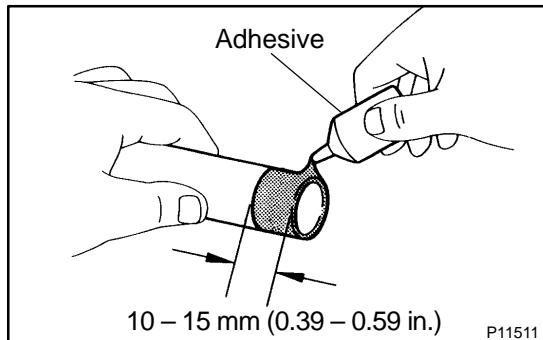


REASSEMBLY

HINT:

- Thoroughly clean all parts to be assembled.
- Before installing the parts, apply new engine oil to all sliding and rotating surfaces.
- Replace all gaskets and oil seals with new ones.



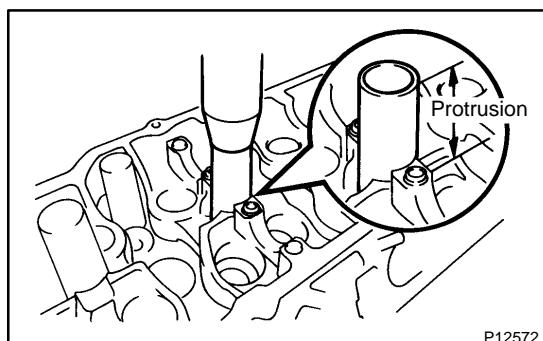
1. INSTALL SPARK PLUG TUBES

HINT:

When using a new cylinder head, spark plug tubes must be installed.

(a) Apply adhesive to the end of the spark plug tube.

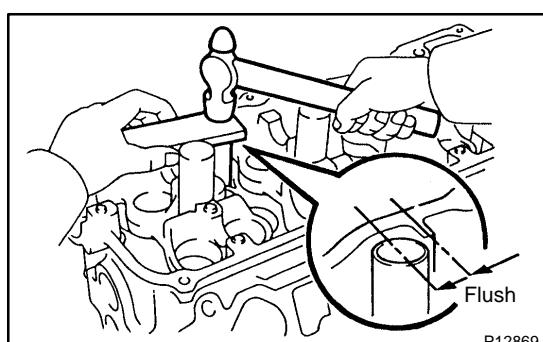
Adhesive: Part No. 08833-00070, THREE BOND 1324 or equivalent



(b) Using a press, press in a new spark plug tube until there is 42.4 – 43.4 mm (1.669 – 1.709 in.) protruding from the camshaft bearing cap installation surface of the cylinder head.

NOTICE:

Avoid pressing a new spark plug tube in too far by measuring the amount of the protrusion while pressing.



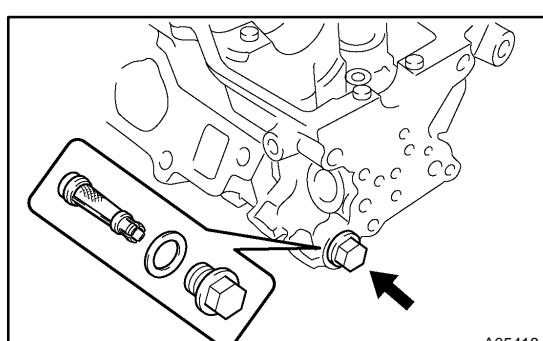
2. INSTALL PCV PIPES

HINT:

When using a new cylinder head, PCV pipe must be installed. Using a wooden block and hammer, tap in a new PCV pipe until its top side is flush with the cylinder head edge.

NOTICE:

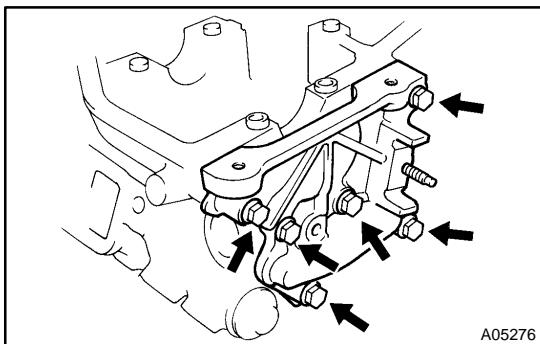
Be careful not to damage the cylinder head edge.



3. INSTALL OIL CONTROL VALVE FILTER

(a) Assemble the valve filter and plug.
(b) Install the plug with new gasket.

