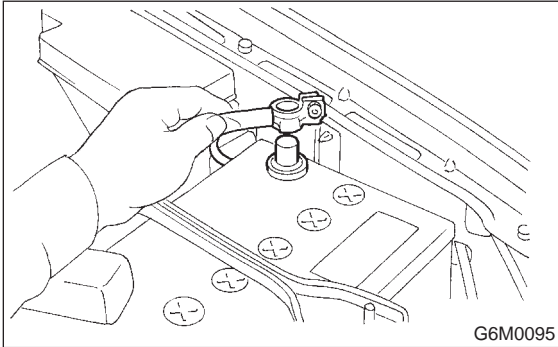


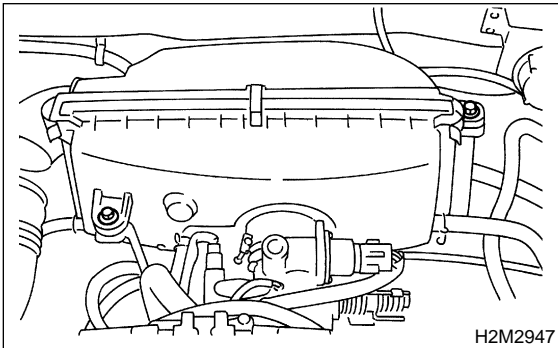
7. Knock Sensor

A: REMOVAL

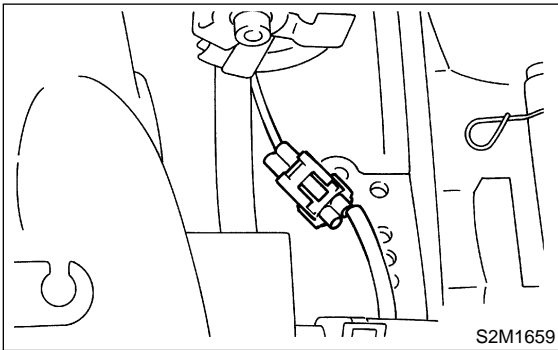
- 1) Disconnect battery ground cable from battery ground terminal.



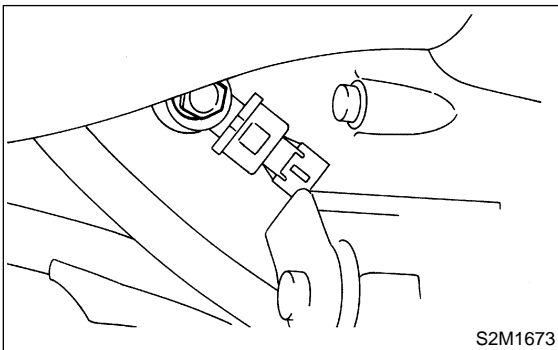
- 2) Remove air cleaner case.



- 3) Disconnect knock sensor connector.



- 4) Remove knock sensor from cylinder block.



B: INSTALLATION

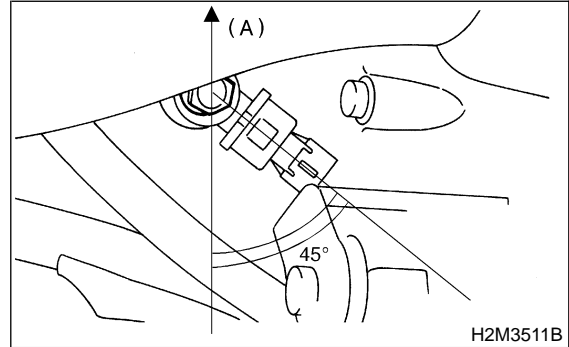
- 1) Install knock sensor to cylinder block.

