

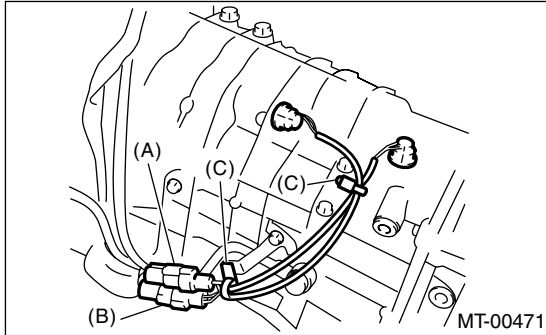
# BACK-UP LIGHT SWITCH

MANUAL TRANSMISSION AND DIFFERENTIAL

## 10. Back-up Light Switch

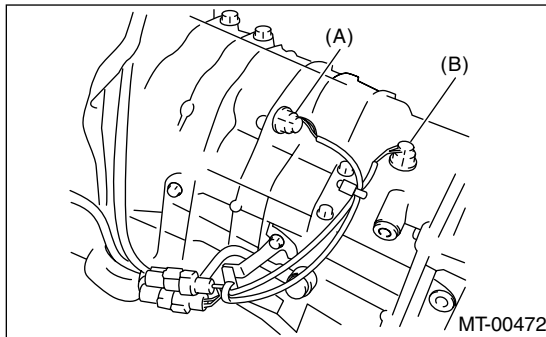
### A: REMOVAL

- 1) Remove the manual transmission assembly from vehicle. <Ref. to 6MT-35, REMOVAL, Manual Transmission Assembly.>
- 2) Disconnect the back-up light switch connector.



- (A) Back-up light switch connector (White)
- (B) Neutral position switch connector (Black)
- (C) Clip

- 3) Remove the back-up light switch.



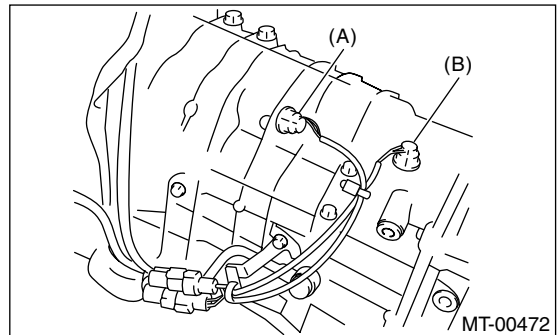
- (A) Back-up light switch
- (B) Neutral position switch

### B: INSTALLATION

- 1) Install the back-up light switch.

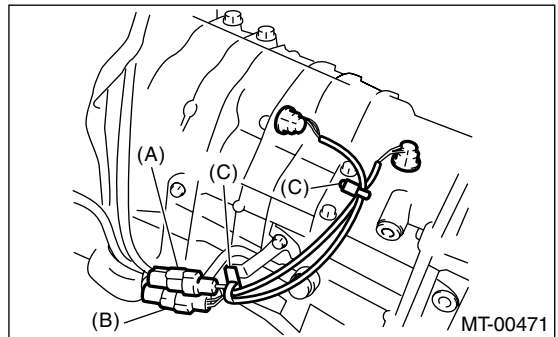
#### Tightening torque:

**32 N·m (3.3 kgf-m, 23.6 ft-lb)**



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

- 2) Connect the back-up light switch connector.



- (A) Back-up light switch connector (White)
- (B) Neutral position switch connector (Black)
- (C) Clip

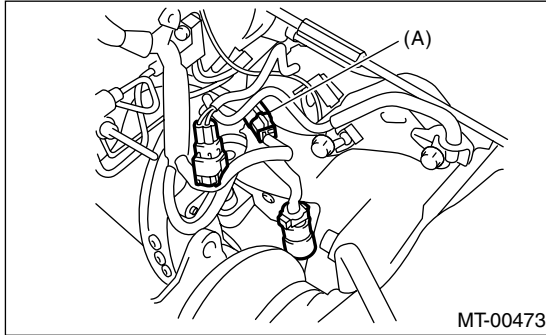
- 3) Install the manual transmission assembly to vehicle. <Ref. to 6MT-37, INSTALLATION, Manual Transmission Assembly.>

# BACK-UP LIGHT SWITCH

## MANUAL TRANSMISSION AND DIFFERENTIAL

### C: INSPECTION

- 1) Disconnect the ground cable from battery.
- 2) Remove the intercooler. <Ref. to IN(H4DOTC)-10, REMOVAL, Intercooler.>
- 3) Disconnect the transmission harness and chassis harness.



(A) Transmission connector

- 4) Measure the resistance between back-up light switch terminals. If it is not within specifications, replace the back-up light switch.

Gear shift position	Terminal No.	Specified resistance
Back-up position	3 and 6	Less than 1 $\Omega$
Other positions		More than 1 M $\Omega$

