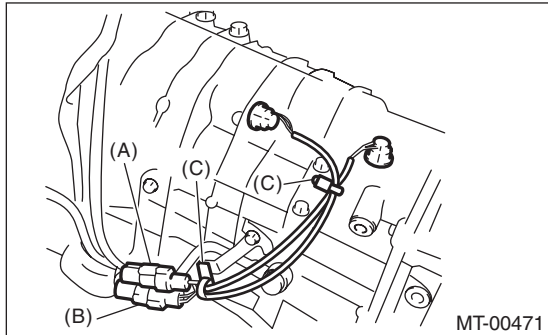


10. Neutral Position Switch

A: REMOVAL

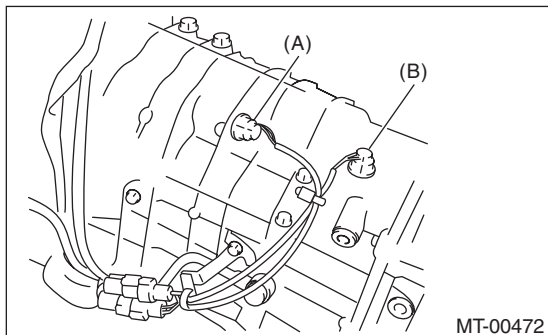
1) Remove the manual transmission assembly from the vehicle. <Ref. to 6MT-31, REMOVAL, Manual Transmission Assembly.>

2) Disconnect the connector and clip of the neutral position switch.



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

3) Remove the neutral position switch.



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

B: INSTALLATION

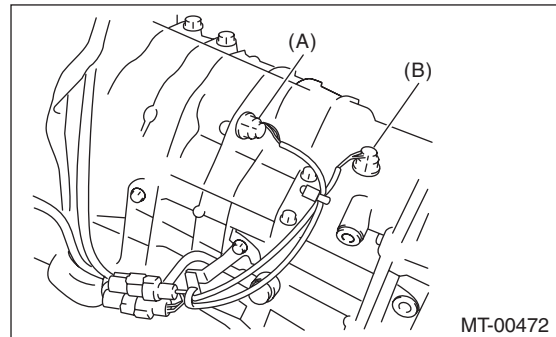
1) Install the neutral position switch.

NOTE:

Use a new gasket.

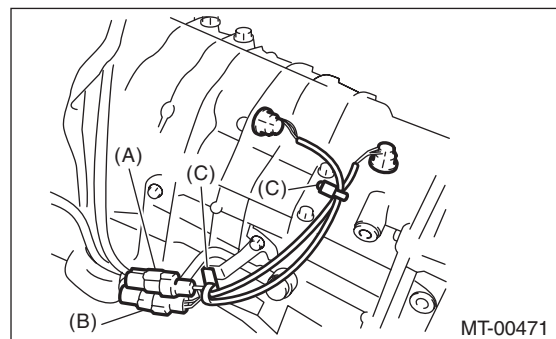
Tightening torque:

32 N·m (3.3 kgf-m, 23.6 ft-lb)



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

2) Connect the connector and clip of the neutral position switch.



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

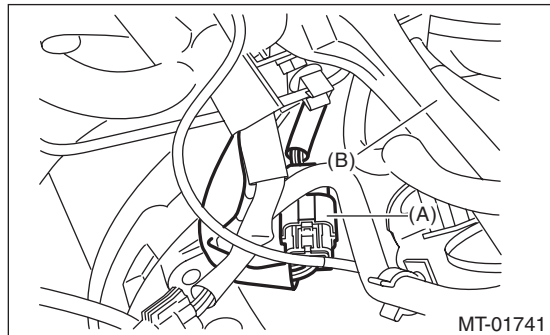
3) Install the manual transmission assembly to the vehicle. <Ref. to 6MT-33, INSTALLATION, Manual Transmission Assembly.>

Neutral Position Switch

MANUAL TRANSMISSION AND DIFFERENTIAL

C: INSPECTION

- 1) Disconnect the ground cable from battery.
- 2) Remove the intercooler. <Ref. to IN(STI)-12, REMOVAL, Intercooler.>
- 3) Disconnect the transmission harness and chassis harness.



- (A) Transmission harness connectors
(B) Pitching stopper

- 4) Measure the resistance between neutral position switch terminals. If not within the standard values, replace the neutral position switch.

Gear shift position	Terminal No.	Standard
Neutral position	2 and 5	Less than 1 Ω
Other positions		1 M Ω or more

