

Possible Causes:

- Intake air leak after throttle body
- Vacuum leaks
- Damaged evaporative emission (EVAP) system
- Exhaust gas recirculation (EGR) valve leaks vacuum
- Damaged electronic throttle body (ETB)
- Damaged PCM

Diagnostic Aids: This DTC is informational only and it may be accompanied by other DTCs. Diagnose other DTCs first. If no other DTCs are present, inspect the intake air system for air restrictions, vacuum leaks, and damage. If no concerns are present, clear the DTC and repeat the self-test.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	Refer to the Description, Possible Causes and Diagnostic Aids for the DTC.		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P050A - COLD START IDLE AIR CONTROL PERFORMANCE - DTC CHART

P050A - COLD START IDLE AIR CONTROL PERFORMANCE - DTC CHART

Description: This DTC sets when the difference between desired and actual engine speed exceeds the calibrated threshold.

Possible Causes:

- Intake air restriction
- Exhaust restriction
- Engine mechanical concern
- Damaged or sludged electronic throttle body (ETB)
- Vacuum leaks
- Damaged PCM

Diagnostic Aids: Disregard the freeze frame data. Freeze frame data does not apply to the cold start monitor.

This DTC is informational only and may be accompanied by other DTCs. Diagnose other DTCs first. If no other DTCs are present, inspect the intake air system for air restrictions, vacuum leaks, and damage. If no concerns are present, clear the DTCs and verify the engine coolant temperature is below 37.8°C (100°F). Allow the vehicle to soak for 2 to 3 hours if necessary for the engine coolant temperature to fall below 37.8°C (100°F).

Start the engine without touching the accelerator pedal and allow the engine to idle for 6 minutes in