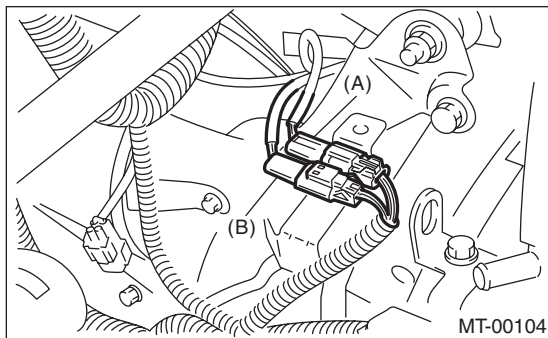# 7. Switches and Harness

A: REMOVAL

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

1) Disconnect the ground cable from the battery.
2) Remove the air intake chamber. (Non-turbo model) <Ref. to IN(H4SO)-6, REMOVAL, Air Intake Chamber.>
3) Remove the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
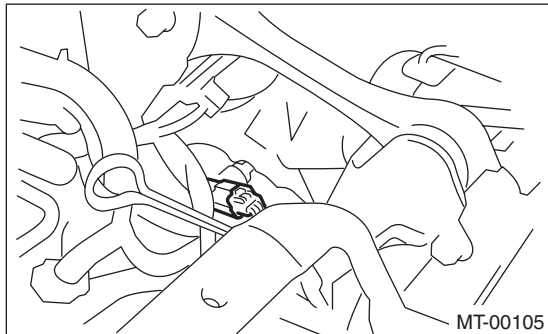4) Disconnect the connector back-up light switch and neutral position switch.

• Non-turbo model
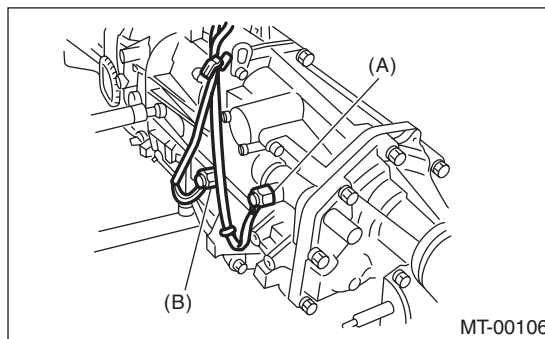

MT-00104

    (A)   Neutral position switch connector

    (B)   Back-up light switch connector

• Turbo model

MT-00105

5) Lift up the vehicle.

6) Remove the back-up light switch and neutral position switch with the harness.

MT-00106
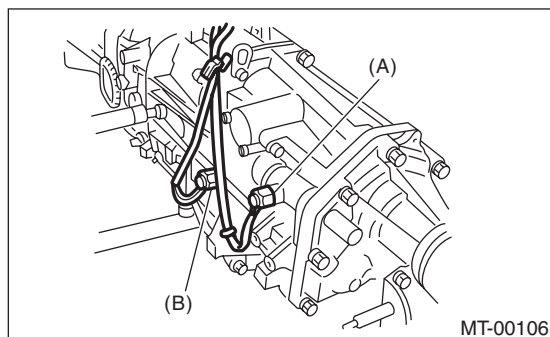
(A)   Neutral position switch

(B)   Back-up light switch

B: INSTALLATION

1. BACK-UP LIGHT SWITCH AND NEUTRAL POSITION SWITCH

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

Tightening torque:
32.3 N·m (3.3 kgf-m, 23.8 ft-lb)

MT-00106

(A) Neutral position switch (Brown)

(B) Back-up light switch (Gray)

2) Connect the connectors of back-up light switch and neutral position switch.
3) Install the air intake chamber. (Non-turbo model) <Ref. to IN(H4SO)-6, INSTALLATION, Air Intake Chamber.>
4) Install the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, INSTALLATION, Intercooler.>
5) Connect the ground cable to the battery.

C: INSPECTION

1. BACK-UP LIGHT SWITCH

Check the back-up light switch. <Ref. to LI-6, INSPECTION, Back-up Light System.>
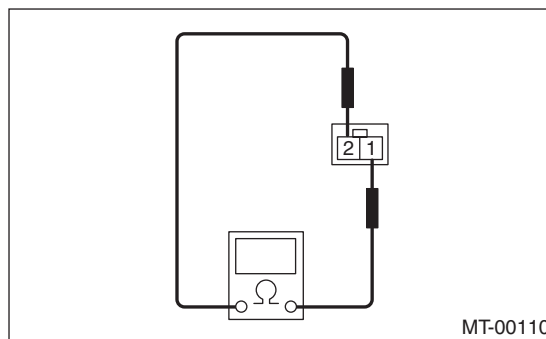
2. NEUTRAL POSITION SWITCH

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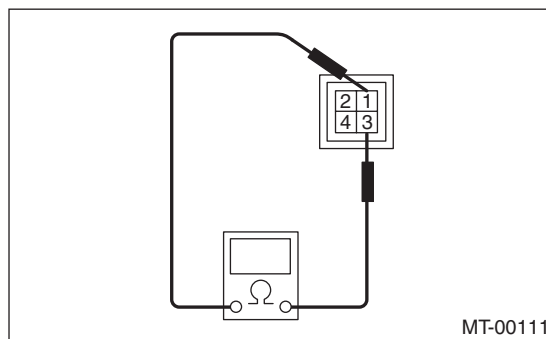
Non-turbo model:

Gear shift position	Terminal No.	Specified resistance
Neutral position	1 and 2	Less than 1 Ω
Other positions		1 MΩ or more

MT-00110

Turbo model:

Gear shift position	Terminal No.	Specified resistance
Neutral position	1 and 3	Less than 1 Ω
Other positions		1 MΩ or more

MT-00111

4) Replace faulty parts.