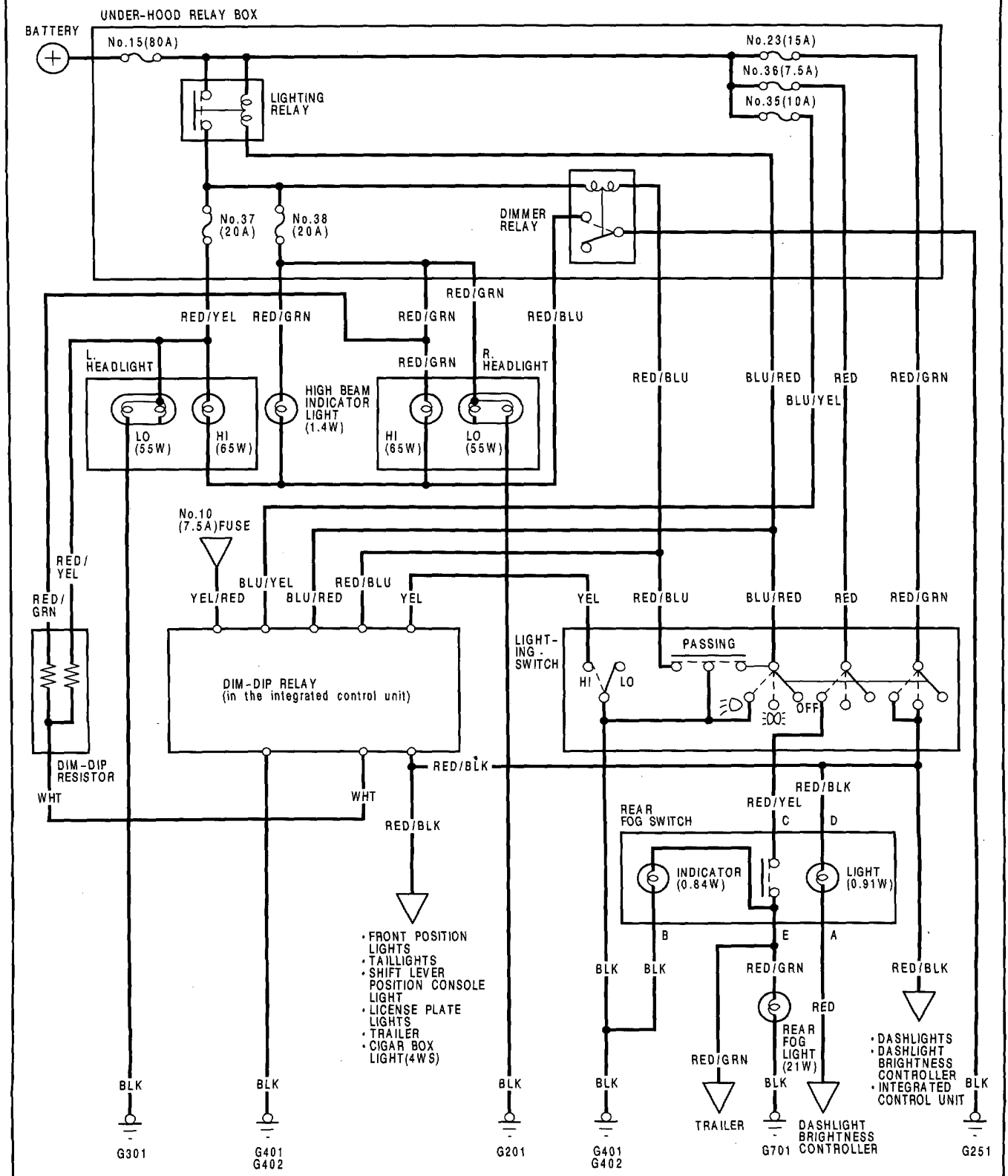


Lighting System

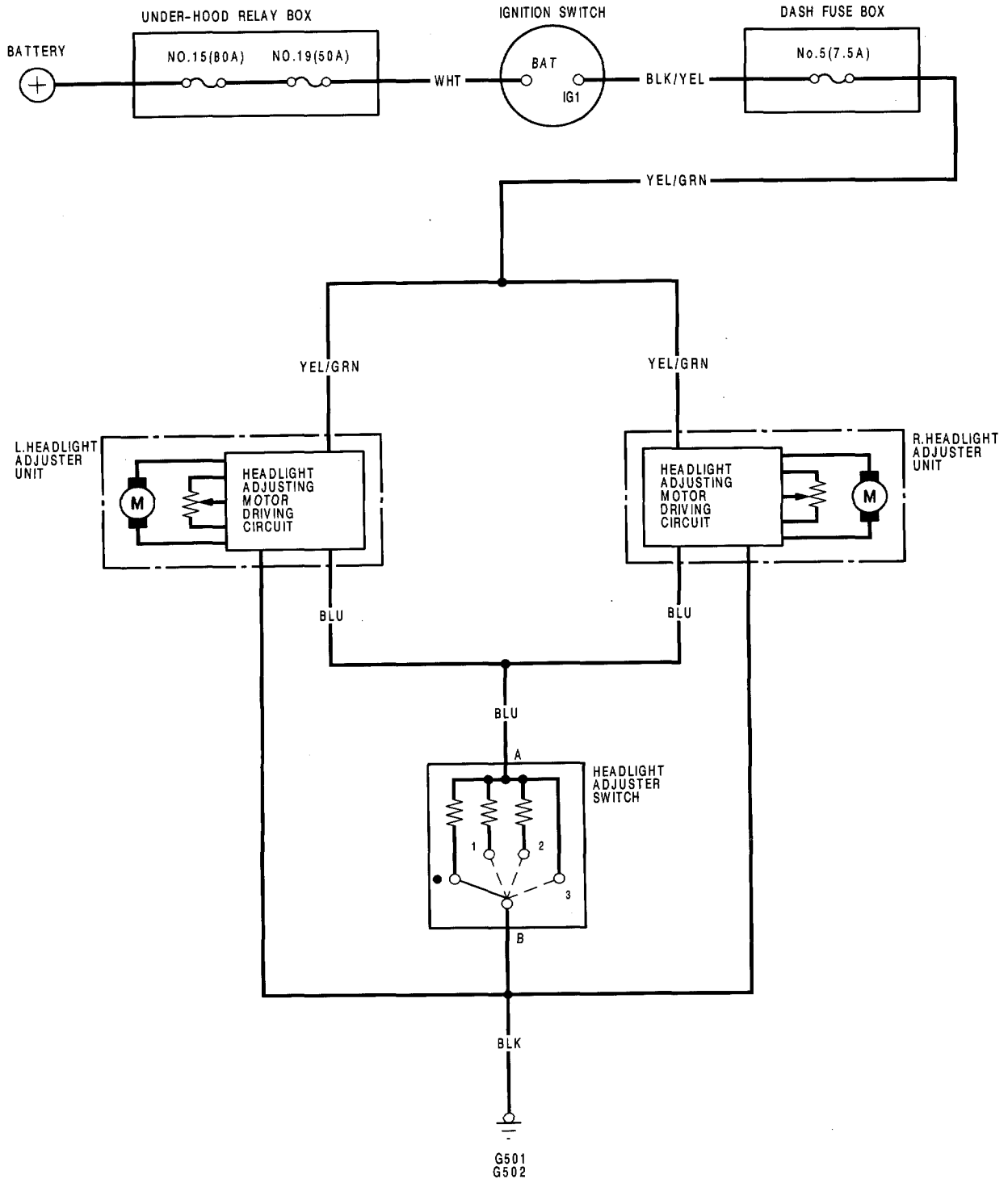
Circuit Diagram (With Dim-Dip Headlight)





Circuit Diagram (KG model only)

