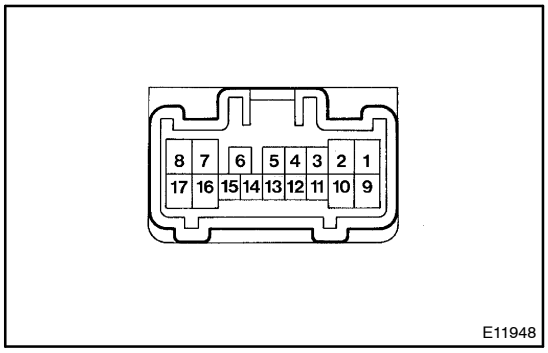
650NE–01

INSPECTION



1. HEADLAMP DIMMER SWITCH ASSY

(a) Inspect light control switch continuity.

(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:

LHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
TAIL	14 – 16	Continuity
HEAD	13 – 16 – 14	Continuity

Standard:

RHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
TAIL	15 – 9	Continuity
HEAD	15 – 14 – 9	Continuity

(b) Inspect headlight dimmer switch continuity.

(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:

LHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
FLASH	7 – 8 – 16	Continuity
LOW BEAM	16 – 17	Continuity
HI BEAM	7 – 16	Continuity

Standard:

RHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
FLASH	2 – 9 – 1	Continuity
LOW BEAM	9 – 10	Continuity
HI BEAM	2 – 9	Continuity

(c) Inspect turn signal switch continuity.

(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:

LHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
Right turn	2 – 3	Continuity
Neutral	–	No continuity
Left turn	1 – 2	Continuity

Standard:
RHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
Right turn	7 – 8	Continuity
Neutral	–	No continuity
Left turn	6 – 7	Continuity

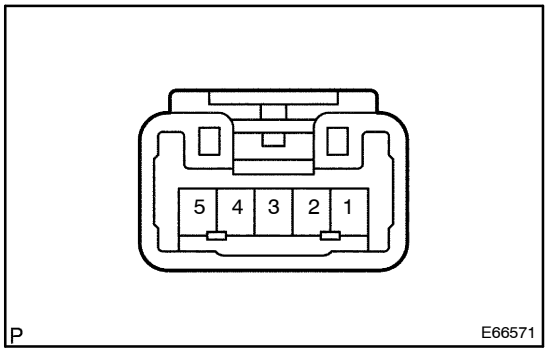
(d) Inspect front fog light switch continuity.
(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:
LHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
ON	10 – 11	Continuity

Standard:
RHD STEERING POSITION TYPE:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
ON	16 – 12	Continuity



2. HAZARD WARNING SIGNAL SWITCH ASSY

(a) Check that there is continuity between terminals at each switch position as shown in the chart.

Switch operation	Tester connection	Specified condition
OFF	2 – 3	No continuity
ON	2 – 3	Continuity
Illumination circuit	4 – 5	Continuity

(b) Inspect illumination operation.
(1) Connect the positive (+) lead from the battery to terminal 4 and negative (–) lead to terminal 5, then check that the illumination comes on.

3. FRONT DOOR COURTESY LAMP SWITCH ASSY

(a) Inspect courtesy lamp assy continuity.
(1) Check that there is continuity between terminals when the switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

4. REAR DOOR COURTESY LAMP SWITCH ASSY

(a) Inspect courtesy lamp assy continuity.
(1) Check that there is continuity between terminal and the switch body when the switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

5. BACK DOOR COURTESY LAMP SWITCH ASSY

(a) Inspect courtesy lamp assy continuity.
(1) Check that there is continuity between terminal and the switch body when the switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

6. GLOVE BOX LAMP SWITCH

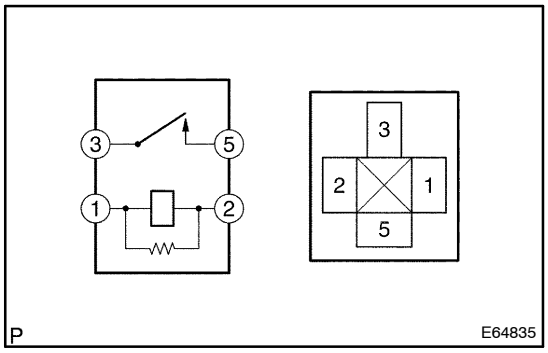
(a) Inspect courtesy lamp assy continuity.

