

GVP 07 Troubleshooting Guide

JAW SET

Symptom	Possible Cause	Possible Solution
Lacks power	Circuit not getting full pressure from excavator	Check hydraulic pressure at port block
	Shear cylinder or swivel bypass	Check for bypass and replace seals if needed
	GenFlow valve has faulty cartridge or seal bypass	Contact the Genesis Service Department Check valve seals, replace as needed
Poor cutting	Material size is beyond shear appetite range	Contact Genesis
	Worn blades	Refer to the Jaw and Blade Maintenance section of the Safety & Operator's Manual
	Excess blade gap	
Poor piercing	Piercing tip or chin is worn	Refer to the Jaw and Blade Maintenance section of the Safety & Operator's Manual
Material jamming	Excess blade gap	Refer to the Jaw and Blade Maintenance section of the Safety & Operator's Manual
	Worn blades	
	Worn piercing tip, chin or guide block	
Slow jaw cycle in open direction	Excess back pressure on return side of cylinder	Check excavator main control valve or hydraulic line size
Jaw drifts 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
	GenFlow valve seal bypass	Replace seal as necessary

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 proper voltage at plugs on directional valve while depressing foot switch
	Incorrect pressure settings	Set pressures
	Faulty components	Contact Genesis to replace valve
Does not rotate in one direction	No electrical power to one side	Test for 12V at plugs on directional valve while operating controller
	Faulty directional control valve	Check if directional control valve shifts both ways while actuating foot switch in both directions
	Faulty cartridge	Contact Genesis to replace valve
Rotator chatters	Electrical short	Check on VOM meter
	Power to both rotation solenoids at the same time	Test for 12V at plugs on directional valve while operating controller
Rotates too fast or too slow	Flow control out of adjustment	Set flow control

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