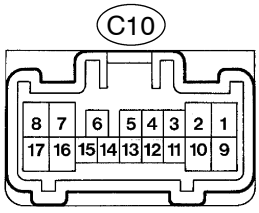
6514H–01

INSPECTION

Connector Front View:



E11948

1. HEADLAMP DIMMER SWITCH ASSY

(a) Inspect light control switch.

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

Standard:

Tester connection	Condition	Specified condition
9 – 13 9 – 14 9 – 15	OFF	10 kΩ or higher
9 – 15	TAIL	Below 1 Ω
9 – 14 9 – 15	HEAD	Below 1 Ω
9 – 13	AUTO	Below 1 Ω

(b) Inspect headlamp dimmer switch.

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

Standard:

Tester connection	Condition	Specified condition
9 – 10	LOW	Below 1 Ω
2 – 9	HIGH	Below 1 Ω
1 – 9 2 – 9	FLASH	Below 1 Ω

(c) Inspect turn signal flasher switch.

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

Standard:

Tester connection	Condition	Specified condition
7 – 8	Right turn	Below 1 Ω
6 – 7 7 – 8	Neutral	10 kΩ or higher
6 – 7	Left turn	Below 1 Ω

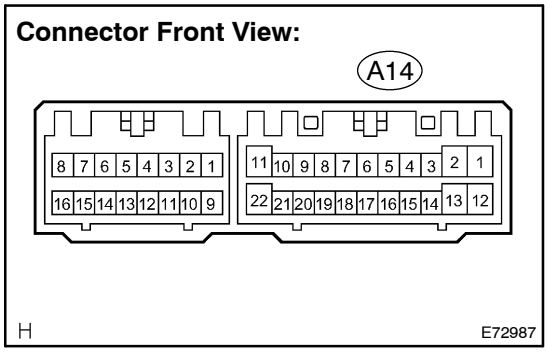
(d) w/ Front Fog Lamp:

Inspect front fog light switch.

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

Standard:

Tester connection	Condition	Specified condition
9 – 11	OFF	10 kΩ or higher
9 – 11	ON	Below 1 Ω



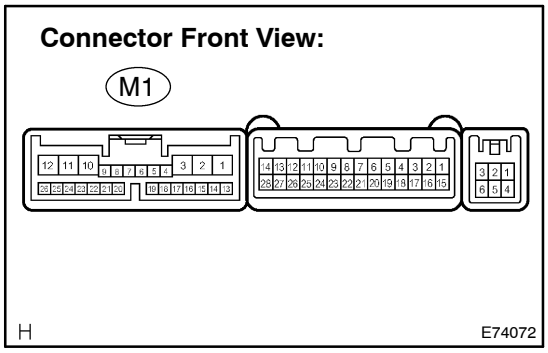
2. HAZARD WARNING SWITCH ASSY

(a) w/o navigation system:

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

Standard:

Tester connection	Condition	Specified condition
A14–8 – A14–11	OFF	10 kΩ or higher
A14–8 – A14–11	ON	Below 1 Ω

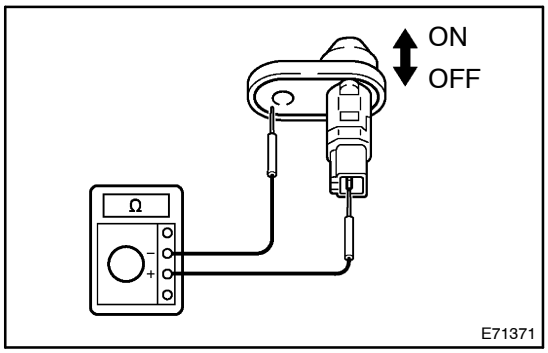


(b) w/ navigation system:

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

Standard:

Tester connection	Condition	Specified condition
M1–3 – M1–8	OFF	10 kΩ or higher
M1–3 – M1–8	ON	Below 1 Ω

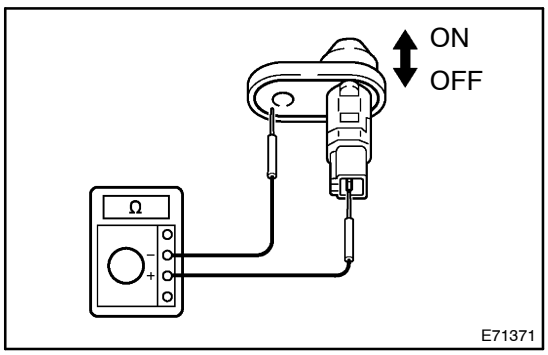


3. FRONT DOOR COURTESY LAMP SWITCH ASSY

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

Standard:

