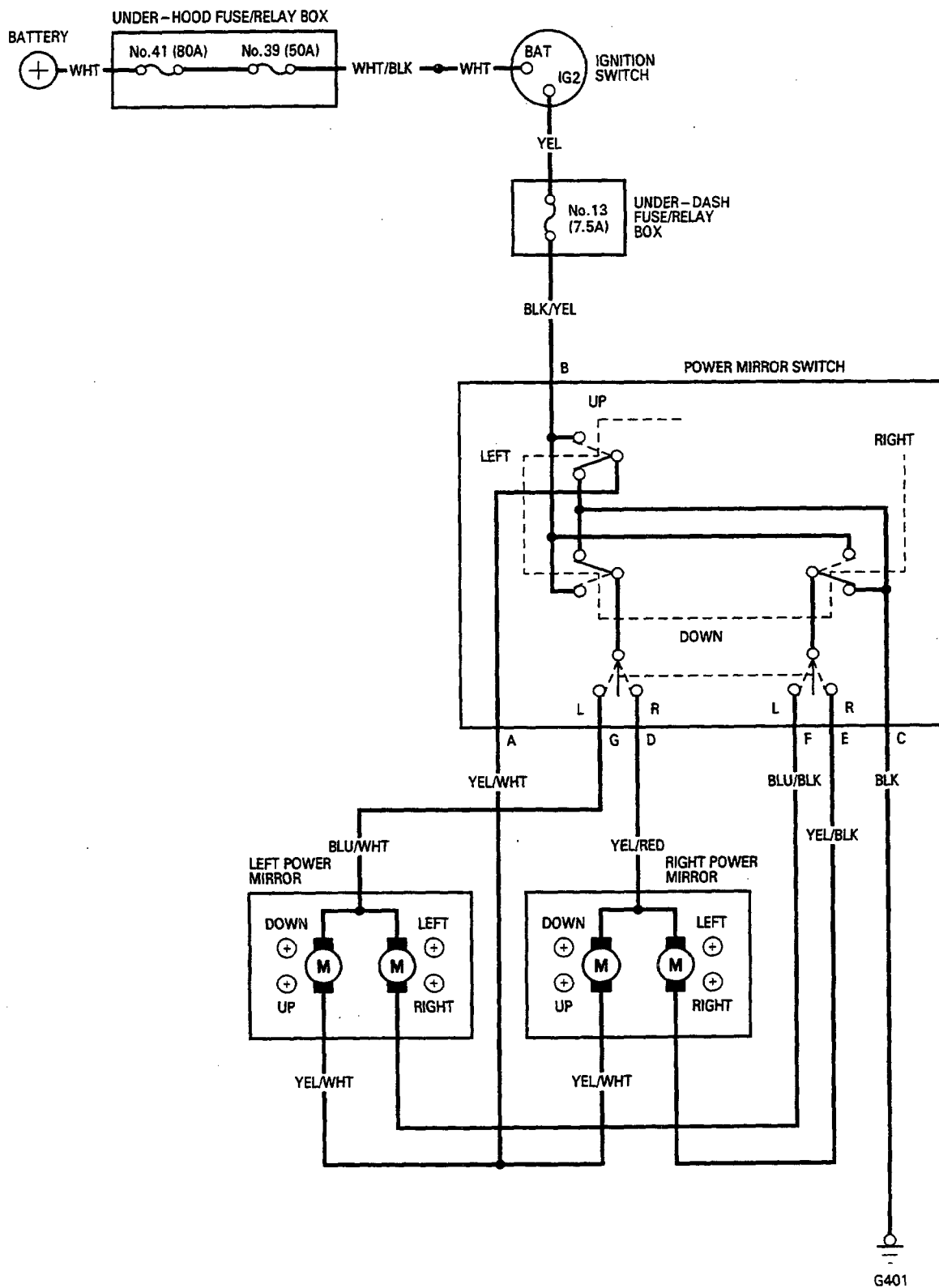


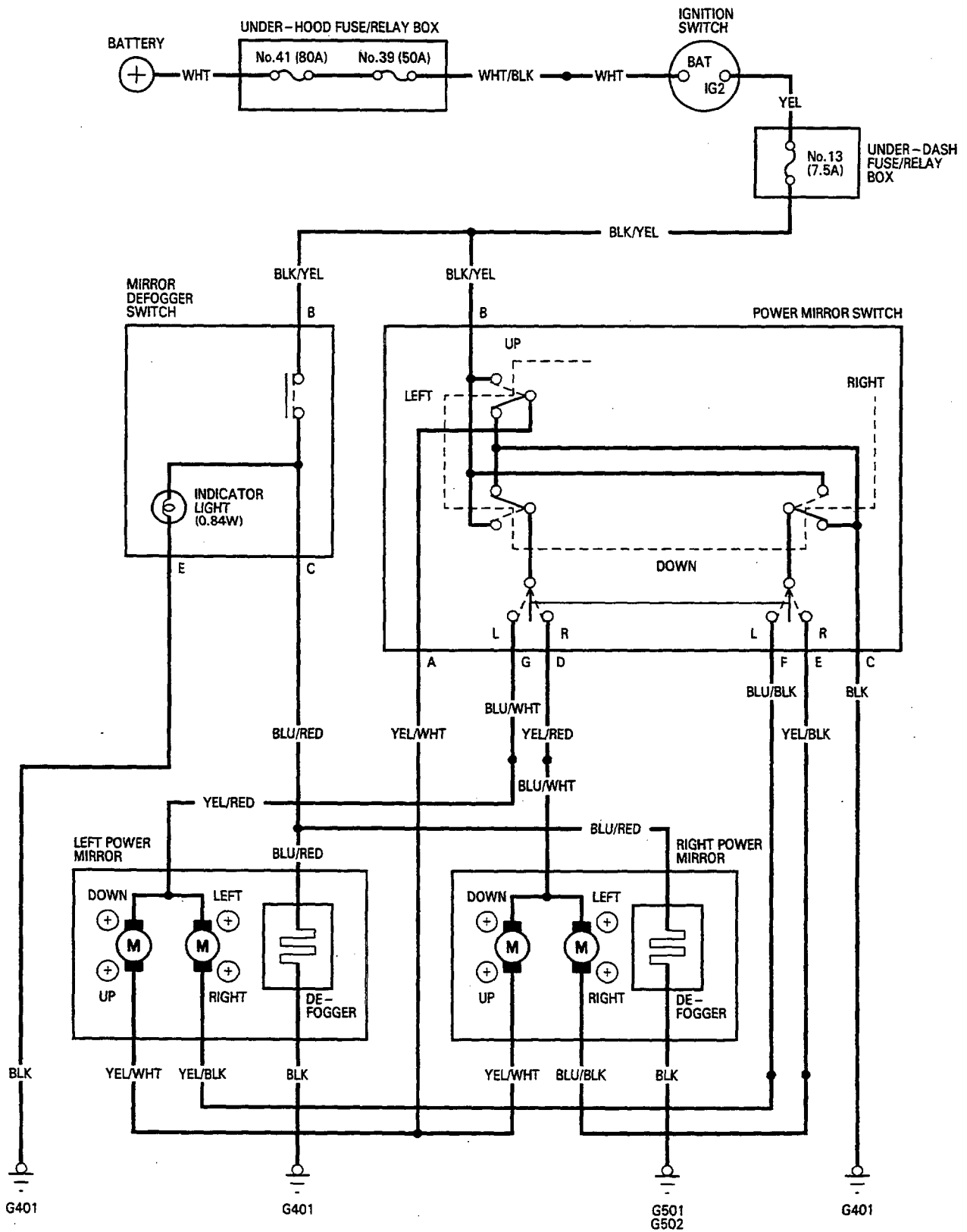
# Power Mirrors

## Circuit Diagram (KG model)





# Circuit Diagram (KE model)

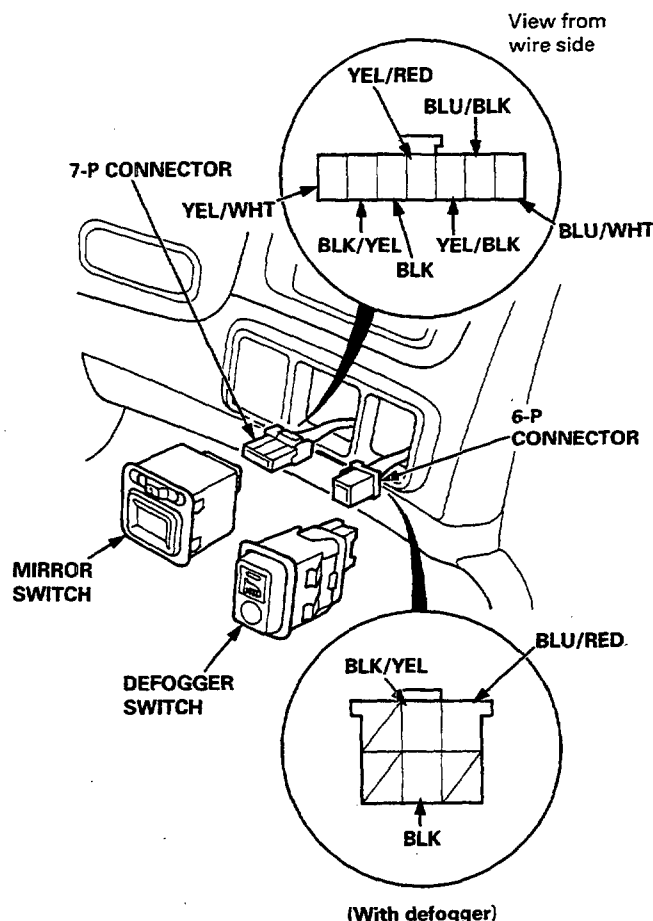


# Power Mirrors

## Function Test

### NOTE:

- Before testing, check the No.13 (7.5 A) fuse in the under-dash fuse/relay box.
- To test, remove the dashboard lower cover, and push out the switches from behind the dashboard.
- RHD type is shown, LHD type is similar.



### Mirror Actuator Test

#### One or both inoperative:

1. Check for voltage between the BLK/YEL terminal of the 7-P connector and body ground with the ignition switch ON (II).  
There should be battery voltage.
  - If there is no voltage, check for an open in the BLK/YEL wire.
  - If there is battery voltage, go to step 2.
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 (G401).

### Left mirror inoperative:

Connect the BLK/YEL terminal of the 7-P connector to the BLU/WHT terminal, and the YEL/WHT (or BLU/BLK) terminal to body ground with jumper wires.

