

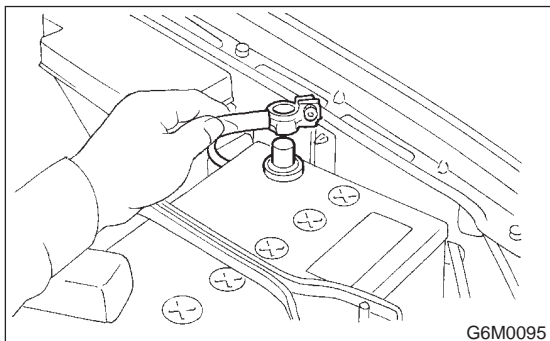
# IGNITION COIL AND IGNITOR ASSEMBLY

Ignition

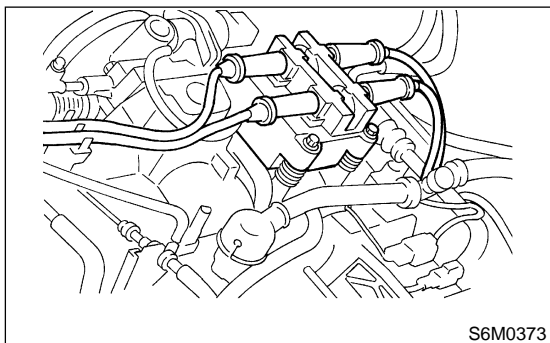
## 3. Ignition Coil and Ignitor Assembly S101015

### A: REMOVAL S101015A18

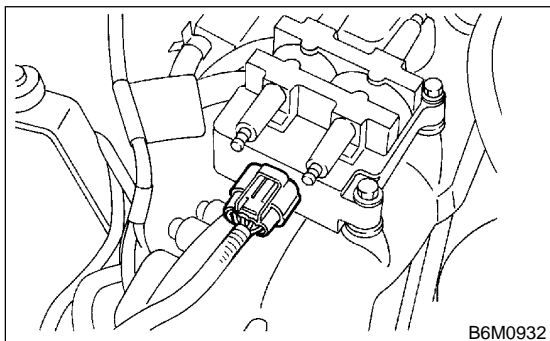
- 1) Disconnect battery ground cable.



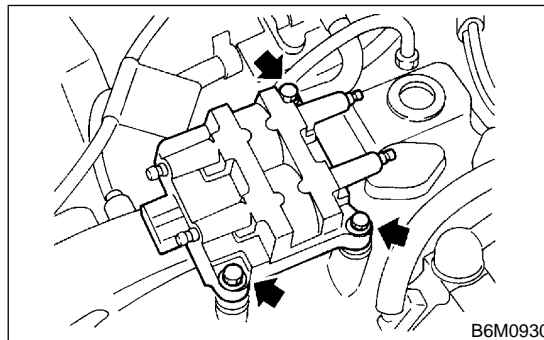
- 2) Disconnect spark plug cords from ignition coil and ignitor assembly.



- 3) Disconnect connector from ignition coil and ignitor assembly.



- 4) Remove ignition coil and ignitor assembly.



### B: INSTALLATION S101015A11

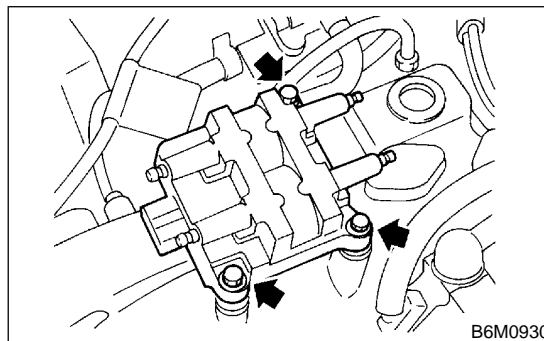
- 1) Install in the reverse order of removal.

**Tightening torque:**

**6.4 N·m (0.65 kgf·m, 4.7 ft·lb)**

#### CAUTION:

Be sure to connect wires to their proper positions. Failure to do so will damage unit.



## C: INSPECTION S101015A10

Using accurate tester, inspect the following items, and replace if defective.

- 1) Primary resistance
- 2) Secondary coil resistance

### CAUTION:

If the resistance is extremely low, this indicates the presence of a short-circuit.

**Specified resistance:**

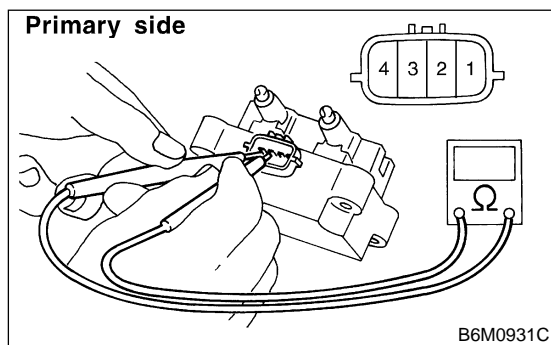
**[Primary side]**

**Between terminal No. 1 and No. 2**

**0.73  $\Omega \pm 10\%$**

**Between terminal No. 2 and No. 4**

**0.73  $\Omega \pm 10\%$**



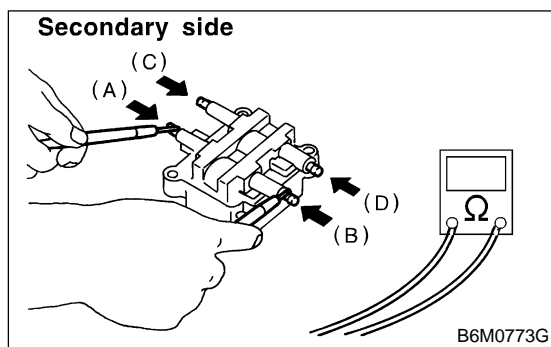
**[Secondary side]**

**Between (A) and (B)**

**12.8 k $\Omega \pm 15\%$**

**Between (C) and (D)**

**12.8 k $\Omega \pm 15\%$**



- 3) Insulation between primary terminal and case:  
10 M $\Omega$  or more.