Ambient Air Temperature Sensor

What It Does: The Ambient Air Temperature Sensor (AAT) is used by the climate control module and body control module to report outside temperature readings as well as to control vehicles interior temperature on vehicles equipped with an automatic climate control system.

Location: The AAT sensor used as an ambient temperature sensor may be located behind the front grill or bumper fascia or inside one of the front fenders. Where the AAT is used for climate control several sensors may be used within the climate control system. The sensor could be mounted in a concealed location where it will be exposed to the cabin temperature or it may be found within the air duct system to control air blend doors for individual passenger comfort.

Failure Symptoms: Incorrect ambient temperature reading from the information center, failed temperature control within the cabin for passenger comfort