21. TROUBLESHOOTING

Possible cause

	ENGINE DOES NOT START OR IS HARD TO START	21-1	POOR PERFORMANCE AT HIGH SPEED	21-4
1	ENGINE LACKS POWER	21-2	POOR HANDLING	21-4
	POOR PERFORMANCE AT LOW AND IDLE SPEED	21-3		

ENGINE DOES NOT START OR IS HARD TO START

1. Check the fuel flow to carburetor — Not reaching carburetor — Clogged fuel line and filter • Pinched fuel valve vacuum tube Reaching carburetor · Clogged fuel tank breather 2. Perform a spark test -Weak or no spark -Faulty spark plug · Fouled spark plug Good spark · Faulty ignition control module · Broken or shorted spark plug wire Faulty ignition switch Faulty ignition pulse generator Faulty engine stop switch Loose or disconnected ignition system wires 3. Remove and inspect spark plugs — Wet plug -Flooded carburetor SE valve ON position Good Throttle valve open · Air cleaner dirty 4. Start by following normal procedure ---- Engine starts but stops - Improper choke operation · Carburetor incorrectly adjusted Engine does not start Intake pipe leaking Improper ignition timing (Faulty) ignition coil or ignition pulse generator) Fuel contaminated 5. Test cylinder compression -Low compression - Valve clearance too small Valve stuck open Worn cylinder and piston ring • Damaged cylinder head gasket Seized valve Improper valve timing