Tightening torque:

23.5 ± 2.9 N·m (2.4 ± 0.3 kg·m, 17.4 ± 2.2 ft·lb)

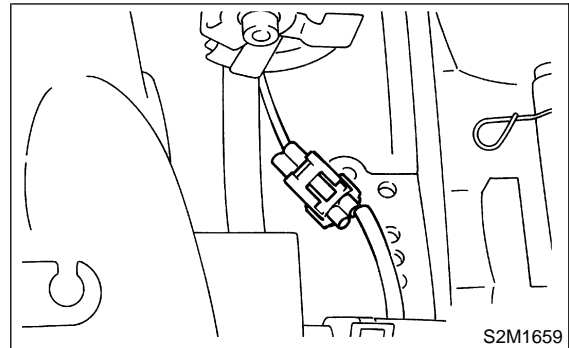
NOTE:

The extraction area of the knock sensor cord must be positioned at a 45° angle relative to the engine rear.

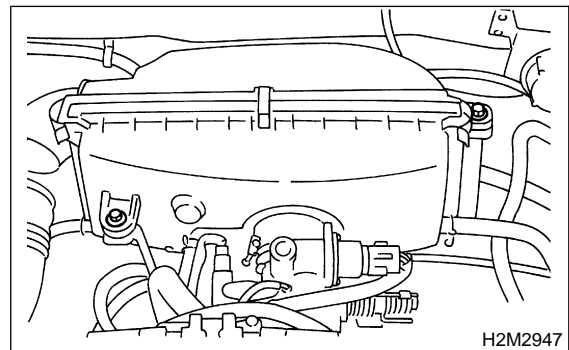


(A) Engine front

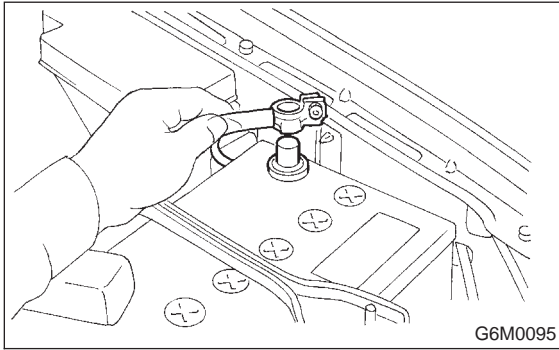
- 2) Connect knock sensor connector.



- 3) Install air cleaner case.



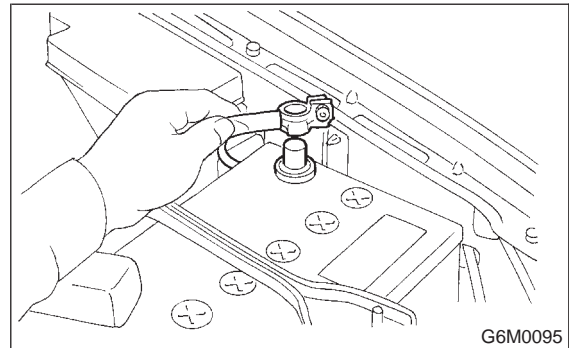
4) Connect battery ground cable.



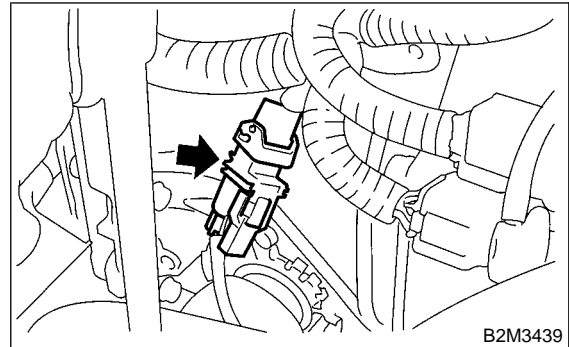
8. Front Oxygen (A/F) Sensor

A: REMOVAL

- 1) Set the vehicle on the lift.
- 2) Disconnect battery ground cable.



- 3) Disconnect connector from front oxygen (A/F) sensor.



- 4) Lift-up the vehicle.
- 5) Apply SUBARU CRC or its equivalent to threaded portion of front oxygen (A/F) sensor, and leave it for one minute or more.

SUBARU CRC (Part No. 004301003)

- 6) Remove front oxygen (A/F) sensor.

CAUTION:

When removing front oxygen (A/F) sensor, do not force front oxygen (A/F) sensor especially when exhaust pipe is cold, otherwise it will damage exhaust pipe.

