The engine cannot be started or is difficult to be started

Inspection	Possible causes	
1. Check whether the fuel oil flow into the carburetor ⇩ The fuel oil flows into the carburetor	The fuel oil does not flow into the carburetor	(1) There is no oil in the oil tank. (2) The oil pipe from the oiltank to the carburetor is blocked. (3) The floating assembly in the carburetor gets stuck. (4) The vent on the fuel tank cover is blocked.
2. Take off sparking plug to test the spark ⇩ The spark is fine	The spark is weak or no spark	(1) The sparking plug fails. (2) The sparking plug is not clean. (3) The electric ignition fails. (4) The magnetor fails. (5) Wiring is not good and breaks. (6) Open circuit or short circuit of High-voltage cable. (7) Open circuit or short circuit of the ignition coil. (8) The ignition switch fails.
3. Test the pressure of the cylinder ⇩ The pressure is normal	Pressure is too low	(1) The starting mechanism slides, the engine cannot be turned. (2) The valve clearance is too small. (3) The valve is blocked. (4) The cylinder or the piston ring is worn. (5) The sealing gasket of the cylinder head breaks. (6) The valve timing is improper.
4. Restart the engine ⇩ No ignition of the engine	The engine gets ignited but cannot be started	(1) The choke valve opens too big. (2) Improper adjustment of the fine-adjustment bolt of the carburetor. (3) Air leakage of the inlet pipe. (4) Incorrect ignition timing.
5. Take off the spark plug ⇩ The spark plug is dry	The spark plug is wet	(1) The oil level in the carburetor is too high. (2) The chock valve of the carburetor is closed too tightly. (3)Too much force on the accelerator.
⇩ 6. Shut down the choke valve and restart the engine.		