

XL-Saw Carriage Cylinder Rebuild

1. With power and air off and locked out. Take photo of carriage for reference. Remove blade, set aside.
2. Disconnect and mark the motor power wires. If these are hooked up incorrectly the blade will spin backwards.
3. Mark location of saw motor to foot. Put wide board through infeed/outfeed for motor to rest on. Unbolt four side bolts. Remove saw head.
4. Remove four bolts that hold the shoe to the cylinder. Note orientation. Set shoe aside.
5. Remove two air hoses, press against retaining ring and pull hose out. Note which hose is which.
6. Remove four bolts holding cylinder to pivot carriage. May have through bolts or threaded bolts. Be aware of possible falling spacers. These will need to be reinstalled. Note orientation of cylinder in housing.
7. Clean outside of cylinder thoroughly.
8. Remove center bolt in cylinder foot, has red Loctite. Soak in WD40 to release Loctite. Shoe and guides will slide out.
9. Remove C Clip in back of cylinder. Push rod and piston through back of housing. Use caution not to introduce outside particulate into housing.
10. Clean all parts thoroughly. Replace all seals and wipers. Use red Loctite and impact to reinstall shoe base to piston bolt.
11. Reverse steps to reassemble.
12. You will want to recheck your center of pivot and blade vertical when you are done with reassembly. Please see steps 9 & 10 in the XL-Calibration guide.
13. See dual cylinder alignment guide for saws with two cylinders.
14. Check the blade rotation after assemble confirm proper rotation.