The left mirror should tilt down (or swing left) with the ignition switch ON (II).

- If the mirror does not tilt down (or does not swing left), check for an open in the YEL/WHT (or BLU/BLK) wire between the left mirror and the 7-P connector. If the wire is OK, check the left mirror actuator.
- If the mirror neither tilts down nor swings left, repair the BLU/WHT wire.
- If the mirror operates properly, check the mirror switch.

### Right mirror inoperative:

Connect the BLK/YEL terminal of the 7-P connector to the YEL/RED terminal, and the YEL/WHT (or YEL/BLK) terminal to body ground with jumper wires.

The right mirror should tilt down (or swing left) with the ignition switch ON.

- If the mirror does not tilt down (or does not swing left), check for an open in the YEL/WHT (or YEL/BLK) wire between the right mirror and the 10-P connector. If the wire is OK, check the right mirror actuator.
- If the mirror neither tilts down nor swings left, repair the YEL/RED wire.
- If the mirror works properly, check the mirror switch.

### Defogger Test (With defogger)

1. Check for voltage between the BLK/YEL terminal of the 6-P connector and body ground with the ignition switch ON (II).  
There should be battery voltage.
  - If there is no voltage, check for an open in the BLK/YEL wire between the under-dash fuse/relay box and the 6-P connector.
  - If there is battery voltage, go to step 2.
2. Connect the BLK/YEL terminal of the 6-P connector to the BLU/RED terminal with a jumper wire. Both the right and left mirrors should gradually warm up with the ignition switch ON (II).
  - If neither warms up, repair the BLU/RED wire.
  - If only one fails to warm up, check its mirror defogger element.
  - If both warm up, check the switch.



## Switch Tests

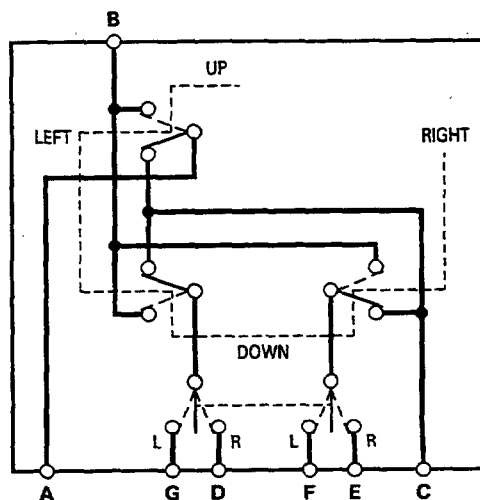
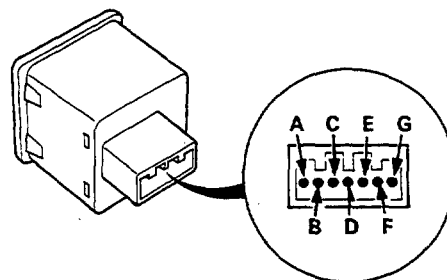
1. Remove the dashboard lower cover.
2. Push out the switches from behind the dashboard.
3. Disconnect the connectors, and check for continuity between the terminals in each switch position according to the table.

