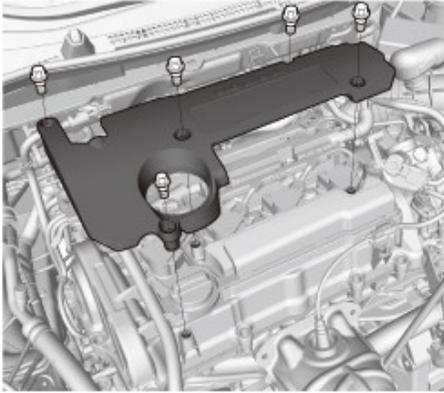


Cylinder Head Cover Removal and Installation

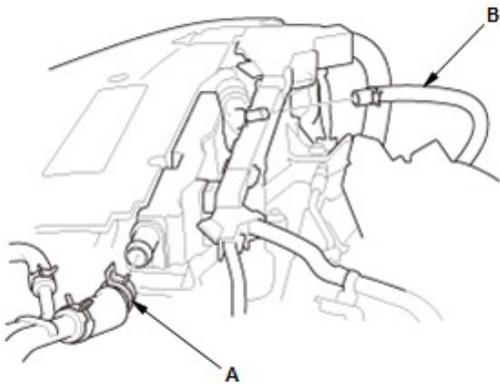
Removal

1. Ignition Coil Cover - Remove



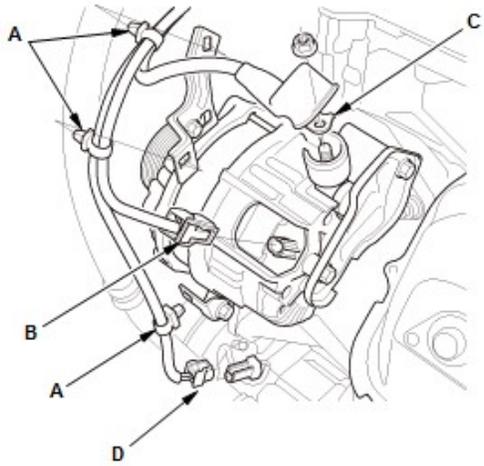
Remove the ignition coil cover.

2. Breather Hose and PCV Hose - Disconnect

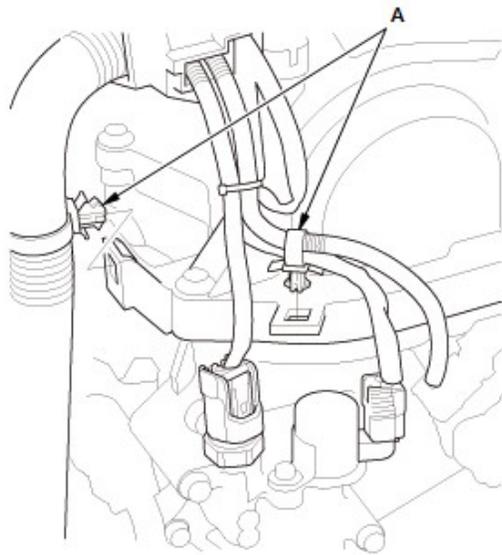


Disconnect the breather hose (A) and the PCV hose (B).

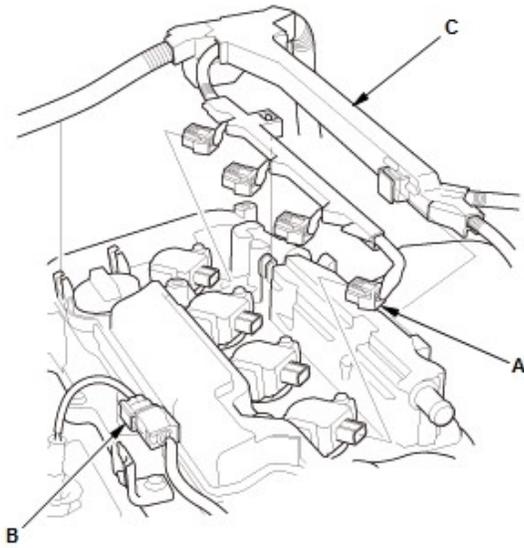
3. Harness Holder - Remove



1. Remove the harness clamps (A).
2. Disconnect the alternator connector (B), the positive alternator cable (C), and the A/C compressor connector (D).



