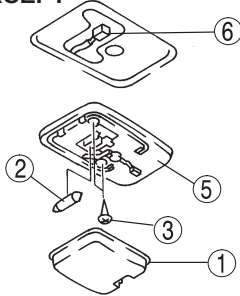


INTERIOR LIGHTING SYSTEM

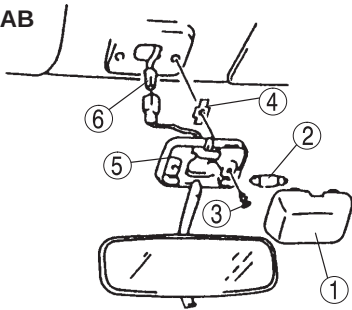
INTERIOR LIGHT REMOVAL/INSTALLATION

1. Disconnect the negative battery cable.
2. Remove in the order indicated in the table.
3. Install in the reverse order of removal.

ALL VEHICLES EXCEPT REGULAR CAB



REGULAR CAB

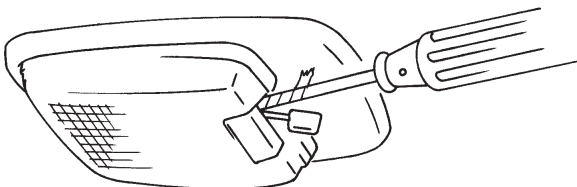


1	Lens + Removal Note
2	Interior light bulb
3	Screw
4	Spacer
5	Interior light + Installation Note
6	Interior light connector

Lens Removal Note

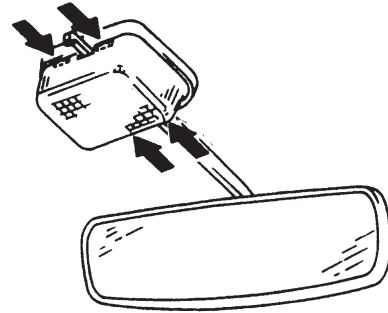
All vehicles except regular cab

1. Insert a tape-wrapped flathead screwdriver into the lens.
2. Twist the screwdriver to remove the lens.



Regular cab

- Push the areas indicated by the arrows to pull out the lens.

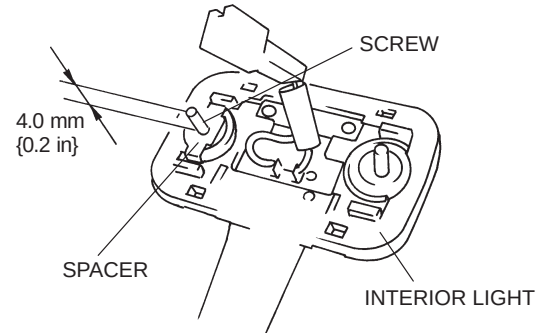


Interior Light Installation Note Regular cab

Note

- The spacer acts as a ground. If the spacer is not installed in the position shown in the figure, the interior light may not illuminate.

1. Tighten the screw fully. (**More than 4 mm {0.2 in}** of thread should be exposed.)
2. Install the interior light.

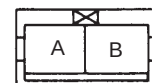
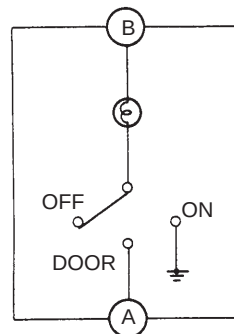


INTERIOR LIGHT INSPECTION

1. Remove the interior light. (Refer to INTERIOR LIGHT REMOVAL/INSTALLATION.)
2. Inspect for continuity between the interior light terminals using an ohmmeter.

○—○ : Bulb

Step	Terminal		
	A	B	Body GND
ON		○—○	○—○
DOOR	○—○	○—○	
OFF			



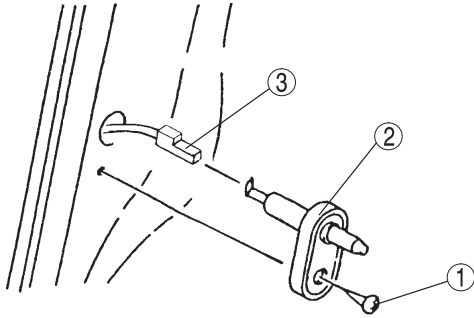
3. If not as specified, replace the interior light.

INTERIOR LIGHTING SYSTEM

DOOR SWITCH REMOVAL/INSTALLATION

1. Disconnect the negative battery cable.
2. Remove in the order indicated in the table.
3. Install in the reverse order of removal.

