

INSPECTION

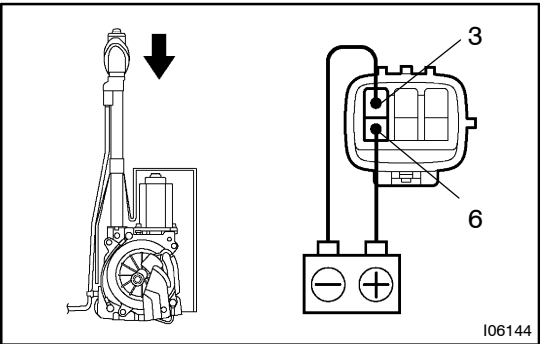
1. Auto Antenna Models:

INSPECT ANTENNA MOTOR

- (a) Connect the positive (+) lead from the battery to terminal 3 and the negative (-) lead to terminal 6.
- (b) Check that the motor turns (moves upward).

NOTICE:

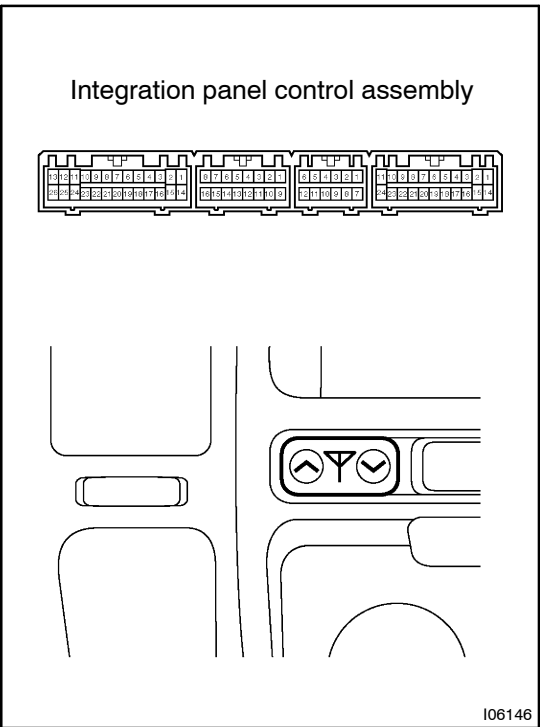
These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.



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

NOTICE:

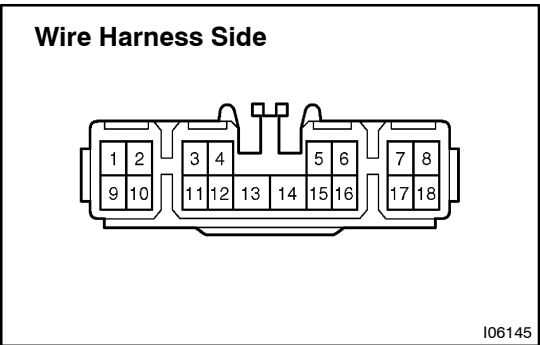
These tests must be done quickly (within 3 – 5 seconds) to prevent the coil from burning out.



2. INSPECT ANTENNA SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
UP button FREE	18 – 22	No continuity
UP button Pushed in	18 – 22	Continuity
DOWN button FREE	17 – 22	No continuity
DOWN button Pushed in	17 – 22	Continuity

If continuity is not as specified, replace the switch.



3. 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.

BODY ELECTRICAL - ANTENNA

Tester connection	Condition	Specified condition
1 - Ground	Antenna "UP" switch OFF	No continuity
1 - Ground	Antenna "UP" switch ON	Continuity
5 - Ground	Constant	Continuity
9 - Ground	Antenna "DOWN" switch OFF	No continuity
9 - Ground	Antenna "DOWN" switch ON	Continuity
4 - Ground	Constant	Battery positive voltage
7 - Ground	Ignition switch ACC or LOCK	No voltage
7 - Ground	Ignition switch ON	Battery positive voltage
17 - Ground	Ignition switch LOCK	No voltage
17 - Ground	Ignition switch ACC or ON	Battery positive voltage

If circuit is as specified, replace the relay.