

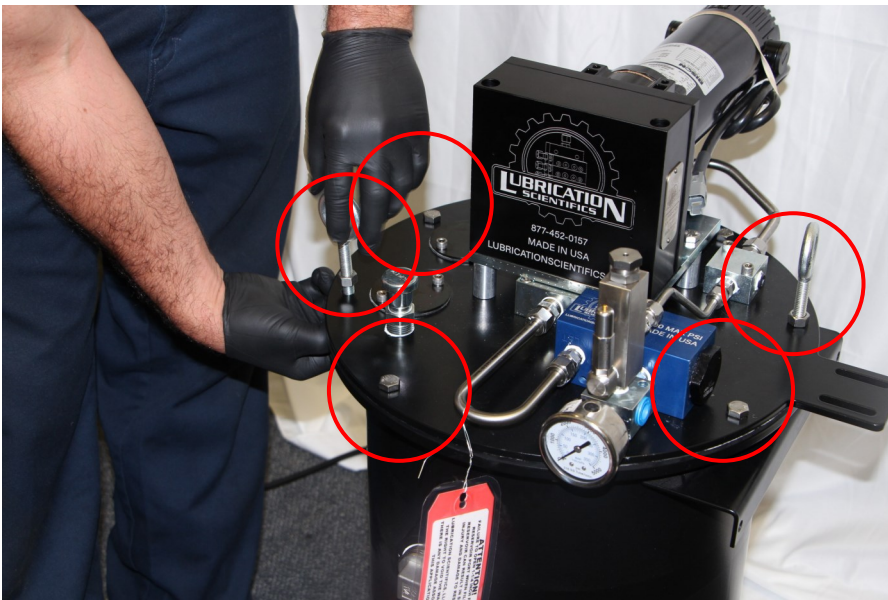
INLET BLOCK REMOVAL

STEP 1

TURN OFF POWER TO LCPR CONTROLLER AND DISCONNECT LEADS TO THE 24 VOLT MOTOR.

RELIEVE HYDRAULIC PRESSURE IN SYSTEM SLOWLY BREAK LOOSE OUTLET AND RETURN LINES, TO VERIFY THERE IS NO PRESSURE, THEN DISCONNECT.





STEP 2

REMOVE THE SIX 3/8 BOLTS, NUTS, WASHERS, AND TWO EYE BOLTS FROM RESERVOIR LID. YOU WILL NEED TWO 9/16 END WRENCHES.





STEP 3

TO SEPARATE THE LID AND PICK UP TUBE ASSEMBLY FROM BARREL THERE ARE TWO OPTIONS.

A)RELIEVE SUCTION FROM THE FOLLOWER PLATE BY REMOVING THE 1" INCH PIPE PLUG NEAR THE BOTTOM OF THE BARREL. THIS METHOD MAY ALLOW FLUID TO ESCAPE.

B) GENTLY PULLING UPWARD, SLIDE THE LID TO ONE SIDE OF THE BARREL, CAUSING THE PICKUP TUBE AND FOLLOWER PLATE TO TURN SIDWAYS AND RELIEVE SUCTION.





STEP 4

ONCE THE PUMP ASSEMBLY IS REMOVED FROM THE RESERVOIR, FLIP ASSEMBLY UPSIDE DOWN AND GENTLY LAY THE MOTOR SIDE ON SOMETHING SOFT OR ANYTHING TO PROTECT FROM COSMETIC DAMAGE.