(1) Check that there is continuity between terminals when the switch is operated.

Standard:

ON (When shaft is pressed): No continuity

OFF (When shaft is not pressed): Continuity

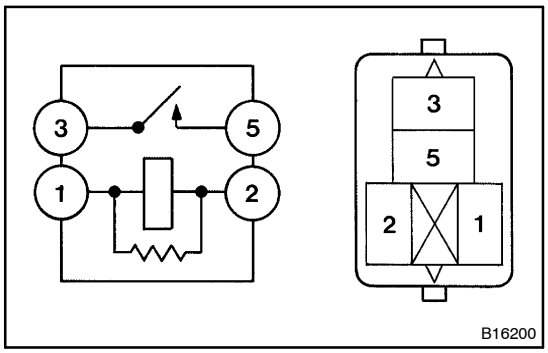


7. HEADLAMP RELAY

(a) Inspect relay continuity.

Standard:

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity

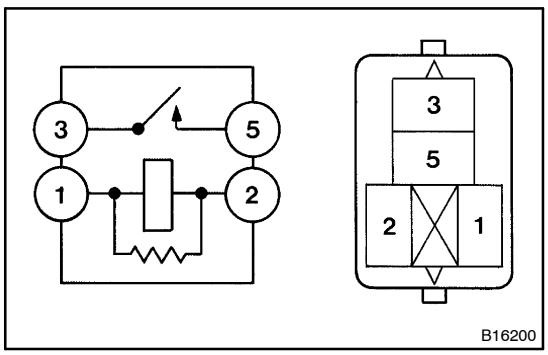


8. TAIL LAMP RELAY

(a) Inspect relay continuity.

Standard:

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity

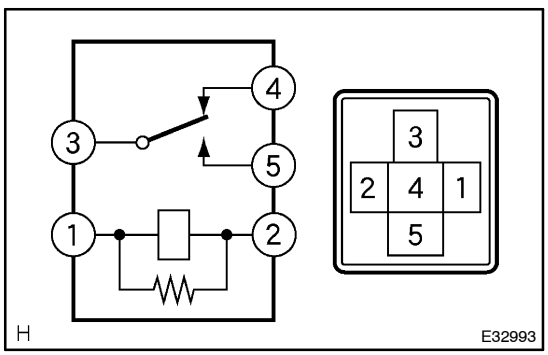


9. FOG LAMP RELAY

(a) Inspect relay continuity.

Standard:

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity

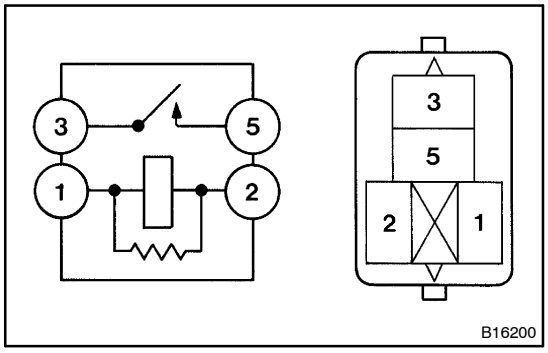


10. HEADLAMP DIMMER RELAY

(a) Inspect relay continuity.

Standard:

Condition	tester connection	Specified condition
Always	1 – 2 3 – 4	Continuity
Apply B+ between terminals 1 and 2.	3 – 5	Continuity

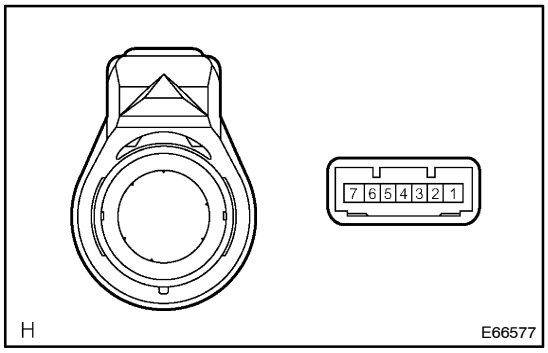


11. PANEL RELAY

(a) Inspect relay continuity.

