20. Troubleshooting

Engine Does Not Start or is Hard to Start

20-1 Poor Performance at High Speeds

20-4

Engine Lacks Power

20-2 Poor Handling

20-4

Poor Performance at Low And Idle Speeds

20-3

Engine Does Not Start or is Hard to Start

1.	. Check fuel flow to carburetor ————	— Not Reaching Carburetor ——	No fuel in tank
		•	Sticking float valve
	Reaching Carburetor	•	Clogged float valve
		es en	Clogged fuel tank vent hole
2.	Perform a spark test	— Weak or No Spark ————	Go to page 16-3.
	Good spark		
3.	Remove and inspect spark plug		Fuel-air mixture too rich
			Carburetor flooded
	Spark jump	•	Carburetor choke excessively closed
		•	Cylinder flooded
	and the second of the	•	Air cleaner dirty
4.	Test cylinder compression	Low Compression ————•	Valve clearance too small
		•	Valve stuck open
	Compression normal		Worn cylinder and piston rings
		•	Damaged cylinder head gasket
		•	Seized valve
		•	Improper valve timing
		•	Improper valve and seat contact
	Start by following normal procedure —	— Engine starts but stops ———	Choke excessively closed
		•	Carburetor pilot screw excessively closed
	Engine does not fire	•	Air leaking past intake pipe
	1	•	Improper ignition timing
			(Faulty spark unit or pulse generator)
		· · · · · · · · · · · · · · · · · · ·	Fuel contaminated
	. Start with choke applied		
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