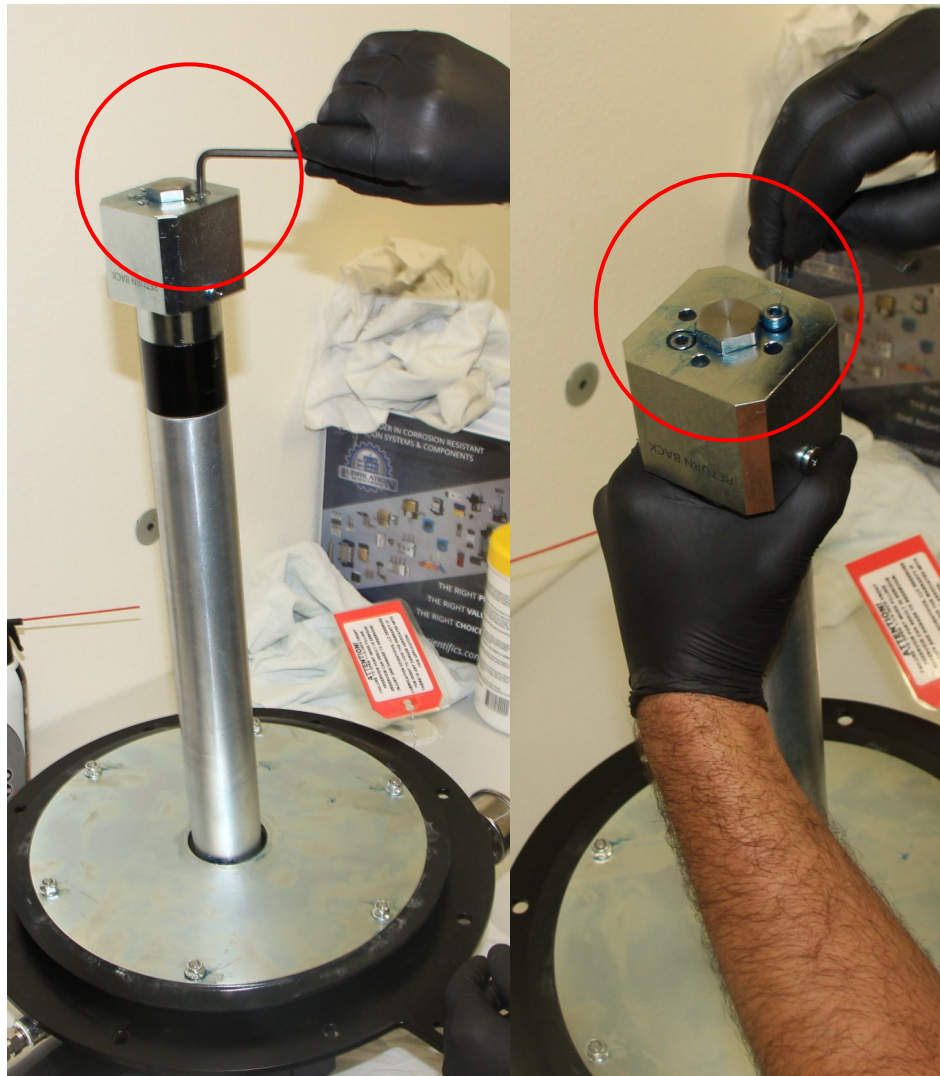
STEP 5

CLEAN OFF EXCESS GREASE OR OIL FROM PICKUP TUBE ASSEMBLY.



STEP 6

WITH ONE HAND SUPPORTING THE INLET BLOCK, REMOVE THE TWO 1/4-28 X 3 1/4" SOCKET HEAD CAP SCREWS USING A 3/16" ALLEN KEY.





STEP 7

SLIDE THE INLET BLOCK OFF THE PISTON AND SET ASIDE.



STEP 8

**USING THE 3/16 ALLEN KEY,
REMOVE THE TWO 1/4-28 X 2"
SOCKET HEAD CAP SCREWS FROM
THE BLACK PICK UP TUBE SPACER
AND SET SPACER AND HARDWARE
ASIDE.**



STEP 9

REMOVE THE INLET BLOCK PISTON FROM THE SLOTTED FIT AND INSERT IT BACK INTO THE OLD INLET BLOCK.



INLET BLOCK REPLACEMENT

STEP 1

CLEAN ALL MATING SURFACES OF ANY FOREIGN DEBRIS.