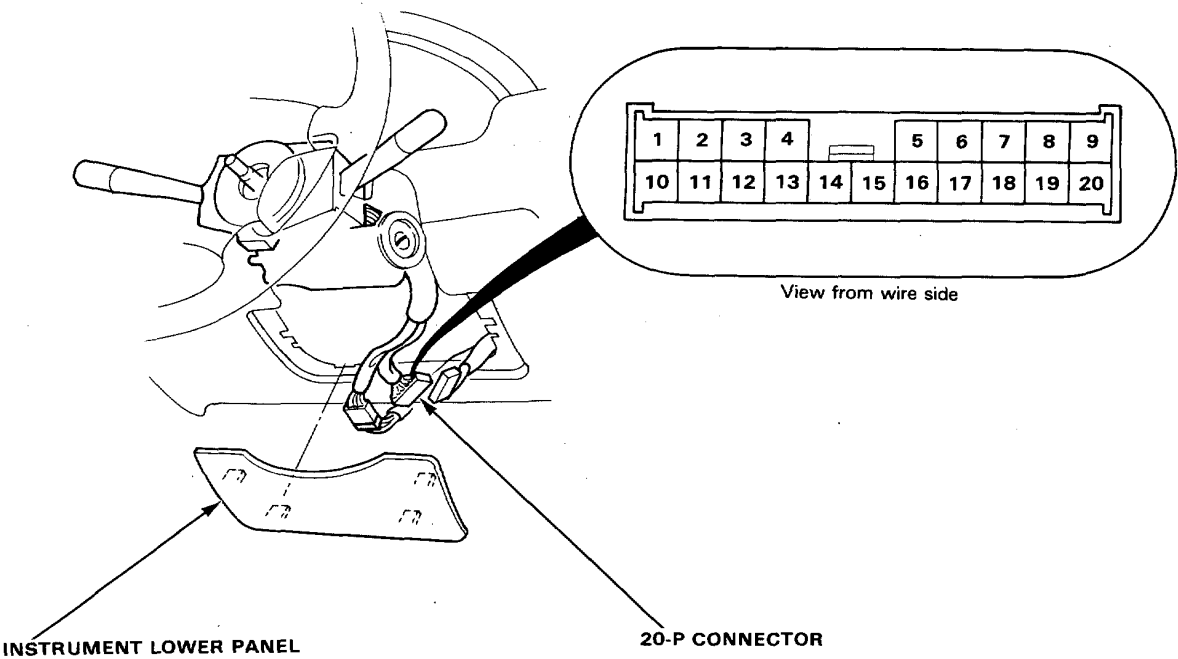
Headlight Adjuster :



Lighting System

Lighting/Turn Signal Switch Test

- 1. Remove the instrument lower panel.
- 2. Disconnect the 20-P connector from the main wire harness.
- 3. Check for continuity between the terminals in each switch position according to the tables.



Lighting/Dimmer/Passing Switch (Except KS, KW and KE models)

Terminal		5	6	17	18	20
Position						
Lighting switch	OFF					
	(-) or					
	(●) or					
Passing switch	LOW					
	HIGH					
	OFF					
ON						

Turn Signal Switch

Terminal		7	8	9
Position				
R				
NEUTRAL				
L				



Lighting/Dimmer/Passing Switch (KS, KW and KE models only)

Terminal		5	6	17	18	19	20
Position							
Lighting switch	OFF						
			○				○
		LOW	○		○		
		HIGH	○		○	○	
Passing switch	OFF						
	ON	○		○	○		

