

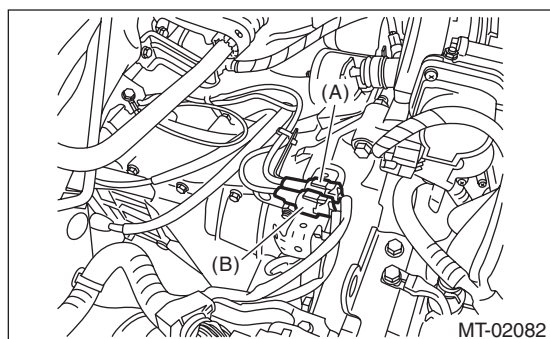
## 7. Switches and Harness

### A: REMOVAL

#### 1. BACK-UP LIGHT SWITCH & NEUTRAL POSITION SWITCH

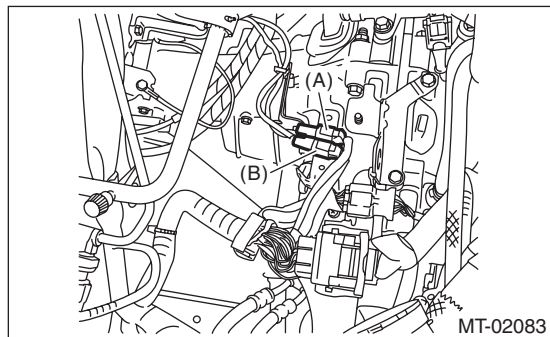
- 1) Disconnect the ground cable from battery.
- 2) Remove the collector cover. (turbo model)
- 3) Remove the air intake boot assembly. (non-turbo model) <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Boot.>
- 4) Remove the intercooler. (turbo model) <Ref. to IN(H4DOTC)-17, REMOVAL, Intercooler.>
- 5) Disconnect the connector back-up light switch & neutral position switch.

##### • Non-turbo model



- (A) Neutral position switch connector (Brown)  
(B) Back-up light switch connector (Gray)

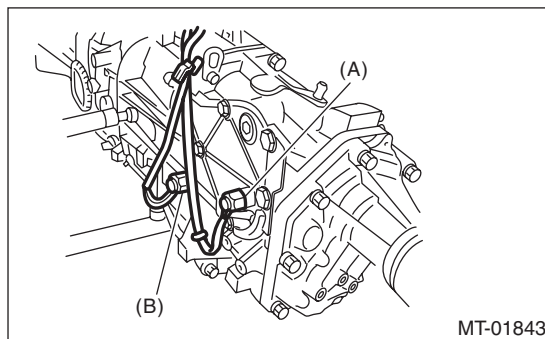
##### • Turbo model



- (A) Neutral position switch connector (Brown)  
(B) Back-up light switch connector (Gray)

- 6) Lift up the vehicle.

- 7) Remove the back-up light switch & neutral position switch with the harness.



- (A) Neutral position switch  
(B) Back-up light switch

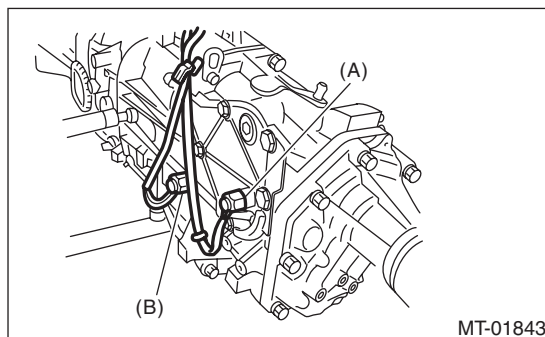
### B: INSTALLATION

#### 1. BACK-UP LIGHT SWITCH & NEUTRAL POSITION SWITCH

- 1) Install the back-up light switch & neutral position switch with the harness.

##### **Tightening torque:**

**32.3 N·m (3.3 kgf-m, 23.8 ft-lb)**



- (A) Neutral position switch  
(B) Back-up light switch

- 2) Lower the vehicle.
- 3) Connect the connectors of back-up light switch & neutral position switch.
- 4) Install the air intake boot assembly. (non-turbo model) <Ref. to IN(H4SO)-8, INSTALLATION, Air Intake Boot.>
- 5) Install the intercooler. (turbo model) <Ref. to IN(H4DOTC)-18, INSTALLATION, Intercooler.>
- 6) Install the collector cover. (turbo model)
- 7) Connect the battery ground terminal.

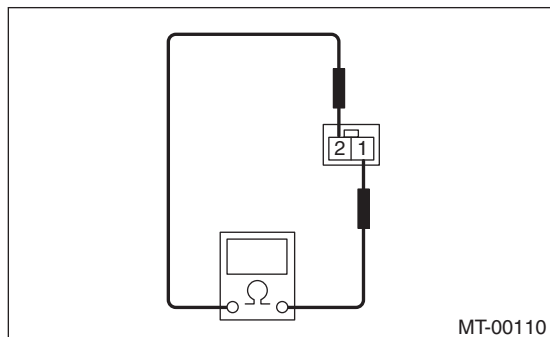
### C: INSPECTION

#### 1. BACK-UP LIGHT SWITCH

Check the back-up light switch. <Ref. to LI-12, INSPECTION, Back-up Light System.>

#### 2. NEUTRAL POSITION SWITCH

- 1) Turn the ignition switch to OFF.
- 2) Disconnect the connector of neutral position switch.
- 3) Measure the resistance between neutral position switch terminals.



Gear shift position	Terminal No.	Specified resistance
Neutral position	1 and 2	Less than 1 $\Omega$
Other positions		1 M $\Omega$ or more

- 4) Replace faulty parts.