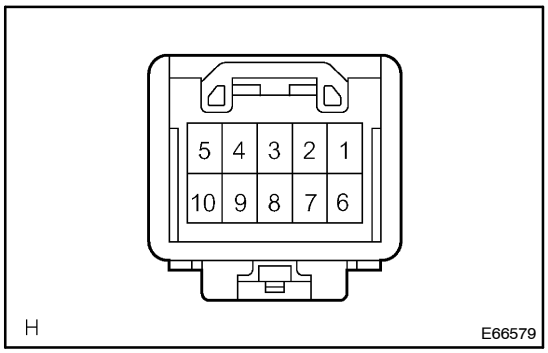
Standard:

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity



12. TRANSPONDER KEY AMPLIFIER

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



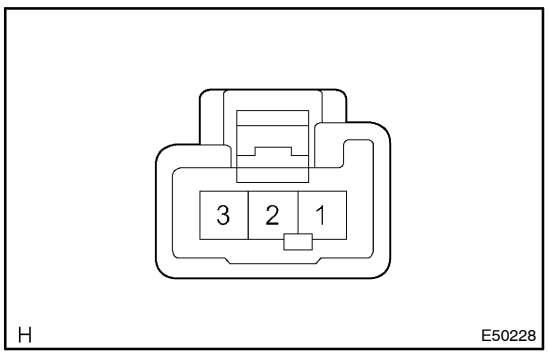
13. MAP LAMP ASSY

(a) Inspect map light assy continuity.

(1) Check the continuity between terminals at each switch position as shown in the chart.

Standard:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
DOOR	7(+B) – 2(DOOR)	Continuity
ON	7(+B) – 4(E)	Continuity



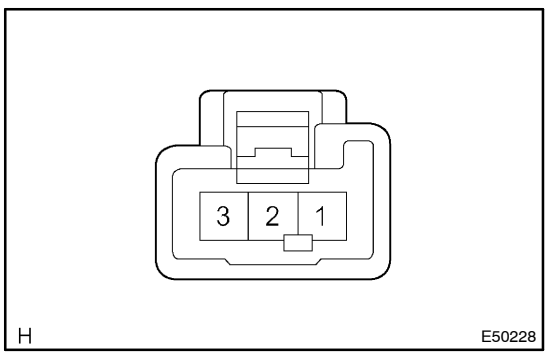
14. ROOM LAMP ASSY NO.1

(a) Inspect room lamp assy No.1 continuity.

(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
DOOR	1 – 2	Continuity
ON	1 – 3	Continuity



15. ROOM LAMP ASSY NO.2

(a) Inspect room lamp assy No.2 continuity.

(1) Check that there is continuity between terminals at each switch position as shown in the chart.

Standard:

Switch operation	Tester connection	Specified condition
OFF	–	No continuity
DOOR	1 – 2	Continuity
ON	1 – 3	Continuity

16. FRONT DOOR COURTESY LAMP ASSY RH

(a) Check that the continuity exists between terminals.

Standard: Continuity exists

17. FRONT DOOR COURTESY LAMP ASSY LH

(a) Check that the continuity exists between terminals.

Standard: Continuity exists

18. GLOVE BOX LAMP ASSY

(a) Check that the continuity exists between terminals.

Standard: Continuity exists

19. RH VISOR ASSY

(a) Inspect vanity light continuity.

(1) Check that the continuity exists between terminal 1 and 2 when the light is operated.

