

# TEMPERATURE SENSORS



**ENGINE INTAKE**



**BATTERY**



**AIR CHARGE**



**ENGINE COOLANT**

## AIR CHARGE TEMPERATURE

Often confused with ambient temperature sensors, air charge sensors report the temperature of the air coming into the engine.

## ENGINE COOLANT TEMPERATURE

The ECM determines the engine coolant temperature by monitoring the signal output from the coolant temperature sensors.



**AMBIENT AIR**



**EGR VALVE**



**EXHAUST GAS (EGT)**



**FUEL**



**ENGINE CYLINDER HEAD**



**HVAC HEATER CORE**