

## Change transmission fluid (AF 23/AF 33)

**Note:** A transmission fluid change must only be carried out on vehicles under severe operating conditions.

Operating conditions are defined as severe when one or more of the following situations occurs frequently:

Cold starting, stop and go operation, trailer operation, mountain driving, driving on poor road surfaces, elevated air pollution, presence of airborne sand and a high dust content, driving at high altitude, large variations in temperature.

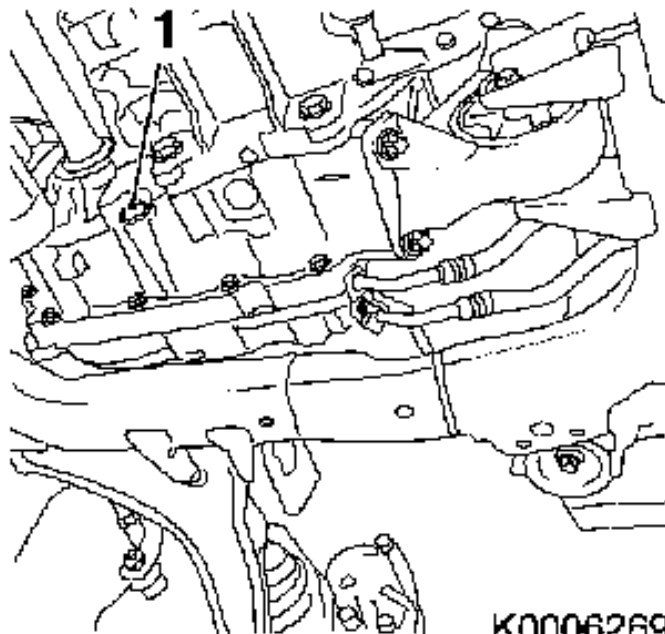
Severe operating conditions also occur with the use of police vehicles, taxis and driving school vehicles and continuous trips with a high payload and/or a trailer.

With these vehicles, the transmission fluid should be replaced every 4 years or 60.000 km under the Service Plan.




### Remove

1. Remove lower engine compartment cover (diesel engines only)
2. Drain transmission fluid.
  - Place collecting pan underneath.
  - Unscrew fluid drain bolt (1)
  - Allow transmission to idle
3. Install fluid drain bolt (1)
  - Insert fluid drain bolt with new gasket and tighten (**40 Nm**)



### Inspect

4. Top up fluid
  - for Y30DT - AF33: 
  - Using **KM-6042**, unclip selector lever cable (4) from actuation lever (5)

- Unscrew fluid filler bolt (3)

**Note:** Do not open the large sealed hex bolt, otherwise the transmission will have to be replaced.

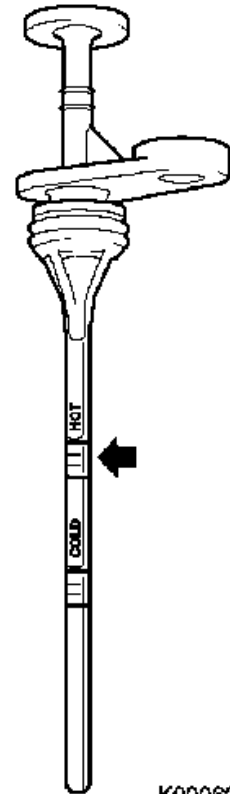
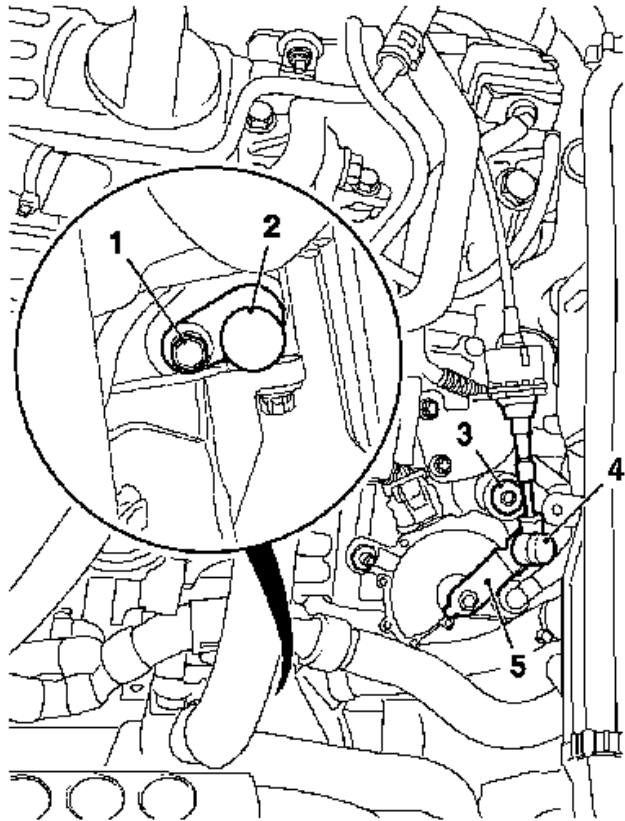
- Top up fluid (approx. 3.0 litres)