Turn Signal Switch

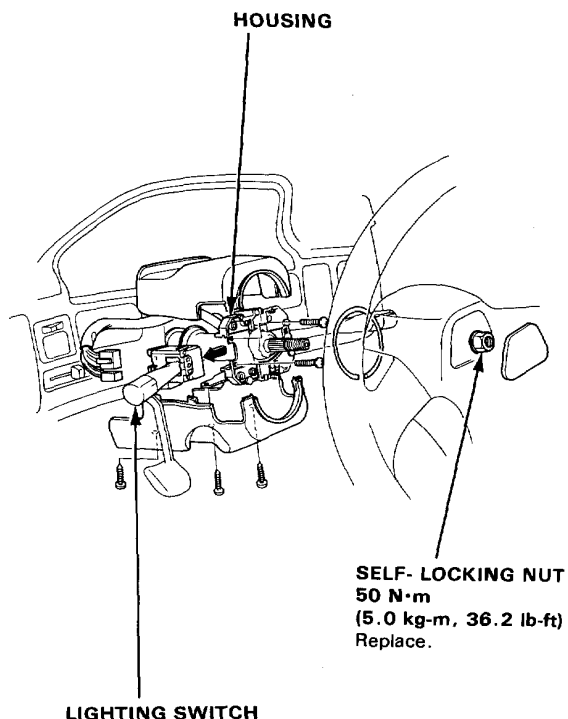
Terminal		7	8	9
Position				
R		○		○
NEUTRAL				
L			○	○

Lighting System

Lighting Switch Replacement

1. Remove the steering wheel and the steering column cover.
2. Disconnect the 12-P connector.
3. Remove the 2 screws and slide the lighting switch out of the housing as shown.

NOTE: Be careful not to damage the steering wheel cover. On cars with cruise control, remove the lighting switch after removing the slip ring (see page 16-262).

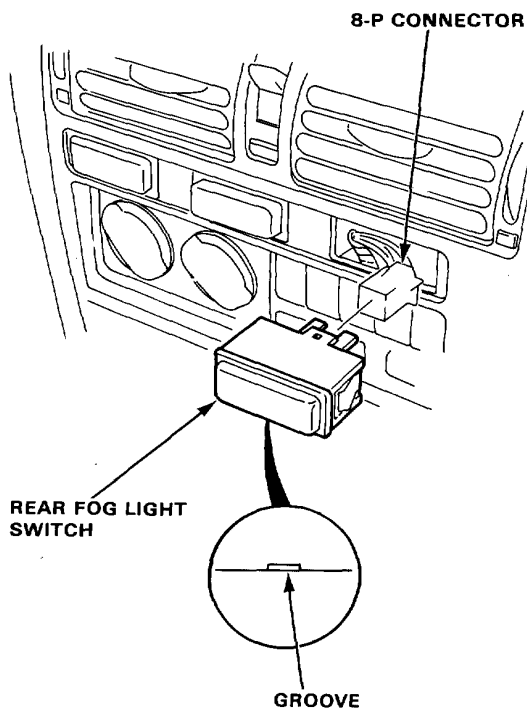


Rear Fog Light Switch Removal

1. Carefully pry out the rear fog light switch from the instrument panel.

NOTE: Be careful not to damage the switch or instrument panel when prying out the switch.

2. Disconnect the 8-P connector from the switch.

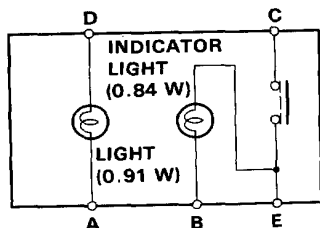
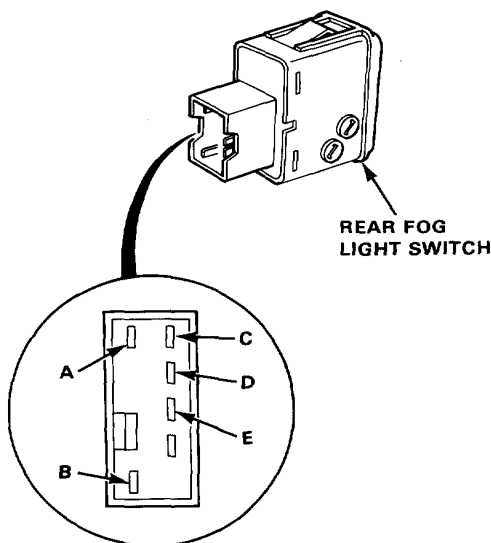




Rear Fog Light Switch Test

1. Remove the instrument panel (See page 16-120).
2. Remove the fog light switch.
3. Check for continuity between the terminals in each switch position according to the table.