3. Remove the harness clamps (A).



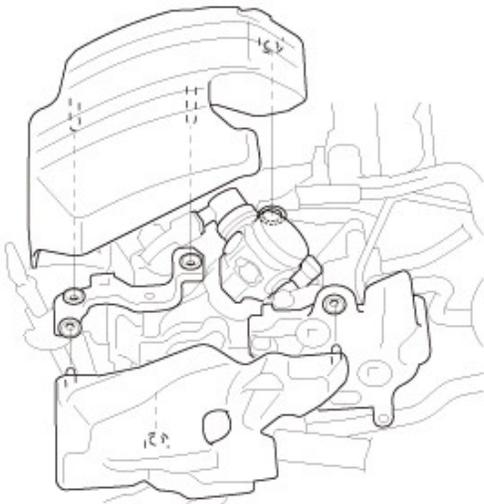
4. Disconnect the ignition coil connectors (A).
5. Remove the A/F sensor connector clamp (B) and the harness holder (C).

4. Ignition Coil - Remove

[Remove the four ignition coils.](#)

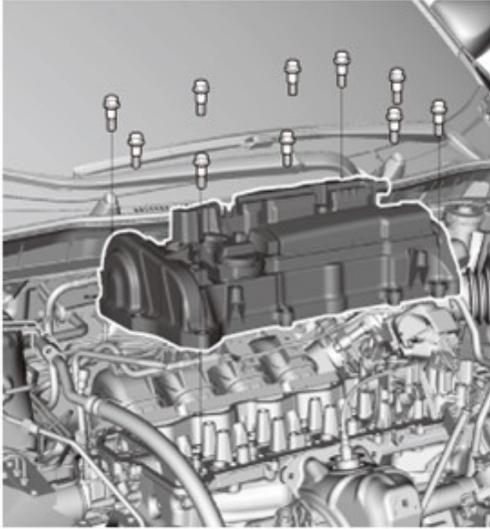
5. High Pressure Fuel Pump Cover - Remove

Remove the high pressure fuel pump covers.



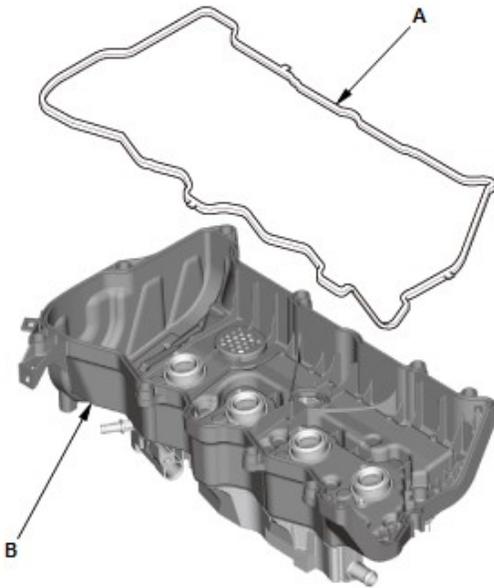
6. Cylinder Head Cover - Remove

1. Remove the cylinder head cover.



Installation

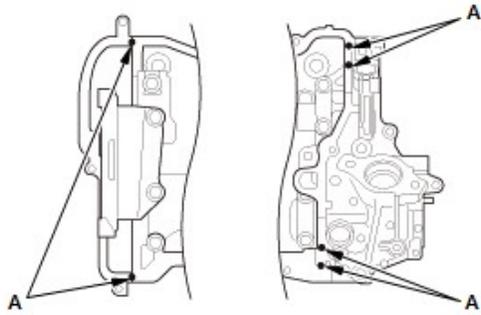
1. Cylinder Head Cover - Install



1. Check the spark plug seals for damage. If any seals are damaged, replace it.
2. Thoroughly clean the head cover gasket (A) and the groove of the cylinder head cover (B).

