

TROUBLESHOOTING

POOR PERFORMANCE AT HIGH SPEED

POSSIBLE CAUSE

1. Check ignition timing and valve clearance — Incorrect —>
 - Improper valve clearance
 - Improper ignition timing (faulty ignition control module or ignition pulse generator)

Correct
2. Disconnect fuel line at carburetor — Fuel flow restricted —>
 - Lack of fuel in fuel tank
 - Clogged fuel line
 - Clogged fuel tank cap breather tube
 - Clogged fuel valve
 - Clogged fuel strainer

Fuel flows freely
3. Remove the carburetor and check for clogging — Clogged —>
 - Clean

Not clogged
4. Check valve timing — Incorrect —>
 - Cam sprocket not installed properly

Correct
5. Check valve spring tension — Weak —>
 - Faulty spring

Not weakened
6. Check muffler plate for clogging — Clogged —>
 - Remove and clean

POOR HANDLING

Check tire pressure

POSSIBLE CAUSE

1. If steering is heavy —>
 - Steering stem adjusting nut too tight
 - Damaged steering head bearings
2. If either wheel is wobbling —>
 - Excessive wheel bearing play
 - Bent rim
 - Improper installed wheel hub
 - Swingarm pivot bearing excessively worn
 - Bent frame
 - Loose swingarm pivot nut
3. If the motorcycle pulled to one side —>
 - Faulty shock absorber
 - Front and rear wheel not aligned
 - Bent fork
 - Bent swingarm
 - Bent axle
 - Bent frame