1	Panel light control switch
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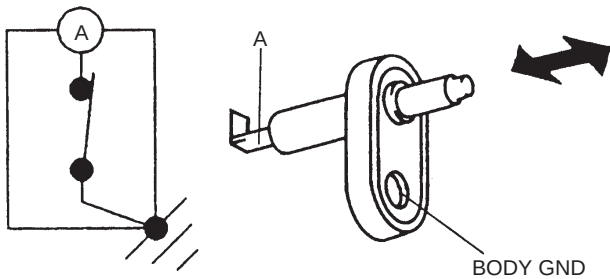
1	Screw
2	Door switch
3	Door switch connector

DOOR SWITCH INSPECTION

1. Remove the door switch.
2. Inspect for continuity between the door switch terminals using an ohmmeter.

○—○ : Continuity

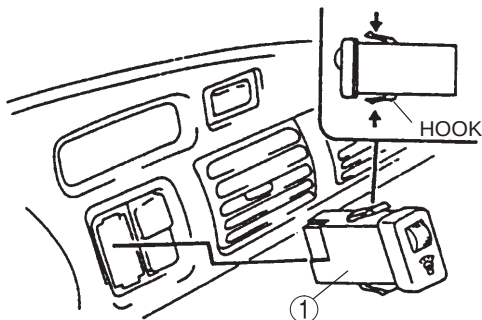
Switch condition	Terminal	
	A	Body GND
Pressed		
Released	○—○	○—○



3. If not as specified, replace the door switch.

PANEL LIGHT CONTROL SWITCH REMOVAL/INSTALLATION

1. Disconnect the negative battery cable.
2. Remove the meter hood. (Refer to section S, DASHBOARD AND CONSOLE, METER HOOD REMOVAL/INSTALLATION.)
3. Remove as indicated in the table.
4. Install in the reverse order of removal.



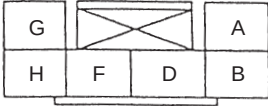
INTERIOR LIGHTING SYSTEM

PANEL LIGHT CONTROL SWITCH INSPECTION

1. Remove the meter hood without disconnecting the panel light control switch connector. (Refer to section S, DASHBOARD AND CONSOLE, METER HOOD REMOVAL/INSTALLATION.)
2. Measure the voltage at the panel light control switch as indicated below.
3. Disconnect the panel light control switch connector before inspecting for continuity at terminal G.
4. If not as specified, inspect the parts listed under "Inspection area" and the related wiring harnesses.
5. If the parts and wiring harnesses are okay but the system still does not work properly, replace the panel light control switch.

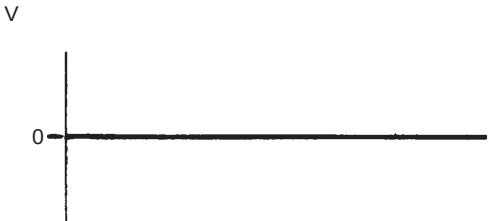
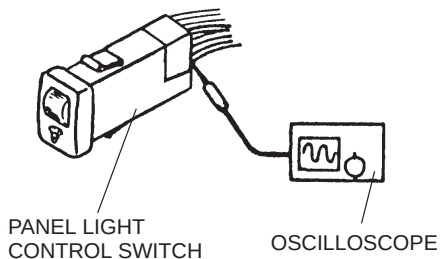
Terminal Voltage List (Reference)

B+: Battery positive voltage

					
Terminal	Signal	Connection	Test condition	Voltage (V)/Continuity	Inspection area
A	Panel light control output	Each illumination	Inspect using an oscilloscope + A terminal inspection	—	Each illumination
B	—	Not used	—	—	—
D	Power supply	Light switch	Headlight switch at TNS or headlight position	B+	• Light switch • TAIL 10 A fuse
			Headlight switch at OFF position	0	
F	—	Not used	—	—	—
G	Panel light control switch ground	GND	Constant: Inspect for continuity to ground	Yes	GND
H	—	Not used	—	—	—

A Terminal Inspection

1. Measure the wave pattern of the A terminal on the panel light control switch using an oscilloscope.



2. Set the headlight switch to either the TNS or headlight position.
3. Set the panel light control switch to the brightest position.
4. Verify that the pattern of the screen is as shown in the figure.

5. Verify that the pattern on the screen matches the pattern shown in the figure as the panel light control switch is gradually turned to the darkest position.

