

## 2016 - CX-3 - Transmission/Transaxle

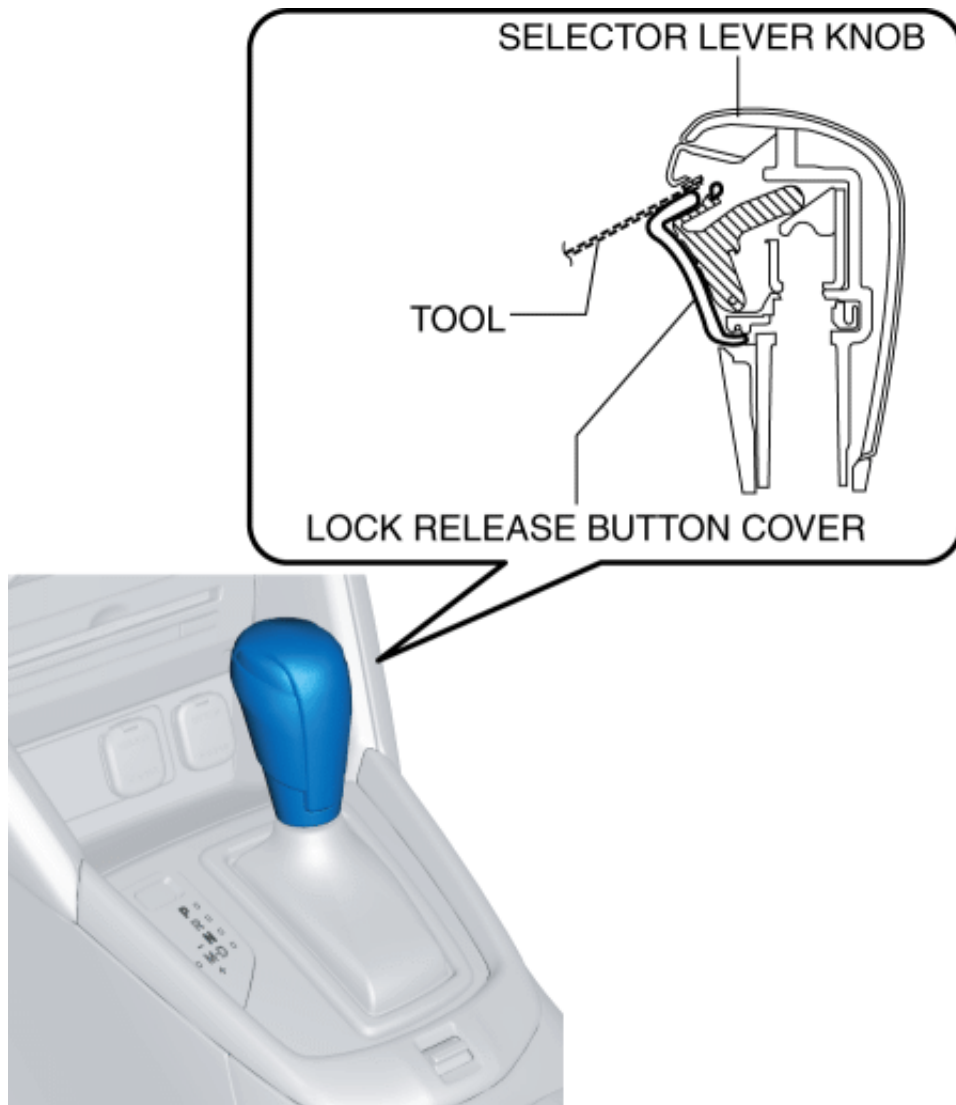
### AUTOMATIC TRANSAXLE SHIFT MECHANISM REMOVAL/INSTALLATION

#### Selector Lever Removal/Installation

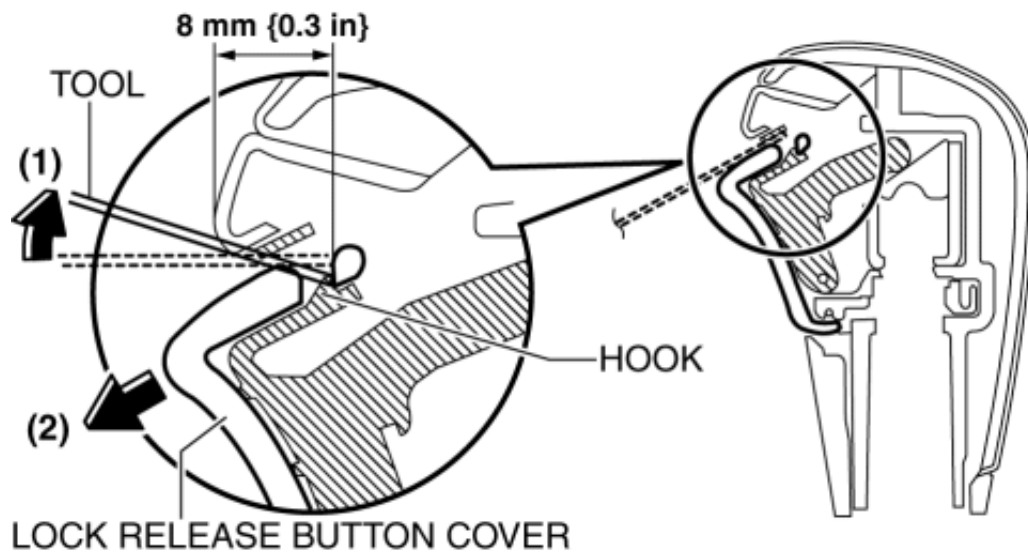
1. Disconnect the negative battery cable. (See **NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION.**)
2. Perform the following procedure to remove the selector lever knob.

**NOTE:**

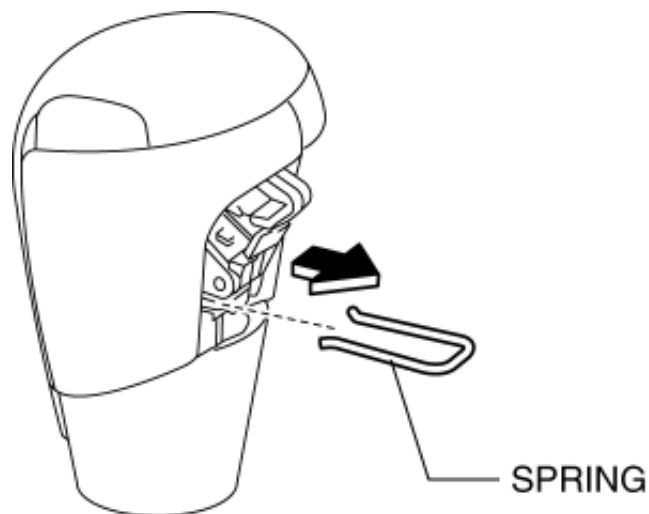
- If the servicing is difficult, release the shift lock manually and shift the selector lever to the N position.
- a. Insert the tool (width: **4 mm {0.2 in} or less**, thickness: **1 mm {0.04 in} or less**) as shown in the figure.



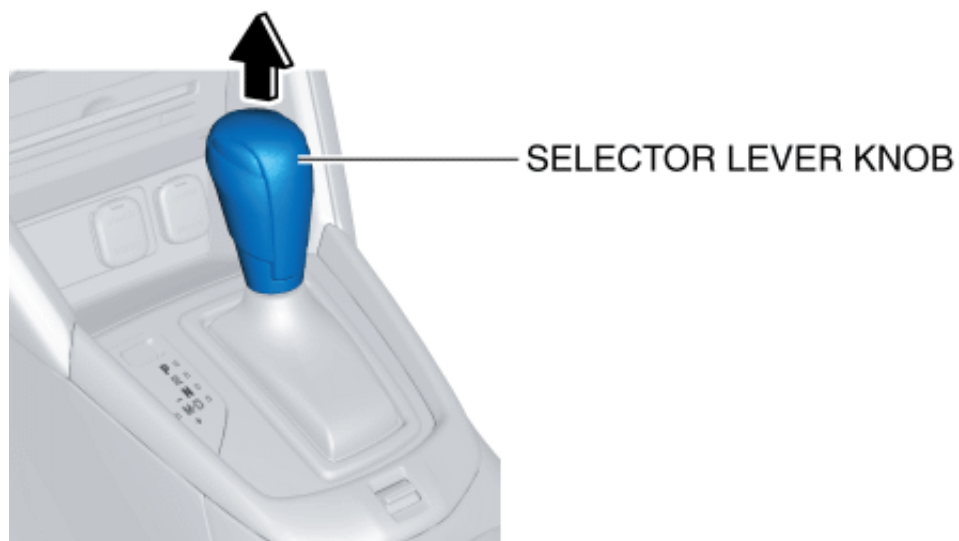
- b. Move the tool in the direction of arrow (1) in the figure and detach the hook. Move the lock release button cover in the direction of arrow (2) in the figure and remove it.



c. Remove the spring.



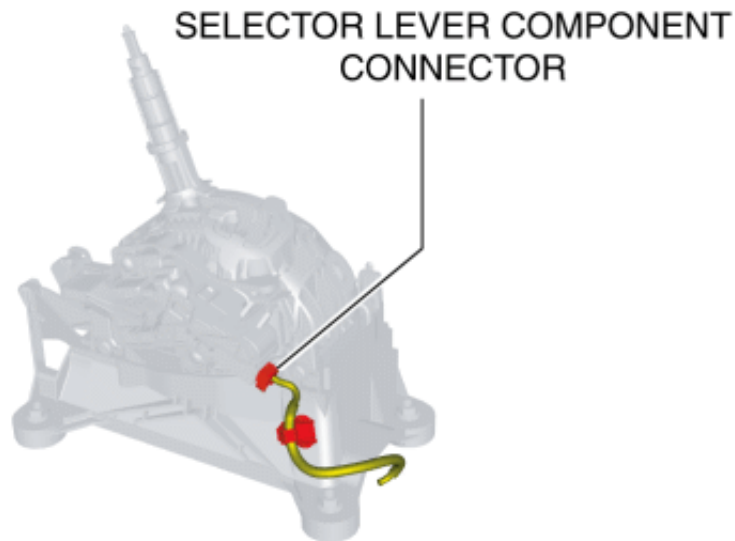
d. Remove the selector lever knob.



