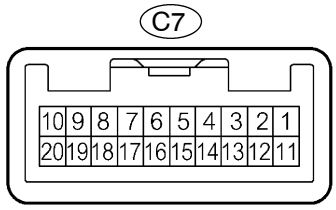
65118–01

INSPECTION

Connector Front View:



H

E68152

1. HEADLAMP DIMMER SWITCH ASSY (LH POSITION)

(a) Inspect light control switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
12 – 18 12 – 20	OFF	10 kΩ or higher
12 – 18	TAIL	Below 1 Ω
12 – 18 12 – 20	HEAD	Below 1 Ω

(b) Inspect headlight dimmer switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
12 – 17	FLASH	Below 1 Ω
11 – 12 12 – 17	LOW BEAM	10 kΩ or higher
11 – 12	HIGH BEAM	Below 1 Ω

(c) Inspect turn signal switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
12 – 13	Right turn	Below 1 Ω
12 – 13 12 – 15	Neutral	10 kΩ or higher
12 – 15	Left turn	Below 1 Ω

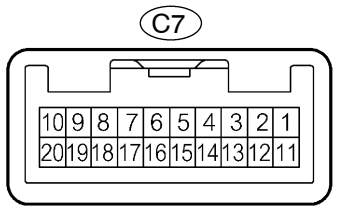
(d) Inspect fog lamp switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
2 – 3 3 – 4	OFF	10 kΩ or higher
3 – 4	Front fog lamp switch ON	Below 1 Ω
2 – 3 3 – 4	Rear fog lamp switch ON	Below 1 Ω

Connector Front View:



H

E68152

2. HEADLAMP DIMMER SWITCH ASSY (RH POSITION)

(a) Inspect light control switch continuity.

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

Standard:

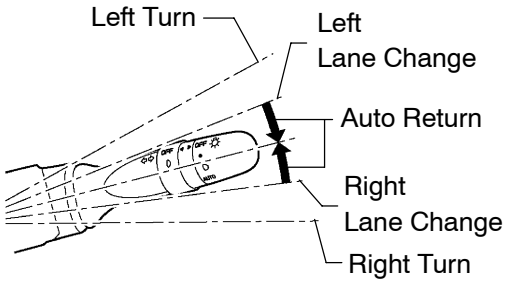
Tester connection	Condition	Specified condition
11 – 19 13 – 19	OFF	10 kΩ or higher
13 – 19	TAIL	Below 1 Ω
11 – 19 13 – 19	HEAD	Below 1 Ω

(b) Inspect headlight dimmer switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
14 – 19	FLASH	Below 1 Ω
14 – 19 15 – 19	LOW BEAM	Below 1 Ω
15 – 19	HIGH BEAM	Below 1 Ω



C

E68153

(c) Inspect turn signal switch continuity.

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

Standard:

Tester connection	Switch operation	Specified resistance
16 – 19 17 – 19	Right turn	Below 1 Ω
16 – 19	Right lane change	Below 1 Ω
16 – 19 17 – 19 18 – 19	Neutral	10 kΩ or higher
18 – 19	Left lane change	Below 1 Ω
17 – 19 18 – 19	Left turn	Below 1 Ω

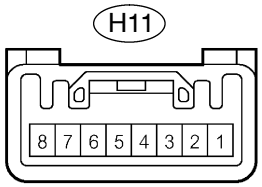
(d) Inspect fog lamp switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
7 – 8 7 – 9	OFF	10 kΩ or higher
7 – 8	Front fog lamp switch ON	Below 1 Ω
7 – 8 7 – 9	Rear fog lamp switch ON	Below 1 Ω

Connector Front View:



H E72840

3. HAZARD WARNING SIGNAL SWITCH ASSY

(a) Inspect hazard warning switch continuity.

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

Standard:

Tester connection	Condition	Specified condition
2 – 3	Hazard warning switch ON	Below 1 Ω
2 – 3	Hazard warning switch OFF	10 kΩ or higher

(b) Inspect hazard warning switch illumination.

(1) Connect the battery positive (+) lead from the battery to the terminal 4 and battery negative (–) lead to the terminal 1, then check that the illumination comes on.

OK: Illumination comes on.

4. 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 (Shaft is pressed)	10 kΩ or higher
1 – Body ground	ON (Shaft is not pressed)	Below 1 Ω

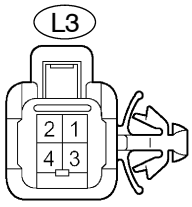
5. REAR DOOR COURTESY LAMP SWITCH ASSY

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

Standard:

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

Connector Front View:



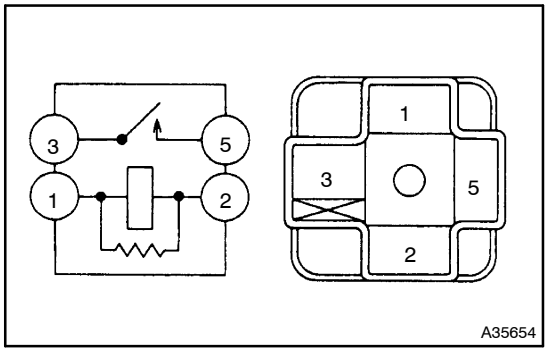
E54740

6. BACK 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 – 2	Back door is closed	10 kΩ or higher
1 – 2	Back door is opened	Below 1 Ω

