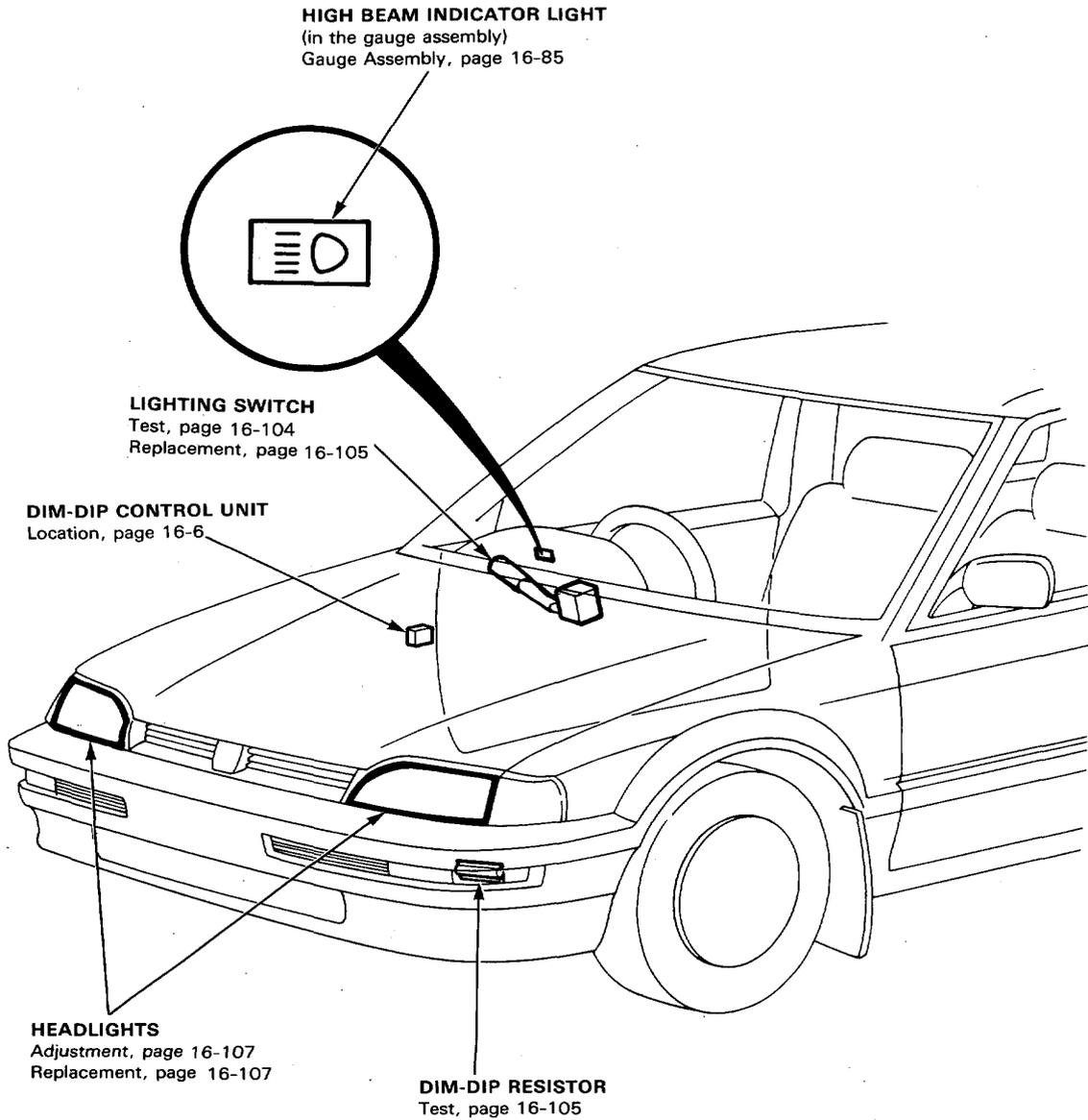


Lighting System

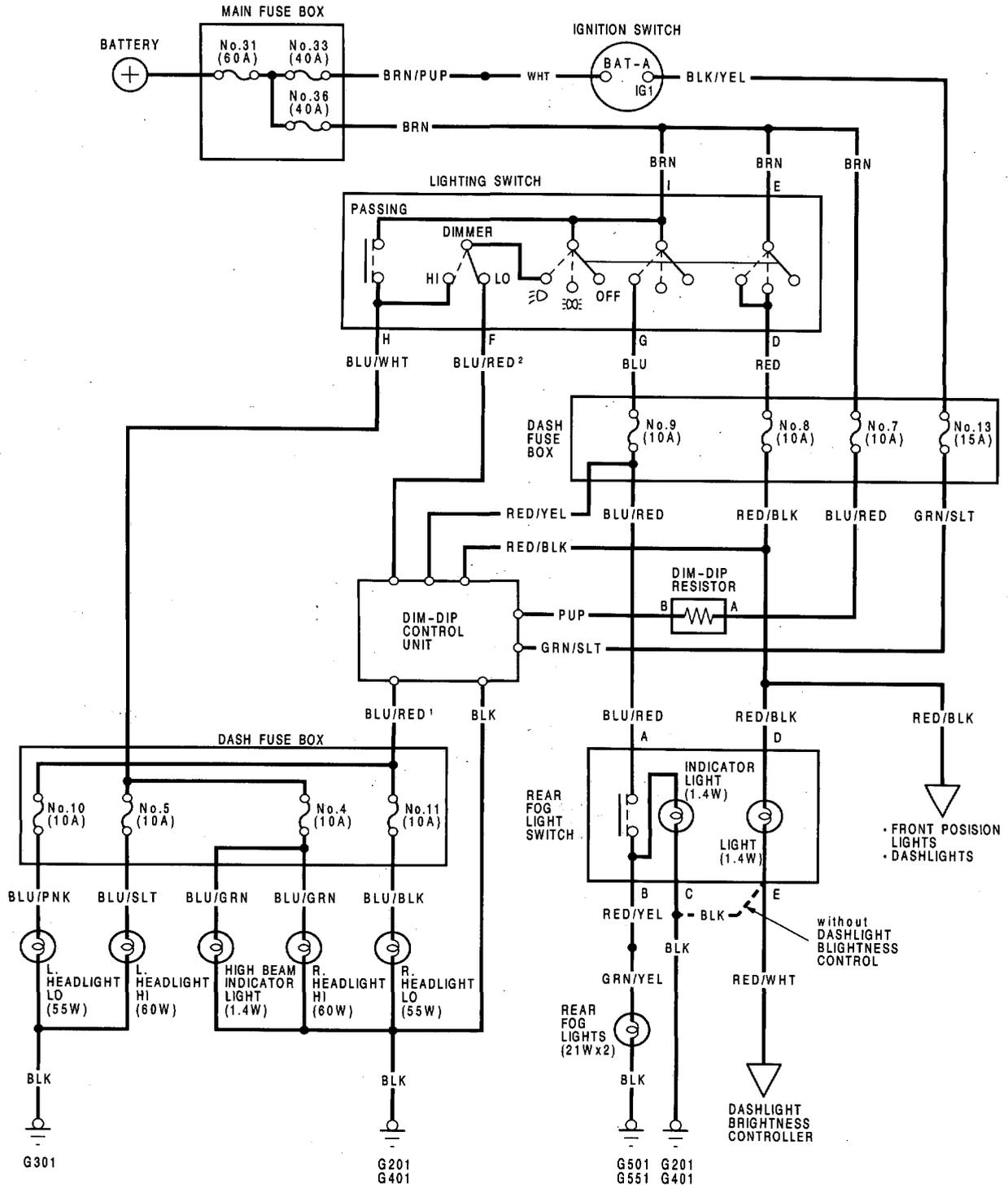
Component Location Index



Lighting System

Circuit Diagram

NOTE: Several different wires have the same color. They have been given a number suffix to distinguish them (for example BLU/RED¹ and BLU/RED² are not the same).





