

Base Engine	REFER to the service information , Engine System, Diagnosis and Testing to continue diagnosis.
Additional Testing	GO to Pinpoint Test Z .

NO DIAGNOSTIC TROUBLE CODES (DTCS) PRESENT SYMPTOM CHARTS > CHART 7

- Backfires

SYSTEM/COMPONENT	REFERENCE (Pinpoint Test unless noted)
Secondary Ignition	For Fiesta 1.6L TIVCT, GO to Pinpoint Test JC . For all others, GO to Pinpoint Test JB .
Fuel Delivery System	GO to Pinpoint Test HC .
Base Engine	REFER to the service information Engine System, Diagnosis and Testing to continue diagnosis.
Exhaust System	GO to Pinpoint Test HF .
Additional Testing	GO to Pinpoint Test Z .

NO DIAGNOSTIC TROUBLE CODES (DTCS) PRESENT SYMPTOM CHARTS > CHART 8

- Lack/Loss of Power



NOTE: Verify the symptom is reported under normal driving conditions without excessive engine or vehicle load. Also, be aware of the engine RPM and speed limiting functions of the PCM.



NOTE: For vehicles equipped with a knock sensor (KS), a lack of power may result when the vehicle is operated with a breakout box installed at the PCM. The KS circuits are not shielded in a breakout box, and KS signal noise may be noticed by the PCM. If this happens, spark timing is retarded and a lack of power may result.



NOTE: For applications with a KS, a lack of power may result if the engine has developed an abnormal noise. The KS may interpret some abnormal noise as detonation and retard spark timing.

SYSTEM/COMPONENT	REFERENCE (Pinpoint Test unless noted)
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