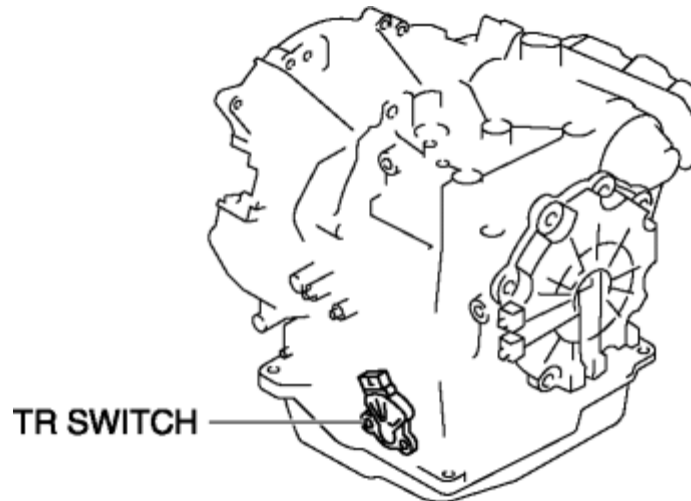


2012 - Mazda6 - Transmission/ Transaxle

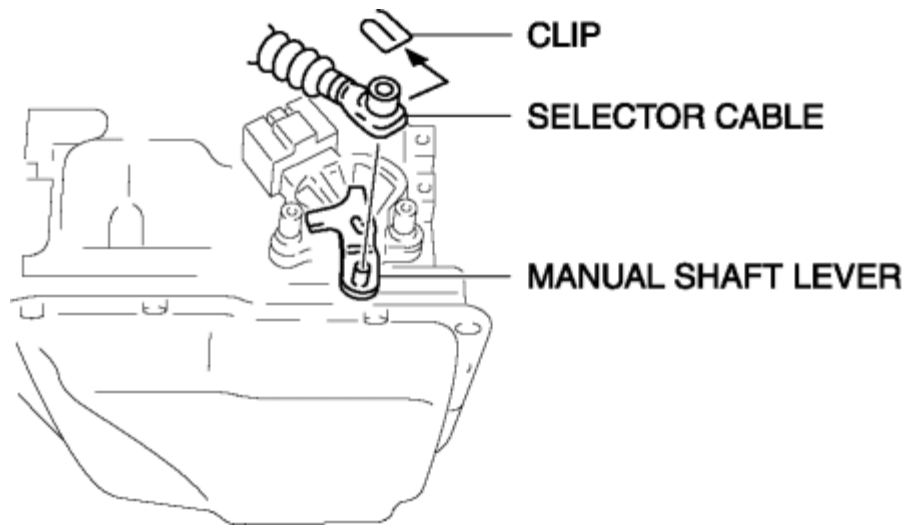
TRANSAXLE RANGE (TR) SWITCH ADJUSTMENT [FS5A-EL]

CAUTION:

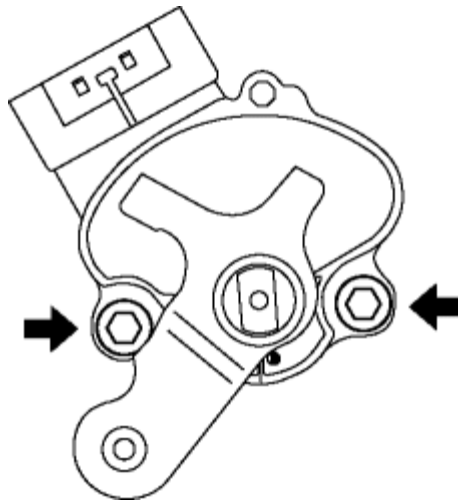
- Water or foreign objects entering the connector can cause a poor connection or corrosion. Be sure not to drop water or foreign objects on the connector when disconnecting it.
1. Engage the parking brake and use wheel chocks at the front and rear of the wheels.
 2. Shift the selector lever to N position.
 3. Disconnect the TR switch connector.
 - a. Disconnect the negative battery cable.
 - b. Remove the air cleaner component. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
 - c. Disconnect the TR switch connector.