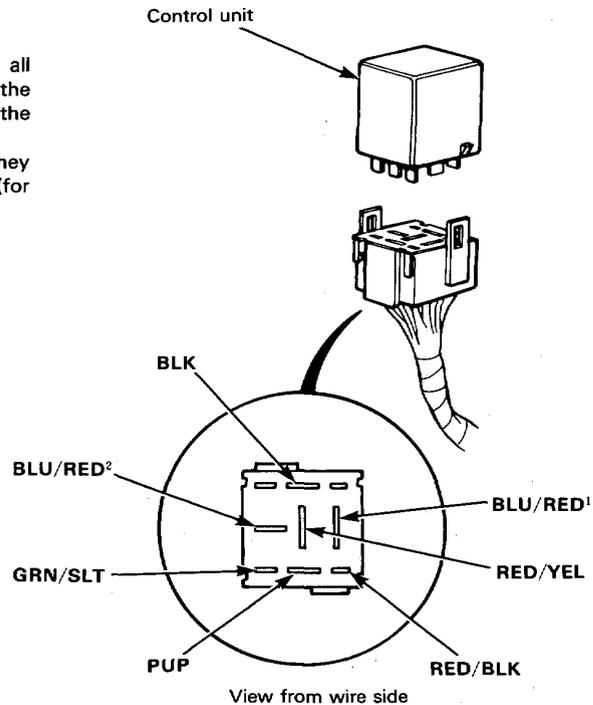
DIM-DIP Control Unit Input Test

Remove the dashboard lower panel, then slide the dash fuse box.

Disconnect the 7-P connector from the control unit.

Make the following input tests at the harness pins. If all tests prove OK, yet system still fails to work, check the connector for good connection. If OK, then replace the control unit.

NOTE: Several different wires have the same color. They have been given a number suffix to distinguish them (for example BLU/RED¹ and BLU/RED² are not the same).



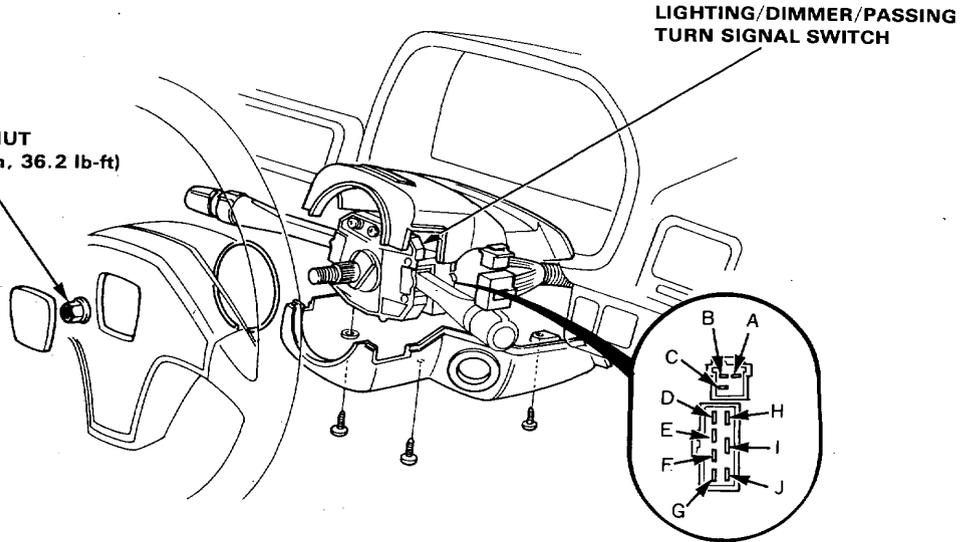
No.	Terminal	Test condition	Test: desired result	Possible cause(if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Poor ground (G201, G401). • Ah open in the wire.
2	PUP	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No.7 (10A) fuse. • Faulty DIM-DIP resistor. • Ah open in the wire.
3	RED/BLK	Lighting switch ON (30E).	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No.8 (15A) fuse. • An open in the wire.
4	BLU/RED ²	Lighting switch ON (30D) and dimmer switch LO.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Faulty lighting switch.
5	BLU/RED ¹	Lighting switch ON (30D) and dimmer switch LO.	Connect the BLU/RED ¹ terminal to the BLU/RED ² terminal: Headlights (LO) should come on.	<ul style="list-style-type: none"> • Blown No.10 (10A) and No.11 (10A) fuses. • Poor ground (G201, G401). • An open in the wire.
6	RED/YEL	Lighting switch ON (30D).	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No.9 (10A) fuse. • An open in the wire.
7	GRN/SLT	Ignition switch ON.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No.13 (15A) fuse. • An open in the wire.

Lighting System

Lighting/Turn Signal Switch Test

1. Remove the dashboard lower panel.
2. Remove the steering wheel.
3. Remove the steering column covers then disconnect the 7-P and 4-P connectors.
4. Check for continuity between the terminals in each position according to the tables.