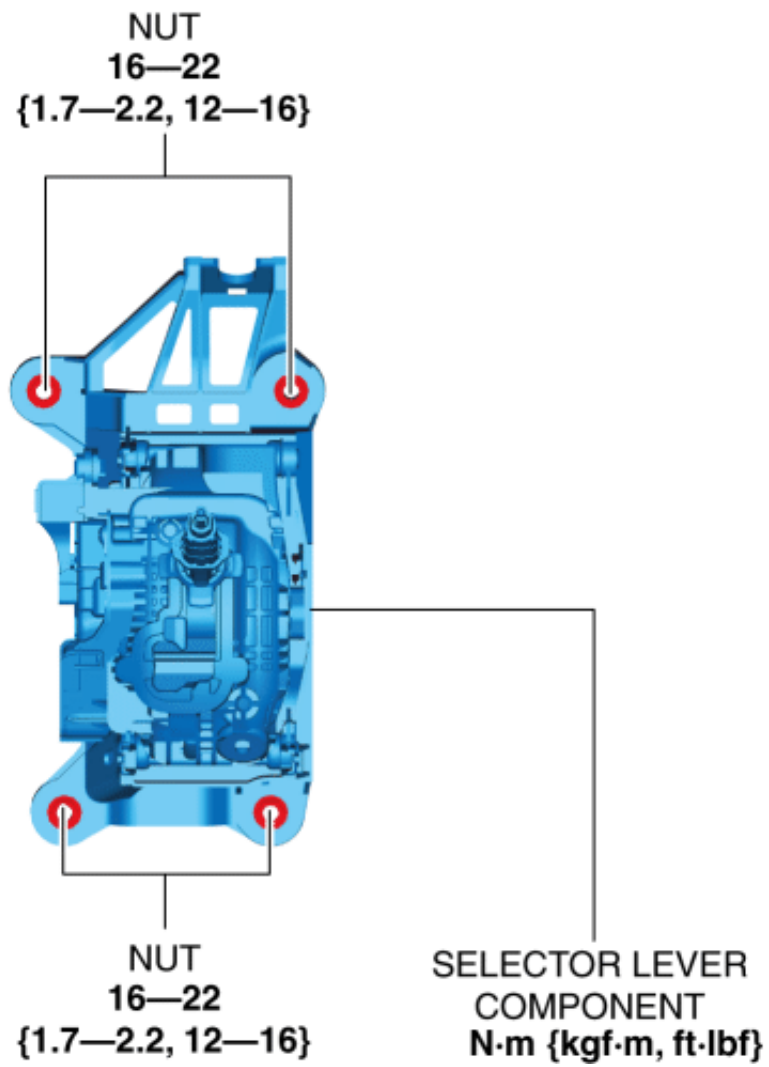
3. Remove the following parts:

- Center console tray (See [CENTER CONSOLE TRAY REMOVAL/INSTALLATION.](#))
- Shift bezel (See [SHIFT BEZEL REMOVAL/INSTALLATION.](#))

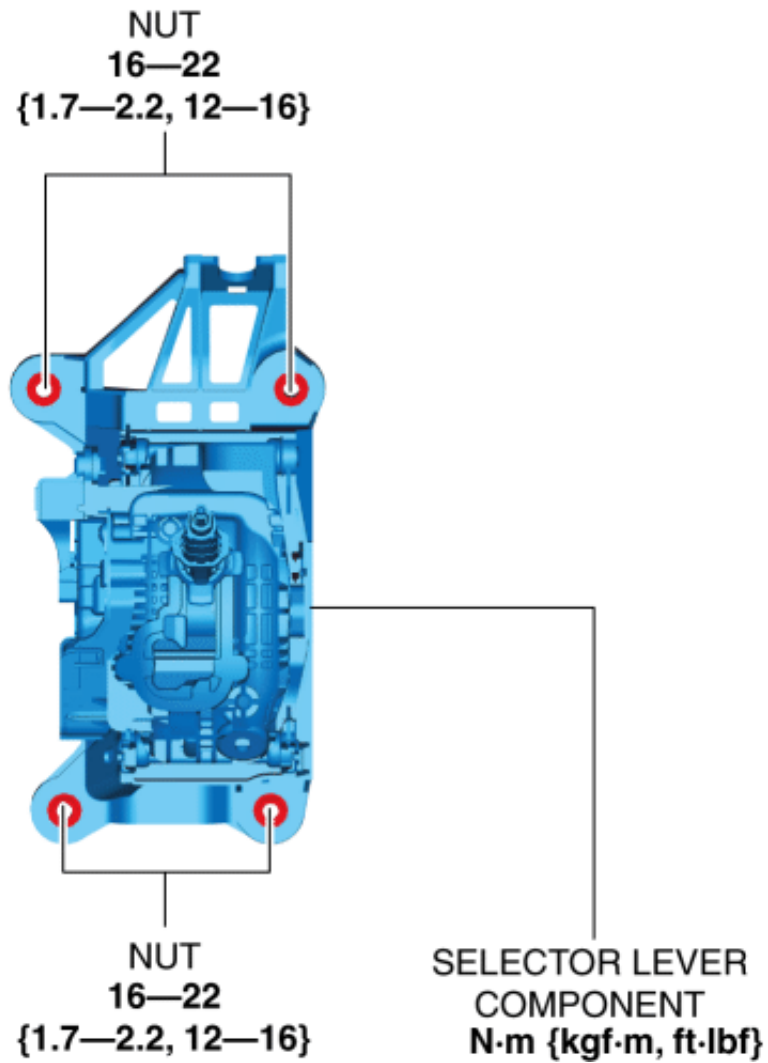
- c. Upper panel (See **UPPER PANEL REMOVAL/INSTALLATION.**)
  - d. Shift panel (See **SHIFT PANEL REMOVAL/INSTALLATION.**)
  - e. Console side panel (See **CONSOLE SIDE PANEL REMOVAL/INSTALLATION.**)
  - f. Front console box (See **FRONT CONSOLE BOX REMOVAL/INSTALLATION.**)
  - g. CD player (See **CD PLAYER REMOVAL.**)
  - h. Front console (See **FRONT CONSOLE REMOVAL/INSTALLATION.**)
  - i. Side wall (See **SIDE WALL REMOVAL/INSTALLATION.**)
  - j. Rear console (See **REAR CONSOLE REMOVAL/INSTALLATION.**)
4. Disconnect the selector lever component connector.



5. Remove the selector cable (selector lever side). (See **Selector Cable Removal/Installation.**)
6. Remove the nuts from the selector lever component.

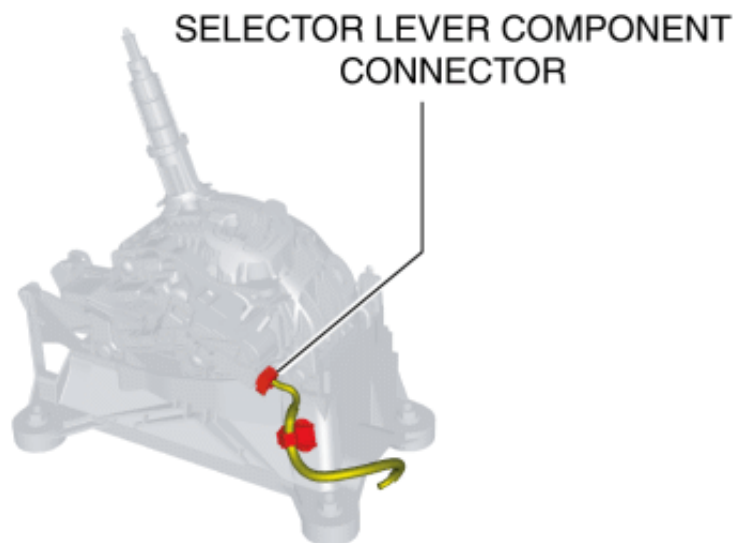


7. Remove the selector lever component.
8. Install the selector lever component.
9. Install the nuts from the selector lever component.



10. Install the selector cable (selector lever side). (See [Selector Cable Removal/Installation.](#))

11. Connect the selector lever component connector.



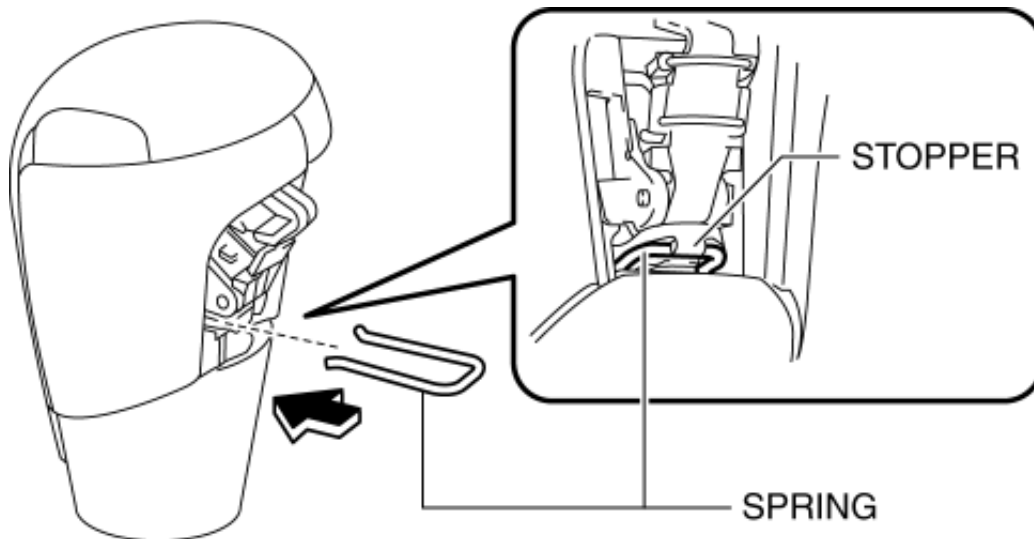
12. Install the following parts:

