

POOR PERFORMANCE AT HIGH SPEED

1. Ignition Timing Inspection

Check the ignition timing.

Is the ignition timing as specified?

- NO** – • Faulty engine control module (ECM)
• Faulty ignition pulse generator
• Faulty cam pulse generator
• Faulty vehicle speed sensor
• Improper valve timing

YES – GO TO STEP 2.

2. Fuel Pump Inspection

Inspect the fuel flow.

Is the fuel pump unit operation normal?

NO – Faulty fuel pump unit (page 6-58).

YES – GO TO STEP 3.

3. Programmed Fuel Injection System Inspection

Check the fuel injection system.

Is the fuel injection system operation normal?

NO – Faulty fuel injection system (page 6-79), (page 6-67).

YES – GO TO STEP 4.

4. Valve Timing Inspection

Check the valve timing.

Is the valve timing correct?

NO – Camshafts not installed properly

YES – GO TO STEP 5.

5. Valve Spring Inspection

Check for the valve springs.

Is the valve spring free length as specified?

NO – Faulty valve springs

YES – Not weak

POOR HANDLING

Steering is heavy

- Steering stem adjusting nut too tight
- Damaged steering head bearings
- Low tire pressure

Either wheel is wobbling

- Excessive wheel bearing play
- Bent rim
- Swingarm pivot bearing excessively worn
- Bent frame

The motorcycle pulls to one side

- Front and rear wheel not aligned
- Faulty shock absorber
- Bent fork
- Bent swingarm
- Bent axle
- Bent frame