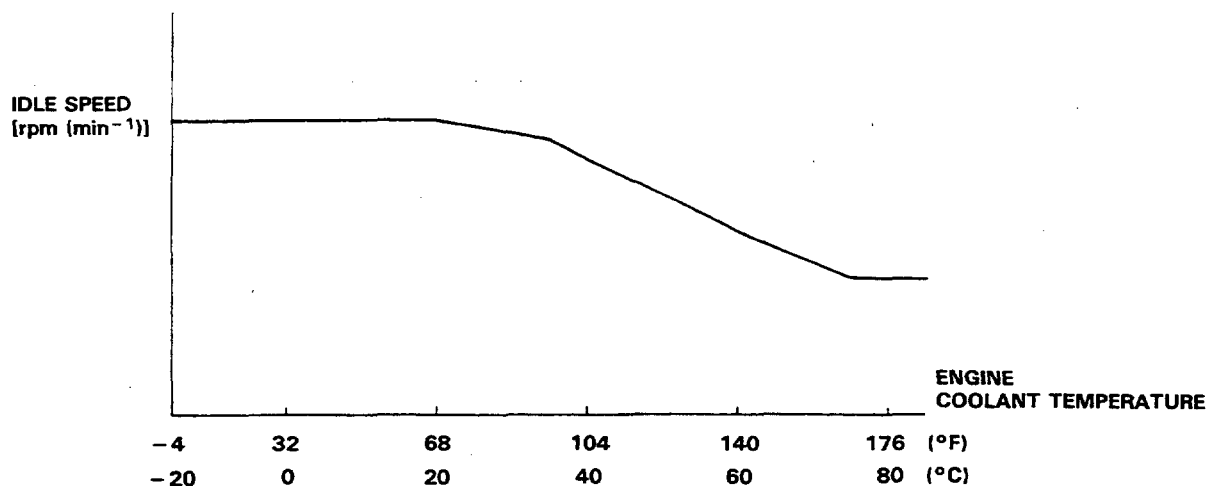


Idle Control System

System Description (cont'd)

1. After the engine starts, the IAC Valve opens for a certain time. The amount of air is increased to raise the idle speed about 150–300 rpm (min^{-1}).
2. When the engine coolant temperature is low, the IAC Valve is opened to obtain the proper fast idle speed. The amount of bypassed air is thus controlled in relation to the engine coolant temperature.



3. When the idle speed is out of specification and the Malfunction Indicator Lamp (MIL) does not blink Diagnostic Trouble Code (DTC) 14, check the following items:
 - Adjust the idle speed (see page 11-73)
 - Air conditioning signal (see page 11-64)
 - Alternator FR signal (see page 11-66)
 - A/T gear position signal (see page 11-68)
 - M/T clutch switch signal (D15Z3 engine) (see page 11-70)
 - Starter switch signal (see page 11-63)
 - Fast idle thermo valve (see page 11-72)
 - Hoses and connections
 - IAC Valve and its mounting O-rings
4. If the above items are normal, substitute a known-good IAC Valve and readjust the idle speed (see page 11-73).
 - If the idle speed still cannot be adjusted to specification (and the MIL does not blink code 14) after IAC Valve replacement, substitute a known-good ECM and recheck. If symptom goes away, replace the original ECM.