- a. Rear console (See [REAR CONSOLE REMOVAL/INSTALLATION.](#))
- b. Side wall (See [SIDE WALL REMOVAL/INSTALLATION.](#))

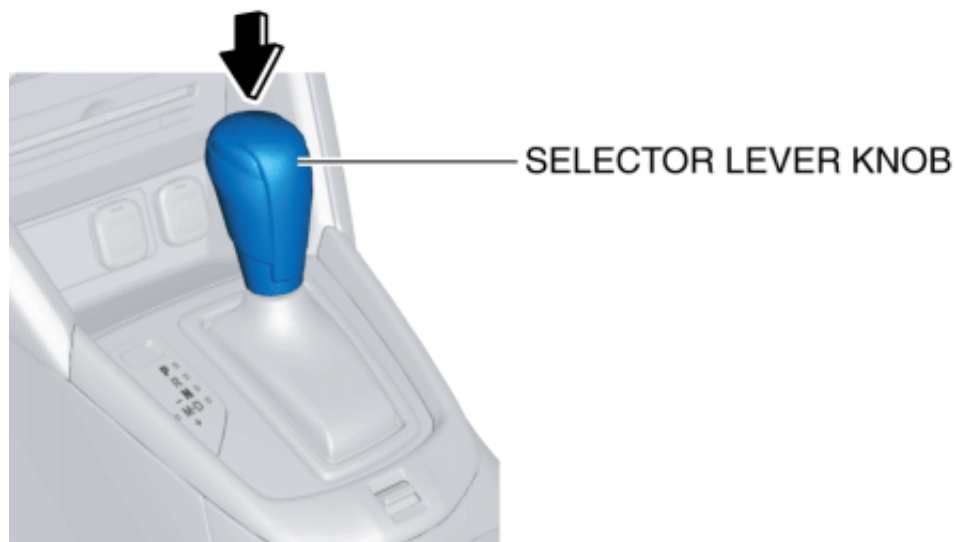
- c. Front console (See **FRONT CONSOLE REMOVAL/INSTALLATION.**)
  - d. CD player (See **CD PLAYER INSTALLATION.**)
  - e. Front console box (See **FRONT CONSOLE BOX REMOVAL/INSTALLATION.**)
  - f. Console side panel (See **CONSOLE SIDE PANEL REMOVAL/INSTALLATION.**)
  - g. Shift panel (See **SHIFT PANEL REMOVAL/INSTALLATION.**)
  - h. Upper panel (See **UPPER PANEL REMOVAL/INSTALLATION.**)
  - i. Shift bezel (See **SHIFT BEZEL REMOVAL/INSTALLATION.**)
  - j. Center console tray (See **CENTER CONSOLE TRAY REMOVAL/INSTALLATION.**)
13. Perform the following procedure to install the selector lever knob.
- a. Install the spring to the selector lever knob.

**CAUTION:**

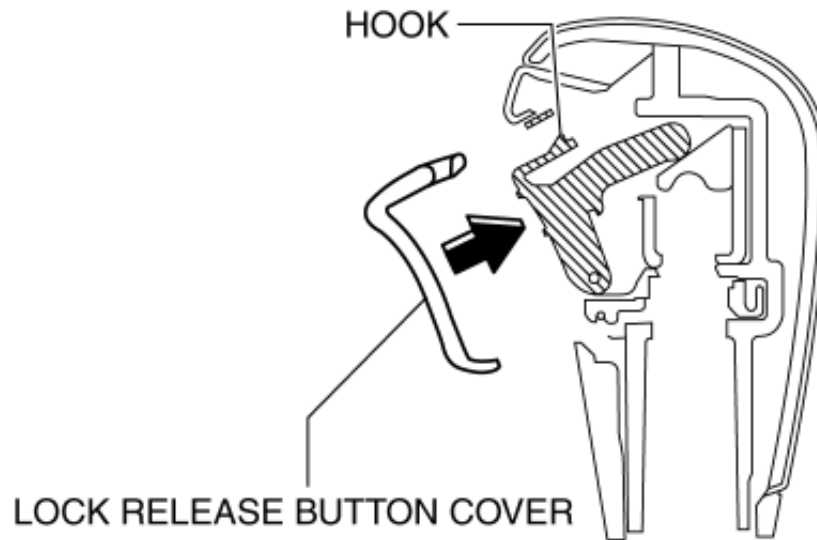
- Install the spring so that it is stopped by the stopper.



- b. Install the selector lever knob to the selector lever component.



- c. Install the lock release button cover so that it engages with the hook of the selector lever knob.

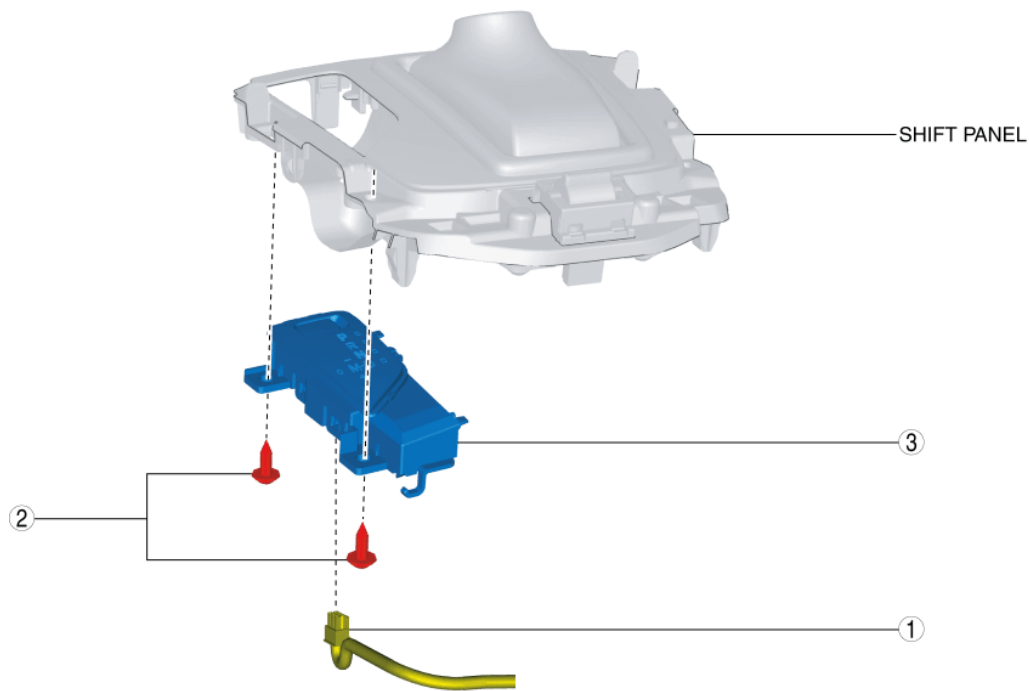


d. Pull the select lever knob upward and verify that it is securely installed.

14. Connect the negative battery cable. (See **NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION.**)

#### **Indicator Removal/Installation**

1. Disconnect the negative battery cable. (See **NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION.**)
2. Remove the center console tray. (See **CENTER CONSOLE TRAY REMOVAL/INSTALLATION.**)
3. Remove the shift bezel. (See **SHIFT BEZEL REMOVAL/INSTALLATION.**)
4. Remove the upper panel. (See **UPPER PANEL REMOVAL/INSTALLATION.**)
5. Remove the selector lever knob. (See **Selector Lever Removal/Installation.**)
6. Remove the shift panel. (See **SHIFT PANEL REMOVAL/INSTALLATION.**)
7. Remove in the order indicated in the table.
8. Install in the reverse order of removal.