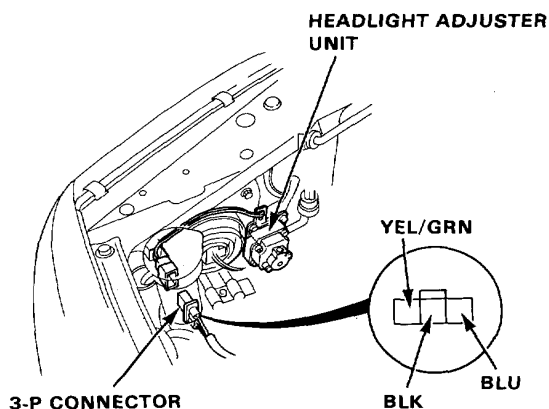
Terminal Position	A	B	C	D	E
OFF		○	○	○	○
ON	○	○	○	○	○



Headlight Adjuster Unit Input Test (KG model only)

NOTE: Check for blown No.5 (7.5 A) fuse in the dash fuse box before input test.

1. Disconnect the 3-P connectors for the R and L headlight adjuster units.



2. Check for continuity between the BLK terminal and body ground.
There should be continuity.
 - If there is no continuity, check for
 - An open in the BLK wire.
 - Poor ground (G 502).
 - If there is continuity, go to step 3.
3. Check for voltage between the YEL/GRN terminal and body ground with the ignition switch ON.
There should be battery voltage.
 - If there is no voltage, check for an open in the YEL/GRN wire.
 - If there is battery voltage, go to step 4.
4. Using an ohmmeter, measure resistance between the BLU terminal and body ground in "0" position of headlight adjuster switch. There should be approximately 715Ω.
 - If resistance is not within specification, check for
 - An open in the BLU wire.
 - Faulty headlight adjuster switch.
 - If resistance is within specification, go to step 5.
5. If all tests are normal, but the headlight adjuster unit does not operate. Check for frozen, stuck or improperly installed the headlight adjuster unit. If mechanical check is OK, replace the headlight adjuster unit.

NOTE: Check for connection of 3-P connectors after test. For example, malfunction of headlight adjuster is occurred by improper connection of one side.

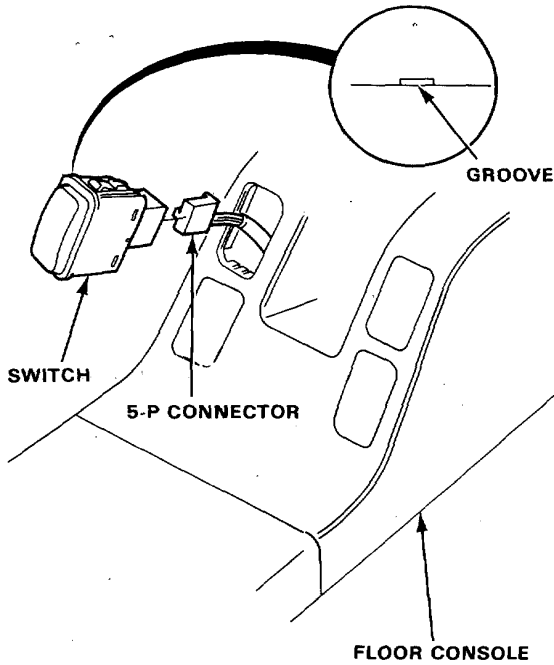
Lighting System

Headlight Adjuster Switch Removal (KG model only)

1. Carefully pry out the headlight adjuster switch from the floor console.

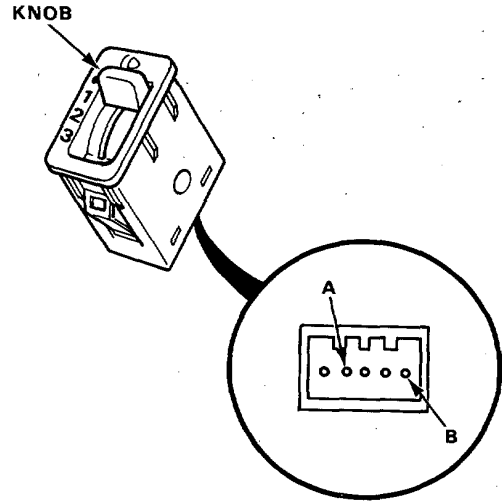
NOTE: Be careful not to damage the switch or floor console when prying out the switch.

