

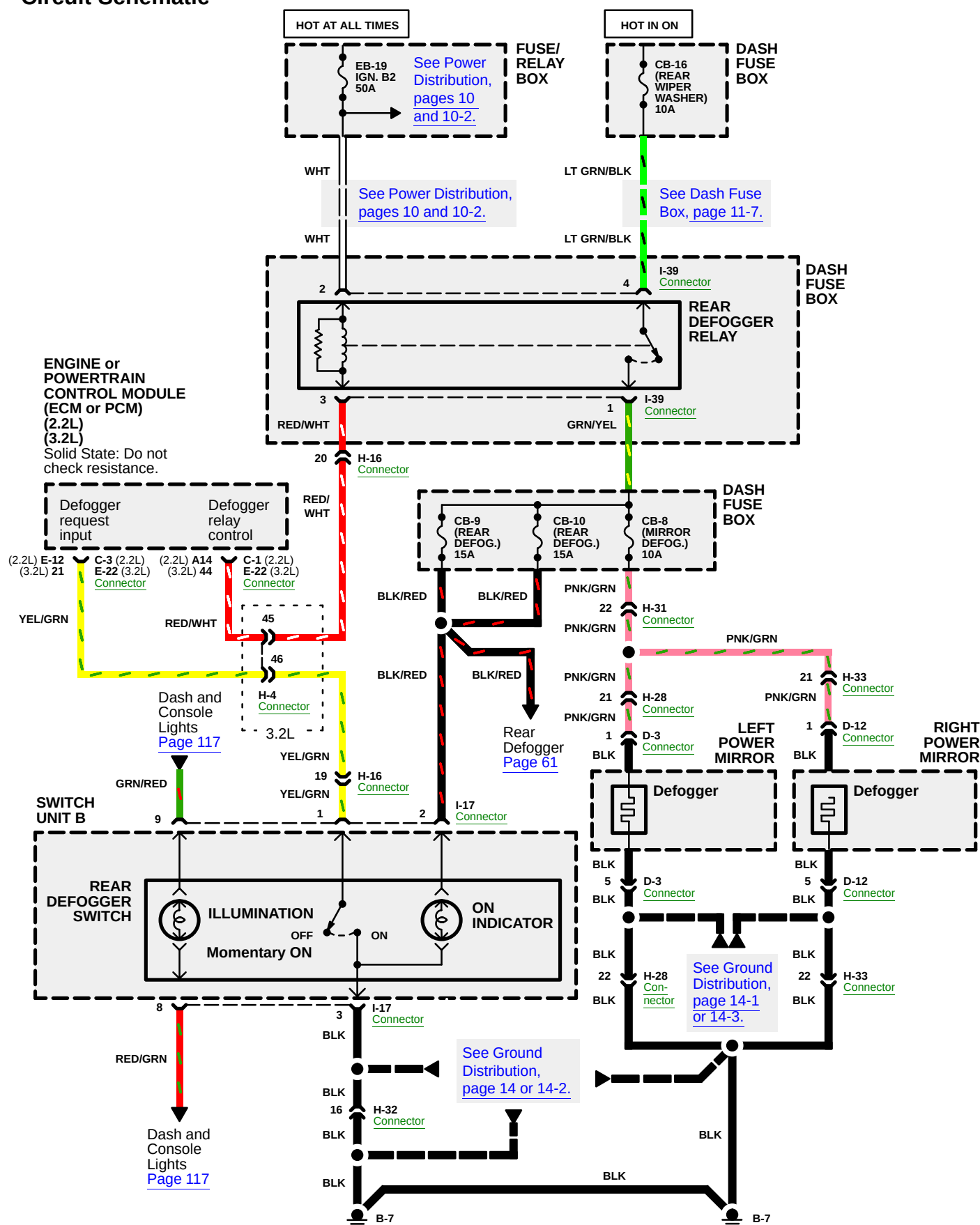
# POWER MIRROR DEFOGGERS

## Component Index

- Dash Fuse Box
- Engine or Powertrain Control Module (ECM or PCM)
- Fuse/Relay Box
- Left Power Mirror
- Mirror Defogger Switch
- Rear Defogger Relay
- Rear Defogger Switch
- Right Power Mirror

# POWER MIRROR DEFOGGERS: WITH REAR DEFOGGER

## Circuit Schematic





# POWER MIRROR DEFOGGERS

## Component Location Index

(Refer to Section 201 for photographs.)

| Component                                                                                  | Photo No. |
|--------------------------------------------------------------------------------------------|-----------|
| Dash Fuse Box . . . . . Left side of I/P, behind panel . . . . .                           | 58        |
| Engine or Powertrain Control Module (ECM or PCM) (2.2L) . . . . .                          |           |
| Left side of engine compartment . . . . .                                                  | 44        |
| Engine Control Module (ECM) (3.2L) . . . . .                                               |           |
| Below center of I/P . . . . .                                                              | 73        |
| Fuse/Relay Box . . . . . Right side of engine compartment, on inner fender panel . . . . . | 14        |
| Rear Defogger Relay . . . . . Left side of I/P, in dash fuse box . . . . .                 | 59        |
| <b>Connector</b>                                                                           |           |
| D-3 (8-WHT) . . . . . Top front of left front door . . . . .                               | 87        |
| D-12 (8-WHT) . . . . . Top front of right front door . . . . .                             | 87        |
| H-4 (52-GRY) . . . . . Left side of engine compartment . . . . .                           | 27        |
| H-16 (22-BLK) . . . . . Behind left kick panel . . . . .                                   | 62        |
| H-28 (22-WHT) . . . . . Above left kick panel, in door grommet . . . . .                   | 112       |
| H-31 (22-WHT) . . . . . Behind left kick panel . . . . .                                   | 63        |
| H-32 (16-WHT) . . . . . Behind left kick panel . . . . .                                   | 62        |
| H-33 (22-WHT) . . . . . Above right kick panel, in door grommet . . . . .                  | 112       |
| <b>Ground</b>                                                                              |           |
| B-7 . . . . . Below center console . . . . .                                               | 81        |

## Circuit Operation

### With Rear Defogger

Voltage is applied at all times through the EB-19 IGN. B2 fuse, to the rear window defogger relay coil. With the starter switch in ON, voltage is applied through the CB-16 (REAR WIPER WASHER) fuse to the rear window defogger relay contacts.

When the rear window defogger switch is depressed, the ECM or PCM receives a ground input from the switch and, in turn, the ECM or PCM provides ground to the coils of the rear window defogger relay. The contacts close, applying ignition voltage to the rear window defogger, rear window defogger indicator light (through the CB-9 & CB-10 (REAR DEFOG.) fuses), and the left and right power mirror defoggers (through the CB-8 (MIRROR DEFOG.) fuse). The ECM or PCM acts as the timer for the rear window defogger relay and keeps the contacts closed, maintaining the operation of the rear window defogger, left and right mirror defoggers and indicator light for 10 minutes or until the ignition is turned to “ACC” or “OFF”, or the rear window defogger switch is depressed again. The rear window and mirrors heat to remove any fog from the glass and the indicator stays on to remind the driver that it is in use.

### Without Rear Defogger

With the starter switch in ON, voltage is applied through the CB-8 (MIRROR DEFOG.) fuse to the mirror defogger switch. When you press the mirror defogger switch to the ON position, ignition voltage is applied to the left and right power mirror defoggers and the defogger indicator light. The mirrors heat to remove any fog from the glass and the indicator comes on to remind the driver that it is in use.