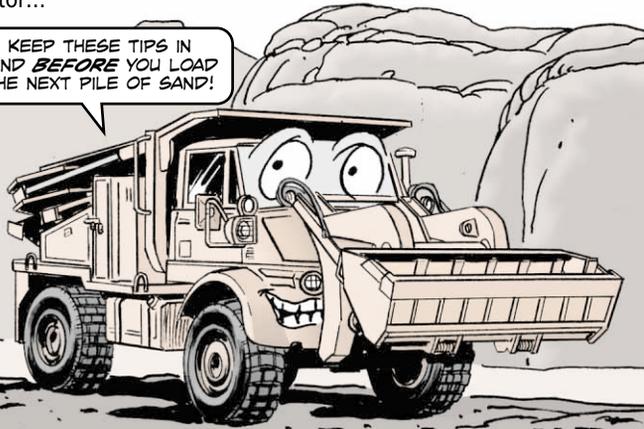


TURN LINES AROUND

KEEP THESE TIPS IN MIND **BEFORE** YOU LOAD THE NEXT PILE OF SAND!



Operators, your small emplacement excavator just came back from the RECAP program looking show-room new and ready to go.

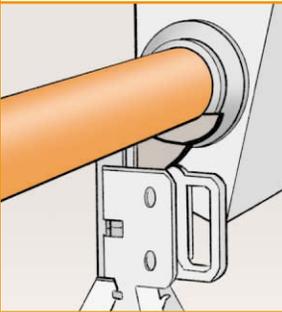
If your mission involves loading dump trucks, though, eyeball the steel lines on the boom lift cylinders before you lift one bucketful. Make sure the lines are facing up—on top of the cylinders.

Facing down, the lines take a real beating. Get the load close to the truck and the lines hit the side of the truck. Constant banging crushes the lines. Then they leak or burst during operation.

YOUR MECHANIC CAN FIX THAT BY TURNING THE CYLINDER OVER SO THE LINES ARE ON TOP. HERE'S HOW...

1. Park the excavator on a hard, level surface.

2. Raise the bucket about 30 inches and set a jackstand at the inside of each side of the lower boom crossmember.

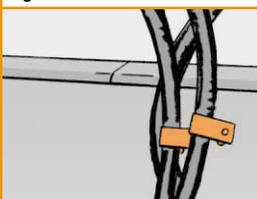


3. Now lower the lower boom crossmember on the jack stands.

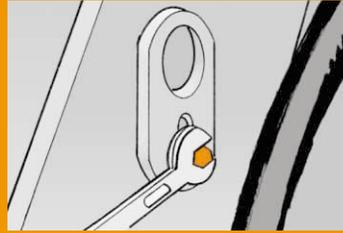
4. As the bucket slowly uncurls, keep an eye on the jacks. You want the crossmember to rest safely on both stands.

5. Shut down the engine.
6. Relieve the pressure on the hoses using the control levers in the cab for the boom and bucket cylinders.

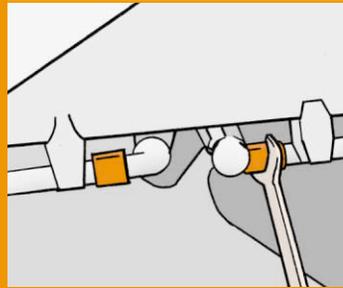
7. Remove the clamps holding the four hydraulic hoses between the left and right loader boom.



8. Remove the retaining bolt on the left boom lift cylinder (not the rod end) which holds the cylinder pivot pin.

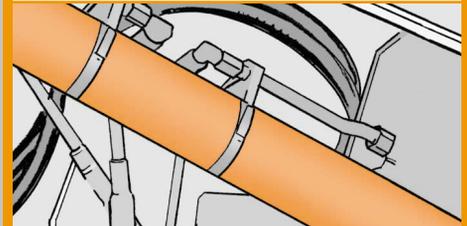


9. Loosen the A and B port swivel nuts at the 90° elbows (steel line end). Just loosen 'em, don't take 'em off.



10. Hold the cylinder while your buddy pulls out the cylinder pin.

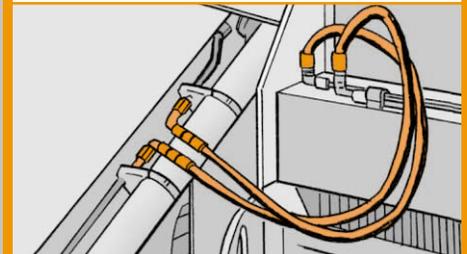
11. Rotate the cylinder 180°. This puts the steel lines on top of the cylinder.



12. Put the cylinder retaining pin back in, then the retaining bolt.

13. Tighten the two elbow fittings. Make sure the elbows are equally spaced between the lower part of the boom and the boom's lift cylinder.

14. Make sure the hoses are not kinked or interfering with the boom.



15. Tighten down the hose clamps.

ONCE YOU FINISH STEP 15, ONE SIDE WILL BE DONE. THEN DO THE SAME THING FOR THE OTHER SIDE.

NOW START THE ENGINE AND CHECK FOR HYDRAULIC LEAKS. OPERATE THE BOOM TO MAKE SURE YOU HAVE ENOUGH CLEARANCE WHEN YOU DUMP A LOAD INTO A TRUCK.



THERE, ISN'T THAT BETTER?

YOU KNOW IT! MY HOSES ARE OUT OF HARM'S WAY NOW!