STEP 2

REMOVE PISTON FROM NEW INLET BLOCK, LUBE PISTON WITH CLEAN GREASE OR OIL FROM RESERVOIR, AND SLIDE PISTON INTO THE SLOTTED FIT.





STEP 3

REPLACE O-RINGS ON THE BLACK PICKUP TUBE SPACER AND REINSTALL USING TWO NEW 1/4-28 X 2" SOCKET HEAD CAP SCREWS PROVIDED.



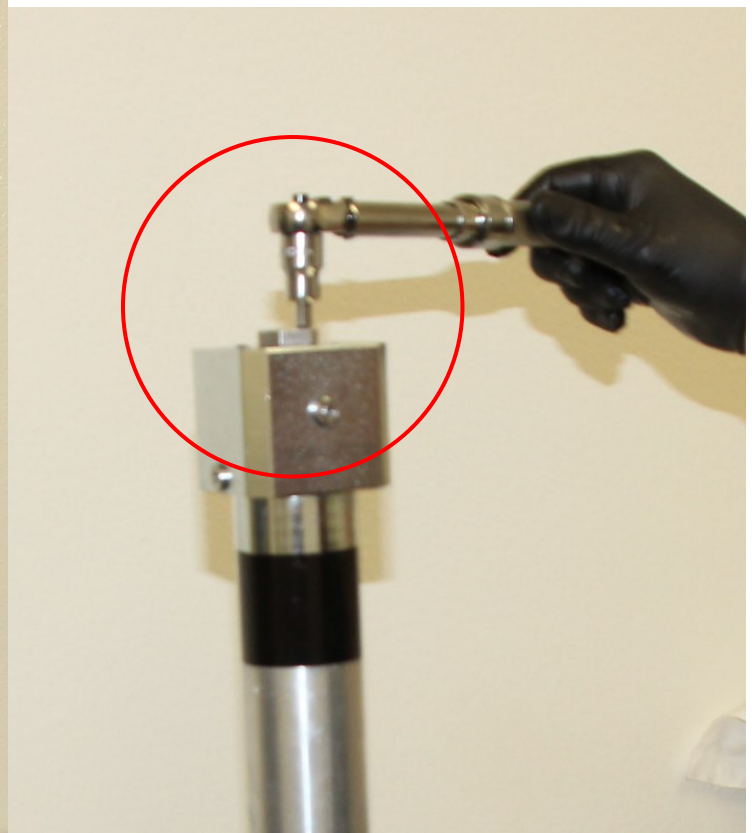
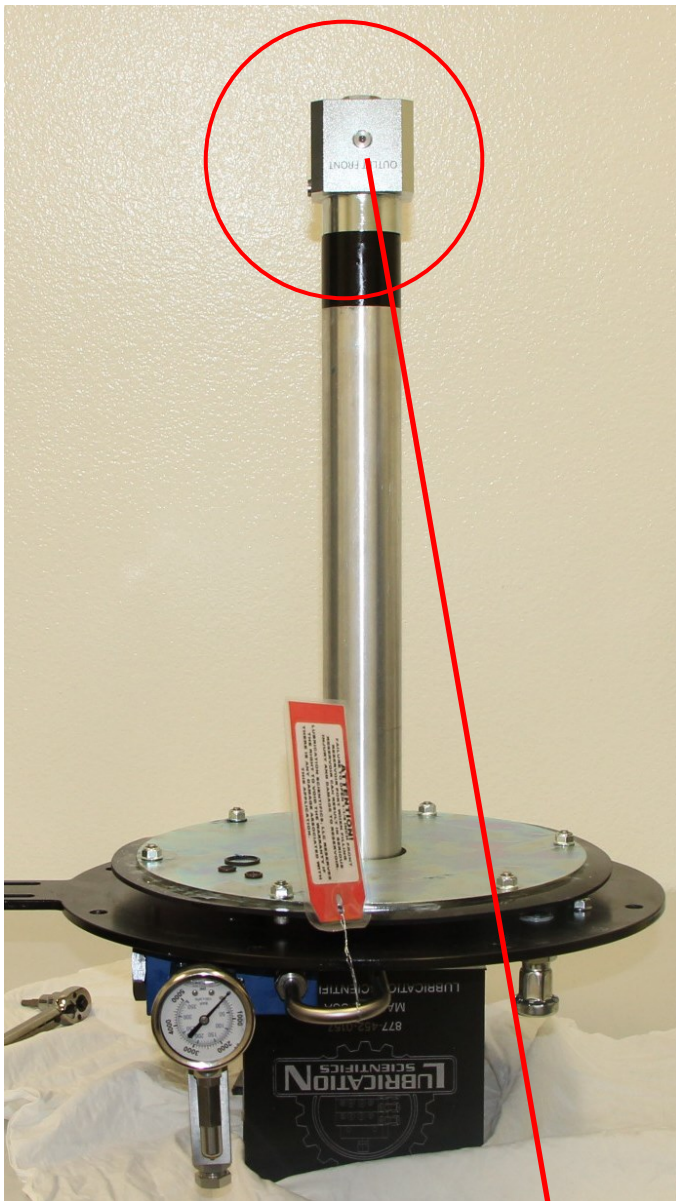


