Poor performance of the engine at high speed

Inspection	Possible causes	
1. Check the ignition timing and valve clearance.	Incorrect	(1) Ignition controller fails. (2) Improper adjustment of valve clearance. (3) Magnetor fails.
Correct valve clearance and ignition timing		
2. Dismantle and check the connection of the fuel pipe of the carburetor.		
Whether the oil pipe is blocked.	Insufficient flowrate of the fuel.	(1)The fuel in the oil tank has been used up. (2) The fuel pipe is blocked. (3)The vent of the fuel tank cap is blocked.
The flowrate of the fuel pipe is sufficient.		
3. Check whether the nozzles of the filter and the Carburetor are blocked.	blocked	(1)The orifice of the carburetor is blocked. (2)The floater is blocked. (3)The filter is blocked.
unimpeded		
4. Check the valve timing.	Incorrect	Adjust the valve timing.
Correct timing		
5. Check the spring pressure of the valve.	insufficient pressure	The valve spring wears or breaks