

## INSPECTION

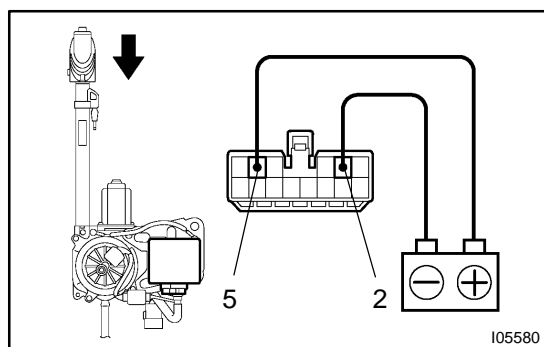
### 1. Auto Antenna Models:

#### INSPECT ANTENNA MOTOR

- Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 5.
- Check that the motor turns (moves upward).

#### NOTICE:

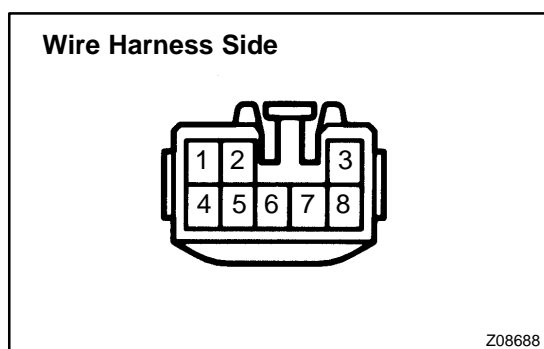
**These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.**



- Then, reverse the polarity, check that the motor turns the opposite way (moves downward).

#### NOTICE:

**These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.**



### 2. Auto Antenna Models:

#### INSPECT ANTENNA MOTOR CONTROL RELAY CIRCUIT

Disconnect the connector from the relay and inspect the connector on wire harness side, as shown in the chart below.

Tester connection	Condition	Specified condition
7 – Ground	Constant	Continuity
1 – Ground	Ignition switch ACC or ON, and radio switch ON and Others	No voltage
1 – Ground	Ignition switch ACC or ON, and radio switch ON and AM	Battery positive voltage
2 – Ground	Ignition switch ACC or ON, and radio or tape or CD switch OFF	No voltage
2 – Ground	Ignition switch ACC or ON, and radio or tape or CD switch ON	Battery positive voltage
3 – Ground	Constant	Battery positive voltage
4 – Ground	Ignition switch ACC or ON, and radio switch ON and Others	No voltage
4 – Ground	Ignition switch ACC or ON, and radio switch ON and AM or FM (87.9 – 96.0 MHz)	Battery positive voltage
5 – Ground	Ignition switch ACC or ON, and radio switch OFF	No voltage
5 – Ground	Ignition switch ACC or ON, and radio switch ON	Battery positive voltage

**BODY ELECTRICAL – ANTENNA**

6 – Ground	Ignition switch ACC or LOCK	No voltage
6 – Ground	Ignition switch ON	Battery positive voltage
8 – Ground	Ignition switch LOCK	No voltage
8 – Ground	Ignition switch ACC or ON	Battery positive voltage

If circuit is as specified, replace the relay.