



Idle Control System

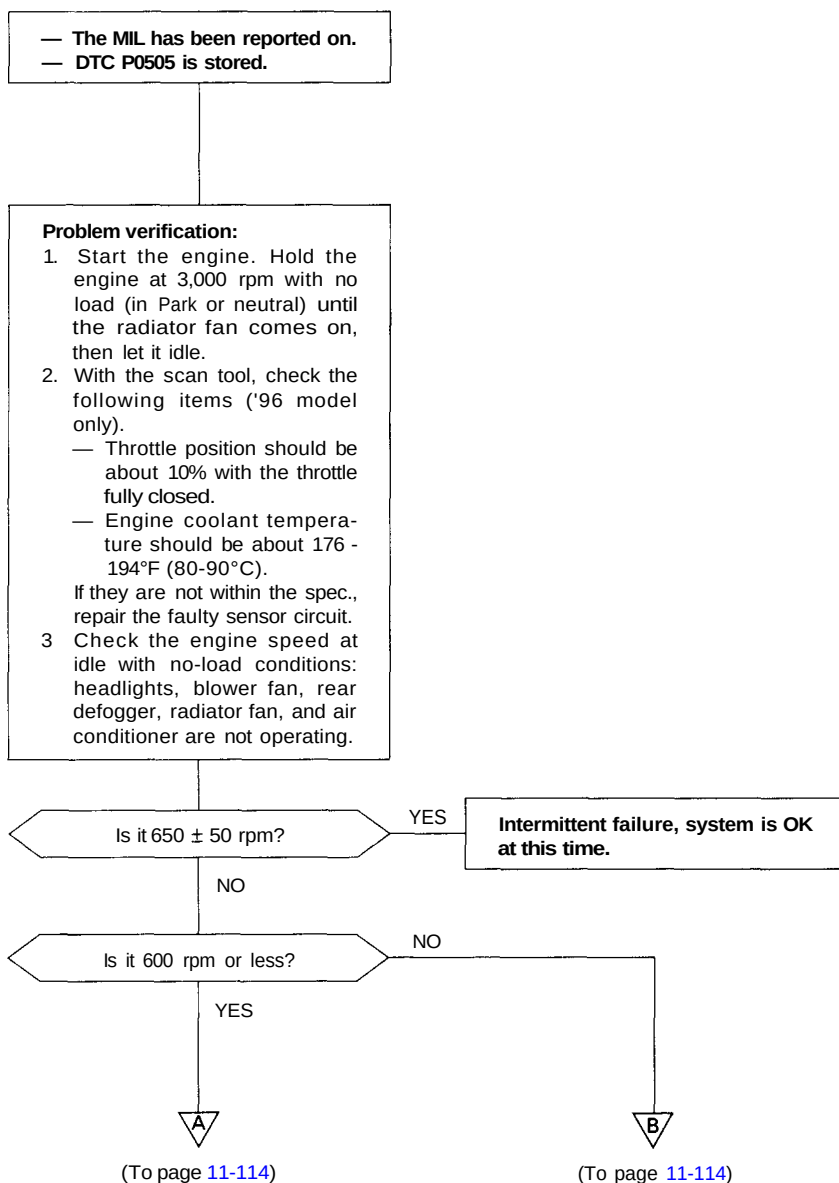
P0505 The scan tool indicates Diagnostic Trouble Code (DTC) P0505: Idle control system malfunction.

NOTE: If DTC P1508 is stored at the same time as DTC P0505, troubleshoot DTC P1508 first, then troubleshoot DTC P0505.

