



This bulletin is provided for technical reference and service related updates. If you have any questions, comments or do not wish to receive these e-mails, please reply to this e-mail or call the Service Technical Support Group 800 478-1244.

BLADE SHAFT NOT ENGAGING

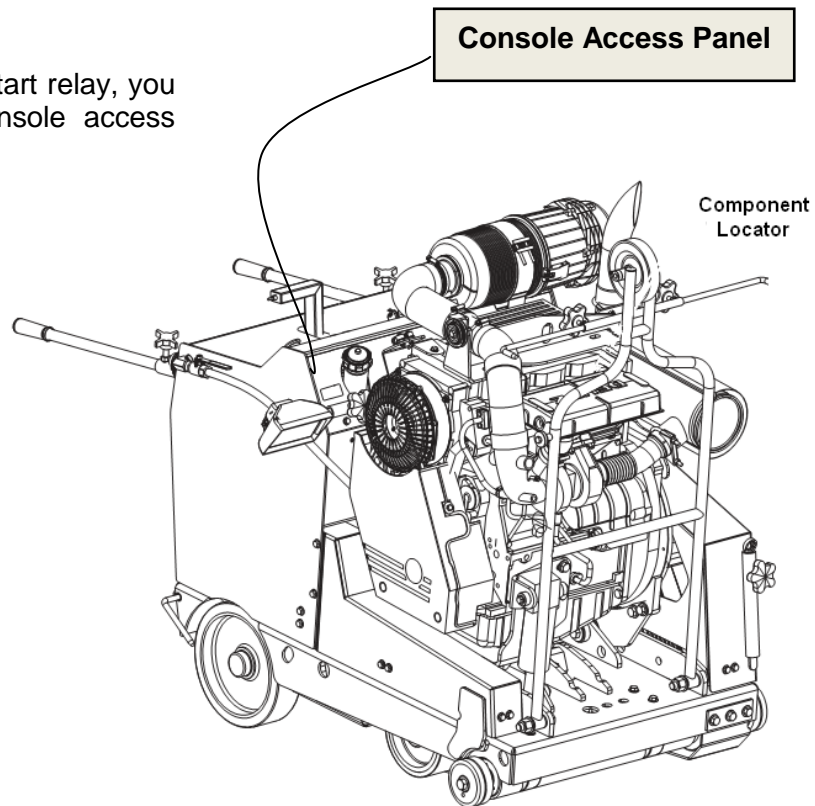
There are three initial troubleshooting steps for issues surrounding the blade engage and disengagement system.

1. Proper hydraulic fluid levels (15W40).
2. Engine RPM sufficient to warm fluid @ 2000 RPM (in cold climates).
3. Hydraulic fluid air contamination.

If the three steps above check out in good condition, move on to the following:

1. Reset the start relay and ensure a secure connection (see page 2).
2. Check the hydraulic pressure (see page 2).
3. Remove the cylinder pilot piston O-rings (see page 3).

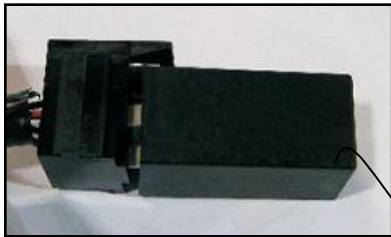
In order to reset the start relay, you must remove the console access panel.



