

4. FUEL SYSTEM

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SERVICE INFORMATION

GENERAL

WARNING

Gasoline is extremely flammable and is explosive under certain conditions. Work in a well ventilated area. Do not smoke or allow flames or sparks in the work area.

- The engine uses down draft carburetors.
- When disassembling fuel system parts, note the locations of the O-rings. Replace them with new ones on reassembly.
- The float bowls have drain screws that can be loosened to drain residual gasoline.
- Fuel pump inspection is in section 21.

TOOLS

Special

Pressure pump	ST-AH-255-MC7 (U.S.A. only)
Vacuum pump	ST-AH-260-MC7 (U.S.A. only)
Valve guide driver, 7 mm	07942-8230000 (U.S.A. only)

Common

Float gauge	07401-0010000
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SPECIFICATIONS

[] California model

	'83:	'84:	After '84:
Venturi dia.	Primary 14.2 mm (0.56 in) Secondary 34.2 mm (1.35 in)	← ←	14.8 mm (0.58 in) ←
Identification No.	VD7AA	VD7CA [VD7BA]	VD7CB [VD7BB]
Float level	7.5 mm (0.30 in)	←	←
Main jet	#115	#120	←
Idle speed	900 ± 100 rpm	1,000 ± 100 rpm	←
Throttle grip free play	2-6 mm (0.08-0.24 in)	←	←
Pilot screw initial opening	See page 4-12	←	←