

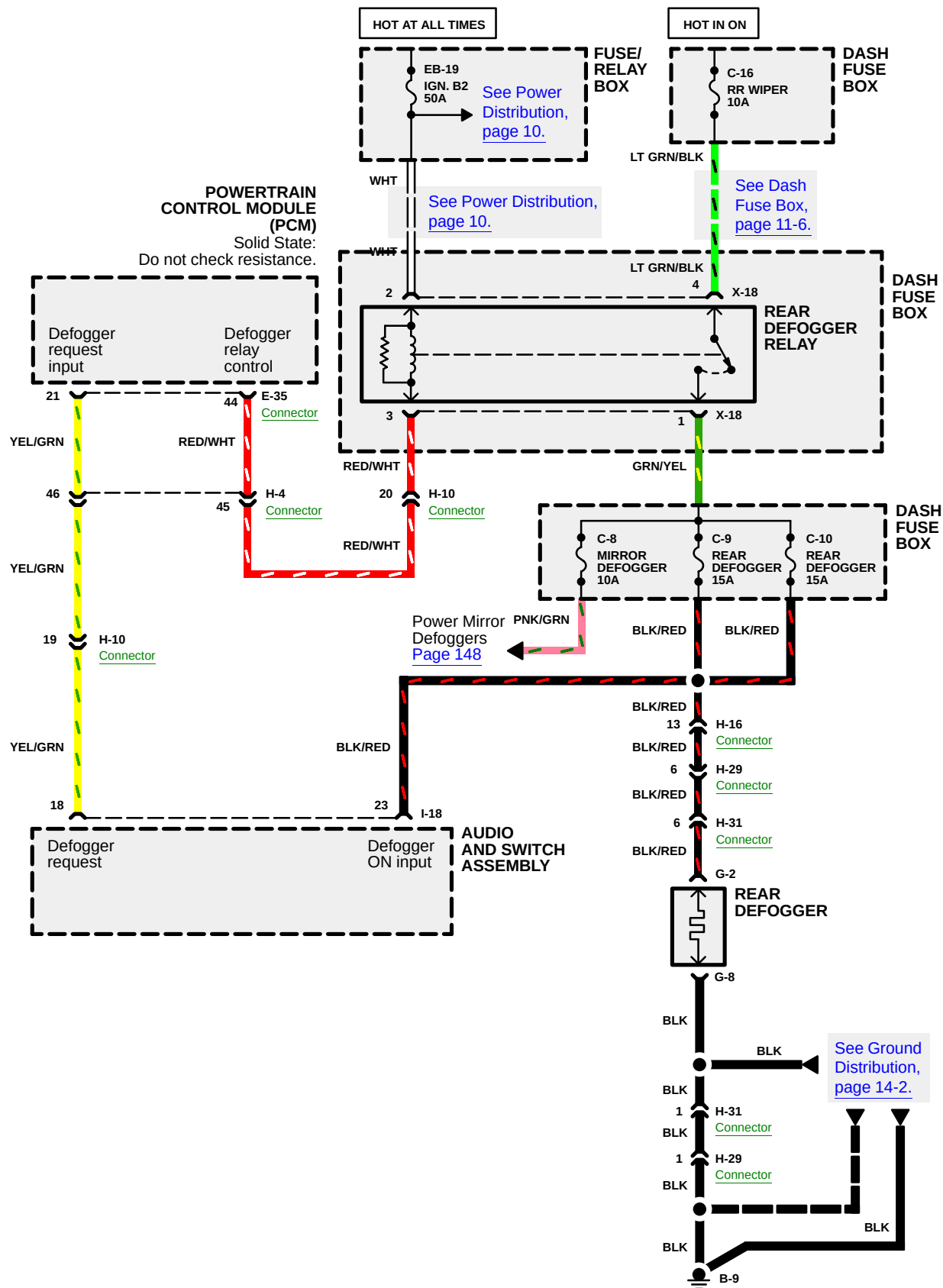
REAR DEFOGGER

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REAR DEFOGGER

Circuit Schematic



REAR DEFOGGER

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Audio and Switch Assembly	Center of I/P
Dash Fuse Box	Behind left I/P side trim panel 42
Fuse/Relay Box	Right side of engine compartment 8
Powertrain Control Module (PCM)	Left side of engine compartment 26
Rear Defogger Relay	In the dash fuse box 43
Connector	
G-2 (1-BLK)	Upper left side of tailgate door 89
G-8 (1-BLK)	Upper right side of tailgate door 89
H-4 (52-GRY)	Left side of engine compartment 31
H-10 (22-BLK)	Behind left kick panel 46
H-16 (16-WHT)	Behind left kick panel 46
H-29 (6-BLK)	Left rear side of roof 91
H-31 (6-BLK)	Upper left side of tailgate (panel removed) 89
Ground	
B-9	Under center console 71

Circuit Operation

Voltage is applied at all times through the EB-19 IGN. B2 fuse to the rear defogger relay coil. With the starter switch in ON, voltage is applied through the C-16 RR WIPER fuse to the rear defogger relay contacts.

When you push the rear defogger switch to the ON position, battery voltage is applied from the C-8 (MIRROR DEFOG.) fuse to the left and right power mirror defoggers. The power mirror defogger heats up to remove any fog from the mirrors.

When the rear window defogger switch is depressed, the PCM receives an input from the switch and, in turn, the 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 C-9 and C-10 REAR DEFOG. fuses), and the left and right power mirror defoggers (through the C-8 MIRROR DEFOG. fuse). The 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.