

MAINTENANCE

Possible Cause	Possible Remedy
Governor not working properly.....	See your dealer.
Poor compression.....	Service valves and piston rings; or see your dealer.
Poor fuel or too lean a mixture.....	See "Carburetor" on page 24.
Fuel lines or strainer obstructed.....	Clean. See page 25.
Fuel tank air vent closed.....	Open vent in cap.
Exhaust pipe clogged.....	Clean out.
Air cleaner clogged or air leakage between carburetor and engine.....	Clean air cleaner as instructed on page 28. Tighten carburetor and manifold mounting nuts.
Too heavy oil in crankcase or air cleaner.....	Drain and refill with proper lubricant. Refer to the lubricant specifications on page 17.
Incorrect timing or faulty ignition.....	See "Magneto" (page 32) or "Battery Ignition Unit" (page 33).
Clutch slipping.....	Adjust pedal free travel (page 47); or see your dealer.
Brakes drag.....	Adjust brakes; see page 48.
Carburetor intake manifold or cylinder head intake ports restricted by carbon.....	Clean; or see your dealer.

Engine Overheats

Cooling system clogged or limed.....	Clean system; refer to page 26; or see your dealer.
Fan belt slipping.....	Adjust or replace belt; refer to page 27.
Insufficient water in cooling system.....	Fill radiator to proper level; refer to page 26.
Radiator cores clogged.....	Remove all chaff or dirt from the radiator grille, clean with a hose if available.
Wrong kind of fuel.....	Change to a good grade of gasoline.
Carburetor improperly set.....	See "Carburetor" on page 24.
Timing incorrect.....	See "Magneto" on page 32 or "Battery Ignition Unit" on page 33.
Breaker point gap incorrect.....	Adjust gap; see "Magneto" on page 30 or "Battery Ignition Unit" on page 33.
Excess load.....	Reduce load.
Excess carbon in engine.....	See your dealer.

No Oil Pressure, Too High or Too Low

Defective oil gauge.....	Replace; or see your dealer.
Wrong grade, diluted or insufficient oil.....	Refer to lubricant specifications on page 17. Check oil level; if diluted, replace with fresh oil, refer to operating instructions.
Broken, loose or plugged oil lines.....	Clean and tighten; or see your dealer.
Low oil level in crankcase.....	Add oil; refer to "Lubrication Guide." Check for oil leak.
Defective or dirty oil pressure regulating valve.....	See your dealer.
Oil pump strainer clogged or pump not working.....	Clean as instructed on page 14; or see your dealer.
Worn bearings.....	See your dealer.

Oil Dilution or Uses Too Much Oil

Incorrect grade of oil.....	Refer to lubricant specifications on page 17.
Leaks in oil lines or filter, or oil pan plug or gasket.....	Check and tighten; or see your dealer.
Worn piston or oil rings.....	See your dealer.
Loose connecting rod bearings.....	See your dealer.
Long engine idling.....	Stop engine.
Engine overheating or too cold.....	Refer to "Lack of Power" and "Engine Overheats" on pages 56 and 57.
Engine speed too high.....	See your dealer.
Crankcase breather clogged.....	Clean screen in top of oil level gauge; see page 14.