Tester connection	Condition	Specified condition
1 – Body ground	OFF (When shaft is pressed)	10 kΩ or higher
1 – Body ground	ON (When shaft is not pressed)	Below 1 Ω

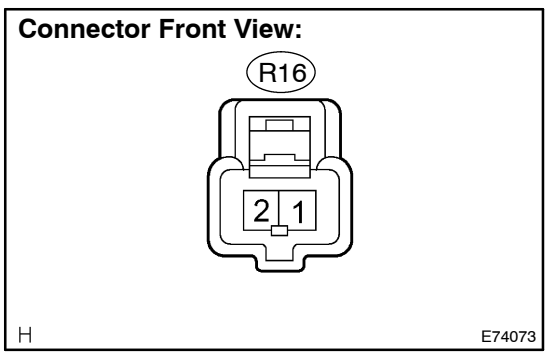


4. REAR DOOR COURTESY LAMP SWITCH ASSY

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

Standard:

Tester connection	Condition	Specified condition
1 – Body ground	OFF (When shaft is pressed)	10 kΩ or higher
1 – Body ground	ON (When shaft is not pressed)	Below 1 Ω



5. BACK DOOR LOCK ASSY

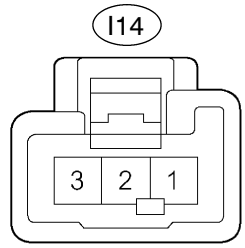
(a) Inspect back door courtesy lamp switch assy.

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

Standard:

Tester connection	Condition	Specified condition
1 – 2	Back door is closed	10 kΩ or higher
1 – 2	Back door is open	Below 1 Ω

Connector Front View:



H E50228 E69434

6. ROOM LAMP ASSY NO.1

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

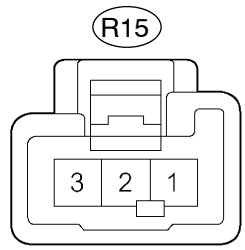
Standard:

Tester connection	Condition	Specified condition
1 – 2 1 – 3	OFF	10 kΩ or higher

(b) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2, then check that the lamp comes on when the switch is in the DOOR position.

(c) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 3, then check that the lamp comes on when the switch is in the ON position.

Connector Front View:



H E50228 E69434

7. ROOM LAMP ASSY NO.2

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

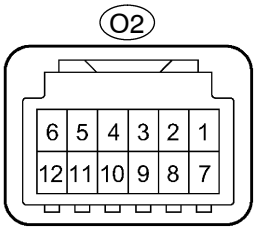
Standard:

Tester connection	Condition	Specified condition
1 – 2 1 – 3	OFF	10 kΩ or higher

(b) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2, then check that the lamp comes on when the switch is in the DOOR position.

(c) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 3, then check that the lamp comes on when the switch is in the ON position.

Connector Front View:



H E72986

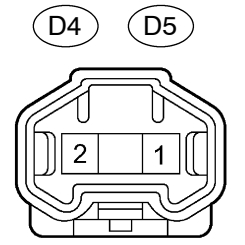
8. MAP LAMP ASSY

(a) Inspect the map lamp in the overhead J/B.

(1) Connect the positive (+) lead from the battery to terminal 12 and the negative (–) lead to terminal 1, then check that the lamp comes on when the switch is in the ON position.

(2) Connect the positive (+) lead from the battery to terminal 12 and the negative (–) lead to terminal 7, then check that the lamp comes on when the switch is in the DOOR position.

Connector Front View:



H E69342

9. COURTESY LAMP ASSY

(a) Connect the positive (+) lead from the battery to terminal 1 and the negative (–) lead to terminal 2, then check that the lamp comes on.

10. LH VISOR ASSY

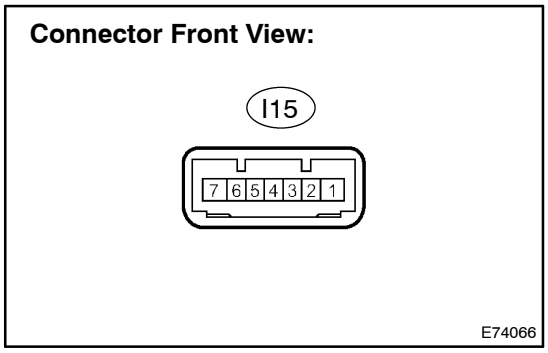
(a) Connect the positive (+) lead from the battery to one of the terminals and the negative (–) lead to other terminal, then check that the lamp comes on when the switch is in the ON position.

