

## TROUBLE SHOOTING

ALL WORK TO BE CARRIED OUT BY A COMPETENT PERSON.

PROBLEM	DIAGNOSTICS	CAUSE	SOLUTION
<b>REAR LOCKING WEDGE NOT RELEASING</b>	Primary switch <b>not</b> illuminated when pressed, buzzer <b>not</b> sounding.	Blown fuse	Check fuse and if necessary replace.
		Faulty primary switch	Check primary switch and if necessary replace.
		Faulty ground wire	Check ground wire
	Primary switch illuminated when pressed, buzzer sounding, secondary switch <b>not</b> illuminated when pressed.	Bucket extend line not pressurizing	Ensure bucket cylinder is fully extended and maintain pressure while pressing secondary switch.
		Faulty pressure switch	Check pressure switch and if necessary replace.
		Faulty secondary switch	Check secondary switch and if necessary replace.
	Primary switch illuminated when pressed, buzzer sounds, secondary switch illuminated when pressed, coupler hoses are <b>not</b> pressurizing.	Faulty solenoid	Check solenoid coil for loose wiring, replace if necessary.
		Faulty relay	Check relay and if necessary replace.
	Primary switch illuminated when pressed, buzzer sounds, secondary switch illuminated when pressed, coupler hoses are pressurizing.	Low pressure in hitch line	Increase engine revs to raise hydraulic pressure.
		Rear lock jammed	Check coupler for any debris that may be blocking the rear lock.
Faulty check valve		Check coupler cylinder 'check valve' and if necessary replace.	
<b>REAR LOCKING WEDGE NOT STAYING OPEN WHEN CHANGING ATTACHMENT</b>	Rear lock closes immediately after releasing secondary switch	Faulty relay	Check relay and if necessary replace.
	Rear lock closes slow after releasing secondary switch	Faulty check valve	Check coupler cylinder 'check valve' and if necessary replace.
		Faulty cylinder seal	Check seals and if necessary replace.
<b>FRONT LOCK NOT OPENING</b>	Front lock <b>not</b> releasing once rear lock is released	Faulty front lock	Check front lock and if necessary replace.
<b>FRONT LOCK NOT CLOSING</b>	Front lock <b>not</b> closing once rear lock in engaged	Front lock jammed	Check for any debris that may be blocking the front lock.
		Faulty front lock spring	Check spring and if necessary replace.



**WARNING:** Hydraulic oil pressure and fluid can cause serious personal injury. When escaping under pressure it can penetrate body tissue, cause severe tissue damage, loss of limb and possible death. Always check for leaks with the use of a shield and not against any part of your skin. Alternatively shut off the pressure and allow time to de-pressurize. If fluid is injected into your skin you must seek emergency treatment straight away by medical personnel that have knowledge of this kind of injury. Remember some hydraulic fluids are also flammable. Refer to relevant COSHH data sheets for substances that you may come into contact with.