

5-: Symptom Chart 5

← [5-: Introduction](#)

5-1 PRELIMINARY CHECKS

- Perform the following preliminary checks:
 - Accelerator pedal for binding, broken return spring, stuck (floor mats)
 - External fuel source

Are all checks OK?

Yes	No
GO to 5-2 .	SERVICE as necessary. VERIFY a symptom no longer exists.

5-2 PERFORM QUICK TEST OPERATION

- Go to [Section 2C](#) , Diagnostic Methods. Perform Quick Test Operation.

Is a fault indicated?

Yes	No
GO to appropriate pinpoint test.	GO to 5-3 .

5-3 CHECK ACCELERATOR PEDAL

- Check for floor mat interference.
- Check bushing for damage.
- Check return spring.

Is a fault indicated?

Yes	No
SERVICE as required according to Service Manual direction.	GO to 5-4 .

5-4 CHECK CRANKCASE

- Check for overfilled crankcase.

Is crankcase overfilled?

Yes	No
DRAIN crankcase to correct level.	GO to 5-5 .

5-5 CHECK ENGINE OIL

- Check for coolant in engine oil.

Is there coolant in engine oil?

Yes	No
SERVICE as required according to Service Manual direction.	GO to 5-6 .

5-6 CHECK FOR FUEL CONTAMINATION

- Check crankcase for fuel contamination.

Does the crankcase have fuel contamination?

Yes	No
GO to Section 4C , Diagnostic Subroutines. PERFORM Performance Diagnostic Procedures.	GO to 5-7 .

5-7 CHECK EOT SENSOR

- Warm engine to between 15°C and 70°C (59°F and 158°F).
- Remove fill/check plug from high-pressure oil pump reservoir.
- Measure reservoir oil temperature with an A/C thermometer.
- Measure EOT using NGS tester or DVOM.

Do readings between EOT and thermometer agree within $\pm 3^{\circ}\text{C}$ ($\pm 5.4^{\circ}\text{F}$)?

Yes	No
GO to Symptom Chart 10 .	GO to Pinpoint Test Y . CONFIRM wiring is OK. If OK, REPLACE EOT according to Service Manual direction.