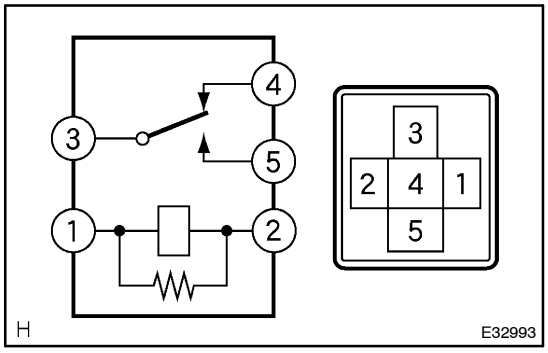


7. HEADLAMP RELAY

(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 terminal 1 – 2)



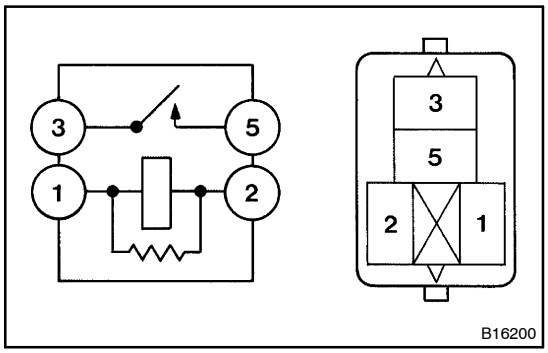
8. HEADLAMP RELAY NO.2

(a) Inspect DIM relay continuity.

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

Standard:

Tester connection	Specified condition
3 – 5	10 kΩ or higher
3 – 4	Below 1 Ω
3 – 5	Below 1 Ω (When battery voltage is applied to terminal 1 – 2)
3 – 4	10 kΩ or higher (When battery voltage is applied to terminal 1 – 2)



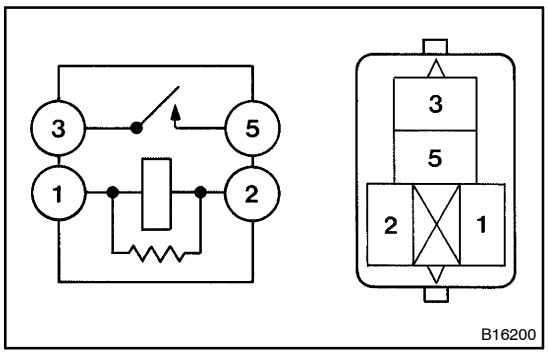
9. FOG LAMP RELAY (W/ FOG LAMP)

(a) Inspect front fog and rear fog relay continuity.

(1) 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 terminal 1 – 2)

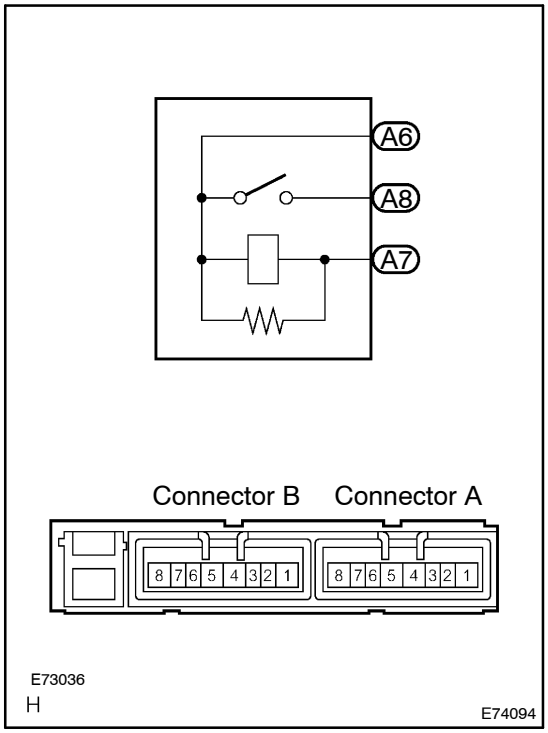


10. PANEL RELAY

(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 terminal 1 – 2)

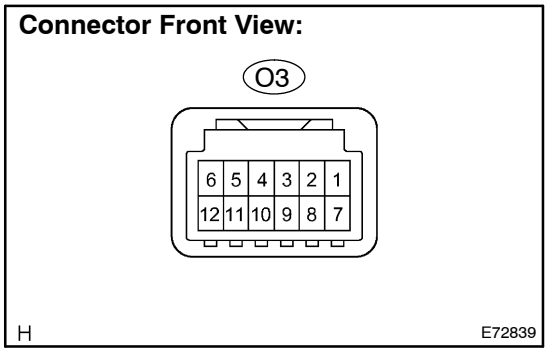


11. INTEGRATION RELAY

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

Standard:

