

***LeeBoy***

 **ST Engineering**

# Changing Bearings on HD Screed



12/5/2024

Designed with the Paving Professional in Mind.®

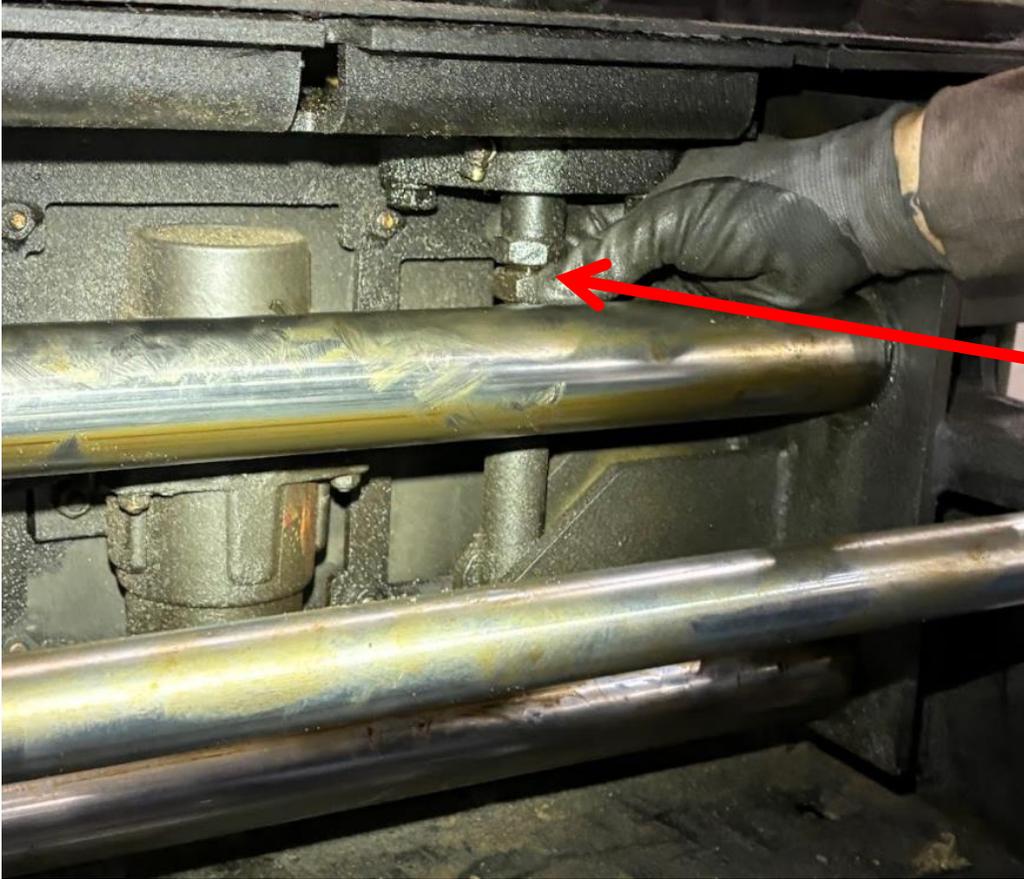
Changing Screed Bearings HD			
Part Group	Part Number	Part Description	Quantity
Mechanical	870030-01	BEARING, HEIGHT ADJUSTER, WITH PLUG	4

Locate the kit containing the stated parts.



Turn the machine on and fully extend each of the screed extensions.

