

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0071 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT RANGE/PERFORMANCE - DTC CHART

P0071 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT RANGE/PERFORMANCE - DTC CHART

Description: This DTC sets when the ambient air temperature (AAT) sensor reading does not correlate with the other temperature sensor readings at ignition ON. The PCM runs this logic after an engine off and a calibrated soak period, typically 6 to 8 hours. This soak period allows the AAT sensor and the other temperature sensors to stabilize and not differ by greater than a calibrated value, typically 18°C (32.4°F).

Possible Causes:

- Damaged AAT sensor

Diagnostic Aids: Make sure the AAT sensor reading and the other temperature sensor readings are similar when the engine is cold and the vehicle has not been in direct sun light.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test FA .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0072 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT LOW - DTC CHART

P0072 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT LOW - DTC CHART

Description: This DTC sets when the ambient air temperature (AAT) sensor signal is less than the self-test minimum.

Possible Causes:

- AAT circuit short to ground
- Damaged AAT sensor

Diagnostic Aids:

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test FA .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0073 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT HIGH - DTC CHART

P0073 - AMBIENT AIR TEMPERATURE SENSOR CIRCUIT HIGH - DTC CHART