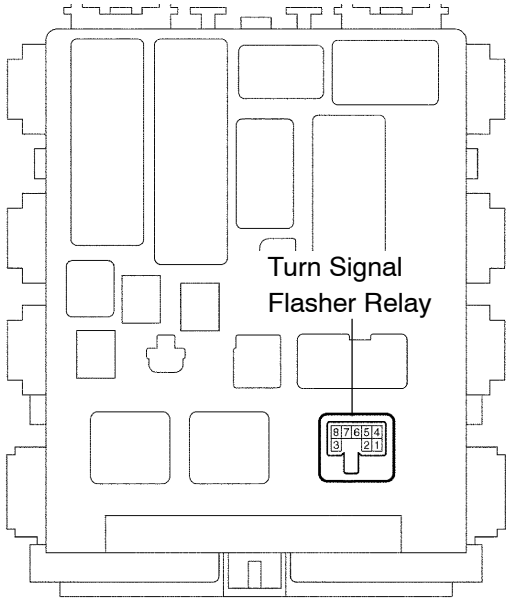
ON–VEHICLE INSPECTION

Instrument Panel Junction Block Assy
Front View:



650TQ–02

1. INSPECT TURN SIGNAL FLASHER OPERATION

(a) Power source circuit and ground circuit inspection.

(1) Remove the turn signal flasher relay from the instrument panel junction block assy.

(2) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 – Body ground	Ignition switch ON	10 to 14 V
4 – Body ground	Always	10 to 14 V

(3) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
7 – Body ground	Always	Below 1 Ω

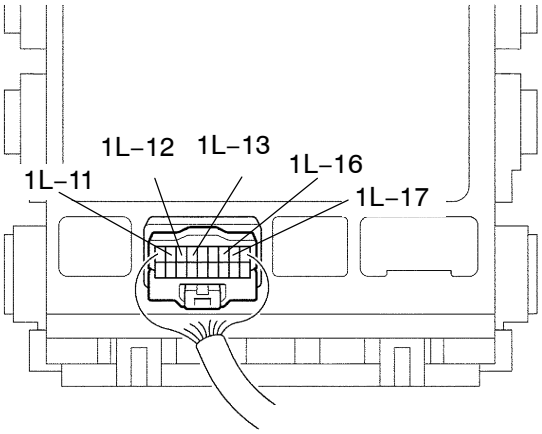
(b) Output operation signal inspection.
(1) Install the turn signal flasher relay to the instrument panel junction block assy.
(2) Measure the voltage according to the value(s) in the table below.

Standard:

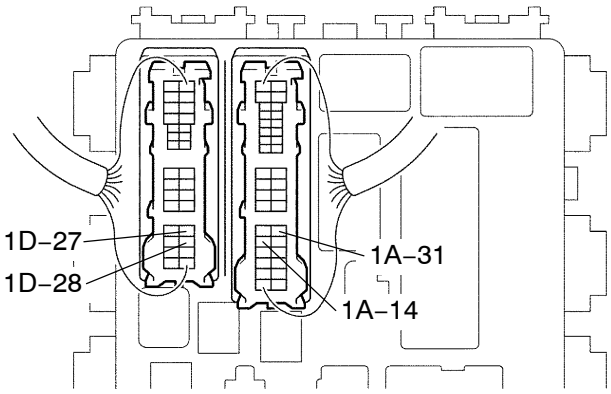
Tester connection	Condition	Specified condition
1A–14 – Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A–14 – Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A–31 – Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1A–31 – Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D–27 – Body ground	Hazard warning signal OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D–27 – Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D–28 – Body ground	Hazard warning signal OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1D–28 – Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L–11 – Body ground	Turn signal switch (left turn) OFF → ON	Above 9 V → 0 V
1L–12 – Body ground	Turn signal switch (right turn) OFF → ON	Above 9 V → 0 V
1L–13 – Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L–13 – Body ground	Turn signal switch (left turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L–16 – Body ground	Hazard warning switch OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L–16 – Body ground	Turn signal switch (right turn) OFF → ON	0 V → 0 ↔ above 9 V (60 to 120 times per minutes)
1L–17 – Body ground	Hazard warning switch OFF → ON	Above 9 V → 0 V

