

NO.9 FAST IDLE/RUNS ON [LF]

B3E010318881W11

9	FAST IDLE/RUNS ON
DESCRIPTION	<ul style="list-style-type: none"> The engine speed continues at fast idle after warm-up. The engine runs after the ignition switch is turned off.
POSSIBLE CAUSE	<ul style="list-style-type: none"> ECT sensor malfunction Air leakage from intake-air system Throttle body malfunction Accelerator cable free play misadjustment Improper load signal input

Diagnostic procedure

STEP	INSPECTION	RESULTS	ACTION
1	Connect the WDS or equivalent to the DLC-2. Access ECT PID. Start and warm up engine to normal operating temperature. Is ECT PID between 82-112°C {180-234°F} ?	Yes	Go to the next step.
		No	ECT PID is higher than 112°C {234°F}: Go to symptom troubleshooting "No.17 Cooling system concerns - Overheating". (See NO.17 COOLING SYSTEM CONCERNS-OVERHEATING [LF] .) ECT PID is less than 82°C {180°F}: Go to symptom troubleshooting "No.18 Cooling system concerns - Runs cold". (See NO.18 COOLING SYSTEM CONCERNS-RUNS COLD [LF] .)
2	Connect the WDS or equivalent to the DLC-2. Retrieve any continuous memory DTCs. Are there any DTCs displayed?	Yes	DTC is displayed: Go to the appropriate DTC inspection. (See DTC TABLE [LF] .)
		No	No DTC is displayed: Go to the next step.
3	Connect the WDS or equivalent to the DLC-2. Access following PIDs. <ul style="list-style-type: none"> AC_REQ CPP (MTX) CPP/PNP (MTX) TR (ATX) PSP Monitor each PID.	Yes	Go to the next step.
		No	AC_REQ PID: Inspect the A/C switch, refrigerant pressure switch and the fan switch. CPP PID: (MTX) Inspect the clutch pedal position switch. (See CLUTCH PEDAL POSITION (CPP) SWITCH INSPECTION [LF] .) CPP/PNP PID: (MTX) Inspect neutral switch. (See NEUTRAL SWITCH INSPECTION [LF] .)

	(See PCM INSPECTION [LF] .) Are PIDs normal?		TR PID: (ATX) Inspect the TR switch. (See TRANSAXLE RANGE (TR) SWITCH INSPECTION .) PSP PID: Inspect EHPAS.
4	Is there air leakage felt or heard at the intake-air system components while racing engine to higher speed?	Yes	Repair or replace part if necessary.
		No	Verify the accelerator cable free play. (See ACCELERATOR CABLE INSPECTION/ADJUSTMENT [LF] .)
5	Verify test results. • If normal, return to diagnostic index to service any additional symptoms. (See ENGINE SYMPTOM TROUBLESHOOTING [LF] .) • If malfunction remains, inspect related Service information perform repair or diagnosis. - If vehicle repaired, troubleshooting completed. - If vehicle not repaired or additional diagnostic information not available, replace the PCM. (See PCM REMOVAL/INSTALLATION [LF] .)		