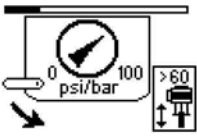




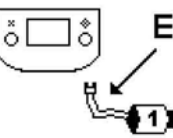
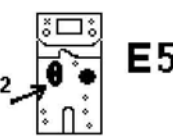
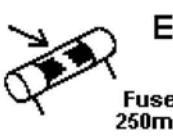


Table 1: Diagnostic Codes

Symbol	Code No.	Code Name	Diagnosis	Cause
		Runaway	Pump running faster than set runaway limit.	<ul style="list-style-type: none"> Increased air pressure. Increased fluid output. Exhausted fluid supply.
	E-1	Diving Up	Leak during upstroke.	Worn piston valve or packings.
	E-2	Diving Down	Leak during downstroke.	Worn intake valve.
	E-3	Low Battery	Battery voltage too low to stop runaway.	Low battery. To replace battery, see page 12.
	E-4	Service Component 1	Problem with stopping runaway.	<ul style="list-style-type: none"> Damaged solenoid. Damaged valve carriage.
	E-4	Disconnected Solenoid	Solenoid is disconnected.	<ul style="list-style-type: none"> Solenoid unplugged. Damaged solenoid wires.
	E-5	Service Component 2	Problem with sensing valve movement.	<ul style="list-style-type: none"> Sensors unplugged. Sensors mounted incorrectly. Damaged sensors. Damaged valve carriage.
	E-6	Blown Fuse	Fuse is blown.	<ul style="list-style-type: none"> Faulty solenoid or solenoid wiring. Extreme temperatures (above 140°F [60°C]).
	E-7		The number of times the reset button was pushed to reset the runaway without having the air turned off	The air must be turned off before the pump runaway can be reset