

TROUBLESHOOTING

7. Fuel Flow Inspection

Inspect the fuel flow (page 6-35).

Is the fuel flow within specification?

YES – GO TO STEP 8.

NO –

- Clogged fuel feed hose
- Faulty fuel pump

8. Drive Train Inspection

Check the drive train

Is the drive train normal?

YES – GO TO STEP 9.

NO –

- Fouled or faulty drive belt
- Fouled or faulty drive pulley
- Fouled or faulty driven pulley
- Worn clutch shoes

9. Overheating Inspection

Check for engine overheating.

Is the engine overheating?

YES –

- Coolant level too low
- Faulty cooling fan
- Thermostat stuck closed
- Excessive carbon build-up in combustion chamber
- Use of poor quality fuel
- Lean fuel mixture

NO – GO TO STEP 10.

10. Engine Knocking Inspection

Accelerate or run at high speed.

Is the engine knocking?

YES –

- Worn piston and cylinder
- Wrong type of fuel
- Excessive carbon build-up in combustion chamber
- Ignition timing too advanced (faulty ECM)
- Lean fuel mixture

NO – GO TO STEP 11.

11. Cam sprocket Inspection

Check the cam sprocket installation.

Is the cam sprocket installed correctly?

YES – Perform the TP sensor reset procedure (page 6-45).

NO – Cam sprocket not installed properly