

GENERAL INFORMATION

Engine Performance Diagnostic Routine Outline

WHERE DOES DRIVEABILITY DIAGNOSIS START?

PERFORM BASIC INSPECTION

1. Verify Customer Complaint
2. Perform Visual Inspection (**See Basic Diagnostic Procedures**)
3. Test Engine Sub-Systems (**See Basic Diagnostic Procedures**)
 - Mechanical Condition (Compression)
 - Ignition Output
 - Fuel Delivery
4. Check Air Induction System For Leaks
5. Check & Adjust Basic Engine Settings (**See On-Vehicle Adjustments**)
 - Ignition Timing
 - Idle Speed

CHECK FOR TROUBLE CODES

1. Check for Diagnostic Trouble Codes (DTCs). (**See Self-Diagnostics**)
2. Repair cause of DTCs.
3. Clear PCM memory and repeat self-test.

DIAGNOSE SYMPTOM

1. If no self-diagnostics available, or no trouble codes present, identify symptom.
2. See trouble shooting procedure to identify problem. (**See Trouble Shooting - No Codes**)

TEST SYSTEM

1. Perform required tests. (**See Systems & Component Testing**)
2. Verify complaint is repaired.