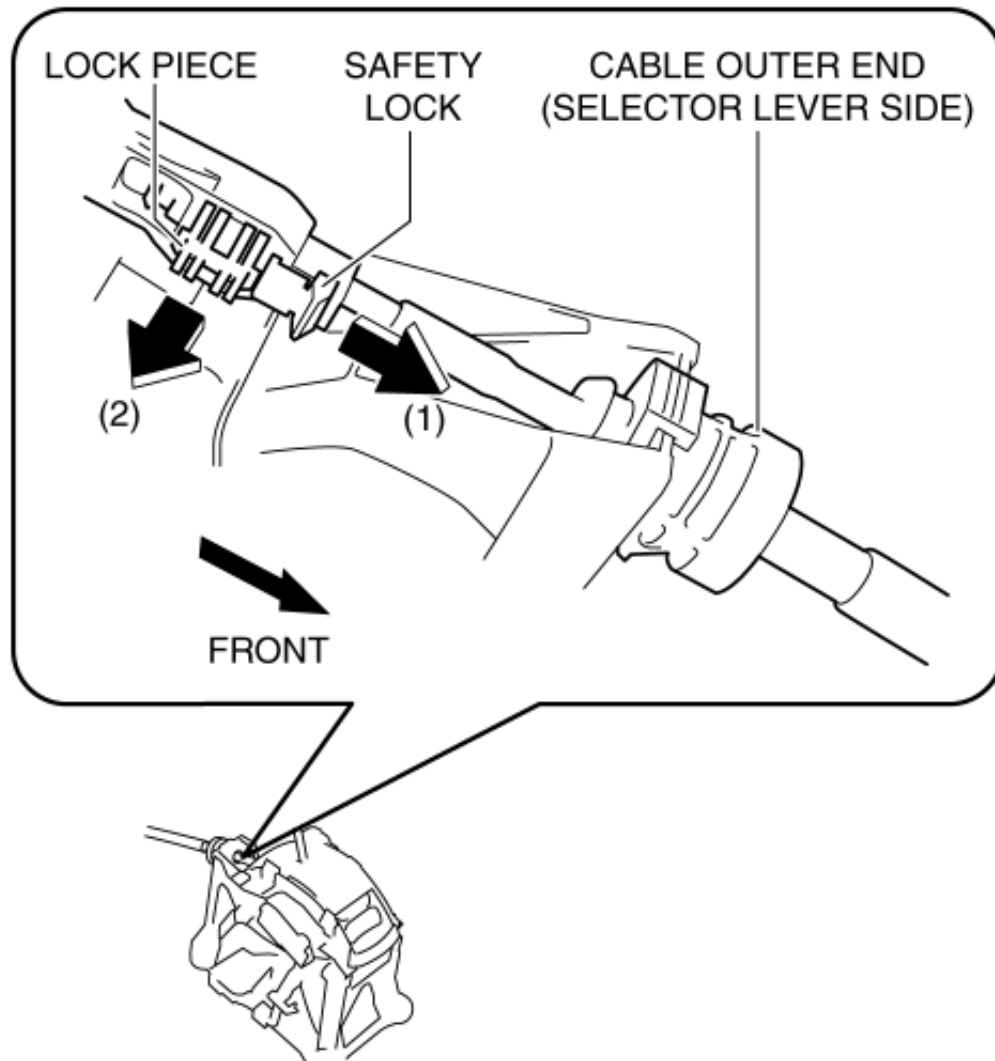
1	Connector
2	Screw
3	Indicator

### Selector Cable Removal/Installation

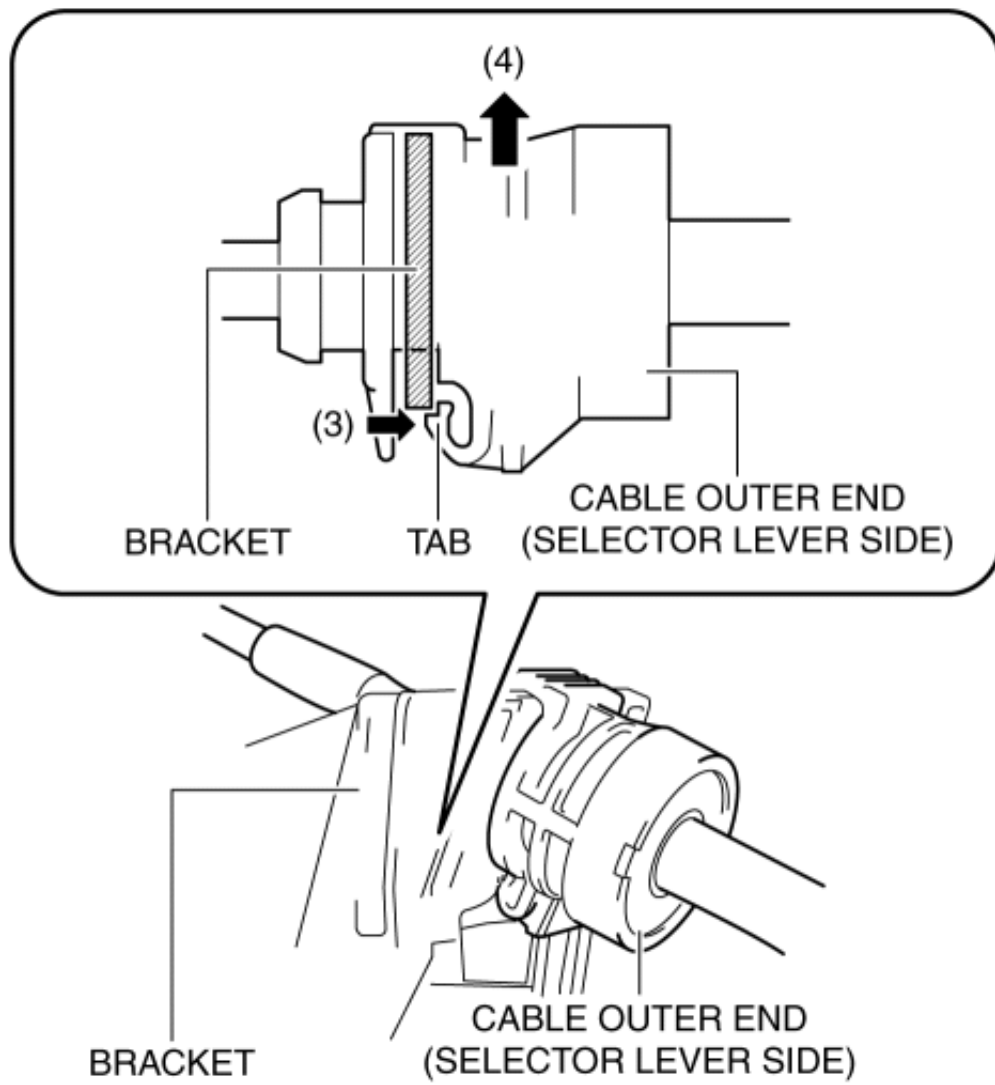
1. Disconnect the negative battery cable. (See **NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION.**)
2. Remove the selector lever knob. (See **Selector Lever Removal/Installation.**)
3. Perform the following procedure to remove the selector cable (selector lever side).
  - a. Remove the center console tray. (See **CENTER CONSOLE TRAY REMOVAL/INSTALLATION.**)
  - b. Remove the shift bezel. (See **SHIFT BEZEL REMOVAL/INSTALLATION.**)
  - c. Remove the upper panel. (See **UPPER PANEL REMOVAL/INSTALLATION.**)
  - d. Remove the shift panel. (See **SHIFT PANEL REMOVAL/INSTALLATION.**)
  - e. Remove the console side panel. (See **CONSOLE SIDE PANEL REMOVAL/INSTALLATION.**)
  - f. Remove the front console box. (See **FRONT CONSOLE BOX REMOVAL/INSTALLATION.**)
  - g. Remove the CD player. (See **CD PLAYER REMOVAL.**) (See **CD PLAYER INSTALLATION.**)
  - h. Remove the front console. (See **FRONT CONSOLE REMOVAL/INSTALLATION.**)
  - i. Remove the side wall. (See **SIDE WALL REMOVAL/INSTALLATION.**)
  - j. Remove the rear console. (See **REAR CONSOLE REMOVAL/INSTALLATION.**)



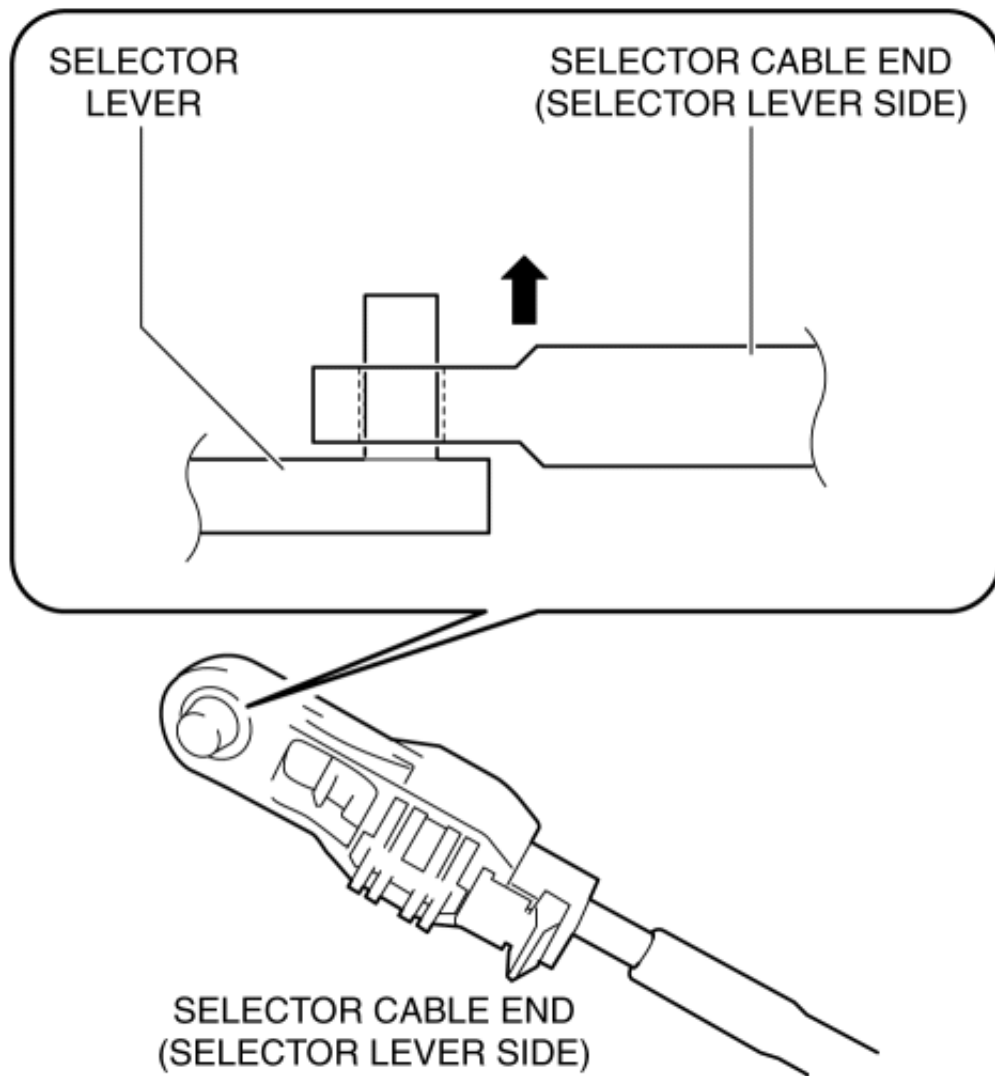
k. Pull out the safety lock in the direction of the arrow (1) shown in the figure, pull out the lock piece in the direction of the arrow (2) shown in the figure, and release the lock. (See **Selector Cable (Selector Lever Side) Installation Note**.)



