



# Rear Window Defogger Description and Operation

## [Rear Window Defogger System Components](#)

The rear window defogger system consist of the following components:

- HVAC control module
- Body control module (BCM)
- DEFOG relay
- Rear window defogger grid

## [Rear Window Defogger Operation](#)

When you turn the ignition to the ON position, ignition voltage is supplied to the DEFOG relay coil. Battery positive voltage is supplied at all times to the DEFOG relay switched input. When the rear window defogger switch is depressed, the HVAC control module illuminates the rear window defogger indicator and sends a class 2 message to the BCM. The BCM energizes the DEFOG relay by grounding the control circuit of the relay. This allows battery positive voltage from the relay switched input through the switch contacts and out the relay switched output to the rear window defogger.

When you turn ON the ignition and press the rear window defogger switch for the first time, the defogger cycle lasts 10 minutes. Further operation results in 5 minute defogger cycles.

