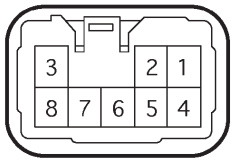
ON-VEHICLE INSPECTION

1. INSPECT VOLTAGE INVERTER ASSEMBLY

(a) Inspect the voltage inverter assembly.

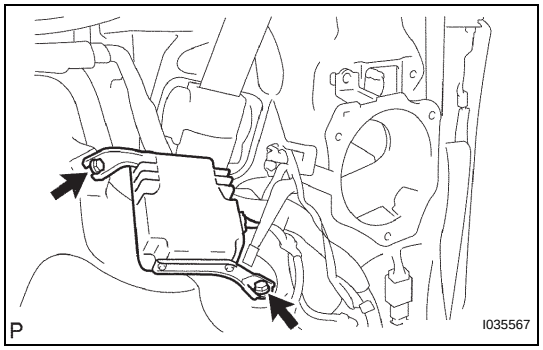


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Tester connection	Condition	Specified condition
1 - 4	IG switch ON	10 to 16 V
3 - 4	IG switch ON, main switch ON	Pulse generation
4 - Body Ground	Always	Continuity
7 - 4	IG switch ON, main switch ON	Pulse generation

REMOVAL

1. **REMOVE REAR DOOR SCUFF PLATE LH (See page IR-7)**
2. **REMOVE REAR DOOR WEATHERSTRIP LH (See page IR-7)**
3. **REMOVE BACK DOOR WEATHERSTRIP**
4. **REMOVE BACK DOOR SCUFF PLATE (See page IR-8)**
5. **REMOVE QUARTER TRIM FRONT PANEL ASSEMBLY LH (See page IR-9)**
6. **REMOVE VOLTAGE INVERTER ASSEMBLY**
   (a) Disconnect the connector.
   (b) Remove the 2 bolts and the voltage inverter assembly.



INSPECTION

1. **INSPECT INVERTER MAIN SWITCH**
   (a) Inspect the continuity between terminal at the each switch position shown in the chart.

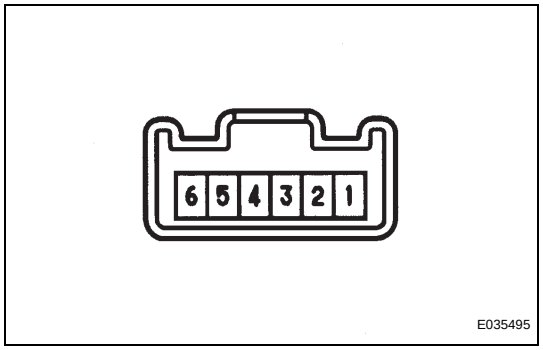
Switch operation	Tester connection	Specified condition
OFF	3 - 2	No continuity
ON	3 - 2	Continuity

If continuity is not as specified, replace the main switch assembly.

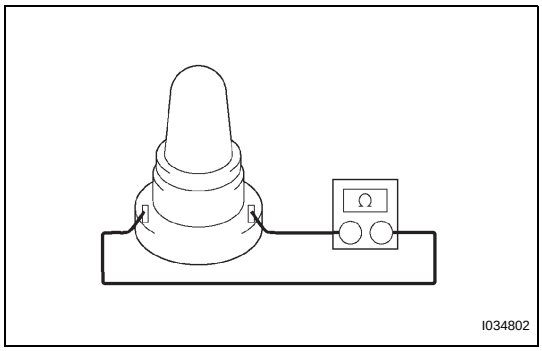
   (b) Inspect the bulb state when connecting the battery to each terminal.

Inspection item	Battery connection	Specified condition
Indicator	Battery positive terminal - 3 Battery negative terminal - 5	Comes on
Illumination	Battery positive terminal - 4 Battery negative terminal - 1	Comes on

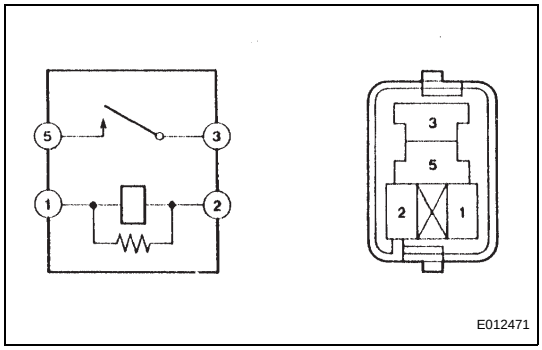
If operation is not as specified, check the faulty bulb.



AV



(c) Inspect continuity of the bulb by connecting the tester as shown in the illustration.
If continuity exists, replace the main switch assembly.
If no continuity exists, replace the bulb.

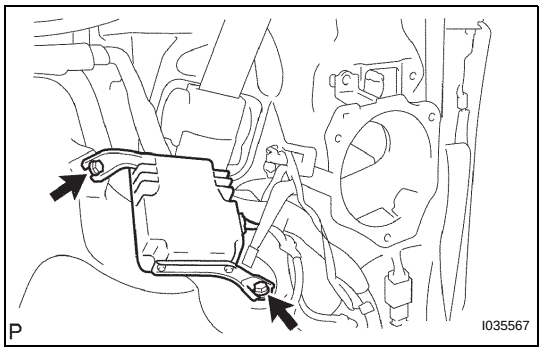


2. INSPECT INVERTER RELAY

(a) Inspect continuity between terminal at the each switch position shown in the chart.

Condition	Tester connection	Specified condition
Always	1 - 2	Continuity
Always	3 - 5	No continuity
Apply B+ between terminal 1 and 2	3 - 5	Continuity

If continuity is not as specified, replace the point socket relay.



INSTALLATION

1. INSTALL VOLTAGE INVERTER ASSEMBLY

(a) Install the voltage inverter assembly with the 2 bolts.
Torque: 5.4 N*m (55 kgf*cm, 47 in.*lbf)
NOTICE:
Tighten the bolts in order shown in the illustration to in the voltage inverter assembly.

2. INSTALL QUARTER TRIM FRONT PANEL ASSEMBLY LH

3. INSTALL BACK DOOR SCUFF PLATE

4. INSTALL BACK DOOR WEATHERSTRIP

5. INSTALL REAR DOOR WEATHERSTRIP LH

6. INSTALL REAR DOOR SCUFF PLATE LH