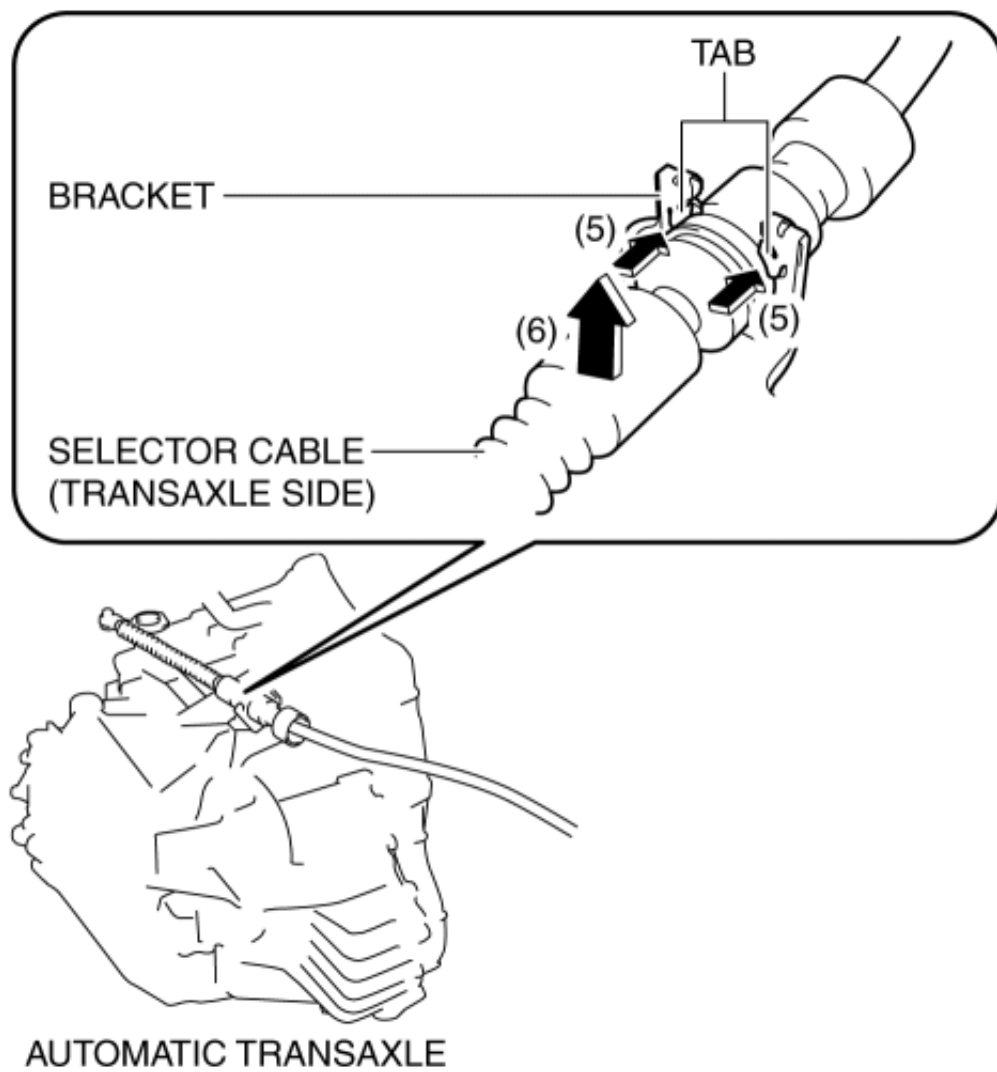
l. While pressing the cable outer end tab (selector lever side) in the direction of the arrow (3) shown in the figure, lift up cable outer end (selector lever side) in the direction of the arrow (4) shown in the figure to detach the cable outer end tab (selector lever side) from the bracket.



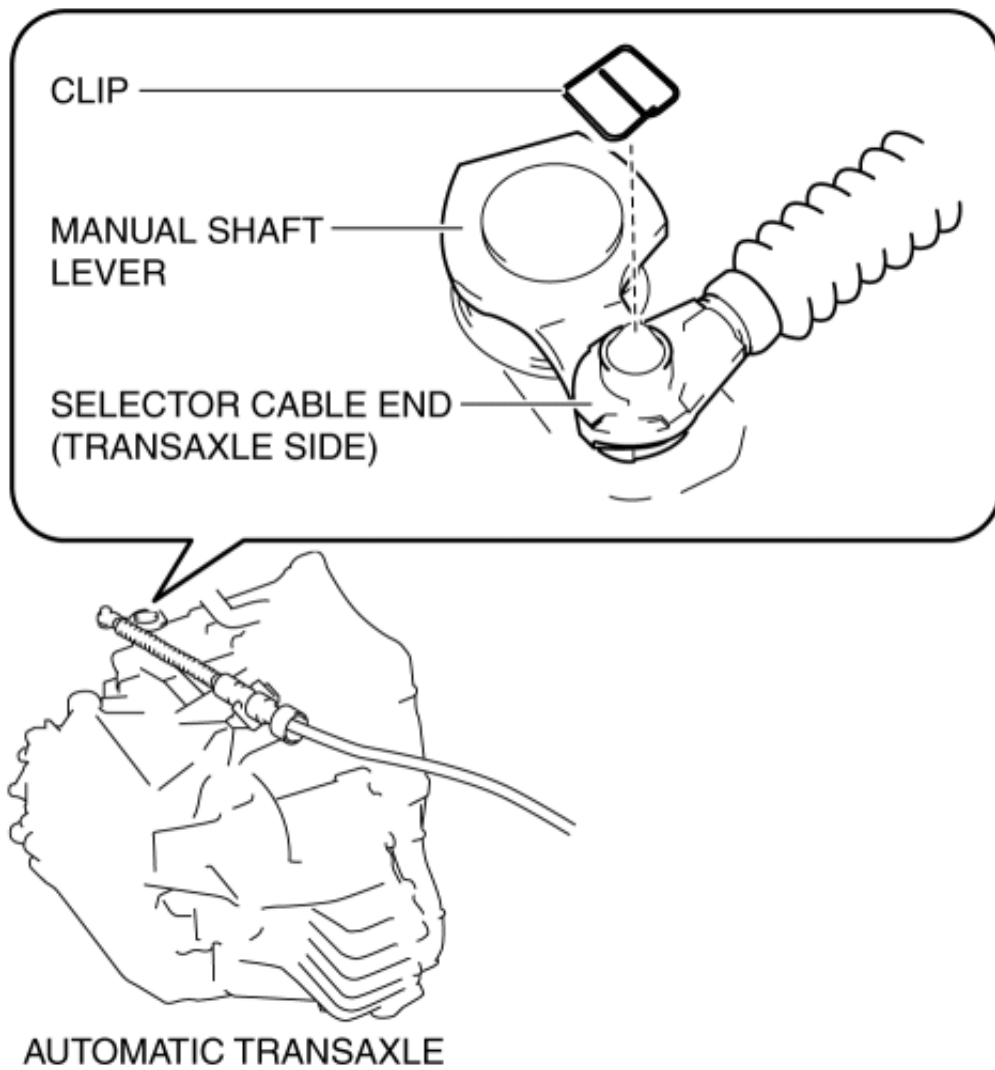
- m. Remove the cable outer end (selector lever side) from the bracket.
- n. Remove the selector cable end (selector lever side) from the selector lever.



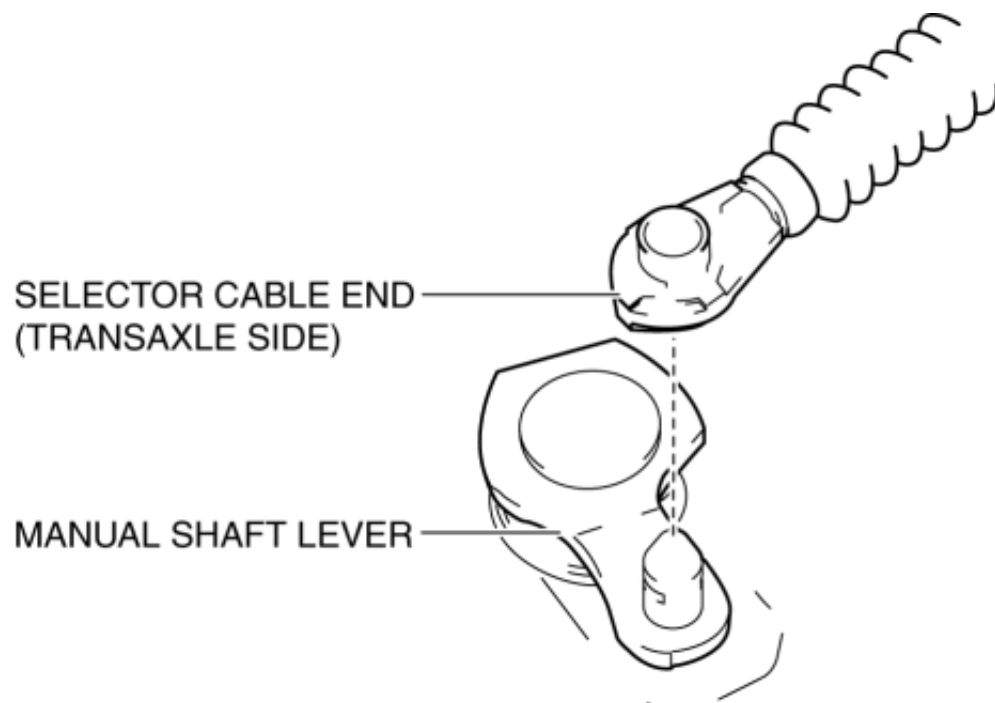
4. Perform the following procedure to remove the selector cable (transaxle side).
- Remove the air cleaner case. (See **INTAKE-AIR SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0].**)
  - Remove the battery tray. (See **BATTERY REMOVAL/INSTALLATION [SKYACTIV-G 2.0].**)
  - While pressing the bracket tab in the direction of the arrow (5) shown in the figure, lift up the cable outer end (transaxle side) in the direction of the arrow (6) shown in the figure to detach the bracket tab from the cable outer end (transaxle side).