4. Loosen the TR switch.
 - a. Remove the aerodynamic under cover NO.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION](#).)
 - b. Remove the clip from the selector cable and disconnect the selector cable from manual shaft lever.

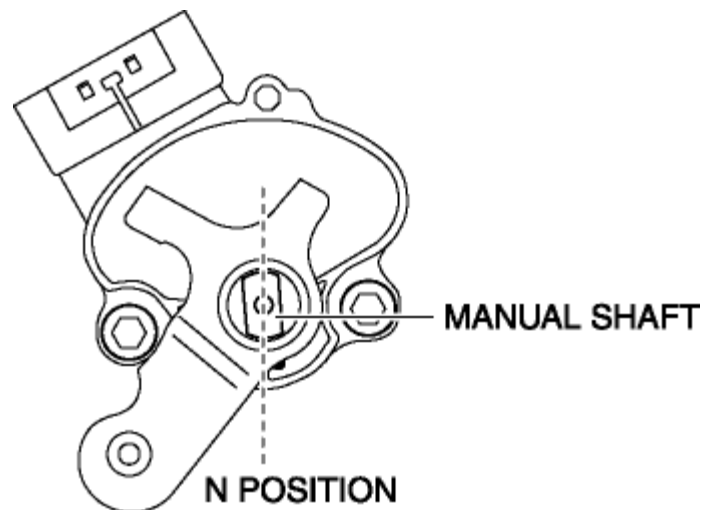


c. Loosen the TR switch installation bolts.



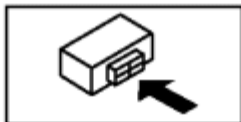
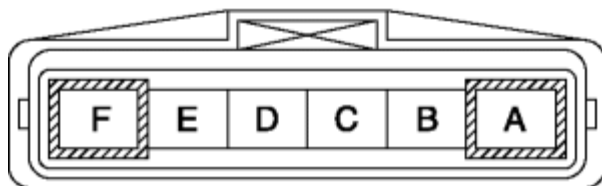
5. Adjust the TR switch.

a. Verify that the manual shaft is aligned with N position.



b. Adjust the TR switch between terminals B and C until the resistance becomes 713 —787 ohms.

TR SWITCH



c. Tighten the TR switch installation bolts.

Tightening torque

- 8—11 N·m {82—112 kgf·cm, 71—97 in·lbf}

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

[Back to Top](#)

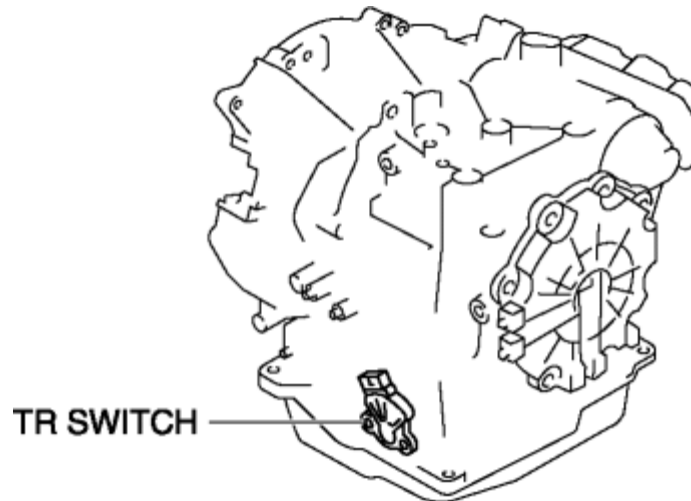
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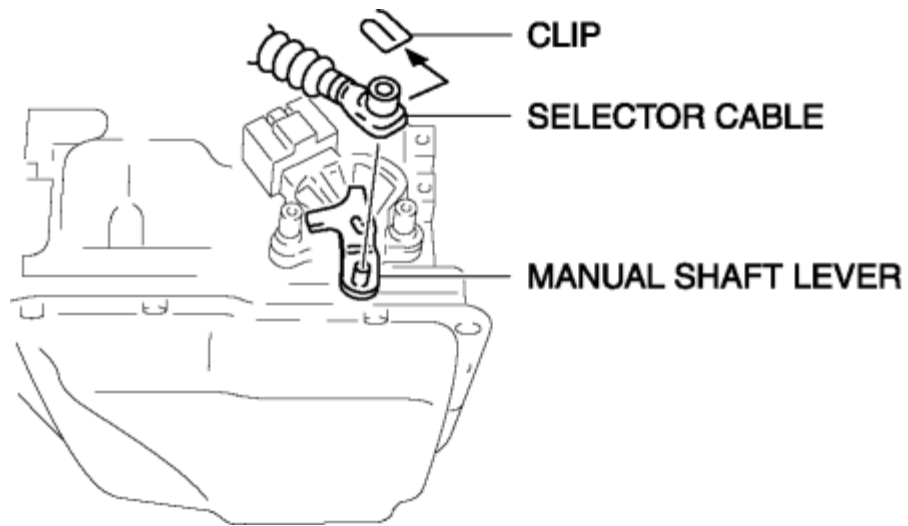
TRANSAXLE RANGE (TR) SWITCH ADJUSTMENT [FS5A-EL]