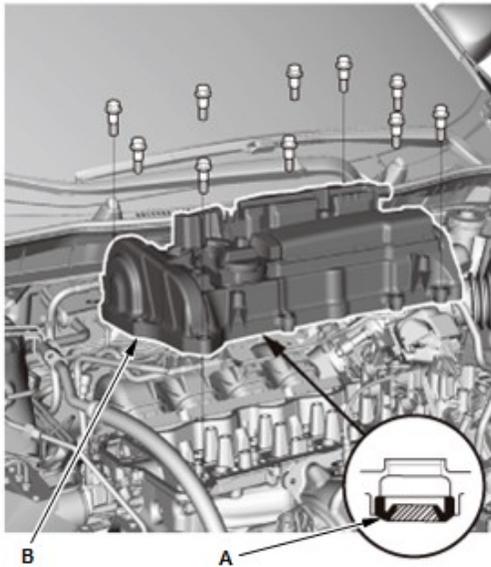
NOTE: Check and, if necessary, replace the head cover gasket.

3. Install the head cover gasket in the groove of the cylinder head cover. Make sure the head cover gasket is seated securely.

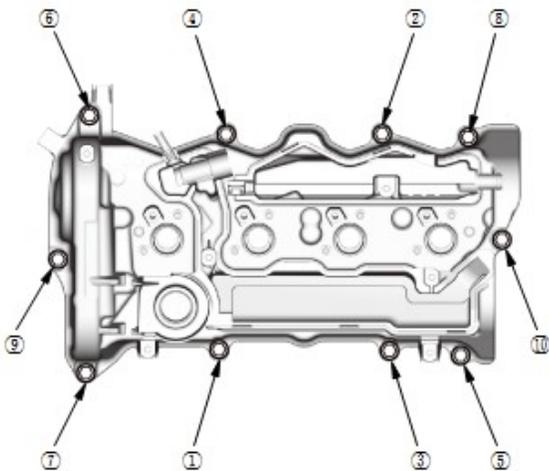


4. Remove all of the old liquid gasket from the chain case and the high pressure fuel pump base.
5. Clean the head cover contacting surfaces with a shop towel.
6. Apply liquid gasket, (P/N 08717-0004, 08718-0003, or 08718-0009) on the chain case and the No. 5 rocker shaft holder mating areas (A). Install the component within 5 minutes of applying the liquid gasket.

NOTE: If too much time has passed after applying the liquid gasket, remove the old liquid gasket and residue, then reapply new liquid gasket.



7. Set the spark plug seals (A) on the spark plug tubes. Place the cylinder head cover (B) on the cylinder head, then slide the cover slightly back and forth to seat the head cover gasket.
8. Inspect the spark plug seals for damage.



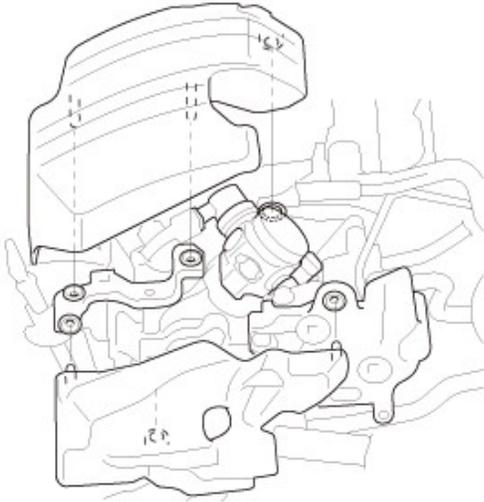
9. Tighten the bolts in two steps. In the final step torque bolts, in sequence, to 7 N·m (0.7 kgf·m, 5 lbf·ft).

NOTE:

- Wait at least 30 minutes before filling the engine with oil.
- Do not run the engine for at least 3 hours after installing the head cover.