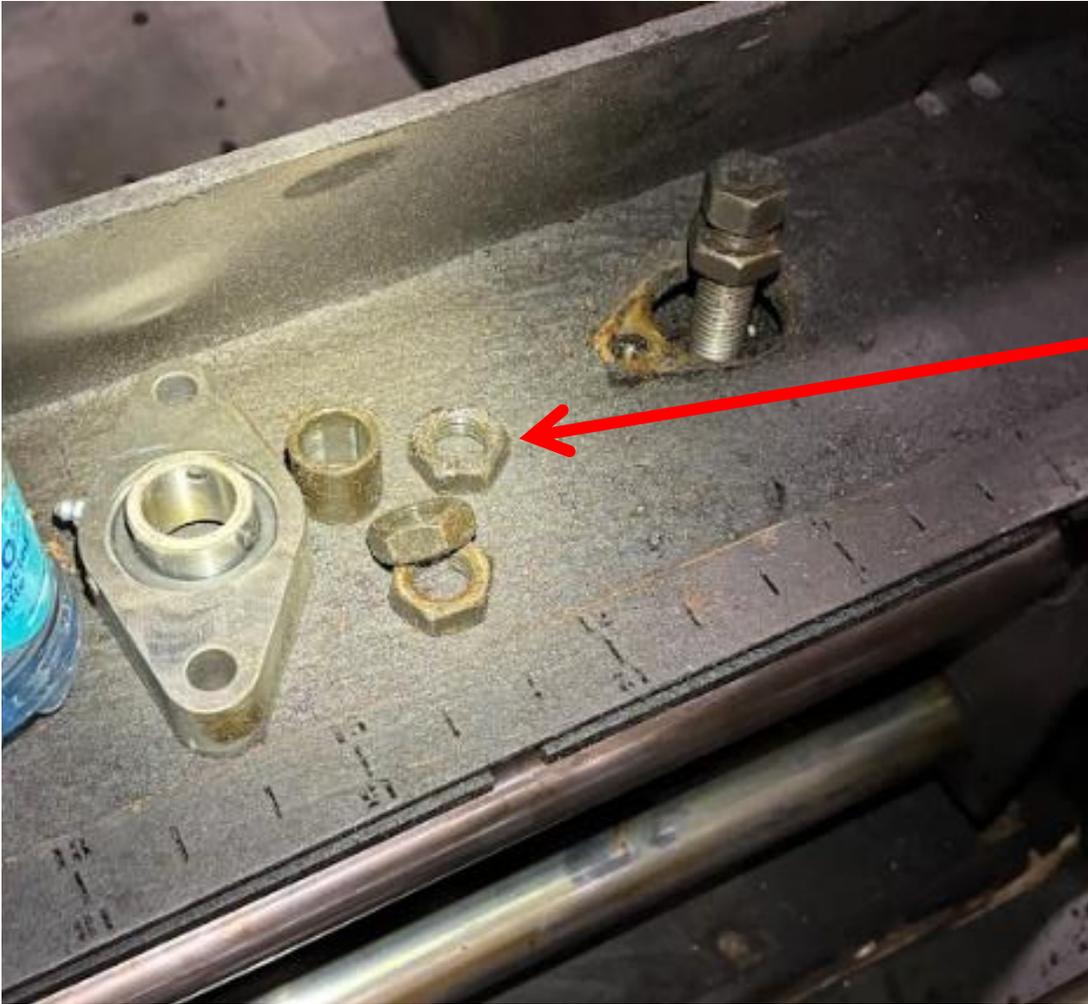
Remove the adjustment cover, on top of the screed extension.



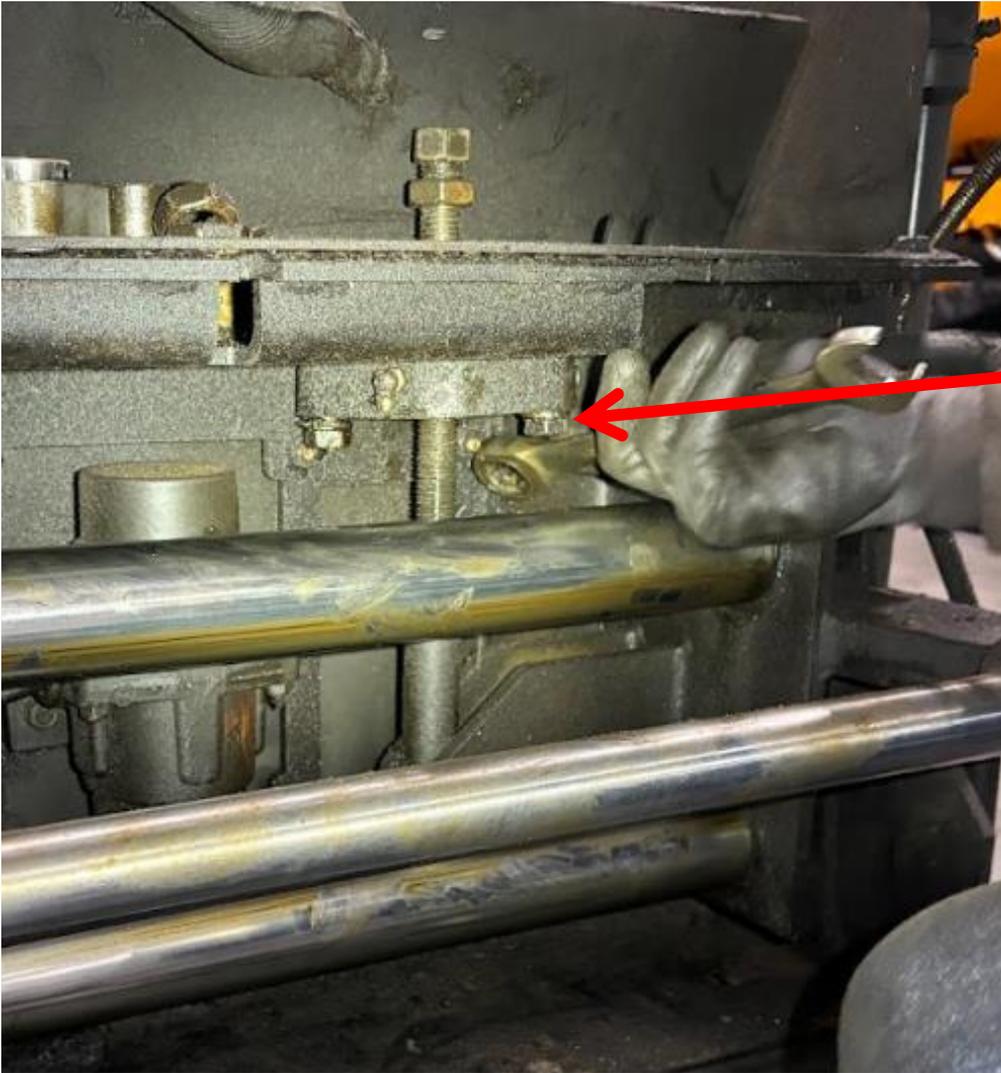
Break the jam nuts loose inside the screed extension.



