

TROUBLESHOOTING

POOR PERFORMANCE AT HIGH SPEEDS

CHECK	SYMPTOM	PROBABLE CAUSE
1. Check ignition timing	INCORRECT	(1) Faulty CDI unit (2) Faulty pulse generator
↓ PROPER		
2. Disconnect fuel tube at carburetor	FUEL FLOW RESTRICTED	(1) Lack of fuel in tank (2) Clogged fuel line (3) Clogged fuel tank breather tube (4) Clogged fuel valve
↓ FUEL FLOWS OUT FREELY		
3. Remove air cleaner	FOULED	Not cleaned frequently enough
↓ AIR CLEANER NOT FOULED		
5. Check carburetor jet for clogging	CLOGGED	Contaminants in the fuel
↓ NOT CLOGGED		
6. Replace carburetor main jet	CONDITION WORSE	Jet size wrong, rejet in the opposite direction

POOR HANDLING

	Check tire pressure	PROBABLE CAUSE
1. If steering is heavy	→	(1) Steering head adjuster too tight (2) Damaged steering stem bearing (3) Bent steering stem
2. If either wheel is wobbling	→	(1) Excessive wheel bearing play (2) Distorted rim (3) Improperly installed wheel hub (4) Swing arm pivot bearing and bushing excessively worn (5) Distorted frame (6) Improper drive chain adjustment (7) Bent axle
3. If the vehicle pulls to one side	→	(1) Rear tire pressure not equal (2) Bent front fork (3) Bent swing arm
4. If the front suspension too soft	→	(1) Weak springs (2) Insufficient front fork oil
5. If the front suspension is hard	→	(1) Incorrect front fork oil: (viscosity too high) (2) Excessive front fork fluid (3) Excessive fork air pressure
6. If the rear suspension too soft	→	(1) Weak spring (2) Improper rear suspension adjustment (3) Insufficient nitrogen gas pressure
7. If the rear suspension is hard	→	(1) Improper rear suspension adjustment (2) Bent shock absorber rod