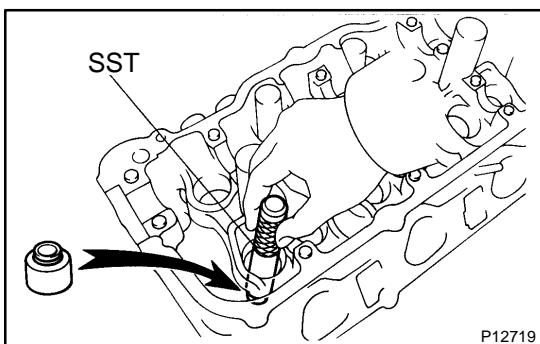
Torque: 45 N·m (460 kgf·cm, 33 ft·lbf)



4. INSTALL CYLINDER HEAD REAR COVER

Install the rear cover and gasket with the 6 bolts.

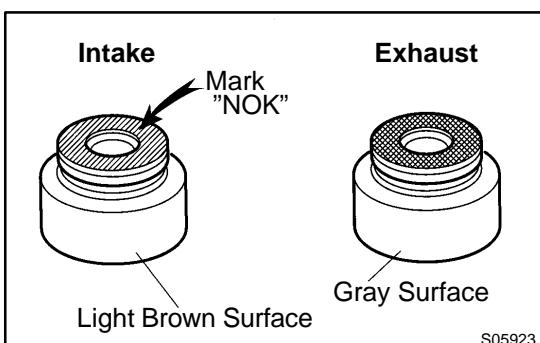
Torque: 10 N·m (100 kgf·cm, 7.3 ft-lbf)



5. INSTALL VALVES

(a) Using SST, push in a new oil seal.

SST 09201-41020

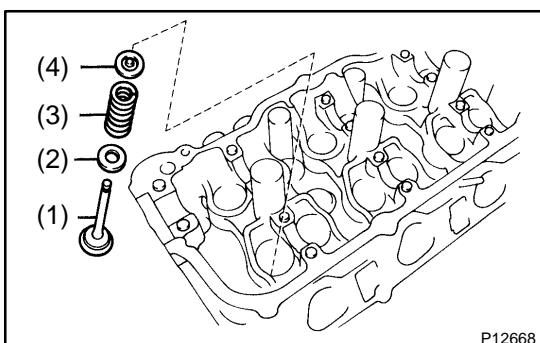


HINT:

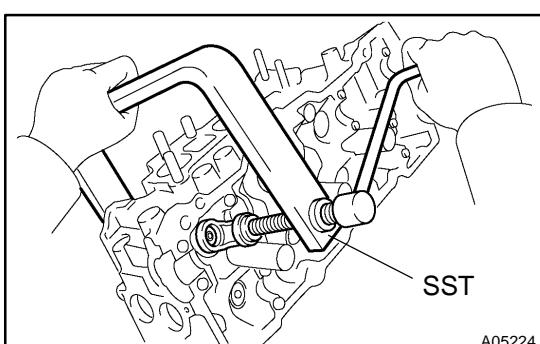
The intake valve oil seal is light brown and the exhaust valve oil seal is gray.

NOTICE:

Pay much attention when assembling the oil seal for intake and exhaust. Assembling the wrong one may cause a failure.

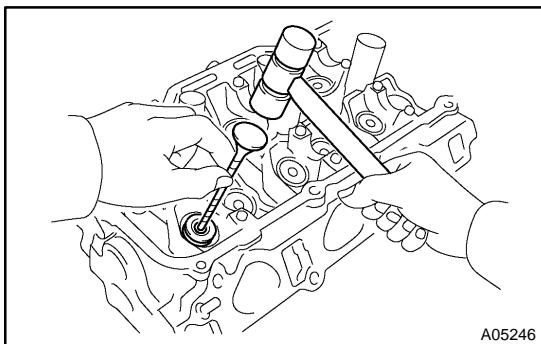


(b) Install the valve (1), spring seat (2), valve spring (3) and spring retainer (4).



(c) Using SST, compress the valve spring and place the 2 keepers around the valve stem.

SST 09202-70020 (09202-00010)



(d) Using a plastic-faced hammer and the valve stem (not in use) tip wound with vinyl tape, lightly tap the valve stem tip to assure proper fit.

NOTICE:

Be careful not do damage the valve stem tip.

6. INSTALL VALVE LIFTERS AND SHIMS

(a) Install the valve lifter and shim.
(b) Check that the valve lifter rotates smoothly by hand.