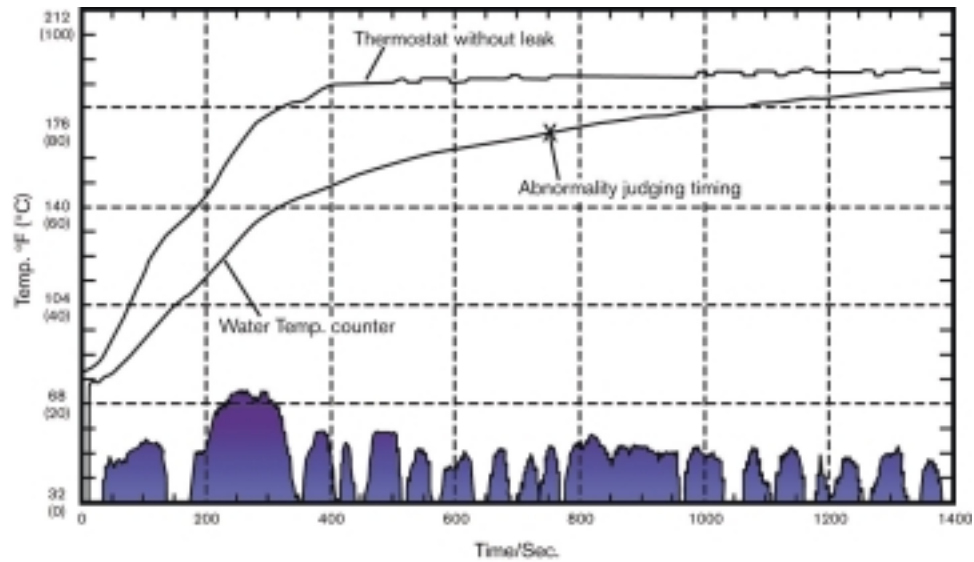


Additional Systems



Additional Systems

Thermostat Monitor

This monitor checks for the coolant temperature to rise to a minimum temperature of 75°C (167°F). When the coolant temperature is less than a predetermined value at engine start, the THW value is monitored during the first portion of the LA#4 driving cycle. The thermostat monitor phase began with the 2000 model year and will be complete with the 2002 model year.

