

2005-08 ACCESSORIES AND EQUIPMENT

Automatic Dimming Inside Mirror - RL

CIRCUIT DIAGRAM

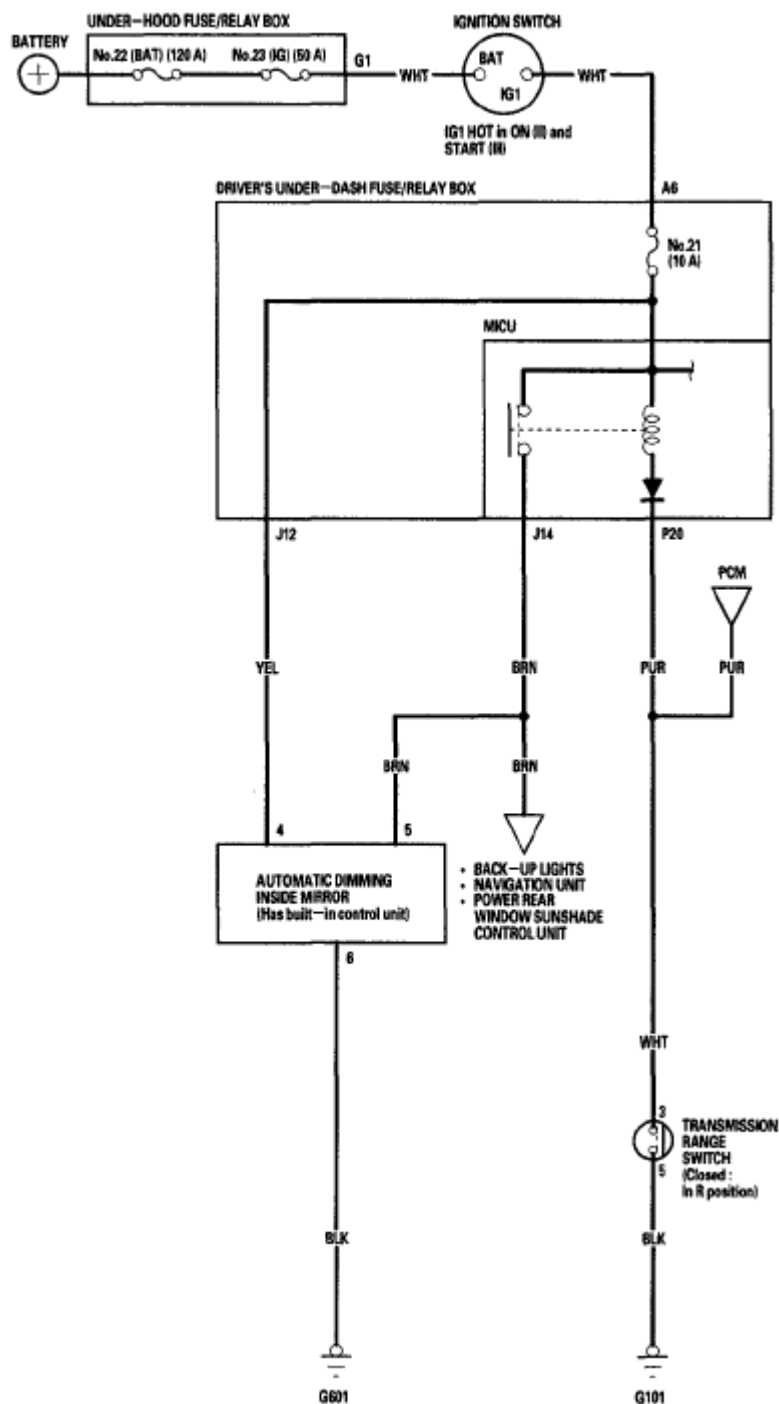


Fig. 1: Automatic Dimming Inside Mirror - Circuit Diagram
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

SYSTEM DESCRIPTION

The automatic dimming inside mirror has a front-facing lux level sensor (A), a rear-facing lux level sensor (B), and a control unit. The control unit receives signals from each sensor. Based on the difference between the two lux levels (the light outside the vehicle and the light from the headlights of the other vehicle, etc.), the control unit controls the electro-chromic gel to reduce the glare. This dimming function is canceled when the transmission is in reverse, or when the automatic dimming off switch (C) is turned OFF.

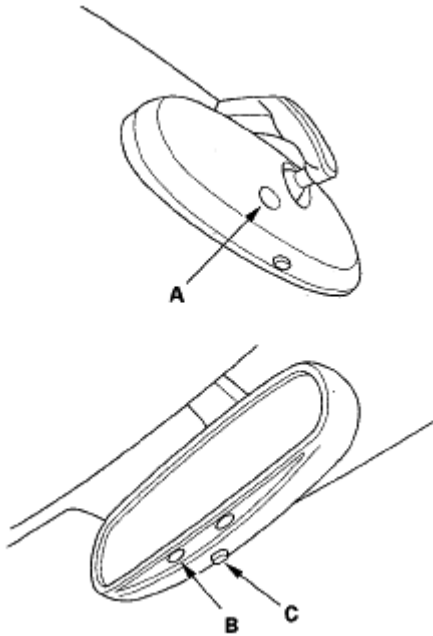


Fig. 2: Identifying Rear-Facing Lux Level Sensor And Front-Facing Lux Level Sensor
Courtesy of AMERICAN HONDA MOTOR CO., INC.

TEST/REPLACEMENT

1. Remove the roof console front cover.
2. Disconnect the 6P connector (A) from the automatic dimming inside mirror (B).

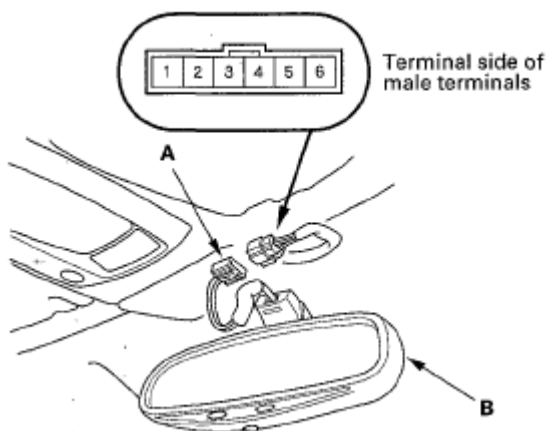


Fig. 3: Identifying Automatic Dimming Inside Mirror And 6P Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Check for continuity between No. 6 terminal and body ground.

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- If there is continuity, go to step 4.
 - If there is no continuity, check for:
 - An open in the wire.
 - Poor ground (G 601).
4. Measure the voltage between No. 4 terminal and body ground with the ignition switch ON (II).
- If there is battery voltage, go to step 5.
 - If there is no voltage, check for:
 - Blown No. 21 (10A) fuse in the driver's under-dash fuse/relay box.
 - An open in the wire.
5. Measure the voltage between No. 5 terminal and body ground with the ignition switch ON (II) and the transmission range switch in R position.
- If there is battery voltage, replace the mirror assembly.
 - If there is no voltage, check for:
 - An open in the wire.
 - Faulty driver's under-dash fuse/relay box.
 - Faulty transmission range switch.