

2008 Porsche Cayenne (9PA) V6-3.6L

Vehicle > Engine, Cooling and Exhaust > Engine > Cylinder Head Assembly > Valve Cover > Service and Repair > Overhaul

CYLINDER HEAD COVER (VALVE COVER)

Removing and installing cylinder head cover on V6 DFI engines

Technical values

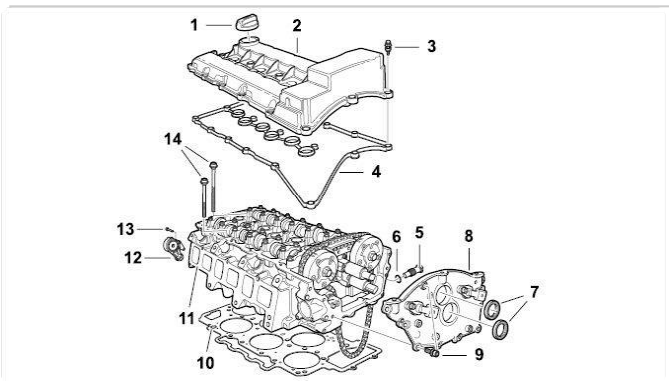
Location	Description	Type	Basic value	Tolerance 1	Tolerance 2
Fastening screws and nuts	M6	Tightening torque	10 Nm (7.5 ftlb.)		

Preliminary work

1. Remove intake-air distributor.
2. Remove bar ignition modules.

Information

Component overview

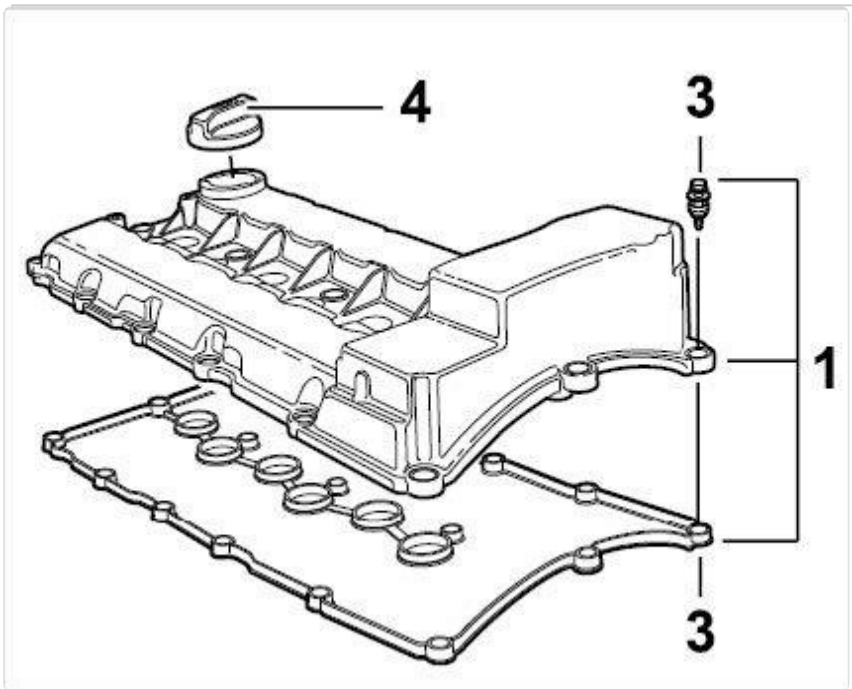


Overview of cylinder head

- 1 - Oil cap
- 2 - Cylinder head cover
- 3 - Fastening screws
- 4 - Cylinder head cover gasket

Removing cylinder head cover

1. Remove cylinder head cover.
 - 1.1. Unscrew oil cap.
 - 1.2. Unscrew all fastening screws -3-.
 - 1.3. Lift off cylinder head cover (valve cover) and set it down on a clean surface.



Cylinder head cover on V8 DFI engine

Installing cylinder head cover

1. Install cylinder head cover (valve cover)

Information:

^ The seals on the ignition coil slots have a twist lock. These must be inserted into the corresponding cut-out on the cylinder head cover.

1.1. Replace cylinder head cover gasket and shank seals.

1.2. Tighten fastening screws -3- hand-tight.

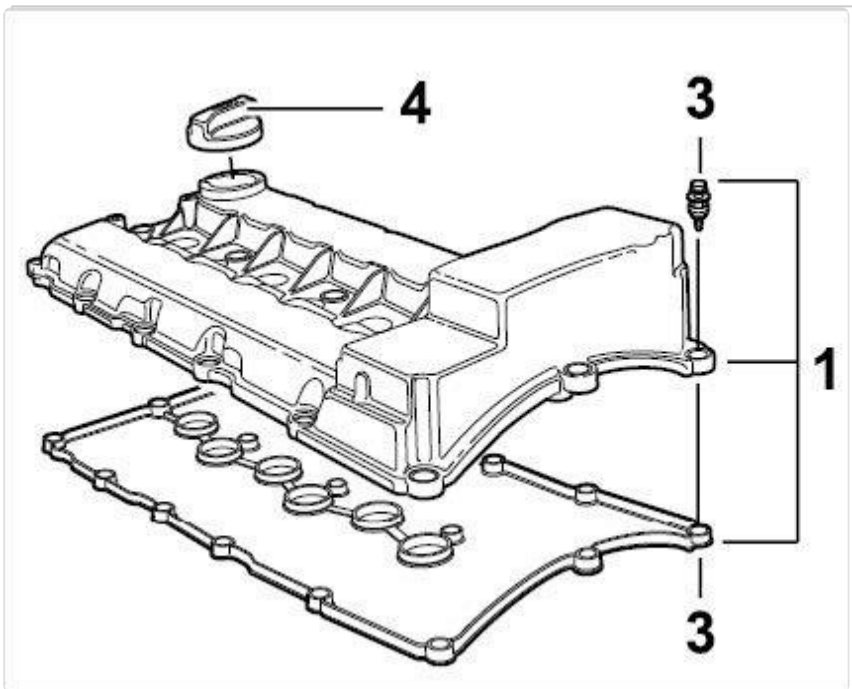
Information:

^ The cylinder head cover must be tightened evenly in a clockwise direction!

^ The sealing rings of the M6 fastening screws with distance sleeve must be checked for damage and replaced if necessary!

1.3. Tighten fastening screws cross-wise. -> Tightening torque: 10 Nm (7.5 ftlb.)

1.4. Screw on oil cap.



Cylinder head cover on V8 DFI engine

Subsequent work

1. Install bar ignition modules.
2. Install intake-air distributor.