### Mirror Switch:

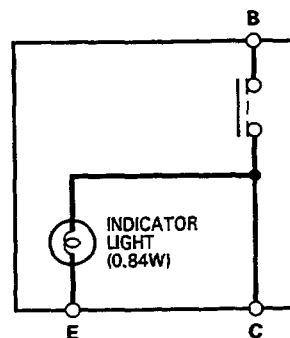
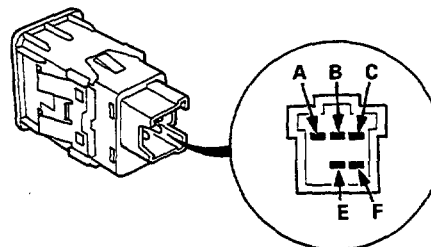
Terminal		B	C	A	F	G	E	D
Position								
R	ON		○	○			○	○
	UP	○	○	○			○	○
	DOWN	○	○	○			○	○
	LEFT	○	○	○			○	○
	RIGHT	○	○	○			○	○
L	OFF		○	○	○	○		
	UP	○	○	○	○	○		
	DOWN	○	○	○	○	○		
	LEFT	○	○	○	○	○		
	RIGHT	○	○	○	○	○		

### Defogger Switch:

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



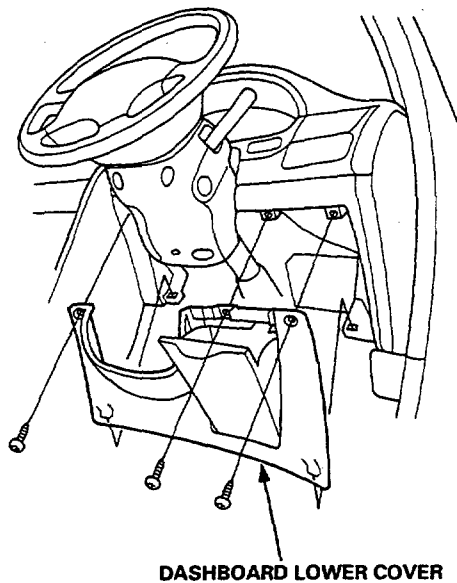
With defogger:



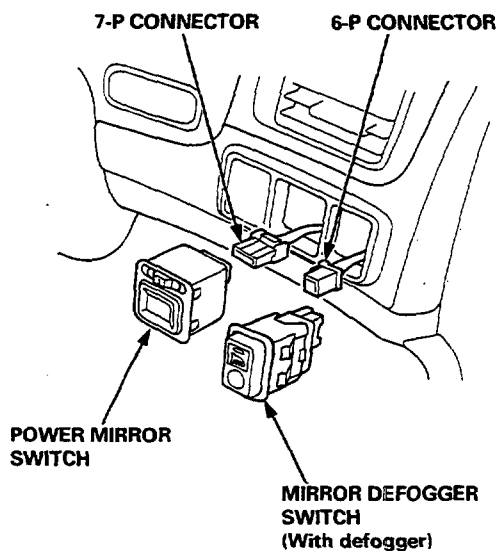
# Power Mirrors

## Switch Removal

1. Remove the dashboard lower cover.

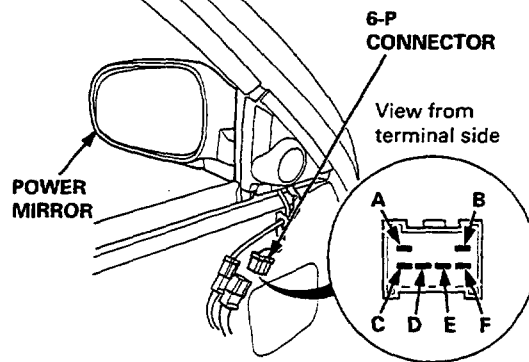


2. Push out the switches from behind the dashboard.
3. Disconnect the connectors.



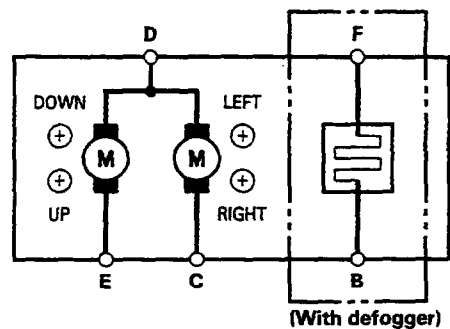
## Power Mirror Test

1. Remove the door panel (see section 20).
2. Disconnect the 6-P connector from the power mirror actuator.



3. Check mirror actuator operation by connecting power and ground according to the table.

Terminal	C	D	E
Position			
TILT UP		⊖	⊕
TILT DOWN		⊕	⊖
SWING LEFT	⊖	⊕	
SWING RIGHT	⊕	⊖	



### With defogger

4. Check for continuity between the B and F terminals (R x 10<sup>3</sup> scale). There should be continuity.
5. If the power mirror fails to operate properly, replace it.