## **Automatic gearbox**

WARNING: Avoid excessive skin contact with mineral oil. Mineral oils remove the natural fats from the skin, leading to dryness, irritation and dermatitis.

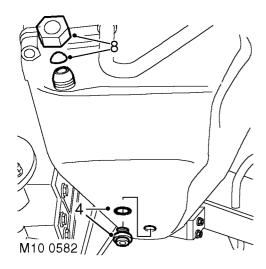
## Replace oil filter

1. Replace oil filter.

AUTOMATIC GEARBOX - ZF4HP22 - 24, REPAIRS, Filter - oil.

## Replace oil

- Ensure that gearbox is cool. Apply handbrake and securely chock front and rear wheels.
- 2. Place a suitable container beneath gearbox.
- **3.** Clean area around oil filler/level and drain plugs.



- **4.** Remove oil drain plug, remove and discard sealing washer.
- 5. Allow oil to drain.
- 6. Fit new sealing washer to oil drain plug.
- 7. Fit automatic gearbox drain plug and tighten to 15 Nm (11 lbf.ft).
- **8.** Remove oil filler/level plug, remove and discard sealing washer.
- **9.** Fill gearbox with recommended oil to bottom of oil level/filler plug hole.

CAPACITIES, FLUIDS, LUBRICANTS AND SEALANTS, Lubrication.

- 10. Select 'P' (Park).
- 11. Ensure handbrake is applied.
- 12. Start engine and allow it to idle.
- 13. Apply footbrake.

- **14.** Move selector lever through all gear positions, while continuing to fill the gearbox. Select 'P' (Park).
- **15.** With engine idling, continue filling gearbox until a 2 mm bead of oil runs from oil filler/level plug hole
- **16.** Fit new sealing washer to automatic gearbox filler/level plug, fit plug and tighten to 30 Nm (22 lbf.ft).
- 17. Stop engine.
- 18. Remove all traces of oil from gearbox casing.