**Note:** Fluid must be between grooves of "Hot" mark

- Screw in fluid filler bolt
- Clip in selector lever cable at actuation lever

#### 5. Check transmission fluid level

- Test conditions:
    - Vehicle must be in a horizontal position
    - Shift selector lever from "P" to "D" and back to "P"
    - Engine idling
    - Transmission fluid temperature 70 – 80 degrees Celsius
- Note:** Check with TECH 2



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#### 6. Remove fluid dipstick (2)

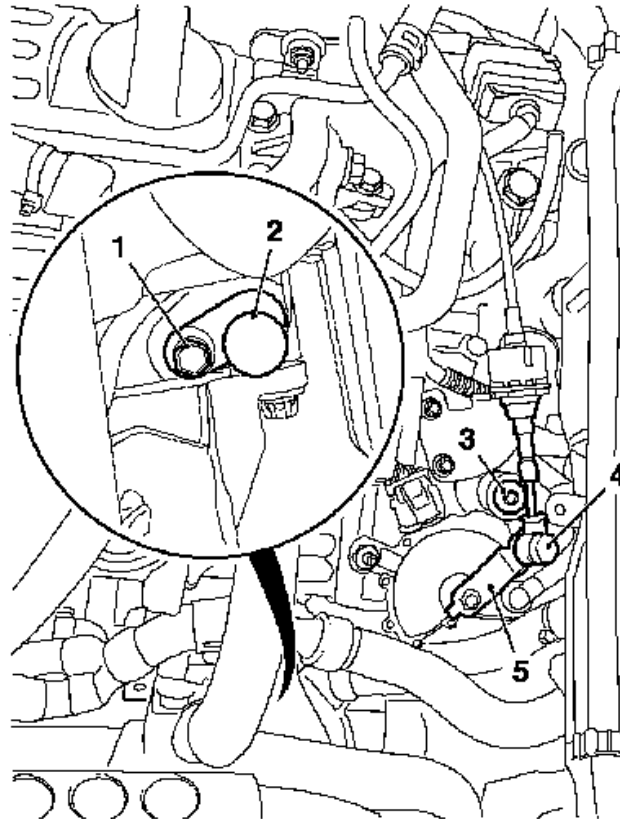
- if necessary: Release wiring harness at transmission
- Unscrew bolt (1)
- Remove fluid dipstick.

#### 7. Check

- Fluid must be between grooves of "Hot" mark (arrow) – if necessary, top up fluid

**Install**

8. Install fluid dipstick (2)
  - for Y30DT - AF33: 
  - Insert fluid dipstick.
  - Tighten bolt (1) (**20 Nm**)
  - If necessary: Secure wiring harness to transmission
9. Install fluid filler bolt (3)
  - Replace seal ring.
  - Tighten bolt (**40 Nm**)
10. Attach selector lever cable (4)
  - Clip in at actuation lever (5)
11. Install upper engine cover
12. Install lower engine compartment cover (diesel engines only)



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