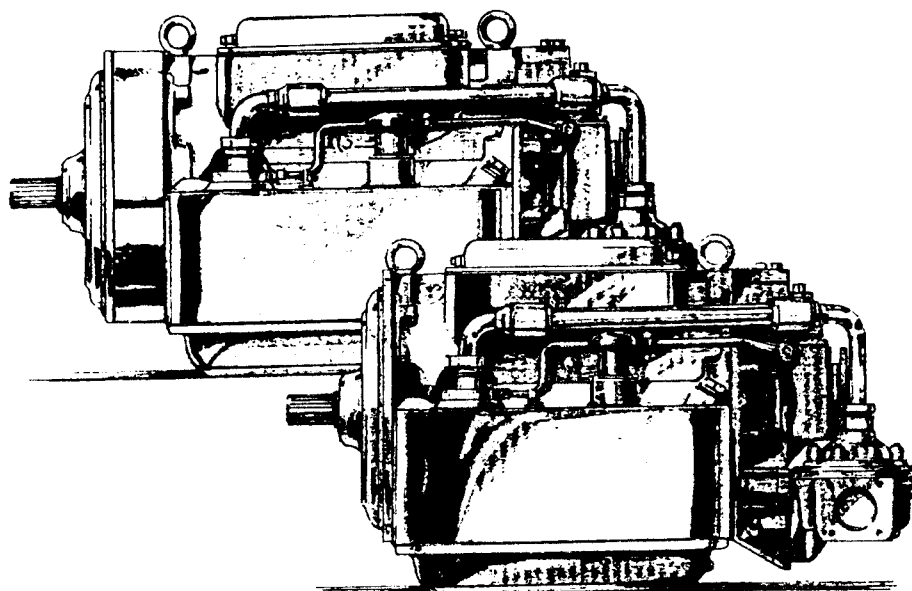
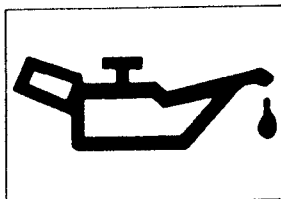


Servicing Schedule

DIWA transmissions D 851.2 / D 863

D 854.2 / D 864

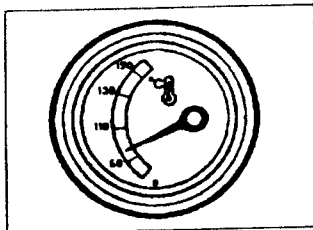


Servicing Schedule

DIWA transmissions D 851.2, D 854.2, D 863, D 864

Monthly

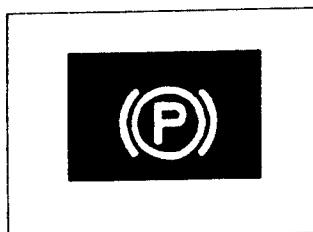
Check oil level



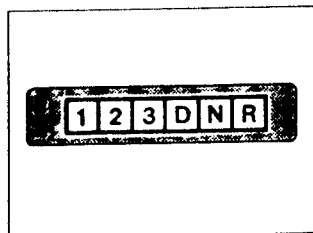
- Transmission at operating temperature (at least 60 °C)

Note:

Transmission oil temperature is about the same as cooling water temperature. The cooling water temperature indicator can therefore be used for determining transmission oil temperature.

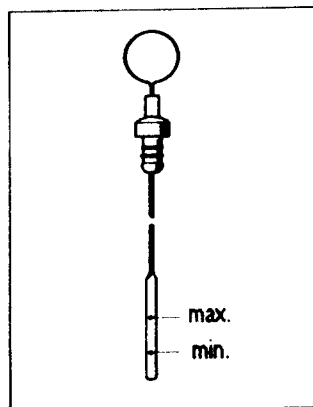


- Vehicle in horizontal position, parking brake applied.



- Press button N.

- Engine idling.



- Withdraw dipstick and clean it.
- Insert dipstick again, but only briefly to prevent the reading from being falsified by splash oil.
- Read off oil level. It must be between the two marks.

Difference in quantity between "min" and "max" about 2.5 ltrs.

Not enough oil:

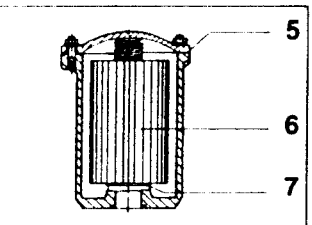
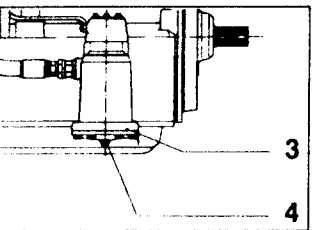
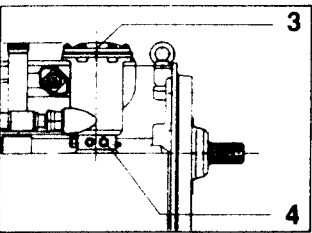
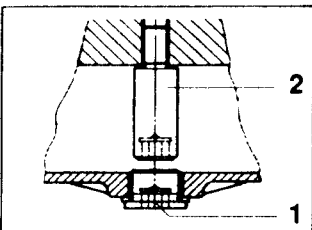
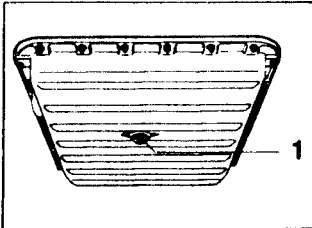
Transmission malfunctions, friction disc damage!

Too much oil:

Higher fuel consumption, oil escapes from breather filter!

Every 60 000 km in the case of oil as per List of Lubricants G 607* or:
every 100 000 km in the case of oil as per List of Lubricants G 1363*

Oil and filter change



For draining, the oil must be at operating temperature.

Warning: Danger of scalding!

- Stop engine.
 - Undo drain plug (1) for sump oil.
 - Undo drain plug (2) for torque converter oil (accessible through the drain hole of the sump).
 - Fit drain plugs (with new copper seals) and tighten to 50 Nm.
 - Undo drain plug (4) for filter oil.
 - Remove cover (3).
 - Replace gasket (5), filter element (6), and sealing ring (7).
- Caution:** If filter element is highly clogged, remove oil sump and check friction discs!
- Fit drain plug (4) and tighten to 25 Nm.
 - Fill in transmission oil.
- *Note:** Do not use oils other than those tested and approved by Voith (see Lists of Lubricants G 607 and G 1363).
- Quantity:** approx. 23 - 26 ltrs (initial fill: approx. 25 - 28 ltrs).
The dipstick reading counts!

- Check oil level as described on left page.
- Check transmission and oil filter for leakage.

Check load transmitter setting

See leaflet "Fault Finding" G 1089e.

VOITH

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