

RAM CREEP

Double acting ram creeps in.

The leak is in the control valve either through a service line relief valve, if fitted, or past the spool on a cable controlled machine or past the check valve on an electric machine.

Double acting ram creeps out.

It can be the causes above or the ram seals. Fit a tap into the gland pipe and turn it off, if the creep stops the leak is in the valve.

Remember double acting rams can only creep out if the seals have failed.

Lift ram creep

On all machines the lift ram is working in single acting mode so if it is creeping down it is possible the ram seals have failed. Also on all machines with power slew the lift ram is connected to slew/break-back ram when in auto reset mode, so a leak in the slew circuit will show up as lift ram creep.

Arm creeps down in Power Slew and Auto reset modes then the leak is in the lift ram circuit. Fit a tap into the lift ram hose, if the creep stops when the tap is turned off the leak is through the check valve, if it continues the ram seals are at fault.

Arm creeps down in Power Slew but stops when switched to auto reset, the leak is in the slew circuit through either the slew relief valve, slew ram seals, slew check valve or solenoid valve.