STEP 4

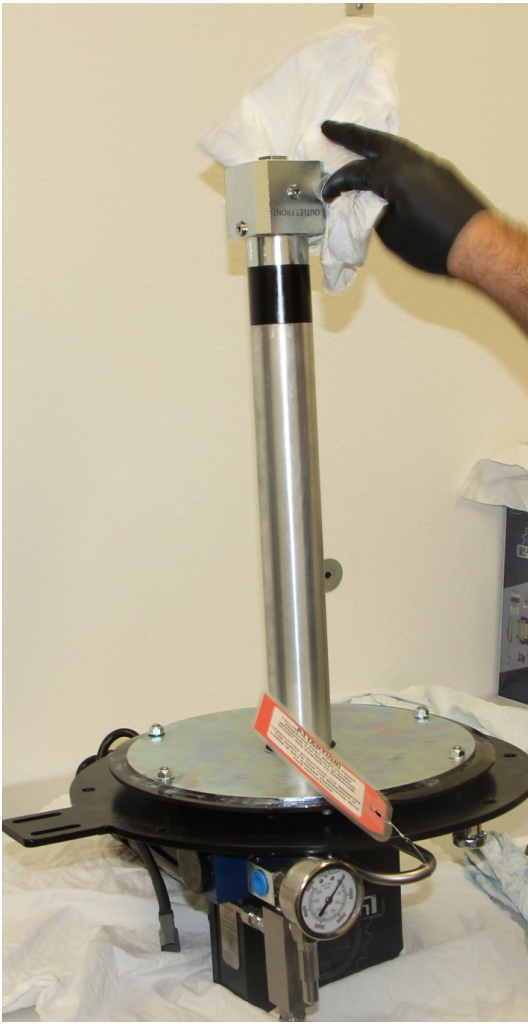
PUT LOCTITE ON THE THREADS AND TORQUE TO 84 IN/LBS OR 7 FT/LBS.

STEP 5

DOUBLE CHECK SEALING SURFACES AND VERIFY O-RINGS ARE IN PLACE ON THE NEW INLET BLOCK. INSTALL NEW INLET BLOCK USING TWO NEW 1/4-28 X 3 1/2" SOCKET HEAD CAP SCREWS. PUT LOCTITE ON THE THREADS AND TORQUE TO 84 IN/LBS OR 7 FT/LBS.



VERIFY OUTLET IS FOWARD FACING, IN REFERENCE TO THE FRONT COVER.



STEP 6

VERIFY THERE ARE NO FOREIGN DEBRIS ON PICK UP TUBE OR BOTTOM OF THE LID.





STEP 7

REINSTALL ASSEMBLY IN REVERSE OF REMOVAL. TIGHTEN LID HOLD DOWN BOLTS EVENLY AND STOP WHEN GASKET STARTS TO SQUISH.