Standard:

OFF (closed): No continuity

ON (opened): Continuity

20. LH VISOR ASSY

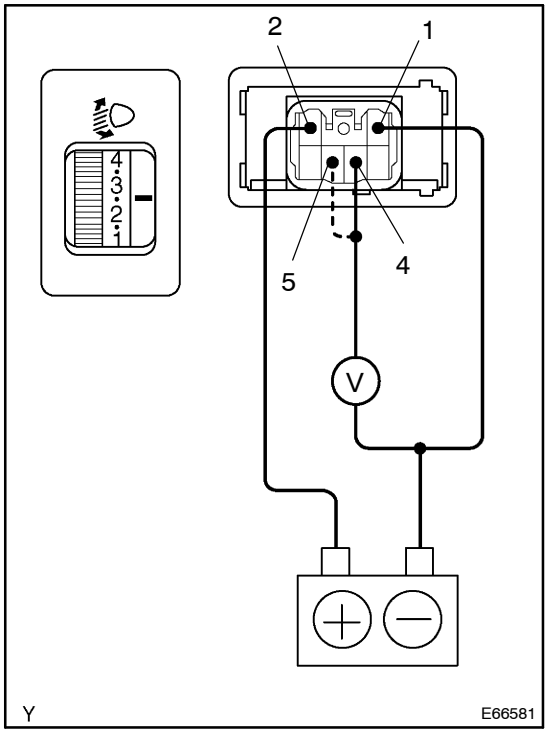
(a) Inspect vanity light continuity.

(1) Check that the continuity exists between terminal 1 and 2 when the light is operated.

Standard:

OFF (closed): No continuity

ON (opened): Continuity



21. HEADLAMP LEVELING SWITCH

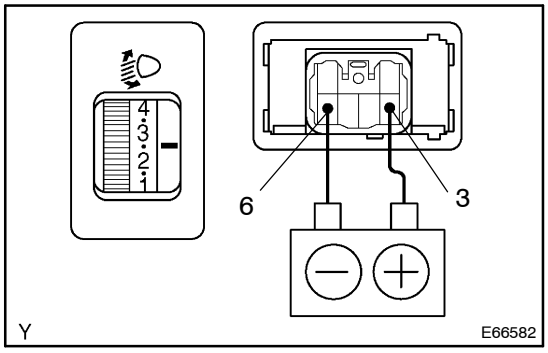
(a) Inspect head light leveling switch.

(1) Connect the battery positive (+) lead to terminal 1 (+B) and the battery negative (–) lead to terminal 2 (GND).

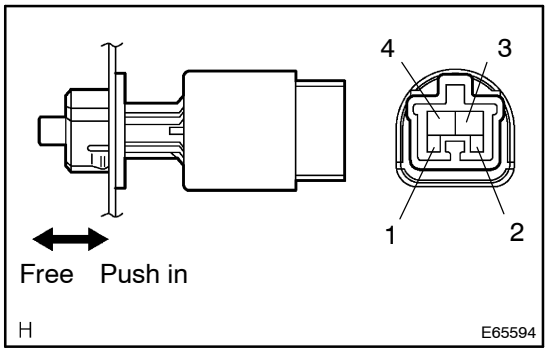
(2) Measure the resistance between terminal 4 (LH) or 5 (RH) and body ground.

Standard:

Switch position	Resistance (Ω)
0	1.4 – 1.6
1	1.6 – 1.8
2	1.8 – 2.0
3	2.0 – 2.3
4	2.4 – 2.7
5	2.8 – 3.2



(b) Inspect switch illumination.
(1) Connect the battery positive (+) lead to terminal 3 and the battery negative (–) lead to terminal 6, and check that the illumination comes on.



22. STOP LAMP SWITCH ASSY

(a) Check the continuity between terminals at each switch position as shown in the chart.

Standard:

Switch position	Tester connection	Specified condition
Switch pin free	1–2	No continuity
Switch pin free	3–4	Continuity
Switch pin pushed in	1–2	Continuity
Switch pin pushed in	3–4	No continuity

23. BACK UP LAMP SWITCH ASSY

(a) Inspect stop lamp assy continuity.
(1) Check that there is continuity between terminals when the switch is operated.
Standard:
ON (When shaft is pressed): Continuity
OFF (When shaft is not pressed): No continuity