

TRANSAXLE RANGE (TR) SWITCH INSPECTION

B3E051719440W01

Operating Inspection

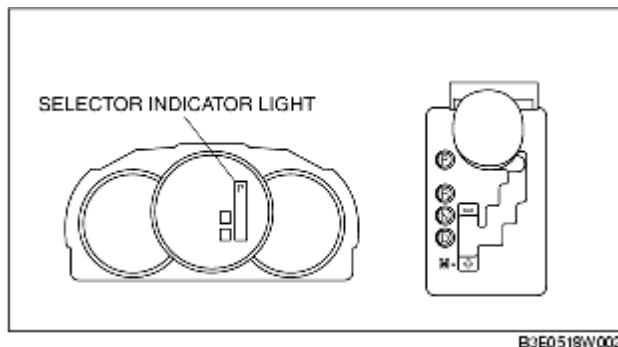
1. Verify that the starter operates only when the ignition switch is turned to the START position with the selector lever in P or N position.

- If there is any malfunction, adjust the TR switch.

2. Verify that the back-up lights illuminate when shifted to R position with the ignition switch at the ON position.

- If there is any malfunction, adjust the TR switch.

3. Verify that the positions of the selector lever and the indicator are aligned.



- If there is any malfunction, adjust the TR switch.

Continuity Inspection

Caution

- Water or foreign material entering the connector can cause a poor connection or corrosion. Be sure not to drop water or foreign material on the connector when disconnecting it.

1. Remove the battery cover. (See [BATTERY REMOVAL/INSTALLATION \[ZJ, Z6\]](#).) (See [BATTERY REMOVAL/INSTALLATION \[LF\]](#).)

2. Disconnect the negative battery cable.

3. Remove the under cover.

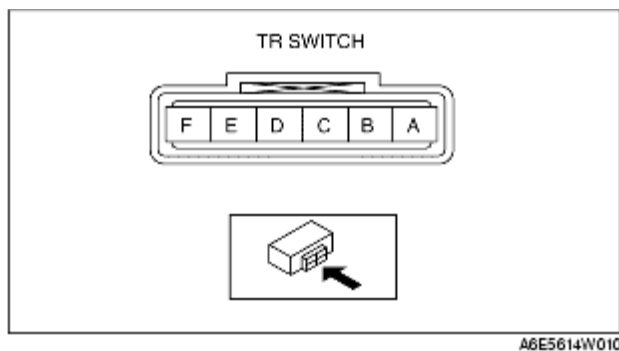
4. Disconnect the TR switch connector.

5. Verify that the continuity is as indicated in the table.

○—○ : Continuity

Position/Range	Connector terminal			
	A	F	D	E
P	○—○			
R			○—○	
N	○—○			
D				

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- If there is any malfunction, adjust the TR switch and go to Step 5.

6. Reinspect for continuity at TR switch.

- If there is any malfunction, replace the TR switch. (See [TRANSAXLE RANGE \(TR\) SWITCH REMOVAL/INSTALLATION](#).)

7. Connect the TR switch connector.

8. Install the under cover.

9. Connect the negative battery cable.

10. Install the battery cover. (See [BATTERY REMOVAL/INSTALLATION \[ZJ, Z6\]](#).) (See [BATTERY REMOVAL/INSTALLATION \[LF\]](#).)

Resistance Inspection (On-Vehicle Inspection)

Caution

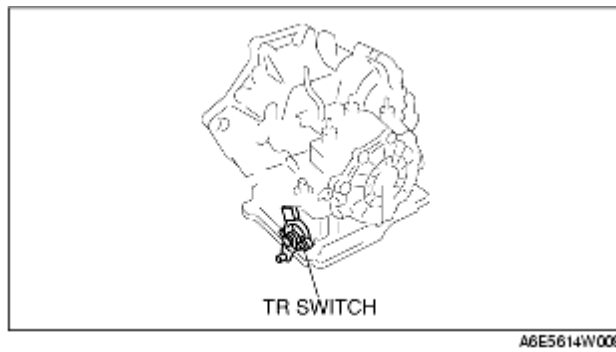
- Water or foreign material entering the connector can cause a poor connection or corrosion. Be sure not to drop water or foreign material on the connector when disconnecting it.

1. Remove the battery cover. (See [BATTERY REMOVAL/INSTALLATION \[ZJ, Z6\]](#).) (See [BATTERY REMOVAL/INSTALLATION \[LF\]](#).)

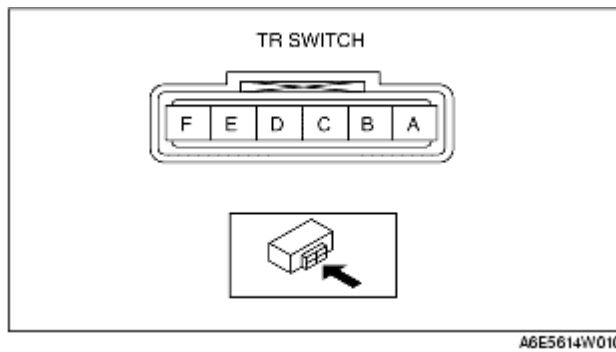
2. Disconnect the negative battery cable.

3. Remove the under cover.

4. Disconnect the TR switch connector.



5. Measure the resistance between the following terminals.



- If there is any malfunction, inspect the ground, then perform the operating inspection.

Terminal	Position/Range	Resistance (ohm)
B-C	P	4,085-4,515
	R	1,425-1,575
	N	713-788
	D	371-409

6. Connect the TR switch connector.

7. Install the under cover.

8. Connect the negative battery cable.

9. Install the battery cover. (See [BATTERY REMOVAL/INSTALLATION \[ZJ, Z6\]](#).) (See [BATTERY REMOVAL/INSTALLATION \[LF\]](#).)