Possible Cause

- IAC valve mechanical malfunction
- Idle air control thermal valve malfunction
- Throttle body clogged port, improper adjustment
- Intake manifold gasket leakage
- Intake air hose loose or leaking
- Vacuum hoses leakage
- ECT sensor incorrect output
- Throttle Position sensor incorrect output*
- '96 model only

Troubleshooting Flowchart

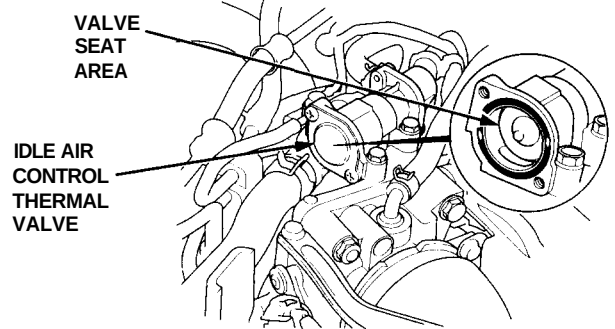
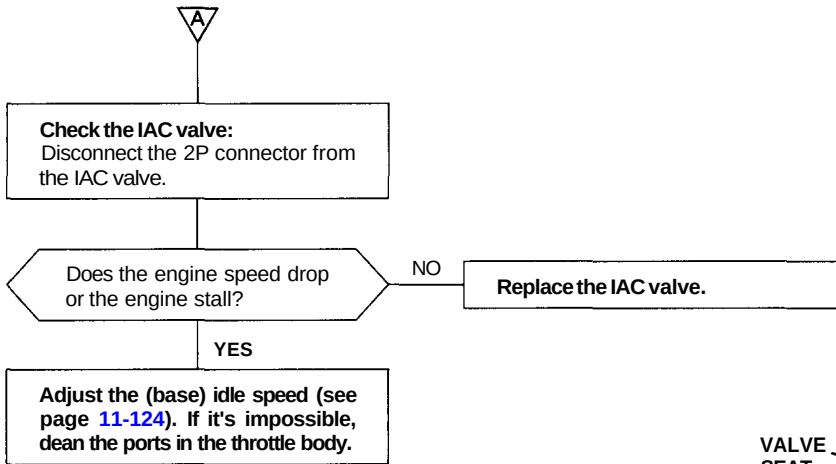


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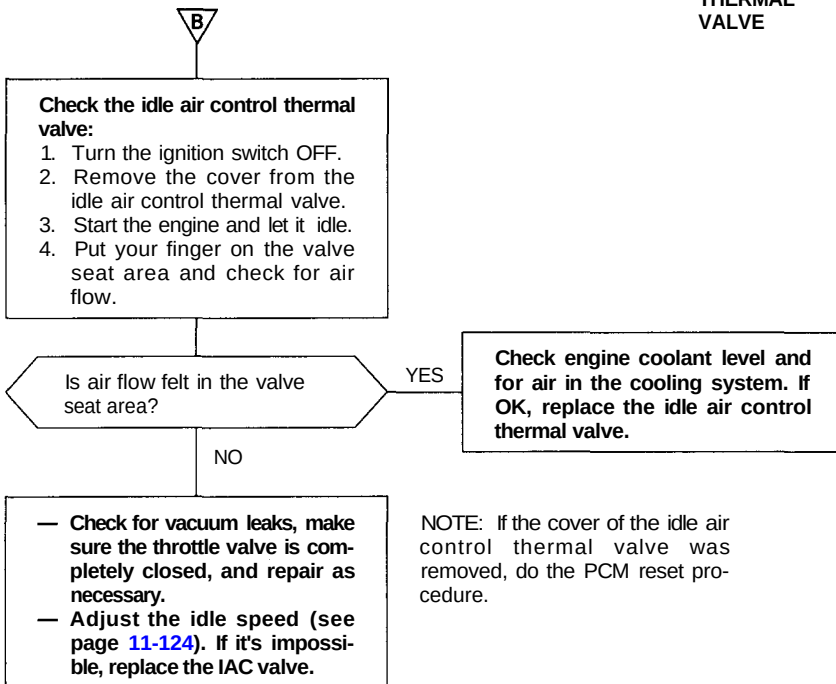
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Idle Control System (cont'd)

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NOTE: If the cover of the idle air control thermal valve was removed, do the PCM reset procedure.