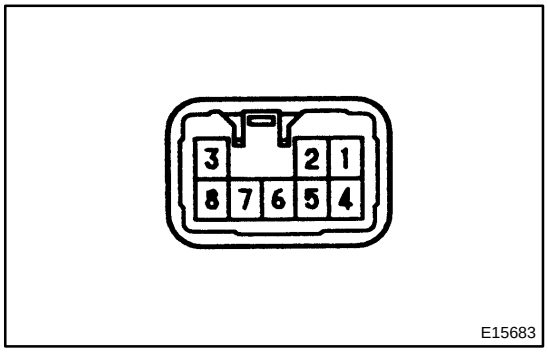
650HI–02

ON–VEHICLE INSPECTION



1. INSPECT TURN SIGNAL FLASHER CIRCUIT

(a) Disconnect the connector from the turn signal flasher and inspect the connector on wire harness side as shown in the chart.

Standard:

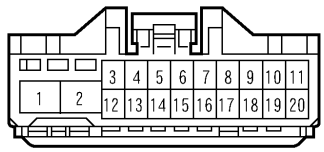
Tester connection	Condition	Specified condition
7 – Ground	Constant	Continuity
1 – Ground	Turn ignition switch ON	Battery positive voltage
1 – Ground	Turn ignition switch OFF	No voltage
4 – Ground	Constant	Battery positive voltage

(b) Connect the connector to the turn signal flasher and inspect the wire harness side connector from the back side as shown in the chart.

Standard:

Tester connection	Condition	Specified condition
2 – Ground	Hazard switch OFF → ON	0 V → 0 ⇔ 9 V (60 to 120 time per minute)
2 – Ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ⇔ 9 V (60 to 120 time per minute)
3 – Ground	Hazard switch OFF → ON	0 V → 0 ⇔ 9 V (60 to 120 time per minute)
3 – Ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ⇔ 9 V (60 to 120 time per minute)
5 – Ground	Turn signal switch (left turn) OFF → ON	Above 9 V → 0 V
6 – Ground	Turn signal switch (right turn) OFF → ON	Above 9 V → 0 V
8 – Ground	Hazard switch OFF → ON	Above 9 V → 0 V

Wire Harness Side:



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2. INSPECT DAYTIME RUNNING LIGHT MAIN RELAY CIRCUIT

(a) Disconnect the connector from the relay and inspect the connector on the wire harness side.

Standard:

Tester connection	Condition	Specified condition
2, 5, 6 – Ground	Constant	Continuity
1, 7 – Ground	Light control switch OFF or TAIL	No continuity
	Light control switch HEAD	Continuity
16 – Ground	Headlight dimmer switch LOW beam	No continuity
	Headlight dimmer switch HI beam or FLASH	Continuity
10 – Ground	Brake fluid level warning switch OFF	No continuity
	Brake fluid level warning switch ON	Continuity
11 – Ground	Parking brake switch OFF (Parking brake lever sub–assy released)	No continuity
	Parking brake switch ON (Parking brake lever sub–assy depressed)	Continuity
15 – Ground	Light control switch OFF	No continuity
	Light control switch TAIL or HEAD	Continuity
1 – Ground	Constant	No voltage
	Ground terminal 6	Battery positive voltage
8 – Ground	Engine stopped	No voltage
	Engine running	Battery positive voltage
4 – Ground	Fog light switch ON	Battery positive voltage
	Constant	No voltage
13 – Ground	Constant	No voltage
	Ground terminal 6	Battery positive voltage
3 – Ground	Constant	Battery positive voltage
12 – Ground	Ignition switch ON or START	Battery positive voltage
	Ignition switch LOCK or ACC	No voltage

If circuit is specified, try replacing the relay with a new one.
If circuit is not as specified, inspect the circuits connected to other parts.

3. ILLUMINATED ENTRY SYSTEM OPERATION CHECK

HINT:

The lights that is lit in the illuminated entry system are room lamp assy No.1 (center and rear) and key cylinder lamp.

(a) Turn the ignition switch to OFF, close all the doors, and set the driver side door in the lock condition.
(b) Unlock the driver side door and open any door, and check that the lights go on. Close the door and check that the lights go off in about 15 seconds.
(c) Turn the ignition switch to ON and open and close any door. Check that the light goes off immediately.
(d) Turn the ignition switch to OFF.
(e) Open and close any door to turn on the lights. Before the lights go off in about 15 seconds, turn the ignition switch to ON. Check that the lights go off immediately.
(f) Turn the ignition switch to OFF.
(g) Open and close any door to turn on the lights. Before the lights go off in about 15 seconds, lock the driver side door. Check that the lights go off immediately.