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		Possible cause
10. Remove cylinder head cover and inspect lubrication	Valve train not lubricated properly	• Clogged oil passage • Clogged oil orifice
Valve train lubricated properly		
Check for engine overheating	Overheating	• Coolant level too low • Fan motor not working (Faulty fan motor or fan motor switch) • Thermostat stuck closed • Excessive carbon build-up in combustion chamber • Use of poor quality fuel • Clutch slipping • Lean fuel mixture • Wrong type of fuel
Not overheating		
11. Accelerate or run at high speed	Engine knocks	• Worn piston and cylinder • Wrong type of fuel • Excessive carbon build-up in combustion chamber • Ignition timing too advance (Fautly ICM) • Lean fuel mixture
Engine does not knock		

POOR PERFORMANCE AT LOW AND IDLE SPEED

		Possible cause
1. Check carburetor pilot screw adjustment	Incorrect	• See section 5
Correct		
2. Check for leaking carburetor insulator	Leaking	• Loose carburetor insulator bands • Damaged carburetor insulator
No leak		
3. Perform spark test	Weak or intermittent spark	• Faulty spark plug • Fouled spark plug • Loose or disconnected ignition system wires • Broken or shorted spark plug wire • Faulty ignition pulse generator • Faulty ignition coil • Faulty engine stop switch • Faulty ignition control module (ICM) • Faulty converter unit • Faulty ignition switch
Good spark		
4. Check ignition timing	Incorrect	• Faulty ignition control module (ICM) • Faulty ignition pulse generator