2. High Pressure Fuel Pump Cover - Install

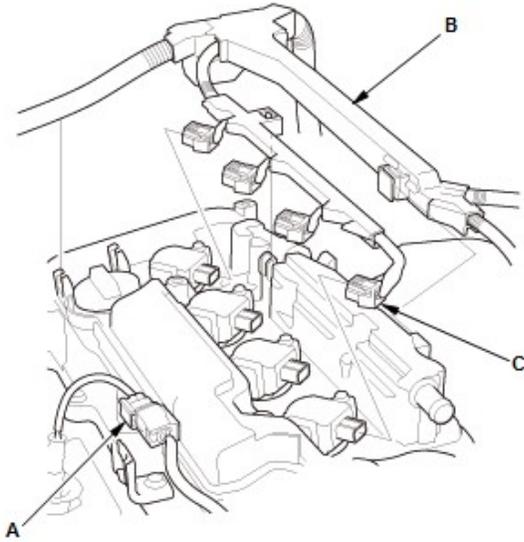
Install the high pressure fuel pump covers.



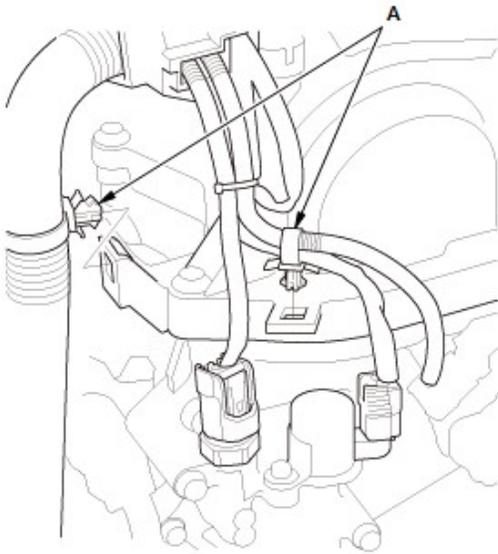
3. Ignition Coil - Install

[Install the four ignition coils.](#)

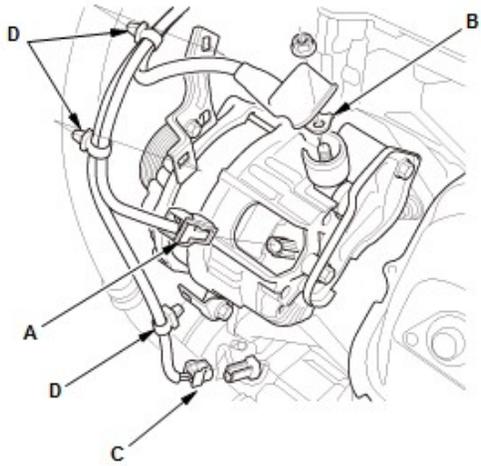
4. Harness Holder - Install



1. Install the A/F sensor connector clamp (A) and harness holder (B).
2. Connect the ignition coil connectors (C).



3. Install the harness clamps (A).

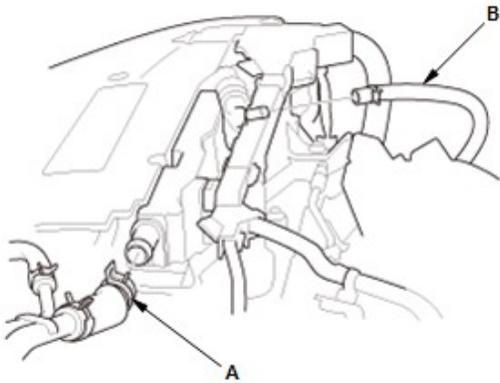


4. Connect the alternator connector (A), the positive alternator cable (B), and the A/C compressor connector (C). Make sure the crimped side of the ring terminal faces away from the alternator when you connect it.

5. Install the harness clamps (D).

5. Breather Hose and PCV Hose - Connect

Connect the breather hose (A) and the PCV hose (B).



6. Ignition Coil Cover - Install

Install the ignition coil cover.

**12 N·m
(1.2 kgf·m, 9 lbf·ft)**

