



Forney®



INTRODUCES YOUR NEW 40 P PLASMA CUTTER

New fault codes to help keep you and your welder, working efficiently:



Highlights of your new welder:

- Dual voltage 120V / 230V
- Auto drain water separator
- Clean cuts up to 1/2" mild steel, stainless steel and aluminum
- Integrated air regulator: preset to optimize your cuts

What does dual voltage mean for you?

Your Forney welder is equipped with dual voltage capabilities meaning it can be plugged into either 110-120V or 208-240V single phase. This machine can only perform at full capabilities with good input power. The higher the input means higher the output. This means a dedicated circuit, proper breaker, proper wire gauge size and no extension cord will produce maximum output.

When used with a 120V power source the output will be reduced making it ideal for DIY or light contractor projects. For a 120V it's good for most ¼" applications on down.

When used with 240V outlet, your machine will achieve its full performance and output for more demanding applications. For 240V it's good for most ½" applications on down.

FAULT CODE: F01 DISPLAYED	Exceeded duty cycle; thermal protector engaged.	Allow welder to cool at least 10 minutes with machine ON (observe and maintain proper duty cycle). FAULT/THERMAL OVERLOAD INDICATOR LED should turn off after the machine has cooled.
	Insufficient air flow causing machine to overheat before reaching duty cycle.	Check for obstructions blocking air flow and ensure that there are 12 inches of clearance between any obstacles and the vents on all sides of the machine.
FAULT CODE: F02 DISPLAYED	No voltage or incorrect voltage supplied to welder.	Make sure the machine is plugged in. Check the status of your INPUT VOLTAGE INDICATOR LED . It should be illuminated. Check the voltage of your outlet. If it is 10% more or less than 120V or 230V, call a qualified electrician.
FAULT CODE: F03 DISPLAYED	SHIELD CUP (E) not properly installed or consumables missing or installed improperly.	Check PLASMA TORCH consumables are properly installed, electrode is tightened with wrench, and that SHIELD CUP properly contacts the pins in the TORCH BODY (A) .
	Excessively worn consumables.	Replace electrode and cutting tip.
FAULT CODE: F04 DISPLAYED	Input air pressure too high or too low.	Connect a proper air supply with 80-120 PSI and 5.3 CFM minimum. Ensure that any inline moisture filters are rated to handle these requirements.
		Check for moisture or dirt in filter.
FAULT CODE: F05 DISPLAYED	Torch triggered before machine is ready.	Torch triggered or turned on before machine is powered on will fault. Release torch trigger and machine will reset within five seconds.
FAULT CODE: F06 DISPLAYED	TORCH HEAD piston stuck.	Electrode spring or piston needs replacing.
FAULT CODE: F07 DISPLAYED	Electrode or nozzle is not reset.	Electrode spring or piston needs replacing. Cutting residue build up needs to be removed.
	GROUND CLAMP not connected.	Properly connect the GROUND CLAMP to the workpiece. Ensure it is on clean, bare metal (not rusty or painted).