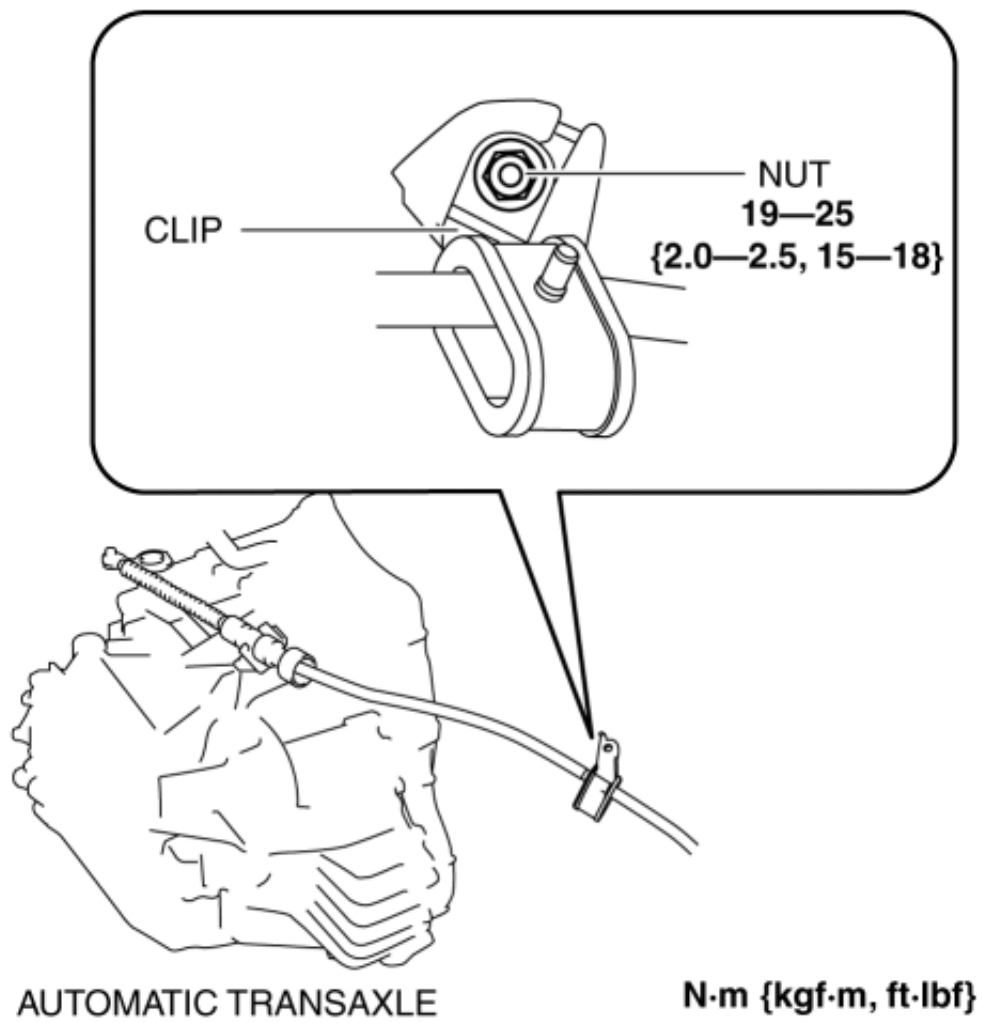
- d. Remove the cable outer end (transaxle side) from the bracket. (See **Cable Outer End (Transaxle Side) Installation Note.**)
- e. Remove the clip from the selector cable end (transaxle side).



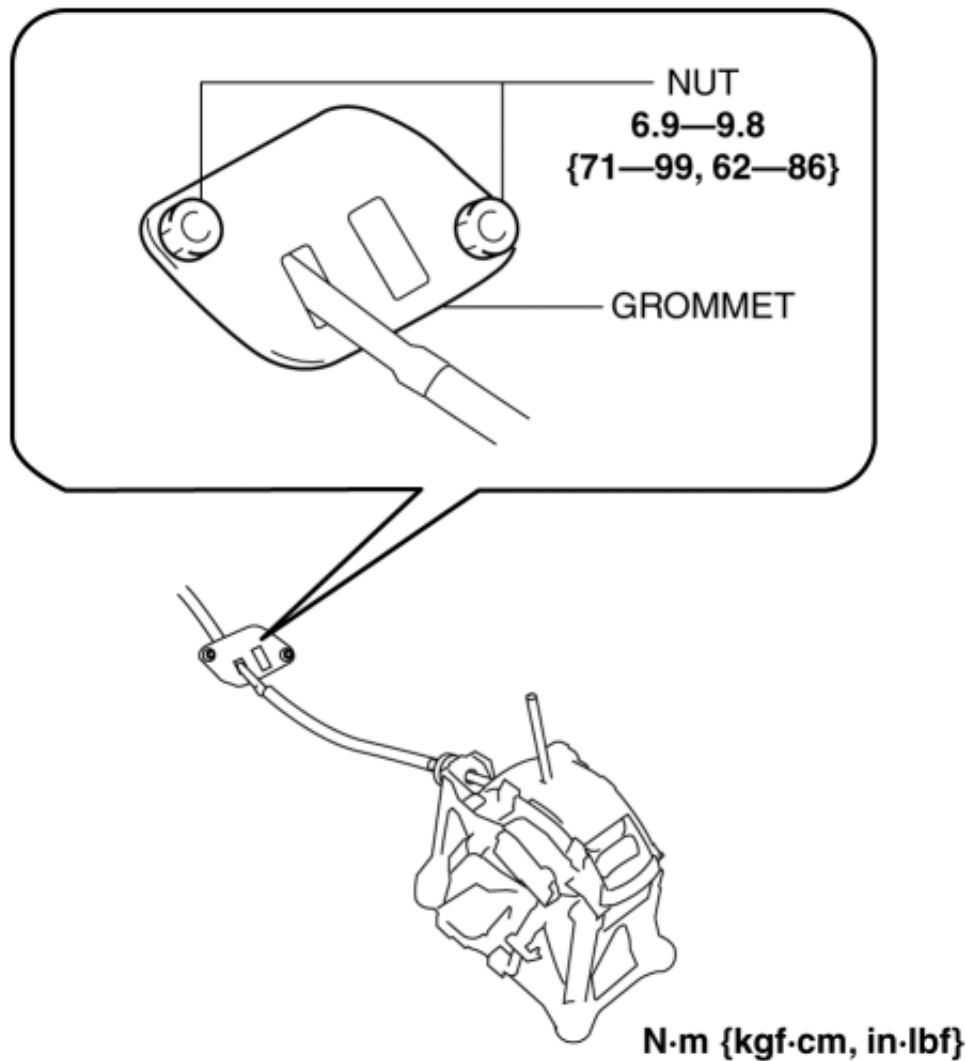
f. Remove the selector cable end (transaxle side) from the manual shaft lever.



5. Remove the clip as shown in the figure and remove the nut.



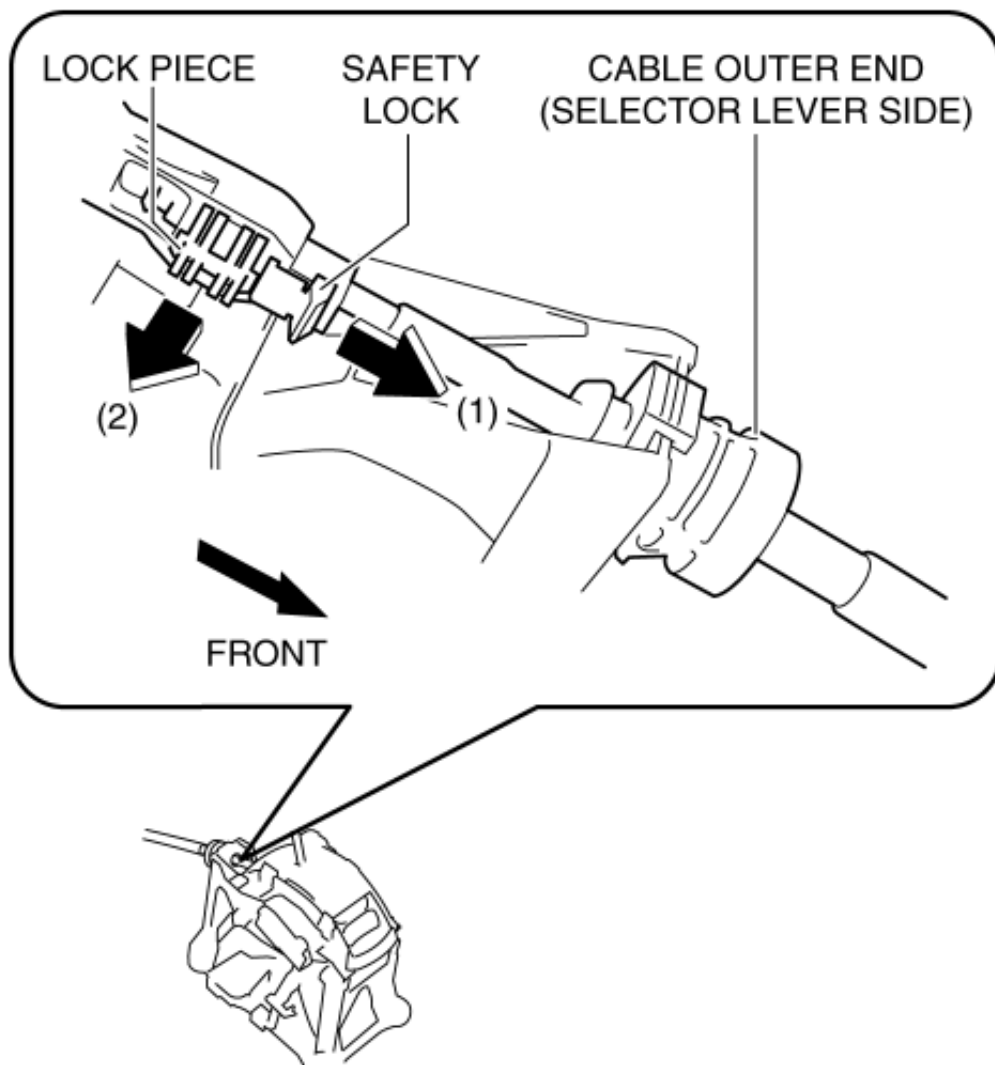
6. Remove the grommet as shown in the figure and remove the nuts.



