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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- Use caution when working with gasoline. Always work in a well-ventilated area and away from sparks or open flames.
- When disassembling fuel system parts, note the locations of the O-rings. Replace them with new ones on reassembly.
- The float bowl has a drain plug that can be loosened to drain residual gasoline.

TOOL

Common

Float gauge 07401-0010000

SPECIFICATIONS

	1980	1981
Venturi dia.	14 mm (0.55 in)	←
Identification No.	PB32A	PB32C
Float level	10.7 mm (0.42 in)	←
Main jet	#90	#88
Slow jet	#35	←
Throttle valve	#2.5	←
Jet needle	72A	72C
Throttle grip free play	2 - 6 mm (1/8 - 1/4 in)	←
Pilot screw initial opening	See page 4-7	←

TROUBLESHOOTING

Engine cranks but won't start

1. No fuel in tank
2. No fuel to carburetor
3. Engine flooded with fuel
4. No spark at plug (ignition malfunction)
5. Air cleaner clogged
6. Intake air leak
7. Improper choke operation
8. Improper throttle operation

Hard starting or stalling after starting

1. Improper choke operation
2. Ignition malfunction
3. Carburetor malfunction
4. Fuel contaminated
5. Intake air leak
6. Idle speed incorrect

Rough idle

1. Ignition malfunction
2. Idle speed incorrect
3. Carburetor malfunction
4. Fuel contaminated

Misfiring during acceleration

1. Ignition malfunction

Backfiring

1. Ignition malfunction
2. Carburetor malfunction

Poor performance (drivesability) and poor fuel economy

1. Fuel system clogged
2. Ignition malfunction

Lean mixture

1. Clogged fuel jets
2. Faulty float valve
3. Float level low
4. Fuel cap vent blocked
5. Fuel strainer screen clogged
6. Restricted fuel line
7. Intake air leak
8. Air vent tube clogged

Rich mixture

1. Clogged air jets
2. Faulty float valve
3. Float valve too high
4. Choke stuck closed
5. Dirty air cleaner