2. Disconnect the 5-P connector from the switch.



Headlight Adjuster Switch Test (KG model only)

1. Remove the switch from the floor console.
2. Measure the resistance between the A and B terminals at •, 1, 2 and 3 positions by moving the knob. Replace the switch if the resistance is not within specifications.



Knob Position	•	1	2	3
Resistance (Ω)	715	310	160	0



Dim-Dip Resistor Test

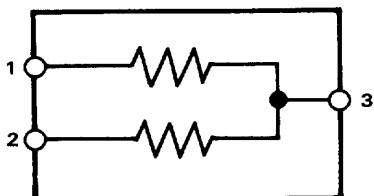
CAUTION: Dim-Dip resistor becomes very hot in use of Dim-Dip headlights; do not touch it or the attaching hardware immediately after they have been turned off.

1. Disconnect the 3-P connector from the resistor.
2. Using an ohmmeter, measure resistance between the terminals. Replace the resistor if the resistance is not within specifications.

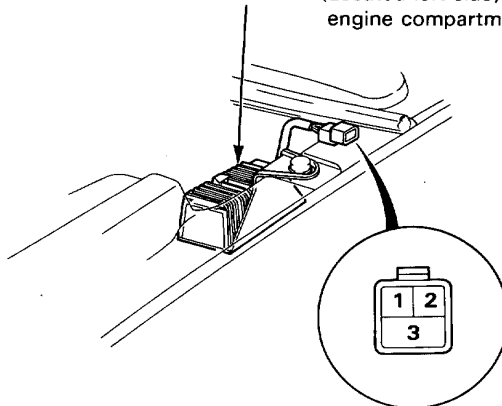
NOTE: Resistance will vary with the resistor temperature; specifications are at 20°C (70°F).

L. Headlight Resistance
(between the 1 and 3 terminals):
1.9—2.1 ohms

R. Headlight Resistance
(between the 2 and 3 terminals):
1.9—2.1 ohms



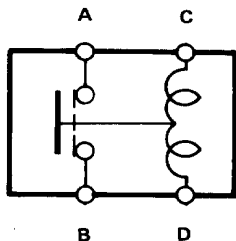
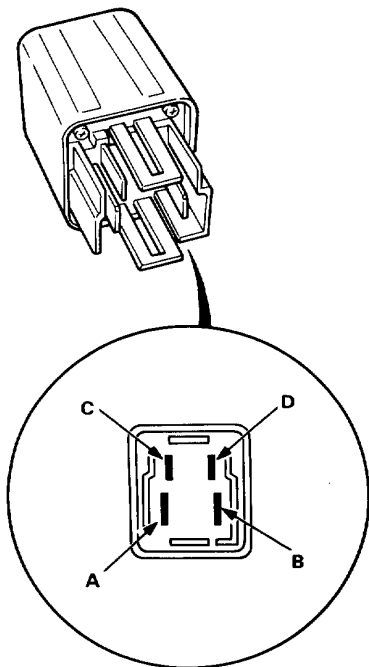
RESISTOR (Located left side,
engine compartment)



Lighting System

Lighting Relay Test

1. Remove the lighting relay in the under-hood relay box.
2. There should be continuity between the A and B terminals when the battery is connected to the C and D terminals.
There should be no continuity when the battery is disconnected.



Dimmer Relay Test

1. Remove the dimmer relay in the under-hood relay box.
2. There should be continuity between the A and C terminals when the battery is connected to the E and F terminals.
There should be no continuity when the battery is disconnected.