Thermostat Monitor P0128

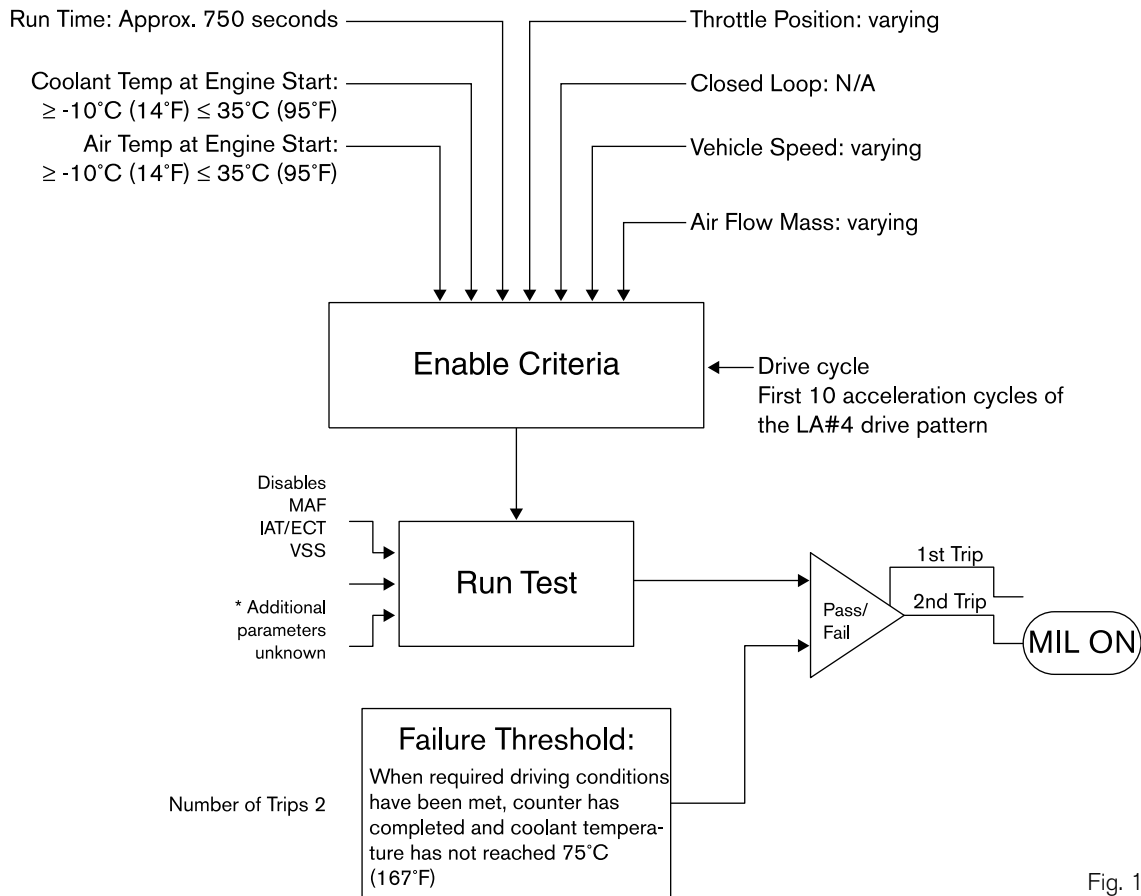


Fig. 10-1

TL874f1001

Thermostat Monitor DTC P0128

This chart shows the rise in coolant temperature during the LA#4 drive pattern. The water temperature counter is also shown. Note the point at which the ECM checks for abnormality (improper coolant temperature).

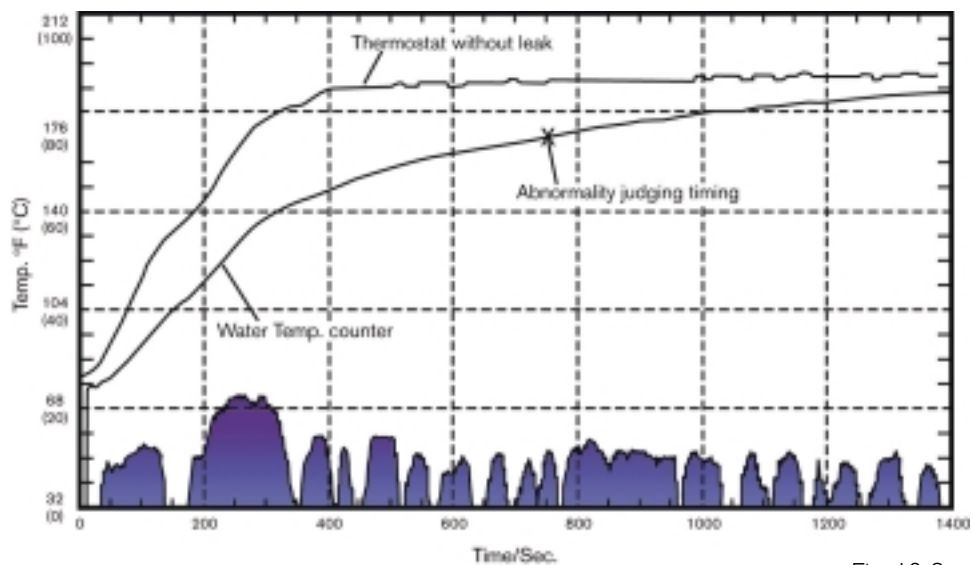


Fig. 10-2
TL874f1002

Thermostat Monitor DTC P0128 Thermostat Malfunction

When:

- coolant temperature at engine start is $> -10^{\circ}\text{C}$ (14°F) $< 35^{\circ}\text{C}$ (95°F)
- air temperature at engine start is $> -10^{\circ}\text{C}$ (14°F) $< 35^{\circ}\text{C}$ (95°F)
- during specified driving pattern and time period
- coolant temperature has not reached 75°C (167°F)