7. Install in the reverse order of removal.

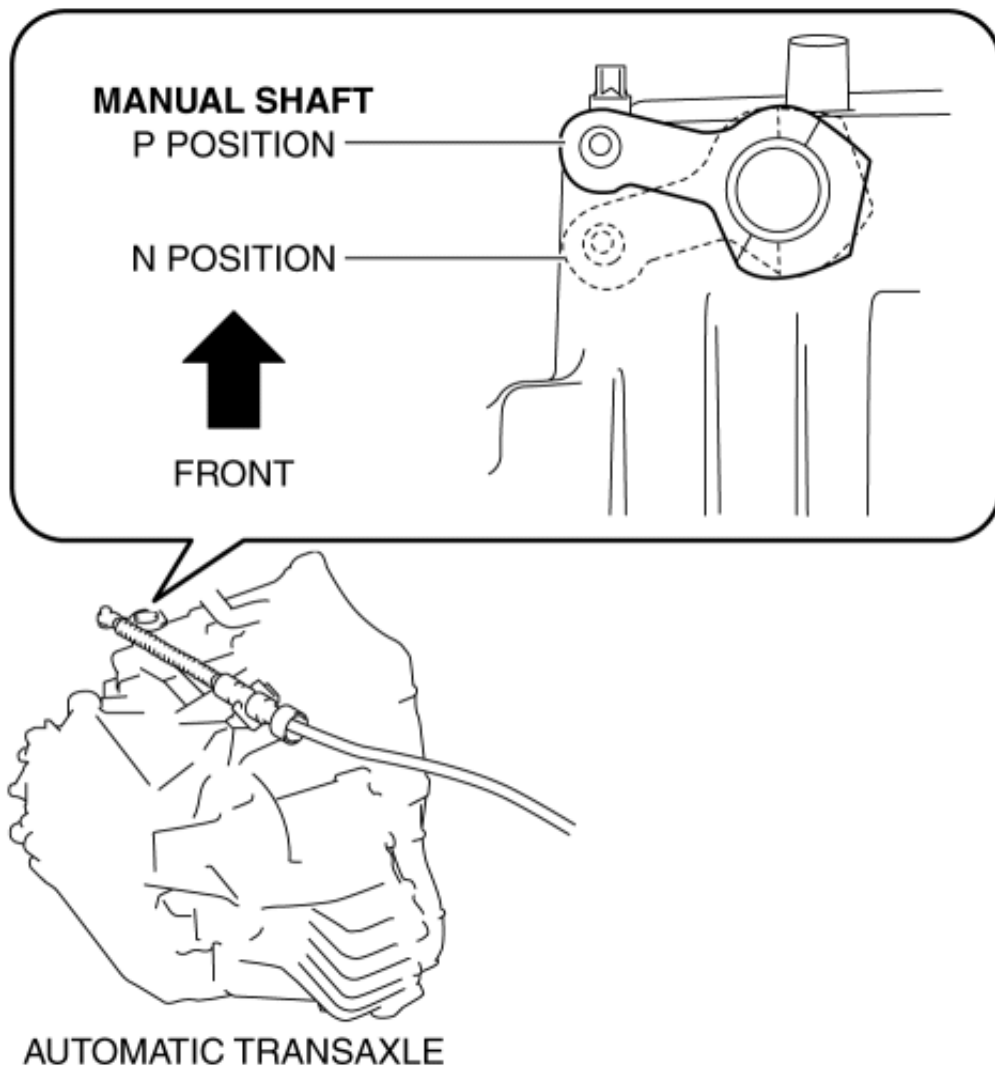
### Selector Cable Adjustment

1. Disconnect the negative battery cable. (See **NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION.**)
2. Remove the center console tray. (See **CENTER CONSOLE TRAY REMOVAL/INSTALLATION.**)
3. Remove the shift bezel. (See **SHIFT BEZEL REMOVAL/INSTALLATION.**)
4. Remove the upper panel. (See **UPPER PANEL REMOVAL/INSTALLATION.**)
5. Remove the selector lever knob. (See **Selector Lever Removal/Installation.**)
6. Remove the shift panel. (See **SHIFT PANEL REMOVAL/INSTALLATION.**)
7. Shift the selector lever to the P position.
8. Pull out the safety lock in the direction of the arrow (1) shown in the figure, pull out the lock piece in the direction of the arrow (2) shown in the figure, and release the lock. (See **Selector Cable (Selector Lever Side) Installation Note.**)