Tester connection	Specified condition
A6 – A8	Below 1 V
A6 – A8	10 to 14 V (When connect the (+) lead from the battery to terminal A6 and the (–) lead to terminal A7)



12. MAP LAMP ASSY

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

Standard:

Tester connection	Condition	Specified condition
1 – 3 1 – 4	Switch is OFF	10 kΩ or higher

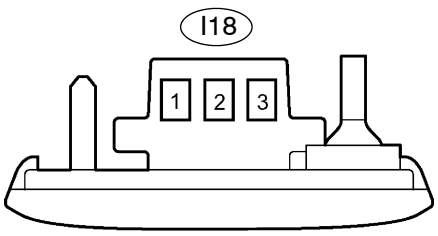
(b) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (–) lead to the terminal 3, then check that the illumination comes on when switch is in the DOOR position.

OK:Illumination comes on.

(c) Connect the battery positive (+) lead from the battery to the terminal 1 and battery negative (–) lead to the terminal 4, then check that the illumination comes on when switch is in the ON position.

OK:Illumination comes on.

Connector Front View:



13. 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	Switch is OFF	10 kΩ or higher

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

OK: Illumination comes on.

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

OK: Illumination comes on.

14. ROOM LAMP ASSY NO.2

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

OK: Lamp comes on.

15. VANITY LAMP SWITCH

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

Standard:

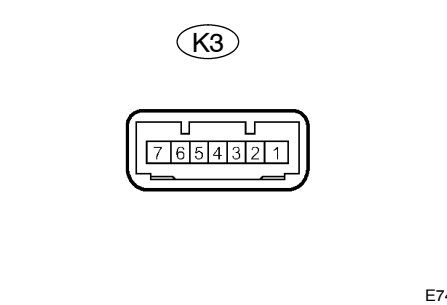
Tester connection	Condition	specified condition
1 – 2	Switch is OFF	10 kΩ or higher
1 – 2	Switch is ON	Below 1 Ω

16. VANITY LAMP ASSY

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

OK: Lamp comes on.

Connector Front View:



17. ELECTRICAL KEY HOLDER ASSY

(a) Inspect key slot illumination.

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

OK: Illumination comes on.

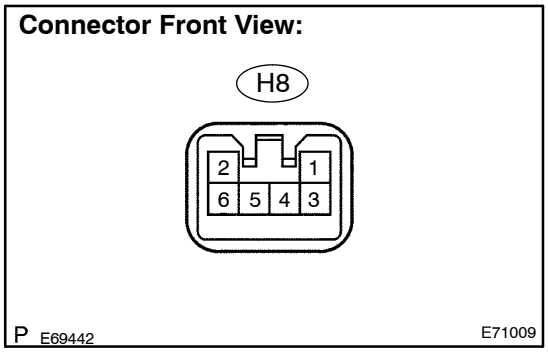
18. GLOVE BOX LAMP ASSY

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

OK: Lamp comes on.

19. DOOR COURTESY LAMP ASSY

(a) Connect the battery positive (+) lead from the battery to one of the terminal and battery negative (–) lead to other terminal, then check that the lamp comes on.
OK: Lamp comes on.

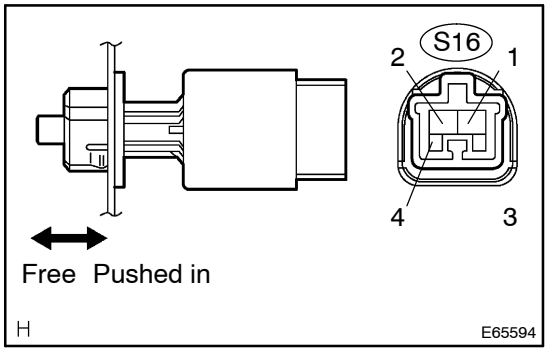


20. HEADLAMP LEVELING SWITCH

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

Tester connection	Switch position	Specified condition
3 – 4	0	1,620 to 1,980 Ω
3 – 4	1	1,430 to 1,740 Ω
3 – 4	2	1,340 to 1,510 Ω
3 – 4	3	1,040 to 1,280 Ω
3 – 4	4	850 to 1,040 Ω
3 – 4	5	660 to 810 Ω
3 – 5	0	1,620 to 1,980 Ω
3 – 5	1	1,430 to 1,740 Ω
3 – 5	2	1,340 to 1,510 Ω
3 – 5	3	1,040 to 1,280 Ω
3 – 5	4	850 to 1,040 Ω
3 – 5	5	660 to 810 Ω

(b) Connect the battery positive (+) lead from the battery to the terminal 3 and battery negative (–) lead to the terminal 6, then check that the illumination comes on when switch is in the ON position.
OK: Illumination comes on.



21. STOP LAMP SWITCH ASSY

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

Tester connection	Condition	Specified condition
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