BE14D–01

INSPECTION

1. INSPECT LUGGAGE CLOSE MOTOR

(a) Check that the motor stops after close operation when connected as shown via heater main relay (90987–04002).

(b) Check that the motor stops after up operation when connected as shown via heater main relay (90987–04002).

2. INSPECT LUGGAGE CLOSER LIMIT SWITCH

Switch position	Tester connection	Specified condition
OPEN (UP LIMIT)	1 – 2	Continuity
MID	1 – 2 – 3	No continuity
CLOSE (DOWN LIMIT)	1 – 3	Continuity

If continuity is not as specified, replace the switch.

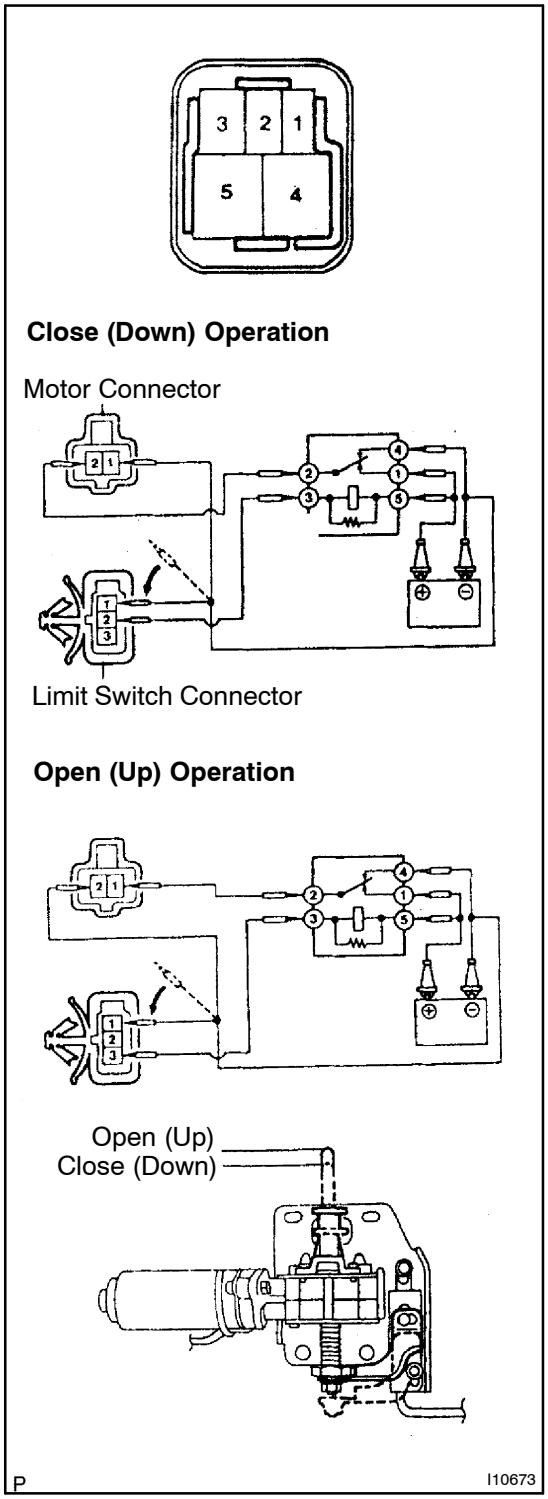
NOTICE:

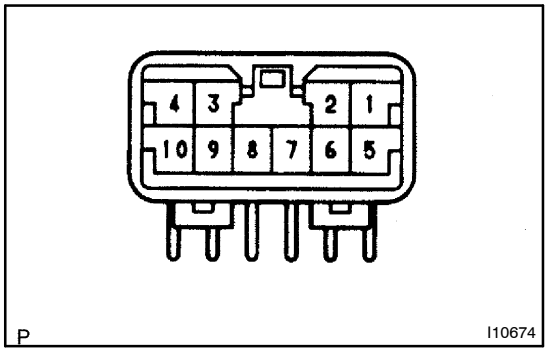
Draw match marks indicating the mounting position when removing the limit switch.

After installation, check and adjust the luggage lid fitting.

HINT:

The fitting varies by the down limit switch OFF position.





3. INSPECT LUGGAGE CLOSER RELAY RH, LH VOLTAGE AND CONTINUITY

Check continuity and voltages between the terminals listed below and body ground. The "Disconnect and check at vehicle side" in the table below means to disconnect the respective connector and check on the vehicle side connector, and "Check with connected connector" means to check with the respective connector being connected.

NOTICE:

Carry out "Connected connector" after the "Disconnect connector at vehicle side."

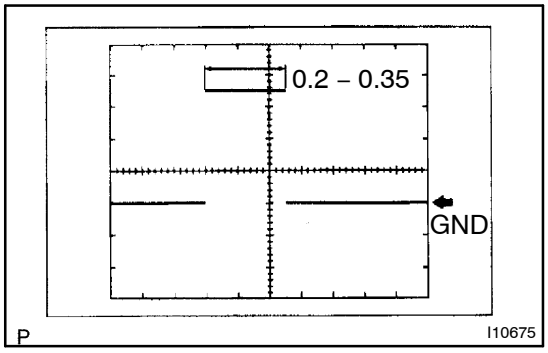
Connector disconnected

Terminal No. Tester ↔ Tester ⊕ ⊖	Measurement condition	Standard
1 ↔ Ground (luggage opener output)	Luggage open switch or that of transmitter OFF → ON	Wave form (7 V or more output for 0.25 sec)
2 ↔ 3 (motor output)	Always	Continuity
4 ↔ Ground (luggage light input)	Always	Battery voltage
5 ↔ Ground (power supply)	Always	Battery voltage
6 ↔ Ground (ratchet switch input)	Luggage lid lock open	Continuity
7 ↔ 9 (down limit switch input)	Close motor at close (down) position → other than close position	Continuity → No continuity
8 ↔ 9 (up limit switch input)	Close motor at open (up) position → other than open position	Continuity → No continuity
10 ↔ Ground (GND)	Always	Continuity

Connector disconnected

Terminal No. Tester ↔ Tester ⊕ ⊖	Measurement condition	Standard
2 ↔ Ground (closer down output)	Door lock OPEN → LOCK at closer motor open (up) position	Battery voltage
3 ↔ Ground (closer up output)	Door lock LOCK → OPEN at closer motor close (down) position	Battery voltage

*: Being output until limit switch ON → OFF or for 15 sec after output.



Reference

- Measurement terminals: B3 ↔ C3
- Oscilloscope setting: 2 V/DIV, 0.1 s/DIV
- Measurement condition: Opening switch OFF → OPEN