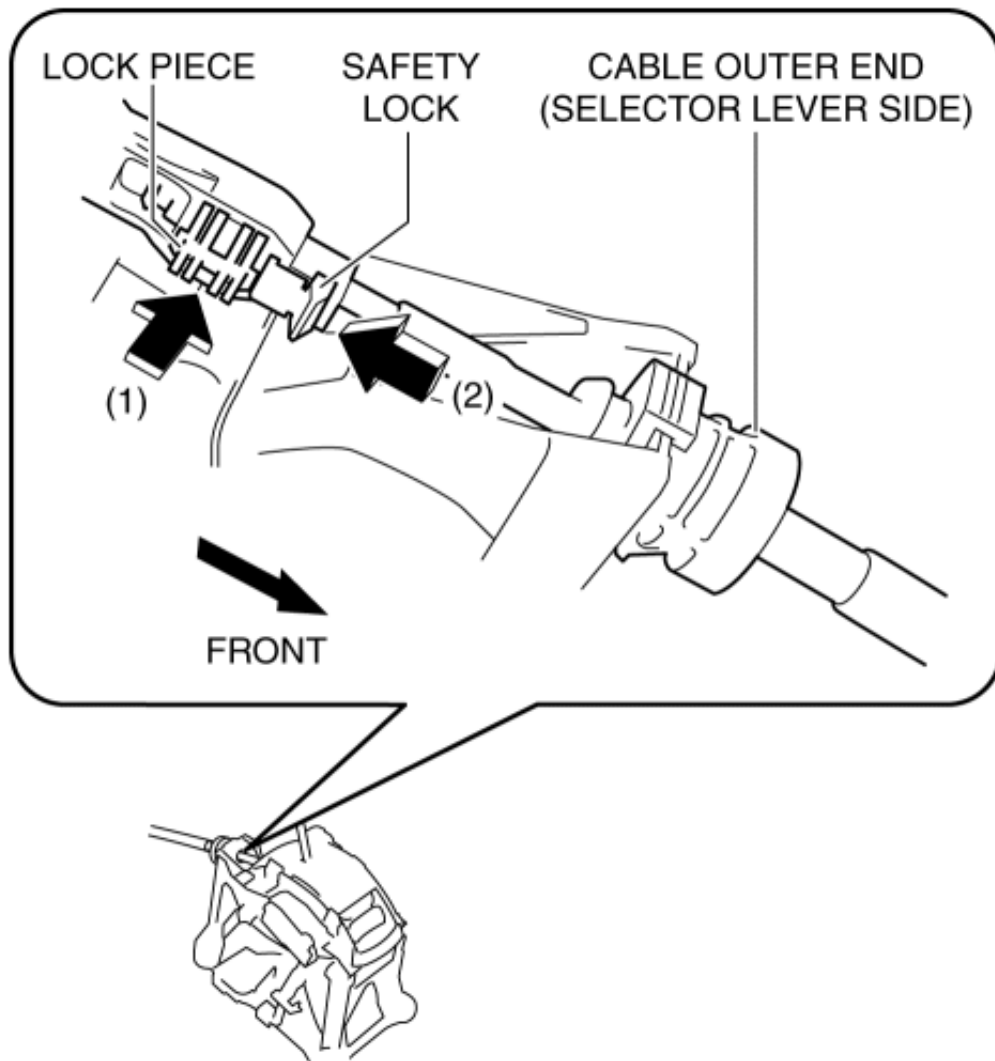


9. Set the manual shaft to the P position.





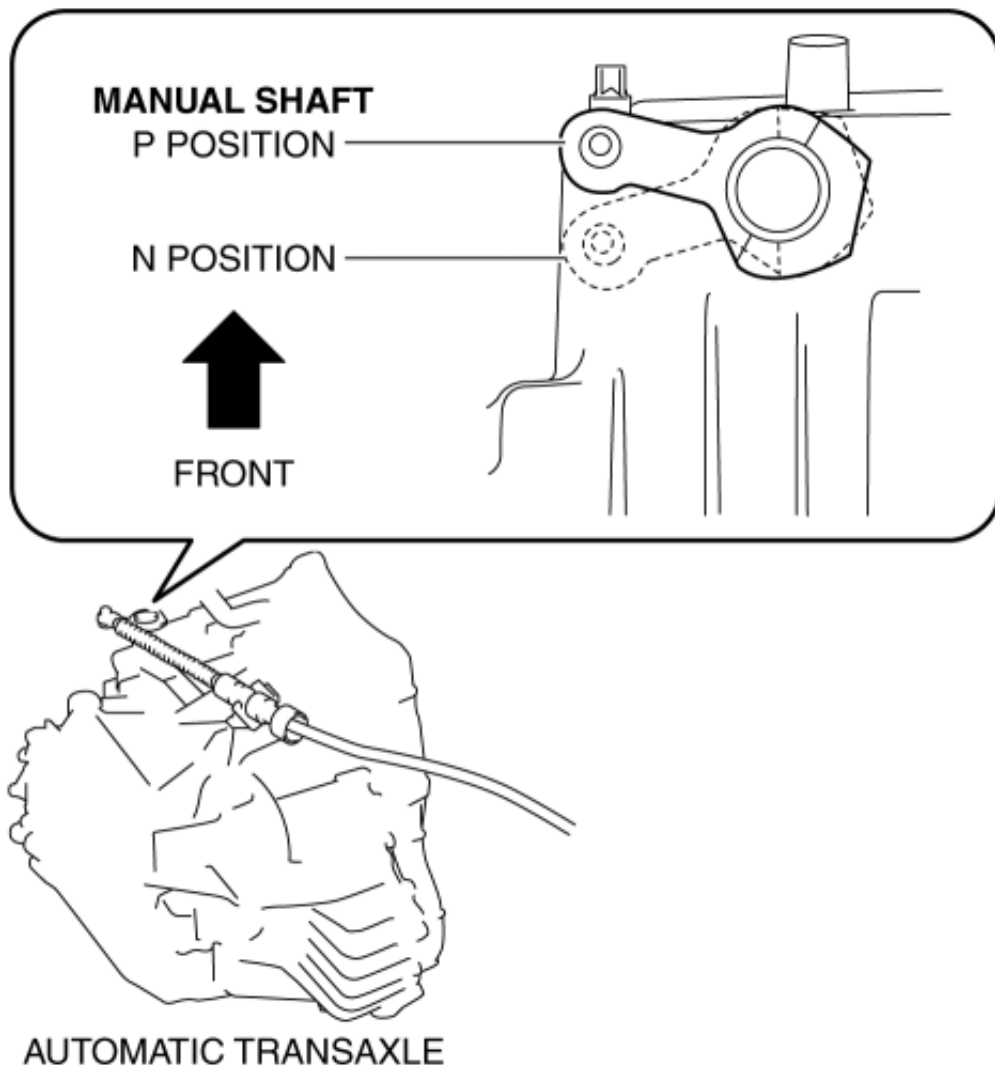
10. Press in the lock piece in the direction of the arrow (1) shown in the figure, press in the safety lock in the direction of the arrow (2) shown in the figure, and lock it.



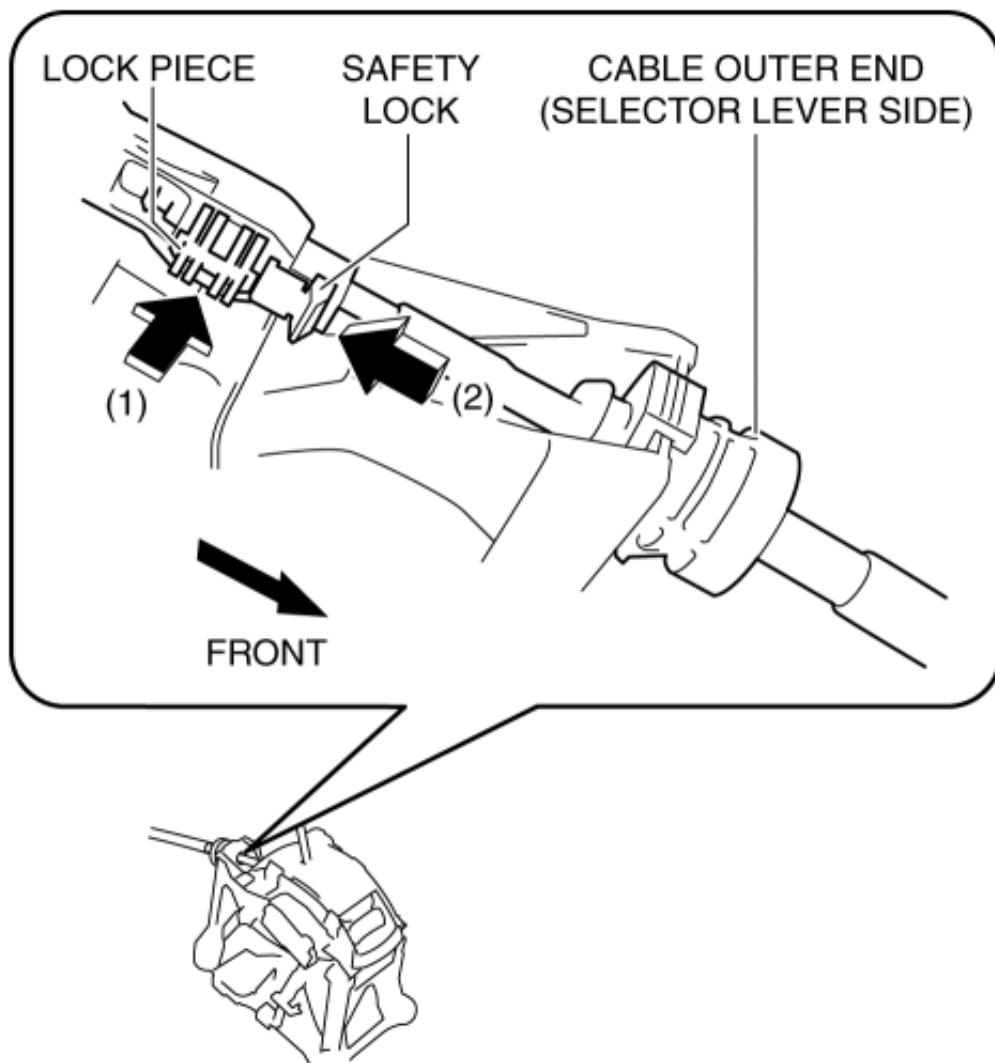
11. Perform the procedure in the reverse order of Step 1 to 6 to install the removed part.
12. Perform the selector lever inspection. (See **SELECTOR LEVER INSPECTION.**)

**Selector Cable (Selector Lever Side) Installation Note**

1. Verify that the selector lever is in the P position.
2. Verify that the manual shaft is in the P position.

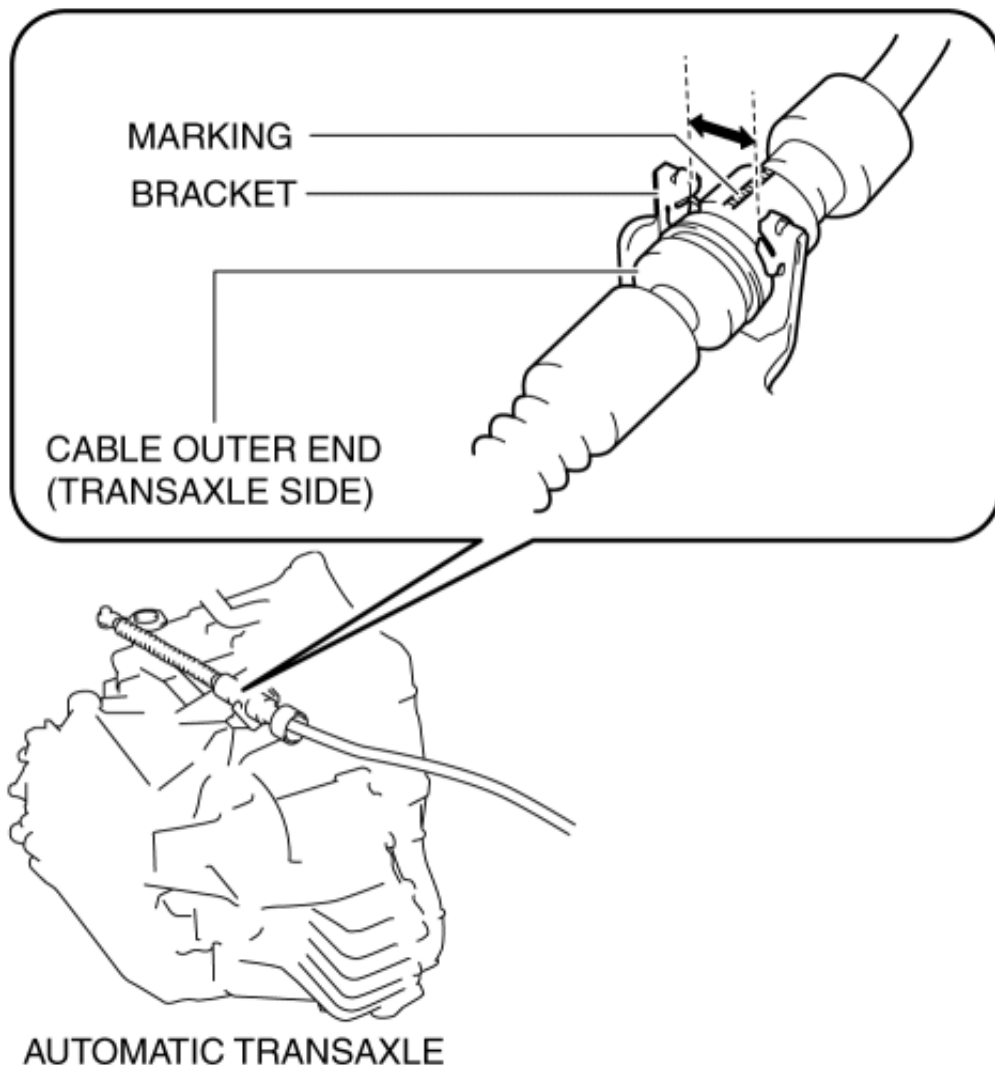


3. Press in the lock piece in the direction of the arrow (1) shown in the figure, press in the safety lock in the direction of the arrow (2) shown in the figure, and lock it.



#### **Cable Outer End (Transaxle Side) Installation Note**

1. Assemble the cable outer end (transaxle side) to the bracket so that the marking is in the area of the arrow shown in the figure.



[< Previous](#) [Next >](#)

[Back to Top](#)

© 2014 Mazda North American Operations, U.S.A.