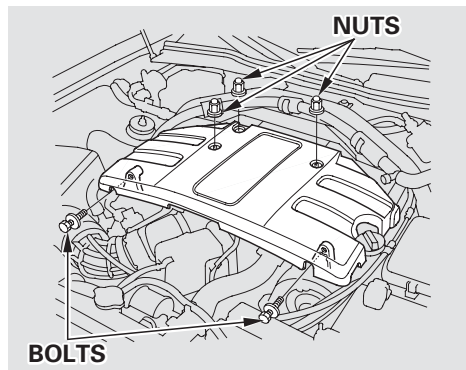
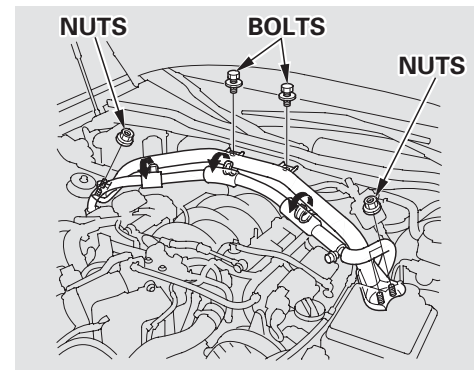


The spark plugs in your car are a special platinum-tipped design for longer life. The spark plugs should be replaced according to the time and distance recommendations in the maintenance schedule.

Replacement



1. Remove the two bolts and the three nuts with a 7/16 inch (10 mm) wrench, then remove the engine cover.

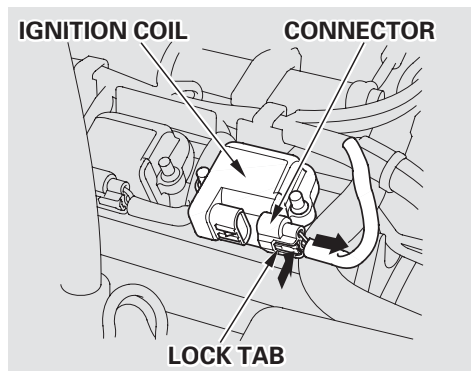


2. Remove the two bolts and the four nuts with a wrench and remove the tower bar. Then remove the A/C tube from the three clips.
3. Clean up any dirt and oil that have collected around the ignition coils.

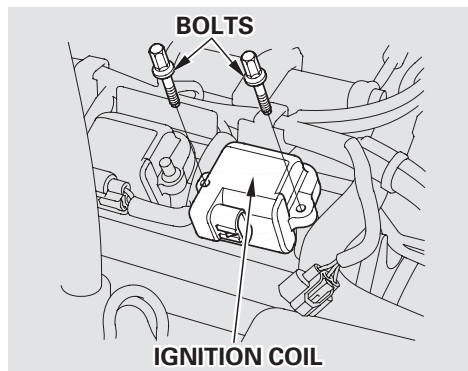
CONTINUED



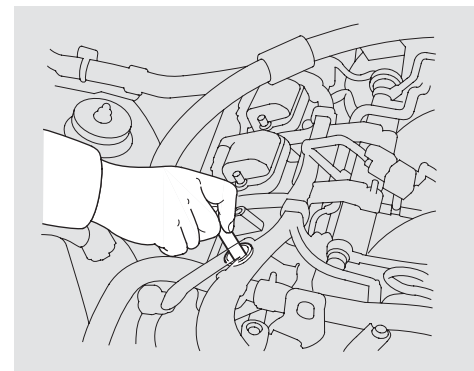
Spark Plugs



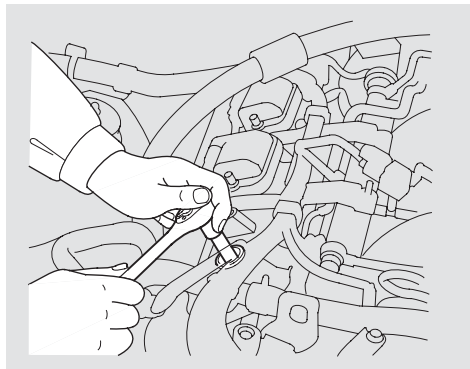
4. Disconnect the wire connector from the ignition coil by pushing on the lock tab and pulling on the connector. Pull on the plastic connector, not the wires.



5. Use a wrench to remove the two bolts holding the ignition coil. Remove the ignition coil by pulling it straight out.
6. Remove the spark plug with a five-eighths inch (16 mm) spark plug socket.



