

G03102898

Fig. 26: Installing Filter Element

Courtesy of PORSCHE OF NORTH AMERICA, INC.

9. Install oil filter housing and tighten to 25 Nm (18.5 ftlb.). Tightening torque 25 Nm (18.5 ftlb.).
10. Fill in engine oil. The oil change quantity is approx. 8.75 liters after a dripping time of approx. 20 minutes.

NOTE: For Porsche engine oil recommendations, refer to [OVERVIEW OF APPROVED ENGINE OILS](#).

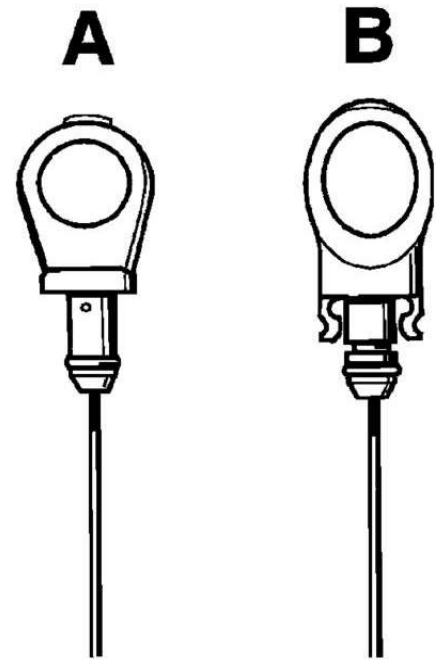
ENGINE OIL AND OIL FILTER CHANGE AS OF MY 2002

NOTE:

- Important! It is essential to observe the engine number and vehicle identification number due to new oil change quantities. Also see ["BLUE SMOKE" FROM THE ENGINE DURING HIGH TRANSVERSE](#)

ACCELERATION .

- Because the oil change quantity has been reduced, a new oil dip stick will be used. Distinguishing features are shown in [Fig. 27](#).



- ◆ A: Oil dip stick *old*
- ◆ B: Oil dip stick new, as of engine number M96/03 662 11805, vehicle identification number 99 Z2S 60 3565

G03102899

Fig. 27: View Of Old And New Oil Dipstick - As Of MY 2002

Courtesy of PORSCHE OF NORTH AMERICA, INC.

ENGINE OIL CHANGE (WITHOUT OIL FILTER)

NOTE: The oil filter only has to be replaced after every second oil change interval.

WARNING: Danger of scalding from draining and spraying oil when the engine is hot!
Wear protective equipment specified!

NOTE: To be able to fill the correct quantity of oil after draining the old oil, a dripping time of 20 minutes should be allowed.

1. Unscrew closure cap on the oil filler neck.
2. Undo and unscrew the oil drain plug (hexagon socket a/f 8). Drain engine oil in an oil collection container. Dispose of the waste oil in accordance with legal requirements.

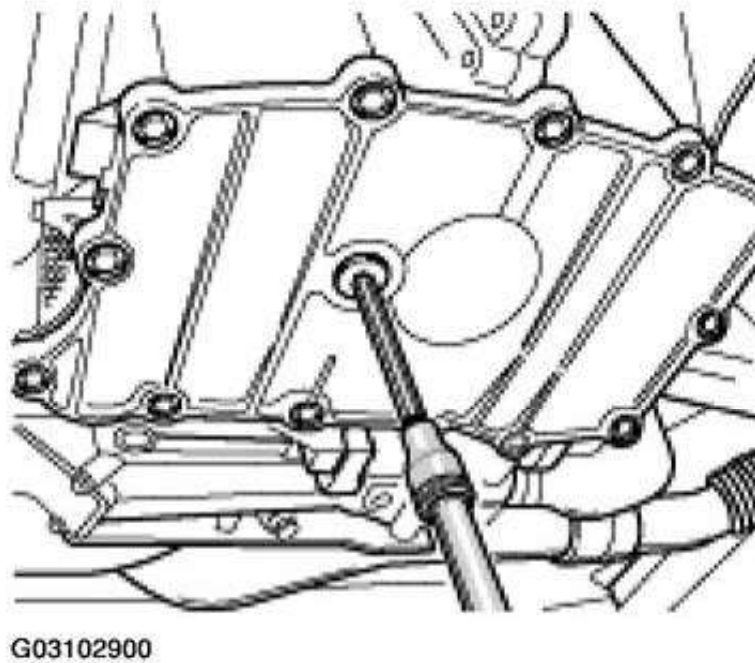


Fig. 28: Identifying Oil Drain Plug - As Of MY 2002
Courtesy of PORSCHE OF NORTH AMERICA, INC.

3. Clean oil drain plug and screw in with new aluminum sealing ring.

Tightening torque for M18x1.5 oil drain plug: 50 Nm (37 ftlb.)

4. Fill the engine oil slowly using a suitable filler container in order to avoid the oil overflowing on the filler tube. Don't forget to screw the cap on again tightly.

NOTE: For Porsche engine oil recommendations, refer to [OVERVIEW OF APPROVED ENGINE OILS](#) .

Filling capacity: 8.0 liters

ENGINE OIL CHANGE (WITH OIL FILTER)

NOTE: The oil filter only has to be replaced after every second oil change interval.

WARNING: Danger of scalding from draining and spraying oil when the engine is hot!
Wear protective equipment specified.

NOTE: To be able to fill the correct quantity of oil after draining the old oil, a dripping time of 20 minutes should be allowed.

1. Unscrew closure cap on the oil filler neck.