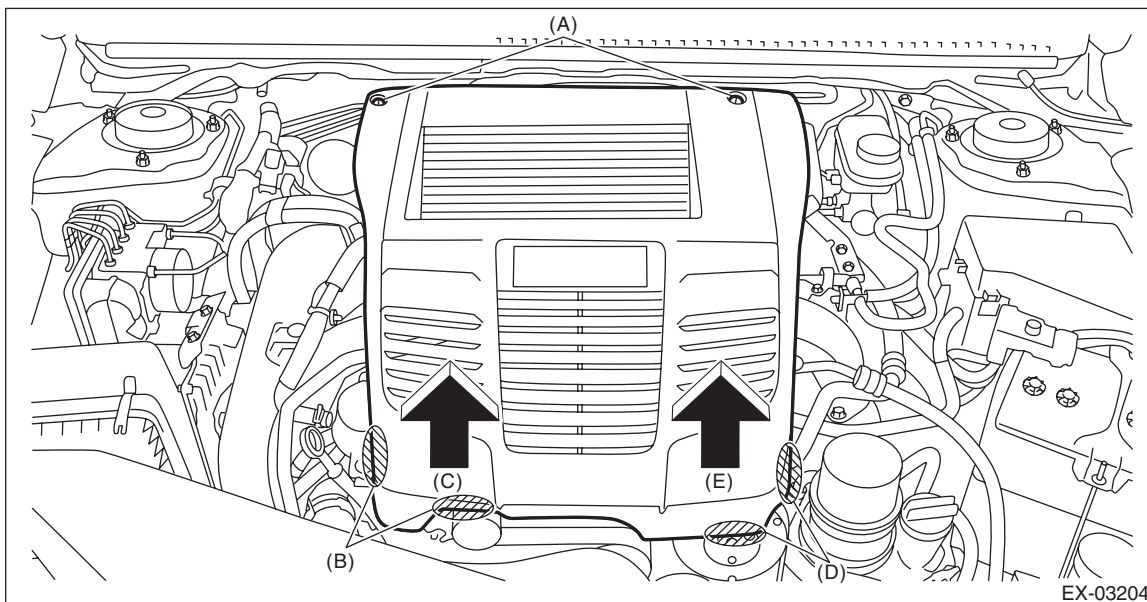


7. Switches and Harness

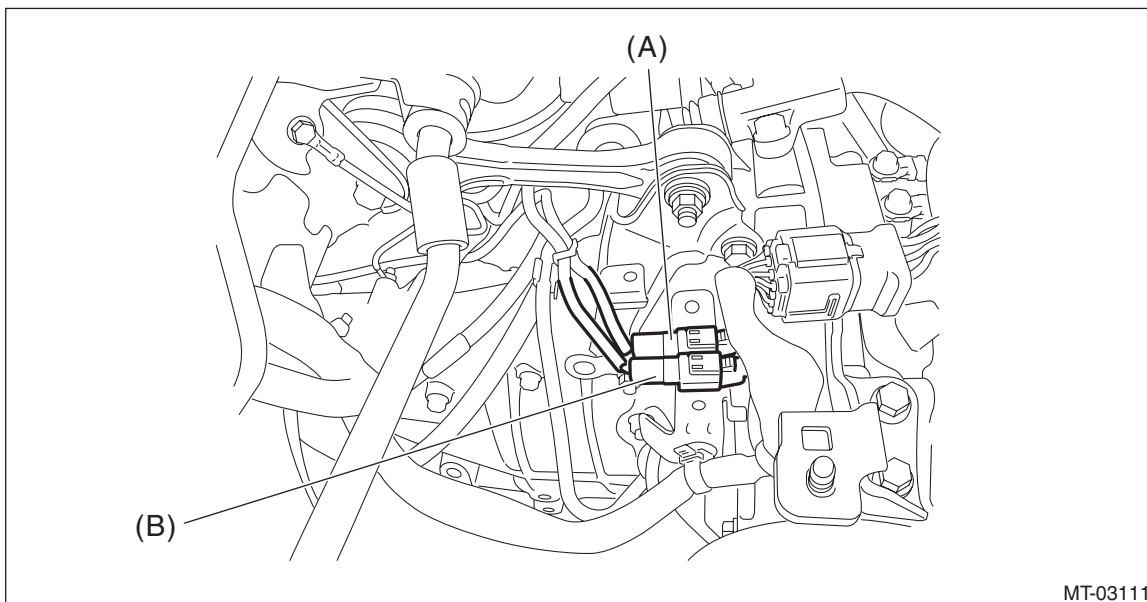
A: REMOVAL

1. BACK-UP LIGHT AND NEUTRAL POSITION SWITCH

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the collector cover.
 - (1) Remove the clips (A).
 - (2) Hold the shaded area (B) by hand and carefully pull the RH side (C) upward.
 - (3) Hold the shaded area (D) by hand and carefully pull the LH side (E) upward.



