

POOR PERFORMANCE AT LOW AND IDLE SPEEDS

1. Check ignition timing and hydraulic tappet condition.

INCORRECT

- POSSIBLE CAUSE**
- (1) Tappet holes clogged.
 - (2) Tappet damaged.
 - (3) Improper ignition timing. (Faulty spark unit).

CORRECT

2. Check carburetor pilot screw adjustment.

INCORRECT

See Fuel System Section.

CORRECT

3. Check for leaking intake pipe.

LEAKING

- (1) Deteriorated insulator O-ring.
- (2) Loose carburetor.

NO LEAK

4. Perform spark test.

WEAK OR INTERMITTENT SPARK

- (1) Faulty, carbon or wet fouled spark plug.
- (2) Faulty spark unit.
- (3) Faulty ignition coil.

GOOD SPARK

POOR PERFORMANCE AT HIGH SPEED

1. Check ignition timing.

INCORRECT

- (1) Faulty spark unit.
- (2) Faulty pulse generator.

CORRECT

2. Disconnect fuel tube at carburetor.

FUEL FLOW RESTRICTED

- (1) Clogged fuel line.
- (2) Clogged fuel tank breather hole.
- (3) Clogged fuel valve.
- (4) Faulty fuel pump.

FUEL FLOWS FREELY

3. Remove carburetor and check for clogged jets.

CLOGGED

Clean.

NO CLOGGED JETS

4. Check valve timing.

INCORRECT

Cam sprocket not installed properly.

CORRECT

5. Check valve spring tension.

WEAK

Faulty spring.

NOT WEAKENED

POOR HANDLING → Check tire pressure

1. If steering is heavy.

- (1) Steering stem adjustment nut too tight.
- (2) Damaged steering head bearings.

2. If either wheel is wobbling.

- (1) Excessive wheel bearing play.
- (2) Bent rim.
- (3) Improperly installed wheel hub.
- (4) Swingarm pivot bearing excessively worn.
- (5) Bent frame.
- (6) Swingarm pivot adjusting bolt too tight.

3. If the motorcycle pulls to one side.

- (1) Faulty shock absorber.
- (2) Front and rear wheels not aligned.
- (3) Bent front fork.
- (4) Bent swingarm.