SELF LOCKING NUT
50 N·m (5.0 kg-m, 36.2 lb-ft)
Replace



View from terminal side

Lighting/Dimmer/Passing Switch

Terminal		D	E	F	G	H	I
Lighting switch	OFF						
Dimmer switch	LOW						
	HIGH						
Passing switch	OFF						
	ON						

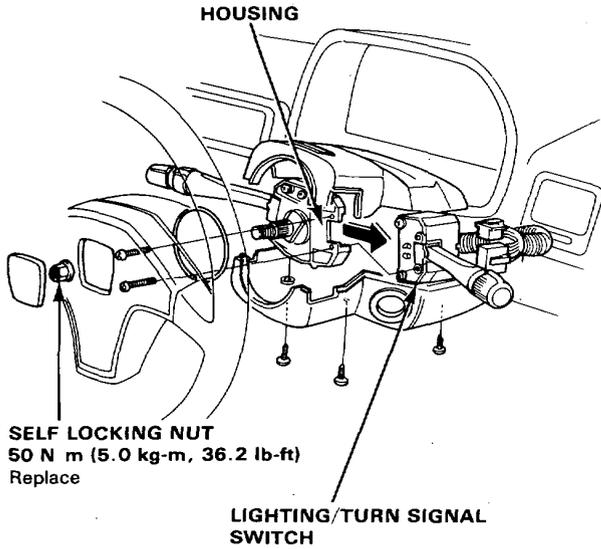
Turn Signal Switch

Terminal	A	B	C
Position R			
NEUTRAL			
Position L			



Lighting/Turn Signal Switch Replacement

1. Remove the dashboard lower panel.
2. Remove the steering wheel.
3. Remove the steering column covers then disconnect the 7-P and 4-P connectors from behind the switch.
4. Remove the 2 screws and slide the lighting switch out of housing as shown.

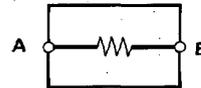
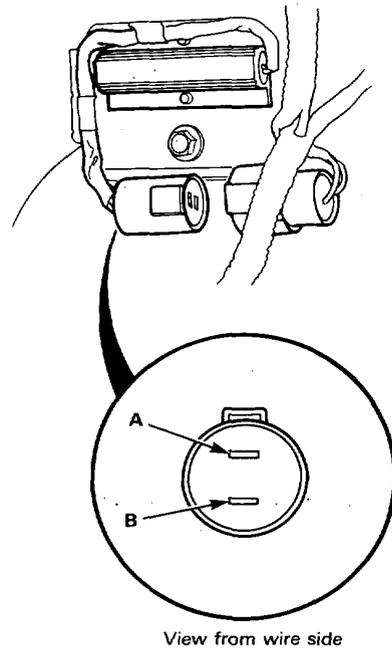


DIM-DIP Resistor Test

CAUTION: Dim-Dip resistor becomes very hot in use of Dim-Dip headlights; do not touch it or the attaching hardware immediately after they have been turned off.

1. Disconnect the 3-P connector from the resistor.
2. There should be continuity between A and C; between B and C terminals.

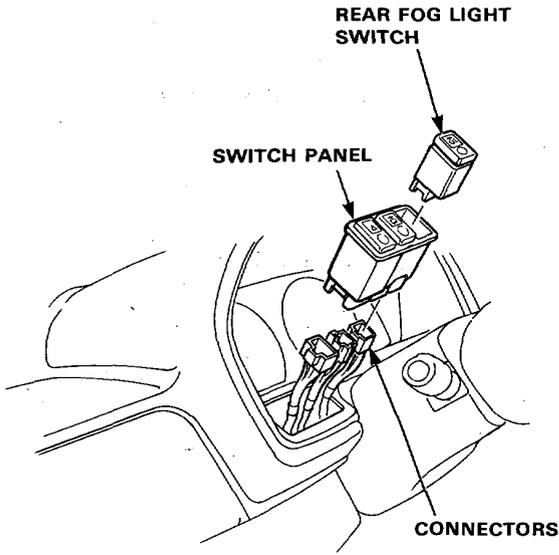
RESISTOR (Located left side, engine compartment)



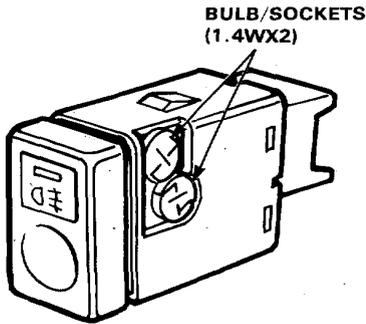
Lighting System

Rear Fog Light Switch Removal

1. Remove the dashboard lower panel. Push out the switches from behind the instrument panel, then disconnect the connectors from the switches.
2. Remove the rear fog light switch from the switch panel.