- 3) Remove the intercooler. <Ref. to IN(w/o STI)-38, REMOVAL, Intercooler.>
- 4) Disconnect the connector back-up light switch & neutral position switch.



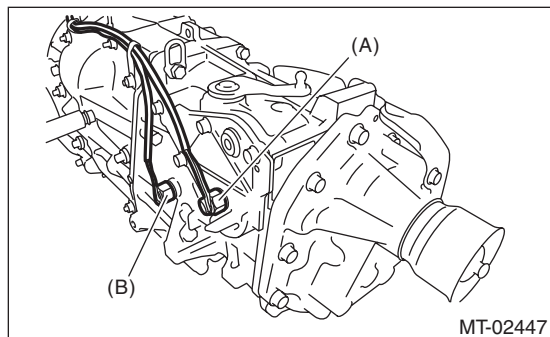
- | | |
|---|---|
| (A) Neutral position switch connector (brown) | (B) Back-up light switch connector (gray) |
|---|---|

- 5) Remove the harness connector from bracket.
- 6) Lift up the vehicle.
- 7) Remove the harness from each clip.

Switches and Harness

MANUAL TRANSMISSION AND DIFFERENTIAL

8) 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 AND NEUTRAL POSITION SWITCH

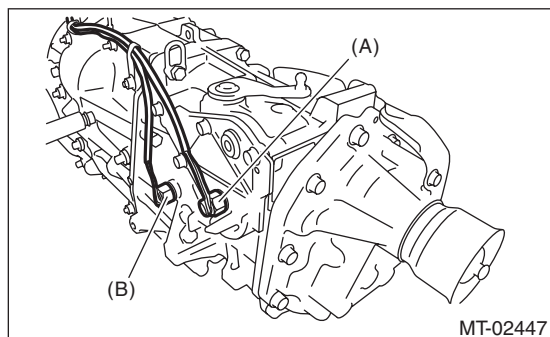
1) Install the back-up light switch & neutral position switch with the harness.

NOTE:

Use a new gasket.

Tightening torque:

32.3 N·m (3.3 kgf-m, 23.8 ft-lb)



(A) Neutral position switch

(B) Back-up light switch

2) Secure the harness on each clip.

3) Lower the vehicle.

4) Install the harness connector to the bracket.

5) Connect the connectors of back-up light switch & neutral position switch.

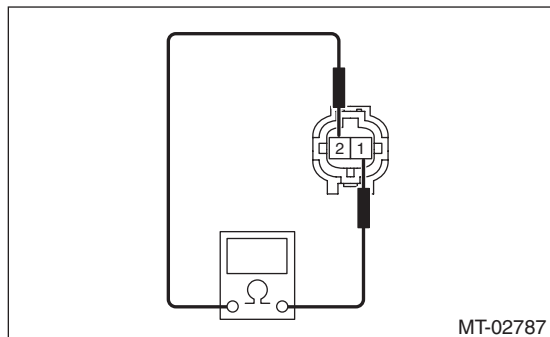
6) Install the intercooler. <Ref. to IN(w/o STI)-41, INSTALLATION, Intercooler.>

7) Install the collector cover.

8) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

C: INSPECTION**1. BACK-UP LIGHT SWITCH**

- 1) Turn the ignition switch to OFF.
- 2) Disconnect the back light switch connector.
- 3) Measure the resistance between the back-up light switch terminals.

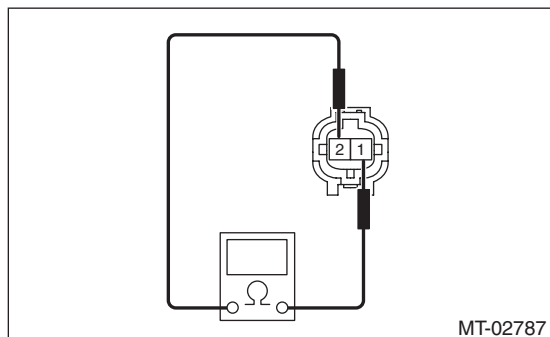


Gear shift position	Terminal No.	Specified resistance
Reverse position	1 and 2	Less than 1 Ω
Other positions		1 M Ω or more

- 4) Replace faulty parts.

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 Ω
Other positions		1 M Ω or more

- 4) Replace faulty parts.