

## TROUBLESHOOTING

If you follow the normal starting procedure, you should have no problem starting your cultivator. But, just in case you do have problems, here's what to do:

- Make sure the engine switch is in the “ON” position. If the switch was in the “STOP” position when you pulled the cord, you may have flooded the engine. Even if the engine switch is in the “ON” position, it is possible to flood the engine. The smell of fuel can be a sign the engine is flooded.

### 1. Flooded Engine Procedure:

- 1a. First, examine the spark plug. Use a 19 mm spark plug wrench.
- 1b. Remove the cap over the spark plug.

**IMPORTANT: To avoid possible damage to the threads, do not try to remove the plug from a hot engine.**

- 1c. Unscrew the spark plug.
- 1d. If the end of the spark plug is wet, the engine may be flooded. Make sure the switch is in the “Stop” position, disconnect spark plug wire and remove plug. Use a paper towel or a clean rag to dry the spark plug, then, with the spark plug out of the engine, pull the starter cord several times. Shake the fuel out of the inside of the plug and air dry. Next, replace the spark plug. Use the wrench to tighten it and replace the cap. Next, put the switch in the “Start” position and pull the choke lever into the “Start” position. Pull the starter cord three or four times until the engine coughs or sputters. Open the choke (move the choke lever to the “Run” position) and pull the cord a few times. The engine should start and run.

**If the end of the spark plug is dry, check to see if the fuel line is blocked.**

- The fuel line runs from the fuel tank to the carburetor. Pull it off at the carburetor end. Fuel should drip slowly from the line. Wipe off any excess or spilled fuel.
- If fuel does not drip from the line, check the line for any bends or pinches. Kinks in the line restrict the flow of fuel to the engine. Just straighten out the line. Reconnect. Then follow the normal starting procedure.
- If fuel drips too freely, the line may be disconnected from the fuel filter. You'll find the fuel filter inside the fuel tank. Just re-attach the line to the filter, and put the filter back in the tank. Then follow the normal starting procedure.

### WARNING

Make sure the engine switch is in the top position. Keep plug wire away from engine to avoid unintentional spark.

**IMPORTANT: Never use starting fluids. Starting fluids will cause permanent engine damage. Using them will void the warranty.**

Problem	Check	Cause	Solution
Starting Failure	Fuel tank	Incorrect fuel	Drain and fill with correct fuel
	Fuel filter	Fuel filter is clogged	Replace fuel filter
	Flooded engine	Multiple	Let unit sit to air out (15 minutes) or remove spark plug and clean per instruction in manual
	Sparking (no spark)	Spark plug is fouled/ wet, plug gap is incorrect	Clean/ dry, correct gap: 0.020-0.028 in. (0.5-0.7 mm)
Engine starts but does not keep running/ hard re-starting	Fuel Tank	Incorrect fuel	Drain and fill with correct fuel
	Muffler, cylinder (exhaust port)	Carbon is built-up or insect nest in exhaust port	Wipe away and or clean out
	Air cleaner	Clogged with dust	Wash with mild detergent and water, dry thoroughly

### For other issues and technical support:

Technical Support Team  
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