7. Put the new spark plug into the socket, then screw it into the hole. Screw it in by hand so you do not crossthead it.



8. Torque the spark plug. (If you do not have a torque wrench, tighten the spark plug two-thirds of a turn after it contacts the cylinder head.)
Tightening torque:
13 lbf·ft (18 N·m , 1.8 kgf·m)

NOTICE

Tighten the spark plugs carefully. A spark plug that is too loose can overheat and damage the engine. Overtightening can cause damage to the threads in the cylinder head.

9. Install the ignition coil. Reinstall the two hold-down bolts.
10. Push the wire connector onto the ignition coil. Make sure it locks in place.
11. Repeat this procedure for the other five spark plugs.

12. Put the A/C tube back in place.
13. Install the tower bar and tighten the two bolts and the four nuts.
Tightening torque:
16 lbf·ft (22 N·m , 2.2 kgf·m)
14. Install the engine cover. First tighten the two bolts on the front of the engine cover, then tighten the three nuts on the engine cover.
Tightening torque:
7 lbf·ft (9.8 N·m , 1.0 kgf·m)

CONTINUED



Spark Plugs, Battery

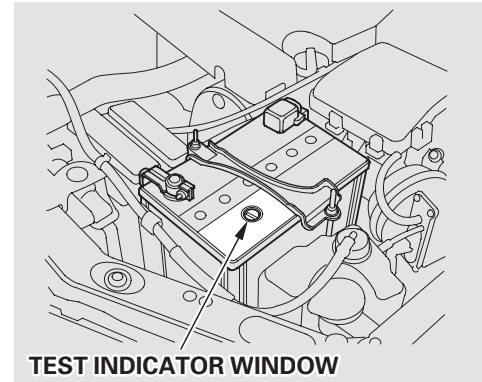
Specifications:

NGK: PFR5L-11
DENSO: PK16PR-L11

Spark Plug Gap:
0.04 in (1.1 mm)⁺⁰_{-0.1 mm}

Battery

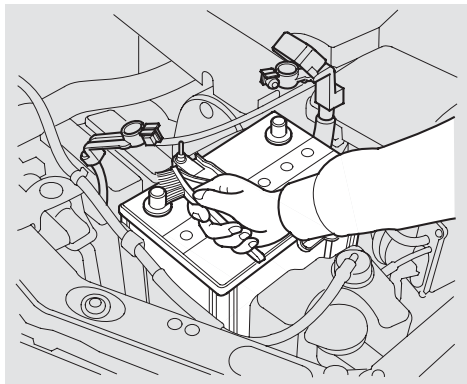
Check the condition of your car's battery monthly. You should check the color of the test indicator window, and for corrosion on the terminals.



Check the battery condition by looking at the test indicator window on the battery. The label on the battery explains the test indicator's colors.

Check the battery terminals for corrosion (a white or yellowish powder). To remove it, cover the terminals with a solution of baking soda and water. It will bubble up and turn brown. When this stops, wash it off with plain water. Dry off the battery with a cloth or paper towel. Coat the terminals with grease to help prevent future corrosion.

WARNING: Battery posts, terminals and related accessories contain lead and lead compounds. **Wash hands after handling.**



If the terminals are severely corroded, clean them with baking soda and water. Then use a wrench to loosen and remove the cables from the terminals. Always disconnect the negative (–) cable first and reconnect it last. Clean the battery terminals with a terminal cleaning tool or wire brush. Reconnect and tighten the cables, then coat the terminals with grease.

If you need to connect the battery to a charger, disconnect both cables to prevent damage to the car's electrical system.

▲ WARNING

The battery gives off explosive hydrogen gas during normal operation.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Wear protective clothing and a face shield, or have a skilled mechanic do the battery maintenance.

CONTINUED



Battery

If your car's battery is disconnected or goes dead, the engine's computer needs to "relearn" the idle control. After replacing or recharging the battery:

1. Make sure the climate control system is off.
2. Start the engine and let it run until it warms up (the radiator cooling fan comes on at least twice), and let it idle for five more minutes.

Your driver's power window (see [page 104](#)) and your audio system will also disable itself when the battery is disconnected or goes dead. The next time you turn on the radio you will see "Code" in the frequency display. Use the Preset buttons to enter the five-digit code (see [page 156](#)).

NOTICE

Charging the battery with the cables connected can seriously damage your car's electronic controls. Detach the battery cables before connecting the battery to a charger.