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**BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual**

## 29 Manual transmission oil replacement

### Note:

New transmission oil drain plug and oil filler/level plug sealing rings may be required on installation.

1 The transmission oil should be drained with the transmission at normal operating temperature. If the vehicle has just been driven at least 20 miles, the transmission can be considered warm.

2 Immediately after driving the vehicle, park it on a level surface, apply the parking brake. If desired, jack up the vehicle and support on axle stands to improve access, but make sure that the vehicle is level.

3 Working under the vehicle, loosen the transmission oil drain plug about half a turn (see illustration) . Position a draining container under the drain plug, then remove the plug completely. If possible, try to keep the plug pressed into the transmission while unscrewing it by hand the last couple of turns.

**29.3 Manual transmission oil drain plug (arrow)**



4 Where applicable, recover the sealing ring from the drain plug.

5 Install the drain plug, using a new sealing ring where applicable, and tighten to the specified torque.

6 Unscrew the oil filler/level plug from the side of the transmission, and recover the sealing ring, where applicable (see illustration) .

### 29.6 Manual transmission oil filler/level plug (arrow)



7 Fill the transmission through the filler/level plug hole with the specified quantity and type of oil (see Specifications), until the oil overflows from the filler/level plug hole.

8 Install the filler/level plug, using a new sealing ring where applicable, and tighten to the specified torque.

9 Where applicable, lower the vehicle to the ground.

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