While holding the jam nuts, unfasten the threaded rod, from the bottom mount, inside the extension.



Once the threaded rod has been unfastened from the mount inside the extension, completely unfasten the jam nuts from the threaded rod.



Next, unfasten the bearing from the inside of the screed extension.



Using an Allen key, loosen the set screws in the side of the old bearing.

Once unfastened, remove the bushing from inside the bearing, and set the old bearing to the side.





Ensure that the 90 deg grease fitting in the mounting portion of the bearing, will be facing toward the open portion of the extension, when installed.

- This will make daily maintenance easier.

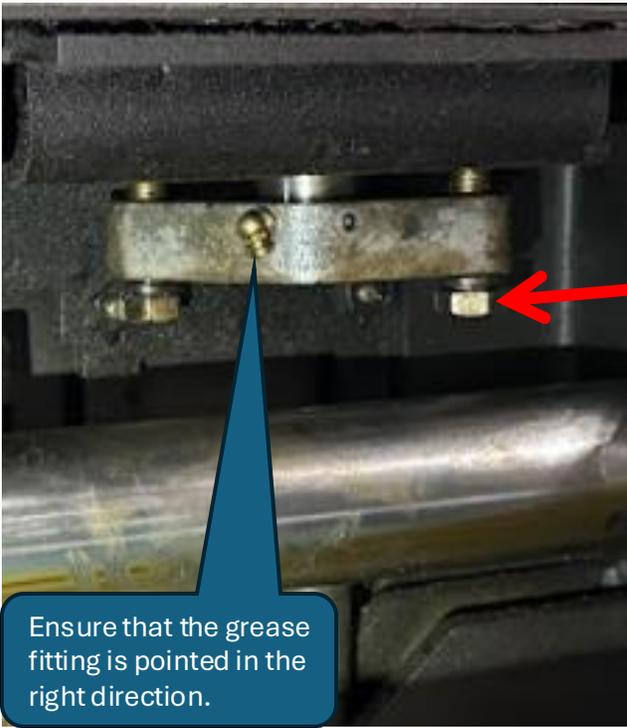
Locate the new bearings that were provided.

Paint the outer surfaces of each bearing, a mid-gloss, black paint.

Loosen the set screws in the side of the new bearing.



Push the bushing into the center of the bearing and refasten the set screws.



Ensure that the grease fitting is pointed in the right direction.



Locate the hardware you previously removed.

Loosely fasten the bearing to the screed extension.

Reinsert the threaded rod through the hole in the top of the extension.

Loosely fasten the threaded rod to the mount in the bottom of the extension.

Ensure that the threaded rod is not in a bind, or difficult to turn.

Securely fasten the new bearing inside the screed extension.



Unfasten the threaded rod from the mount.

Refasten the bushing and three jam nuts to the bottom of the threaded rod.

Refasten the rod, to the mount in the bottom of the extension.

Carefully adjust the jam nuts on the threaded rod, until the top of the rod is below the top of the extension.

When properly set, fasten the jam nuts back to their original positions.





Fasten the adjustment cover back to its original position.

Repeat the same process on the remaining vertical adjustment bearings. Finally, set the screed and then run the extensions back to their original positions.

