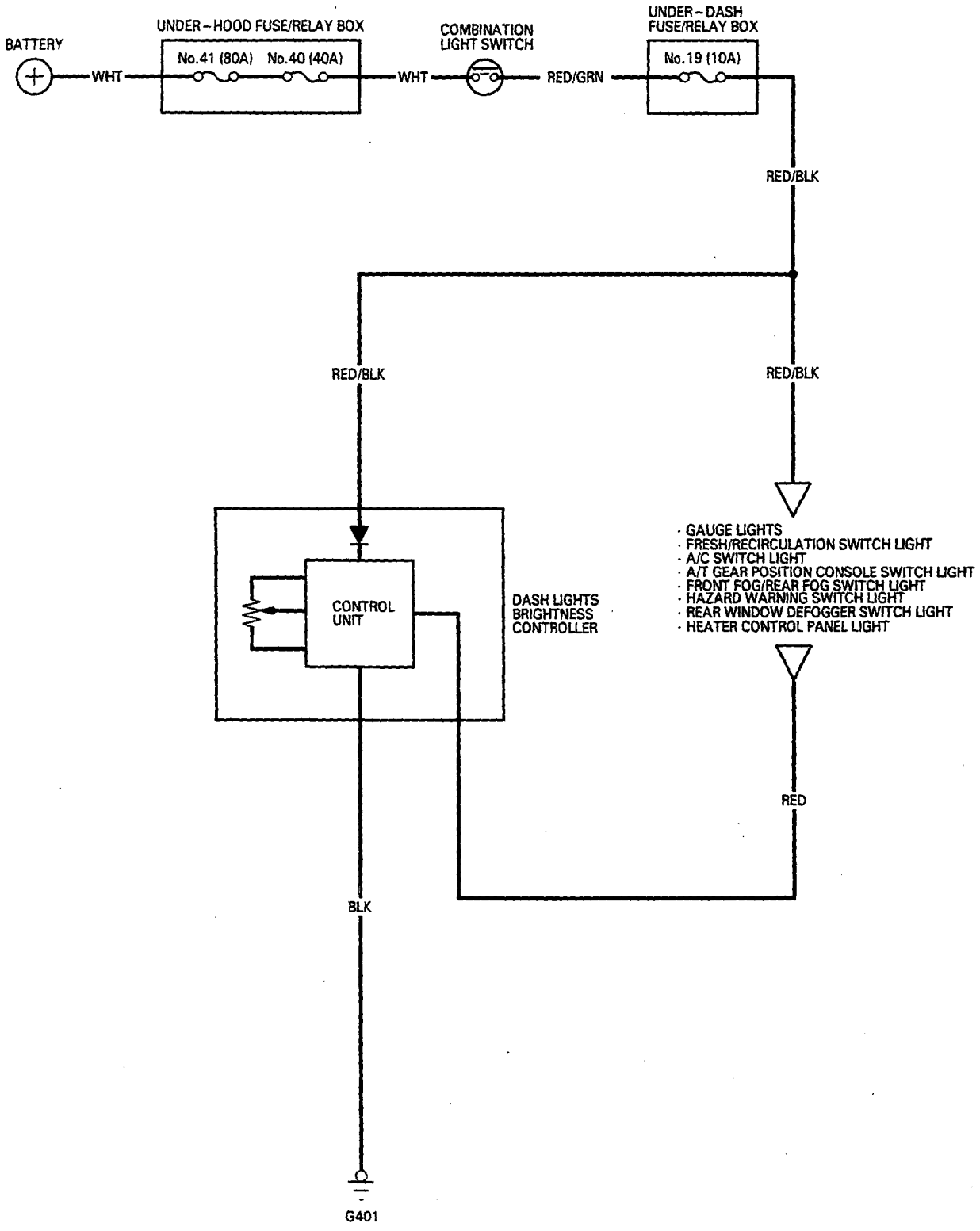
# Dash Lights Brightness Controller

## Circuit Diagram



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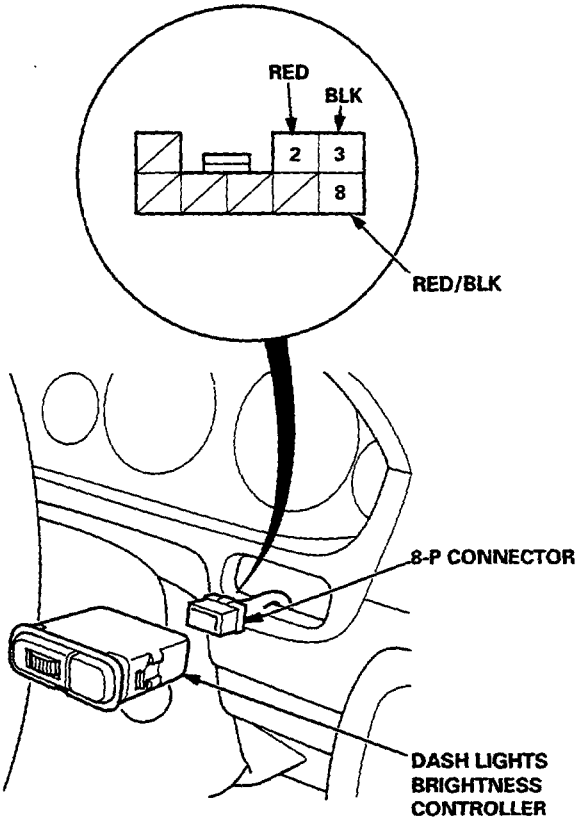
## Controller Input Test

NOTE: The control unit is built into the dash lights brightness controller.

1. Carefully pry the controller out of the dashboard, then disconnect the 8-P connector from the controller.
2. Inspect the connector and socket terminals to be sure they are all making good contact.
   - If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.
   - If the terminals look OK, make the following input tests at the connector.
     — If any test indicates a problem, find and correct the cause, then recheck the system.
     — If all the input tests prove OK, the controller must be faulty; replace it.

   NOTE: LHD type is shown, RHD type is similar.




| Terminal No. | Wire | Test condition | Test: Desired result | Possible cause if result is not obtained |
|---|---|---|---|---|
| 3 | BLK | Under all conditions | Check for continuity to ground: There should be continuity. | • Poor ground (G401)<br>• An open in the wire |
| 8 | RED/BLK | Headlight switch ON | Check for voltage to ground: There should be battery voltage. | • Blown No. 19 (10 A) fuse in the under-dash fuse/relay box<br>• Faulty combination light switch<br>• An open in the wire |
| 2 | RED | Headlight switch ON | Connect to ground: Dash lights should come on full bright. | • An open in the wire |