In more detail . . . .

Troubleshooting

Suspected malfunctions are often due to causes that the operators can fix themselves. Therefore check the machine using this section. In most cases, the problem can be solved quickly.

> ⚠ **WARNING!** Only perform the steps described in these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified person if you cannot solve the problem yourself!

Engine

Problem	Possible cause	Solution
Engine does not start	Fuel tank empty?	Fill the fuel tank.
	Stop switch set to **STOP**?	Set the stop switch to **I**. Follow the engine starting procedure.
	Incorrect starting procedure?	Follow the engine starting procedure.
	Spark plug connector not firmly attached?	Attach the spark plug connector firmly.
	Spart plug is wet?	Dry the spark plug.
	Spark plug connector is dirty?	Clean the spark plug connector.
	Excess fuel in the combustion chamber?	Release throttle trigger lockout, set the choke to **OPEN** position and pull the recoil starter handle several times. If the engine does not start: remove spark plug and dry the electrodes.
	Spark plug is soiled (tip is rusted)?	Clean or replace the spark plug.
	Primer has not been pressed at cold start?	Press the primer 6 times and restart. Follow the engine starting procedure.
	Gap between electrodes is too large?	Set the gap between electrodes to **0.6-0.7 mm**.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).

In more detail . . .

Engine does not reach the maximum speed.	Air filter is soiled?	Clean the air filter.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).
	Carburetor setting not correct?	Have a qualified person adjust the carburetor.
Bad cutting performance.	Inappropriate cutting attachment used?	Select the proper cutting attachment for the use.
	Wrong cutting height?	Adjust the cutting height.
	Cutting/trimming guard clogged?	Clean the cutting/trimming guard.
	Cutting blade is not sharp enough?	Sharpen or replace the cutting blade.
Excessive vibration/ noise or smoke.	Cutting attachment broken?	Replace the broken attachment.
	Flanges/nut loosened?	Stop the engine and re-tighten the loosened fasteners.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).

Brush cutter/grass trimmer

Problem	Possible cause	Solution
Bad cutting performance.	Inappropriate cutting attachment used?	Select the proper cutting attachment for the use.
	Wrong cutting height?	Adjust the cutting height.
	Cutting/trimming guard clogged?	Clean the cutting/trimming guard.
	Cutting blade is not sharp enough?	Sharpen or replace the cutting blade.
Excessive vibration/ noise or smoke.	Cutting attachment broken?	Replace the broken attachment.
	Flanges/nut loosened?	Stop the engine and re-tighten the loosened fasteners.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).

Pole pruner

Problem	Possible cause	Solution
Bad cutting performance.	Saw chain not tensioned properly.	Tension the saw chain properly.
	Saw chain is dull/damaged.	Sharpen or replace the saw chain.
Excessive vibration/ noise or smoke.	Saw chain is dull/damaged.	Sharpen or replace the saw chain.
	Screws/nuts are loosened.	Stop the engine and re-tighten the loosened screws/nuts.

Hedge trimmer

Problem	Possible cause	Solution
Bad cutting performance.	Cutter blades are worn?	Have a qualified person sharpen or replace the cutter blades.
	Thickness of the branches exceeds capacity.	Only cut branches with a diameter of maximum 24 mm.
Excessive vibration/ noise or smoke.	Cutter blades damaged?	Replace the broken attachment.
	Nuts on the cutter blades loosened?	Stop the engine and re-tighten the loosened nuts.
	Incorrect fuel or incorrect mixture?	Stop the engine, empty tank, then fill up with the correct mixture of fuel to oil (40:1).