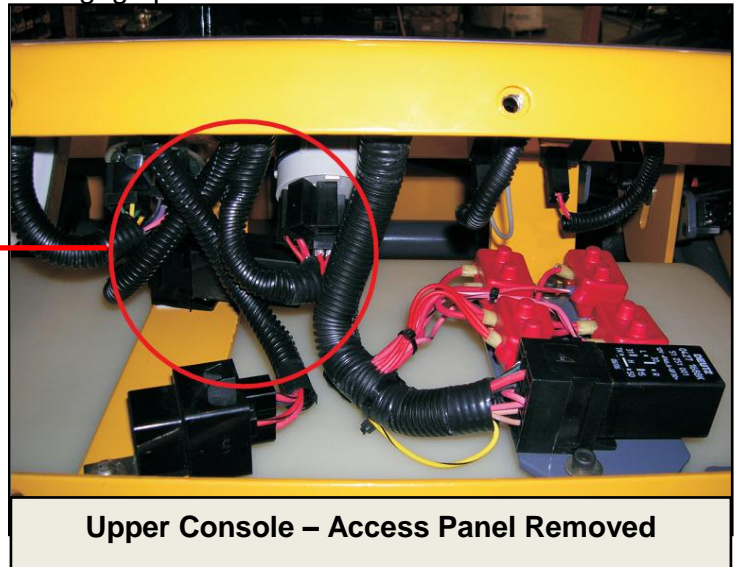
START RELAY RESET

After removing the access panel, locate the start relay:

1. Pull relay completely out of connector socket.
2. Re-install the start relay in to connector socket making sure flush & firmly connected.
3. Replace console access panel and start engine.
4. Run engine to a minimum of 2000 RPM
5. Blade shaft engage / disengage switch – “engage position”.

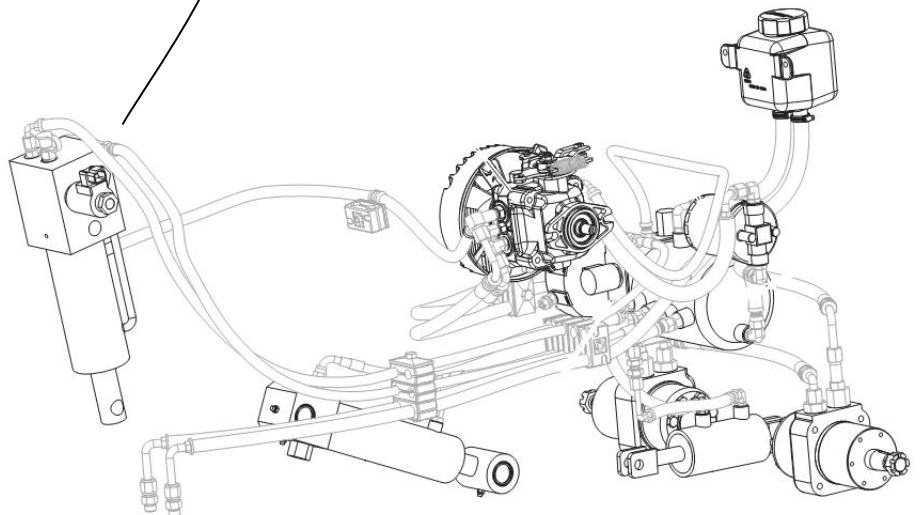
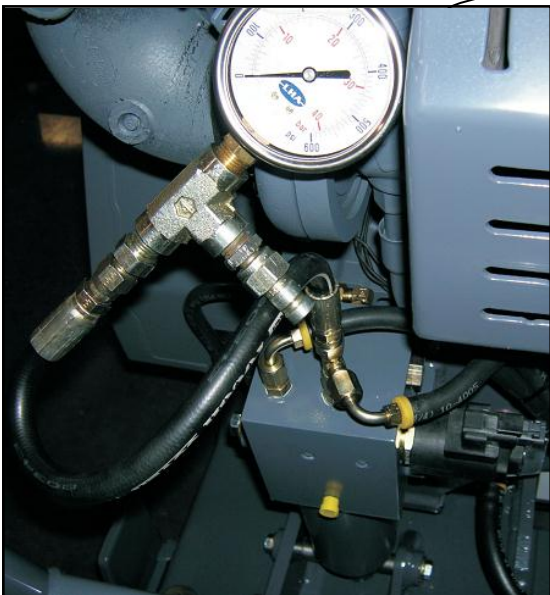