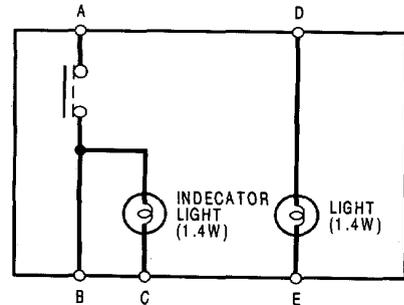
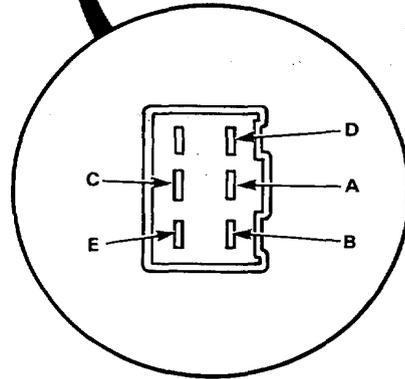
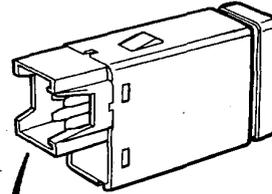
3. Turn the socket 45° counterclockwise (1.4W).



Rear Fog Light Switch Test

1. Remove the switch from the instrument panel.
2. Check for continuity between the terminals according to the table.

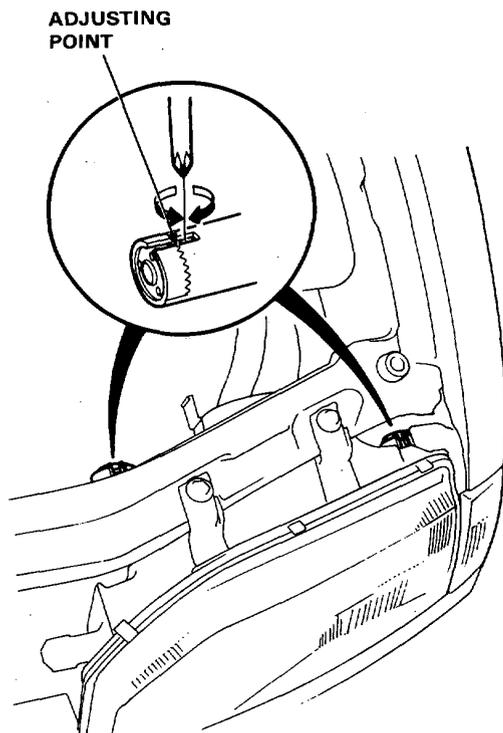
Terminal Position	A	B	C	D	E
ON	○	○	⊕	○	⊕
OFF		○	⊕	○	⊕



Headlights

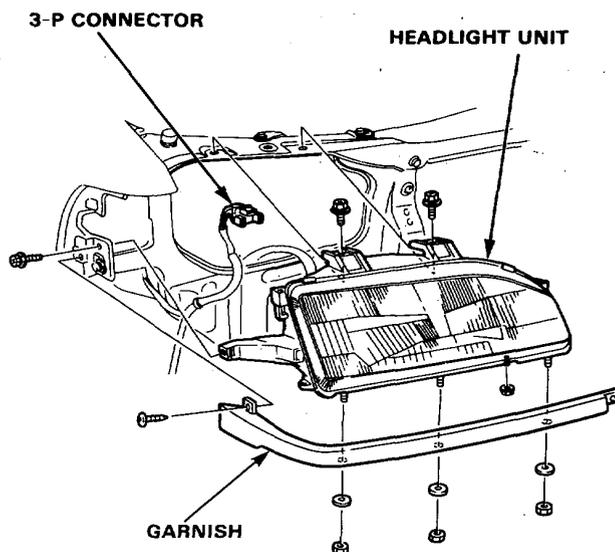
Adjustment

NOTE: Adjust the headlights to local requirements.



Replacement

1. Disconnect the 3-P connector from behind the unit.
2. Remove the front bumper and front position /side turn light.
3. Remove the screw and bolts and nut, then remove the unit.
4. Remove the nuts, then remove the garnish from the unit.
5. After installing the unit, adjust the headlights to local requirements.

