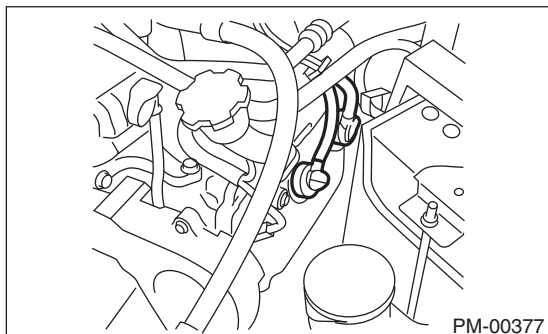


5. Spark Plug

A: REPLACEMENT

1. SOHC MODEL

- 1) Disconnect the battery cable, and then remove the battery and battery carrier.
- 2) Remove the air cleaner lower case.
- 3) Disconnect the spark plug cord.



- 4) Remove the spark plug with a plug-wrench.
- 5) Install a new spark plug.

Recommended spark plug:

<Ref. to SPC-2, ELECTRICAL, Forester.>

- 6) Tighten the spark plug lightly with hand, and then secure with a plug-wrench to the specified torque.

Tightening torque:

21 N·m (2.1 kgf-m, 15.5 ft-lb)

NOTE:

- Be sure to place the gasket between the cylinder head and spark plug.
- If the torque wrench is not available, tighten the spark plug until gasket contacts cylinder head, then tighten further 1/4 to 1/2 turns.

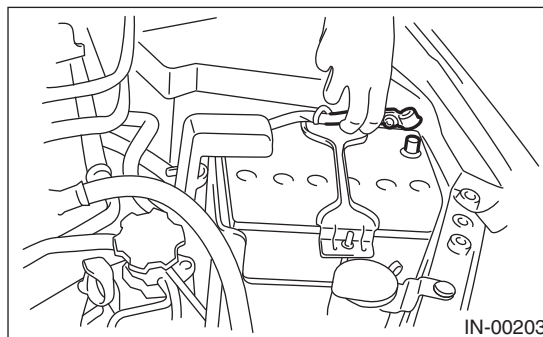
2. DOHC MODEL

Recommended spark plug:

<Ref. to SPC-2, ELECTRICAL, Forester.>

1) RH side

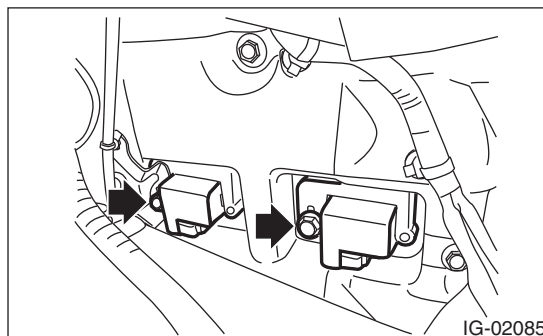
- (1) Remove the collector cover.
- (2) Disconnect the ground cable from the battery.



- (3) Remove the air cleaner case. <Ref. to IN(H4DOTC)-8, REMOVAL, Air Cleaner Case.>
- (4) Disconnect the connector from ignition coil.
- (5) Remove the ignition coil.

NOTE:

Turn #3 ignition coil by 180 degrees to remove it.



- (6) Remove the spark plug with a spark plug socket.
- (7) Install in the reverse order of removal.

Tightening torque (Spark plug):

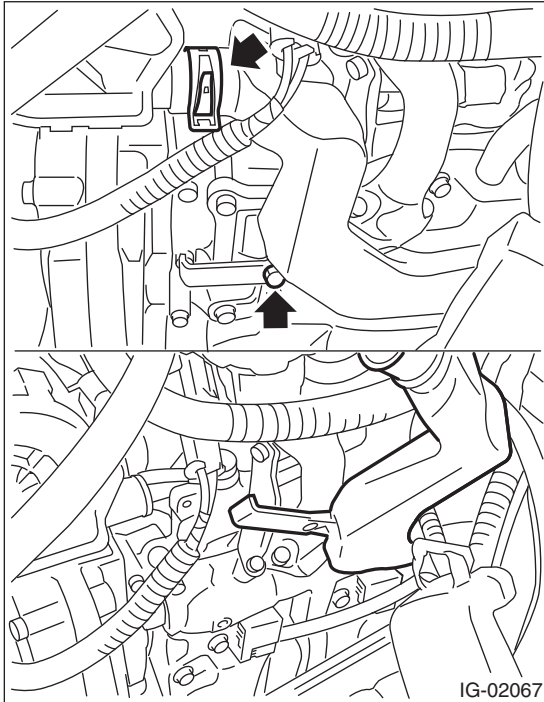
21 N·m (2.1 kgf-m, 15.5 ft-lb)

Tightening torque (Ignition coil):

16 N·m (1.6 kgf-m, 11.8 ft-lb)

2) LH side

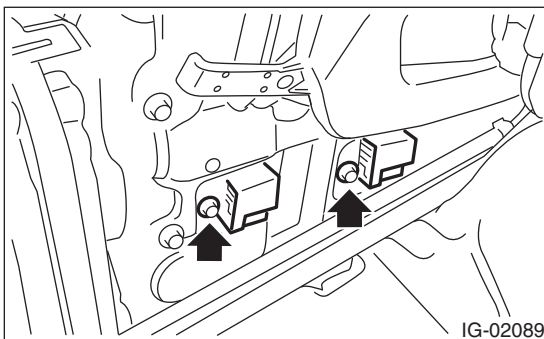
- (1) Remove the collector cover.
- (2) Remove the battery and battery carrier.
- (3) Disconnect the air duct from the secondary air pump.
- (4) Remove the bolts that attach the air pump duct to the rocker cover (LH), and raise the air pump duct.



- (5) Disconnect the connector from ignition coil.
- (6) Remove the ignition coil.

NOTE:

Turn #4 ignition coil by 180 degrees to remove it.



- (7) Remove the spark plug with a spark plug socket.
- (8) Install in the reverse order of removal.

Tightening torque (Spark plug):

21 N·m (2.1 kgf-m, 15.5 ft-lb)

Tightening torque (Ignition coil):

16 N·m (1.6 kgf-m, 11.8 ft-lb)

Tightening torque (Air pump duct):

9 N·m (0.9 kgf-m, 6.6 ft-lb)