Instrument Panel Junction Block Assy:

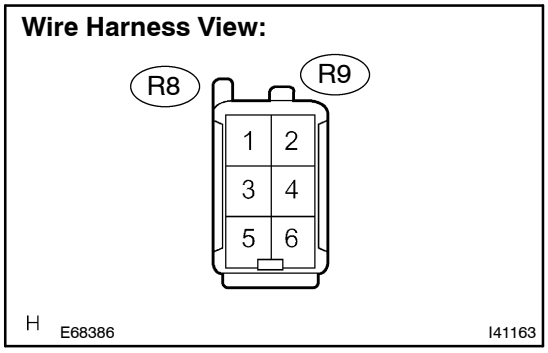
Front View:



Rear View:



P I40818

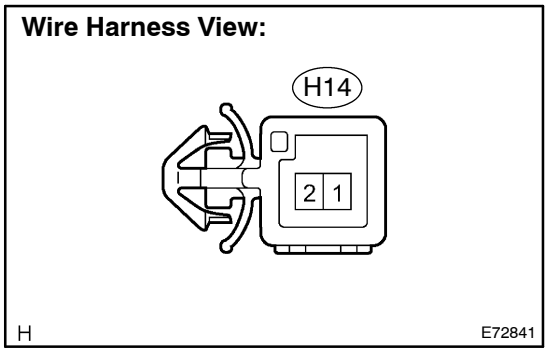


2. REAR COMBINATION LAMP

(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
2 – 5	Brake pedal released	Below 1 V
2 – 5	Brake pedal depressed	10 to 14 V

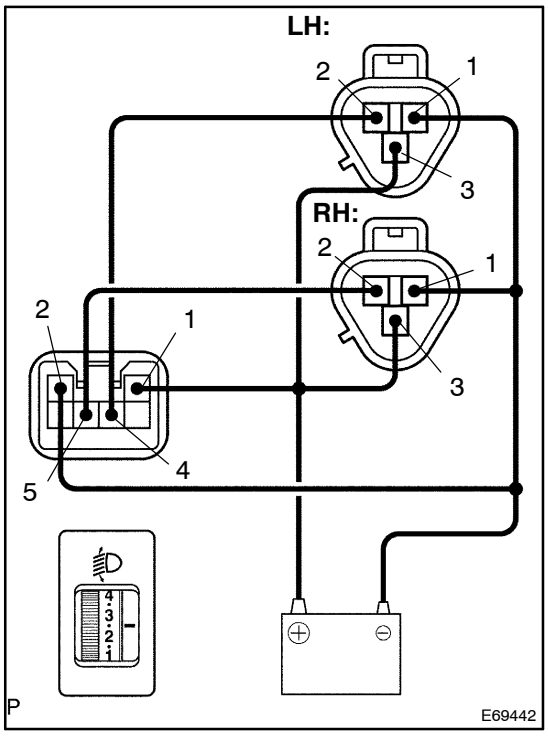


3. HIGH MOUNTED STOP LAMP

(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 – 2	Brake pedal released	Below 1 V
1 – 2	Brake pedal depressed	10 to 14 V



4. INSPECT HEADLAMP ASSY (HEADLIGHT BEAM LEVEL CONTROL ACTUATOR OPERATION)

(a) Disconnect the headlamp beam level control actuator connector.

(b) Connect the positive (+) lead from the battery to headlamp leveling switch terminal 1 and negative (–) lead to headlamp leveling switch terminal 2.

(c) Connect the positive (+) lead from the battery to each of headlamp beam level control actuator terminal 1 and negative (–) lead to each of headlamp beam level control actuator terminal 3.

(d) Connect the headlamp leveling switch terminal 4 and LH side headlamp beam level control actuator terminal 2.

(e) Connect the headlamp leveling switch terminal 5 and RH side headlamp beam level control actuator terminal 2.

(f) Inspect the headlamp beam level control actuator operation when headlamp leveling switch is operated.