CAUTION:

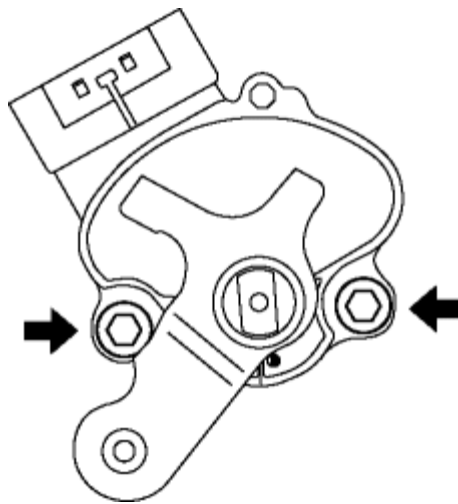
- Water or foreign objects entering the connector can cause a poor connection or corrosion. Be sure not to drop water or foreign objects on the connector when disconnecting it.
1. Engage the parking brake and use wheel chocks at the front and rear of the wheels.
 2. Shift the selector lever to N position.
 3. Disconnect the TR switch connector.
 - a. Disconnect the negative battery cable.
 - b. Remove the air cleaner component. (See [INTAKE-AIR SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
 - c. Disconnect the TR switch connector.



4. Loosen the TR switch.
 - a. Remove the aerodynamic under cover NO.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION](#).)
 - b. Remove the clip from the selector cable and disconnect the selector cable from manual shaft lever.

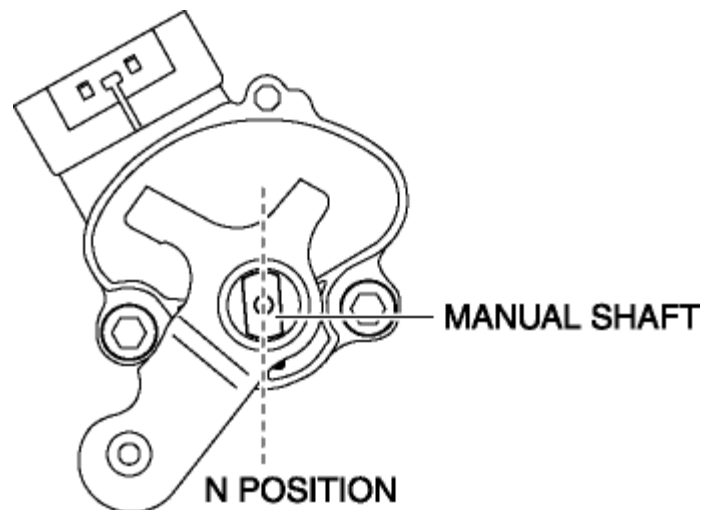


c. Loosen the TR switch installation bolts.



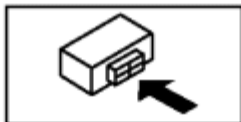
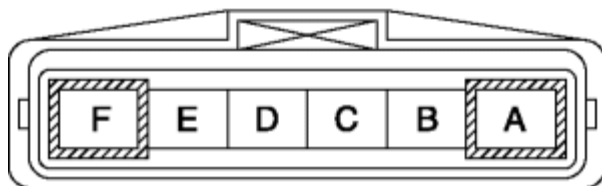
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[< Previous](#) [Next >](#)

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