



POOR PERFORMANCE AT LOW AND IDLE SPEED

<p>1. Check ignition timing and camshaft</p> <p style="text-align: center;">CORRECT</p> <p>↓</p> <p>2. Check carburetor pilot screw adjustment</p> <p style="text-align: center;">CORRECT</p> <p>↓</p> <p>3. Check for leaking intake pipe</p> <p style="text-align: center;">NO LEAKS</p> <p>↓</p> <p>4. Perform spark test</p> <p style="text-align: center;">GOOD SPARK</p>	<p>INCORRECT →</p> <p>INCORRECT See Fuel System Section</p> <p>LEAKING →</p> <p>WEAK OR INTRRMITTENT SPARK →</p>	<p>POSSIBLE CAUSE</p> <p>(1) Improper ignition timing (Faulty spark unit or pulse generator)</p> <p>(2) Faulty camshaft journal</p> <p>(1) Deteriorated insulator O-ring</p> <p>(2) Loose carburetor</p> <p>(1) Faulty, carbon or wet fouled spark plug</p> <p>(2) Faulty spark unit</p> <p>(3) Faulty ignition coil</p> <p>(4) Faulty pulse generator</p>
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POOR PERFORMANCE AT HIGH SPEED

<p>1. Check ignition timing</p> <p style="text-align: center;">CORRECT</p> <p>↓</p> <p>2. Disconnect fuel tube at carburetor</p> <p style="text-align: center;">FUEL FLOWS FREELY</p> <p>↓</p> <p>3. Remove carburetor and check for clogged jet</p> <p style="text-align: center;">NOT CLOGGED</p> <p>↓</p> <p>4. Check valve timing</p> <p style="text-align: center;">CORRECT</p> <p>↓</p> <p>5. Check valve spring tension</p> <p style="text-align: center;">NOT WEAKENED</p>	<p>INCORRECT →</p> <p>FUEL FLOW RESTRICTED →</p> <p>CLOGGED →</p> <p>INCORRECT →</p> <p>WEAK →</p>	<p>(1) Faulty spark unit</p> <p>(2) Faulty pulse generator</p> <p>(1) Lack of fuel in tank</p> <p>(2) Clogged fuel line</p> <p>(3) Clogged fuel tank breather hole</p> <p>(4) Clogged fuel cock</p> <p>Clean</p> <p>Cam sprocket not installed properly</p> <p>Faulty spring</p>
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