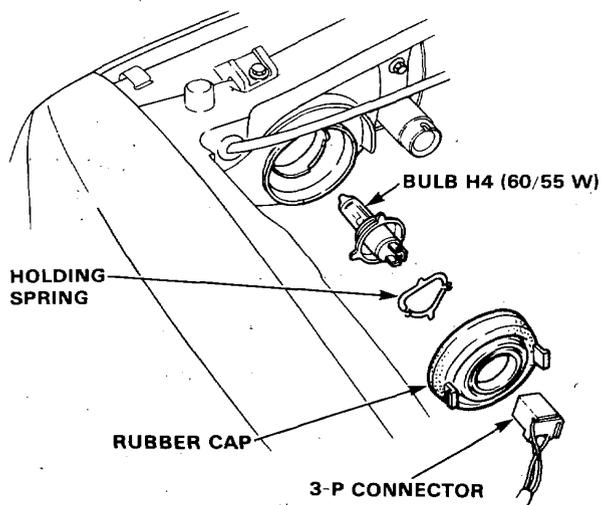


Headlights

Bulb Replacement

CAUTION:

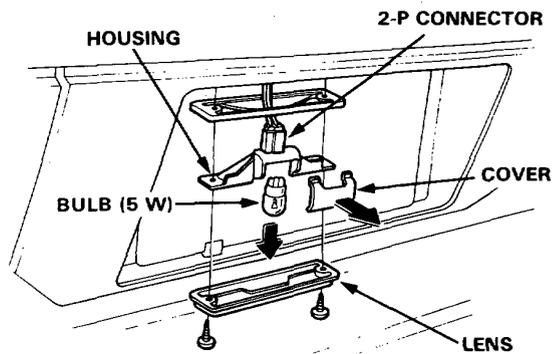
- Halogen headlights can become very hot in use; do not touch them or the attaching hardware immediately after they have been turned off.
- Do not try to replace or clean the headlights with the lights on.



License Plate Light

Bulb Replacement

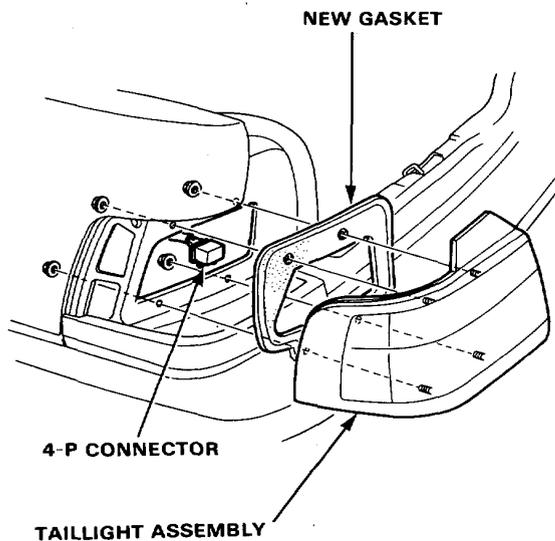
1. Remove the 2 screws and pull out the light assembly from the lid.
2. Disconnect the 2-P connector from the housing.



Taillights Assembly

Replacement

1. Open the trunk lid and remove the trunk side panel.
2. Disconnect the 4-P connector from behind the taillight.
3. Remove the 4 mounting nuts and the taillight assembly.



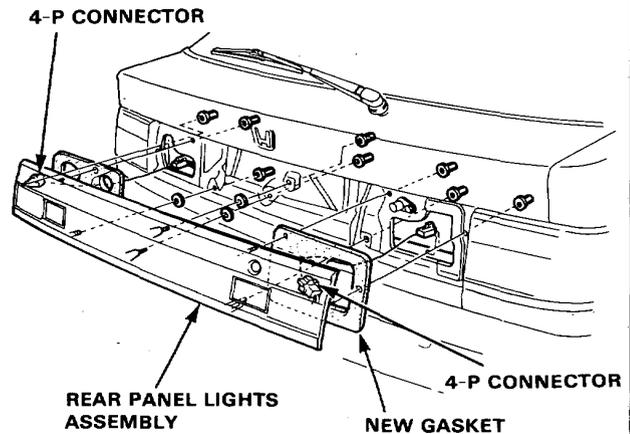
4. Inspect the gasket; replace if it is distorted or overly compressed.

Rear Panel Lights Assembly



Replacement

1. Open the trunk lid and remove the rear trim cover.
2. Disconnect the 4-P connectors from behind the rear panel lights.
3. Remove the 8 mounting nuts and the rear panel lights assembly.



4. Inspect the gasket; replace if it is distorted or overly compressed.