

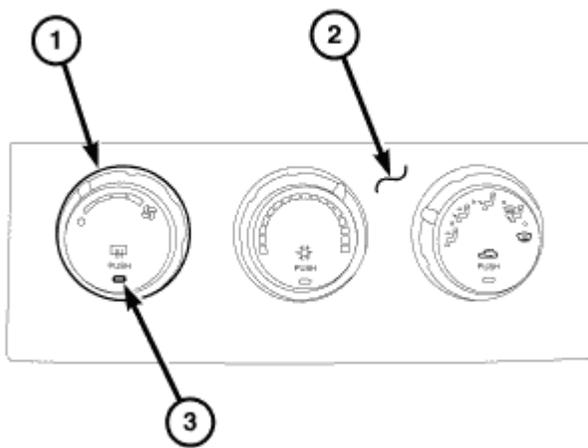
2007 ACCESSORIES AND EQUIPMENT

Heated Mirrors - Service Information - Nitro

HEATED MIRRORS - SERVICE INFORMATION

DESCRIPTION

HEATED MIRROR SYSTEM



81923288

Fig. 1: EBL Switch

Courtesy of CHRYSLER LLC

When equipped, the heated mirror system operates in concert with the rear window defogger (EBL) system. The EBL system is controlled by a momentary push-button switch (1) integral to the blower motor control located on the A/C-heater control (2) in the instrument panel. When the rear window defogger switch is pressed to the On position with the ignition switch in RUN, the switch sends a request signal over the CAN-IHS bus to the totally integrated power module (TIPM) to energize the EBL relay. When energized, the EBL relay provides battery current to the rear window defogger grid lines and to the heated side view mirrors. The heated side view mirrors help clear the mirror surfaces of fog or frost.

An amber indicator (3) in the rear window defogger switch will illuminate to indicate when the heated mirror system is turned on.

NOTE: The heated mirror system turns off automatically after 10 minutes of initial operation. Each following activation cycle of the heated mirror system will last 5 minutes.

The heated mirror system will be automatically turned off after an initial programmed time interval of about 10 minutes as long as the ignition switch is in RUN. After the initial time interval has expired, if the rear window defogger switch is pressed to the on position again during the same ignition cycle, the heated mirror system will automatically turn off after about 5 minutes. The heated mirror system will also turn off if the ignition switch is

2007 Dodge Nitro R/T

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turned to any position other than RUN or by manually pressing the rear window defogger switch a second time.

Circuit protection for the heated mirror system is provided by fuse 54 located in the TIPM.

OPERATION

HEATED MIRRORS

When equipped, the heated mirror system is activated when the rear window defogger (EBL) system is turned on. Refer to **OPERATION** . When the heated mirror system is activated, an electric heater grid located behind the glass of each of the outside rear view mirror becomes energized and produces heat to help clear the mirror of ice, snow, or fog.

If the outside mirror heating grids are both inoperative, refer to **DIAGNOSIS AND TESTING** . If only one of the outside mirror heating grid is inoperative, refer to **DIAGNOSIS AND TESTING** .

The heating grid behind each outside mirror glass cannot be repaired and the mirror glass must be replaced if the heating grid is found inoperative or damaged. Refer to **REMOVAL** .