11. RH VISOR ASSY

(a) Connect the positive (+) lead from the battery to one of the terminals and the negative (–) lead to other terminal, then check that the lamp comes on when the switch is in the ON position.

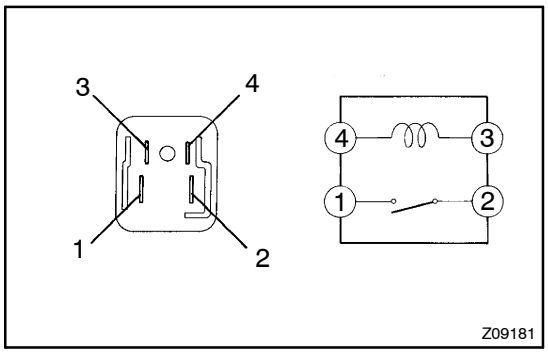
12. GLOVE BOX LAMP ASSY

(a) Connect the positive (+) lead from the battery to one of the terminals and the negative (–) lead to other terminal, then check that the lamp comes on when the switch is in the ON position.



13. KEY CYLINDER LAMP

(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 6, then check that the lamp comes on.

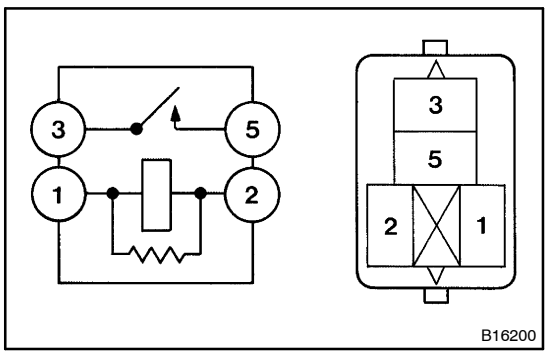


14. HEADLAMP RELAY

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

Standard:

Tester connection	Specified condition
1 – 2	10 kΩ or higher
1 – 2	Below 1 Ω (When battery voltage is applied to terminals 3 – 4)

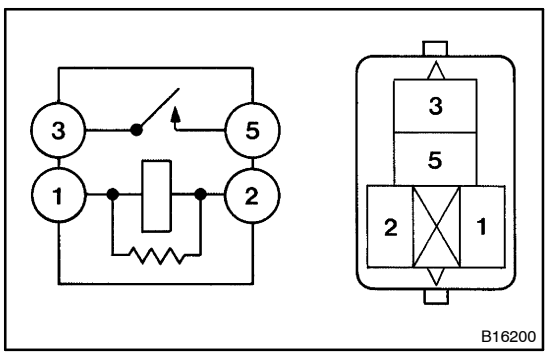


15. TAIL LAMP RELAY

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

Standard:

Tester connection	Specified condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (When battery voltage is applied to terminals 1 – 2)

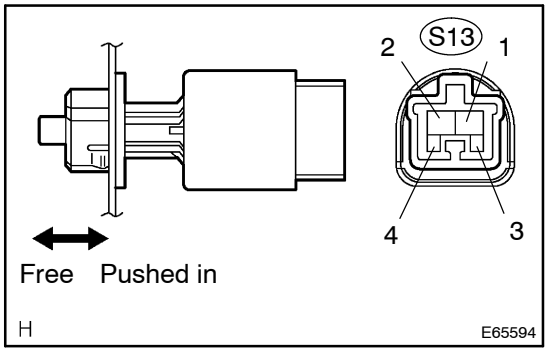


16. FOG LAMP RELAY

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

Standard:

Tester connection	Specified condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (When battery voltage is applied to terminals 1 – 2)



17. STOP LAMP SWITCH ASSY

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

Standard:

Tester connection	Switch position	Specified resistance
1 – 2	Switch pin free	Below 1 Ω
3 – 4	Switch pin free	10 kΩ or higher
1 – 2	Switch pin pushed in	10 kΩ or higher
3 – 4	Switch pin pushed in	Below 1 Ω