Start Relay



CHECK HYDRAULIC PRESSURE

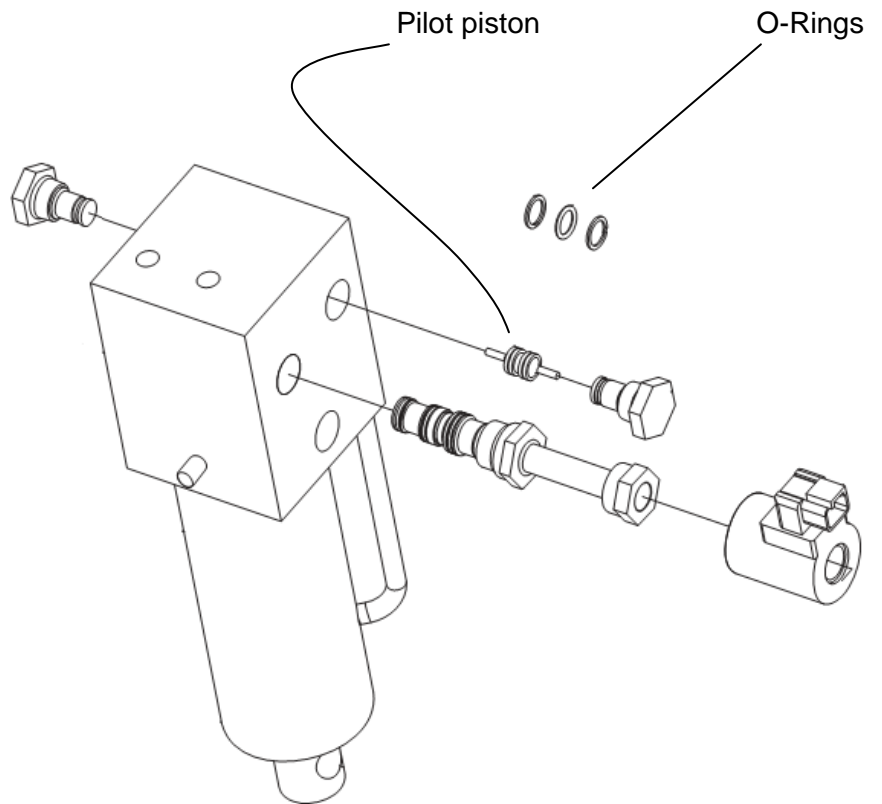
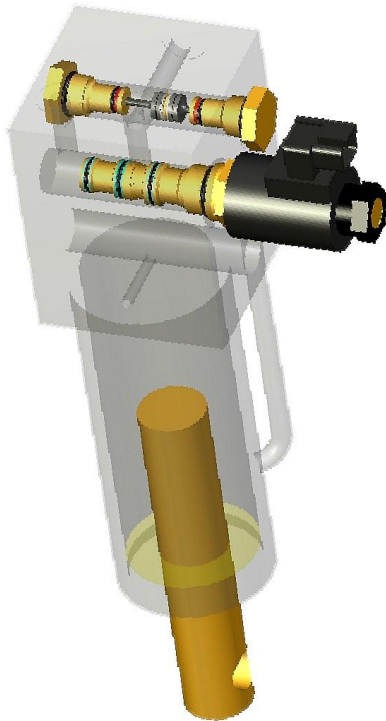
Install a pressure gauge at the lift cylinder. Normal pump pressure should measure between **(180 – 220 PSI)**. If pressure is abnormal check the integrity of the hydraulic pump.



REMOVE PILOT PISTON O-RINGS

On the lift cylinder remove pilot piston and remove O-rings. Replace the pilot piston without O-rings. The pistons diameter and design are sufficient to provide proper hydraulic pressure during the cycling of the engage / disengage sequence of the saw, result: O-rings or not required to support the pilot piston.

Lift cylinder assembly



NOTE:

- Remove the pilot piston O-rings if suspected engage / disengage issues are present.
- If no issues are present, remove O-rings at next hydraulic maintenance interval.

MQ PART#

- Lift cylinder assembly.....37495
- Pilot piston.....37488
- Back up piston O-rings.....37492 removing (Qty - 2)
- O-ring.....37492 removing (Qty - 1)