

LXP[®] Troubleshooting Guide

PROCESSOR

Symptom	Possible Cause	Possible Solution
Lacks power	Circuit not getting full pressure from excavator	Check hydraulic pressure at port block
	GenFlow cartridge needs adjustment	See Regeneration Valve Adjustment section of Safety, Operator's & Parts Manual
	Processor cylinder or swivel bypass	Check for bypass and replace seals if needed
	Pilot check seals leaking	Replace seals
Poor cutting	Material size is beyond processor appetite range	Contact the Genesis Service Department
	Worn blades (shear jaw set)	See Jaw and Blade Maintenance section of Safety, Operator's & Parts Manual
	Excess blade gap (shear jaw set)	
	Pilot check seals leaking	Replace seals
Poor piercing (shear jaw set)	Piercing blades or razor blades are worn	See Jaw and Blade Maintenance section of Safety, Operator's & Parts Manual
Slow jaw cycle time	Genflow cartridge needs adjustment	See Regeneration Valve Adjustment section of Safety, Operator's & Parts Manual
Material jamming	Excess blade gap	See Jaw and Blade Maintenance section of Safety, Operator's & Parts Manual
	Insufficient blade gap between piercing tips and guides	
	Worn blades (shear jaw set)	
	Worn piercing blades (shear jaw set)	
Slow jaw cycle in one direction	Excess back pressure on return side of cylinder	Check excavator main control valve and pilot check seals
Jaws drift closed or can be pushed closed	Excavator control valve	Check excavator main control valve
	Processor cylinder or swivel bypass	Check for bypass and replace seals if needed
	Pilot check seals leaking	Replace seals
	Bleed-down orifice plugged	Clean and replace orifice

This document is a quick reference only. It does not replace the product safety and operator's manuals, which must be followed by all operators and maintenance personnel.



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ROTATOR

Symptom	Possible Cause	Possible Solution
Does not rotate	Blown fuse	Replace fuse
	Electrical problem	Test for 24V at plugs on directional valve while depressing foot switch
	Incorrect pressure settings	Set pressures
	Faulty components	Contact the Genesis Service Department to replace valve
Does not rotate in one direction	No electrical power to one side	Test for 24V at plugs on directional valve while depressing foot switch
	Faulty directional control valve	Check if directional control valve shifts both ways while actuating foot switch in both directions
	Faulty cartridge	Contact the Genesis Service Department to replace valve
Rotator chatters	Electrical short	Test for continuity through circuit
	Low supply flow	Back out flow controls
	Pressure settings too high	Set pressures
	Supply flow too high	Reduce flow from excavator control valve
	Power to both rotation solenoids at the same time	Test for 24V at plugs on directional valve while depressing foot switch
Rotates faster in one direction	One flow control cartridge set higher than the other	Set flow control
Rotates too fast or too slow	Flow control out of adjustment	Set flow control
Rotation speed changed from original setting	Jam nut loosened on rotation flow control valve	Check jam nuts on rotation flow control valve; set pressures
	Faulty cartridge (contamination)	Replace cartridge
	Faulty directional control valve	Replace valve
	Pressure set too low	Set pressures

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LOCK-PIN

Symptom	Possible Cause	Possible Solution
Lock-pin not operating	No electrical power	Test for 24V at plugs on lock-pin valve while depressing toggle switch
	Cover plate not removed	Remove cover plate
	Incorrect pressure setting	Set pressure on lock-pin valve
	Lock-pin control valve not shifting	Replace with Genesis replacement valve
	Tool misalignment	Move tool to correct alignment
	Processor cylinder not dead-headed open	Dead-head processor cylinder open and hold while depressing toggle switch
Lock-pin won't retract	Hoses between lock-pin cylinder and valve connected incorrectly	Verify that hoses are routed to factory-specified ports on cylinder, swivel and control valve
	Swivel leaking internally	Test passes on swivel for bypass and repair if faulty

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