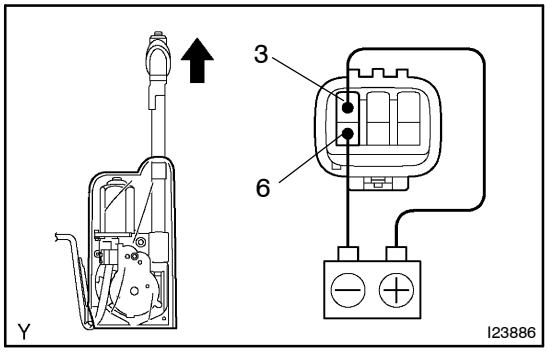
BE0SD–03

# INSPECTION



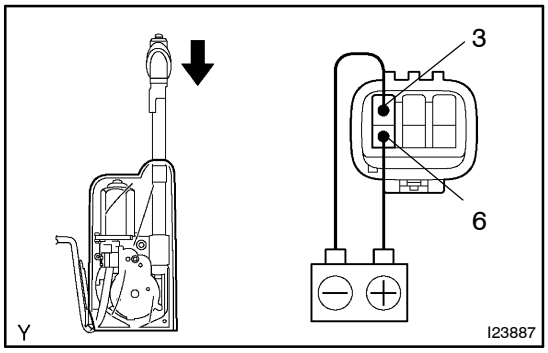

## 1. INSPECT ANTENNA MOTOR

(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.**

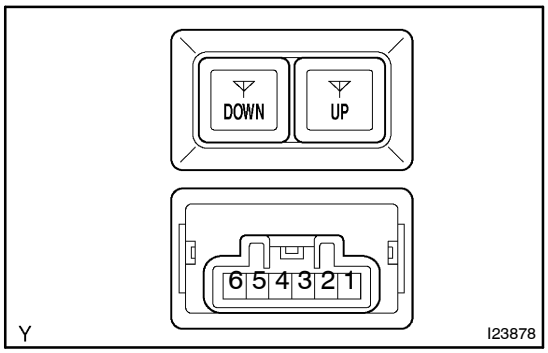



(c) Then, reverse the polarity, check that the motor turns the opposite way (moves downward).

**NOTICE:**

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

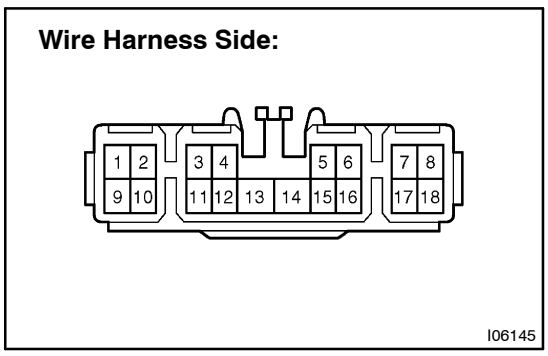
If the operation is not as specified, replace the antenna motor.




## 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.