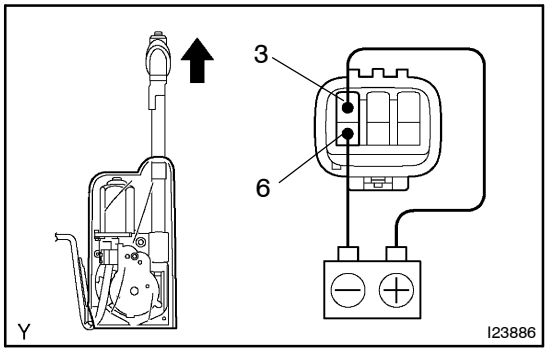
BE0SD–03

INSPECTION



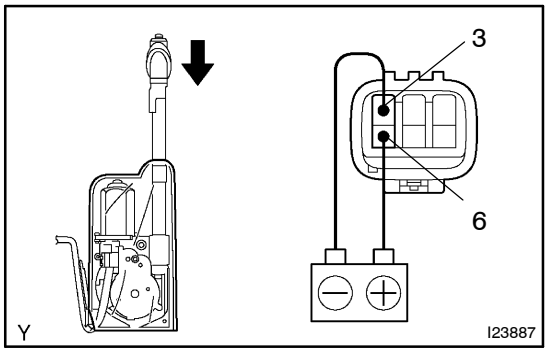
1. INSPECT ANTENNA MOTOR

(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.

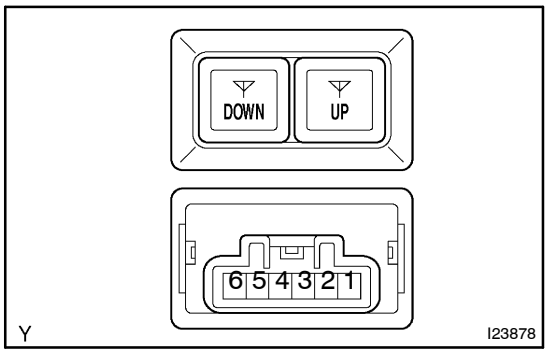


(c) Then, reverse the polarity, check that the motor turns the opposite way (moves downward).

NOTICE:

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

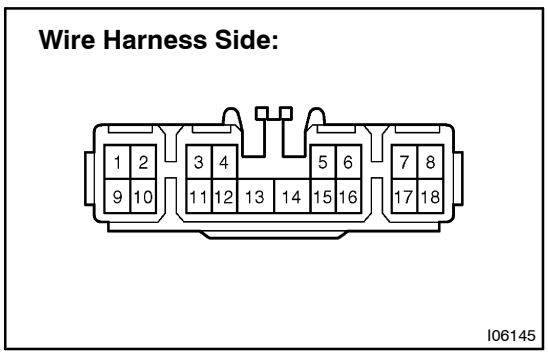
If the operation is not as specified, replace the antenna motor.



2. INSPECT ANTENNA SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
UP button FREE	2 – 5	Continuity
UP button Pushed in	4 – 5	Continuity
DOWN button FREE	2 – 3	Continuity
DOWN button Pushed in	3 – 4	Continuity
Illumination Circuit	1 – 6	Continuity

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



3. INSPECT ANTENNA MOTOR CONTROL RELAY CIRCUIT

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

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 the circuit is as specified, replace the relay.