



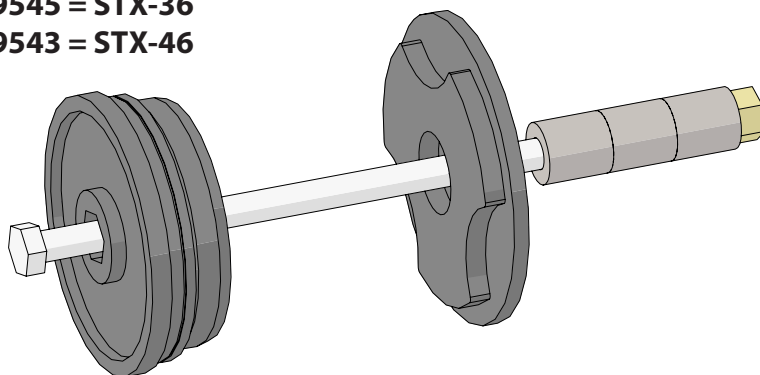
Manual

STABILIZER TRACKS SERVICE MANUAL

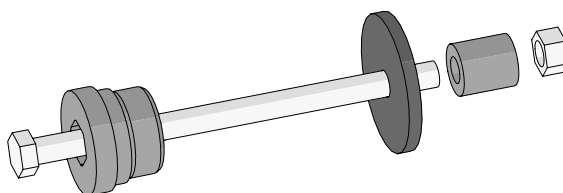
Bushing Replacement Kit

JM0059545 = STX-36

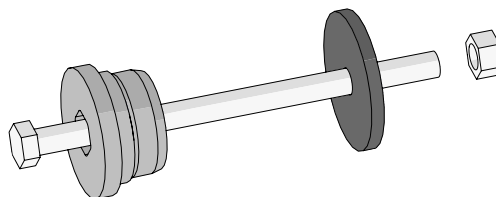
JM0059543 = STX-46



JM0061815 = STX-36



JM0059544 = STX-46



Rev. 3.23.2020

J&M Manufacturing Co, Inc

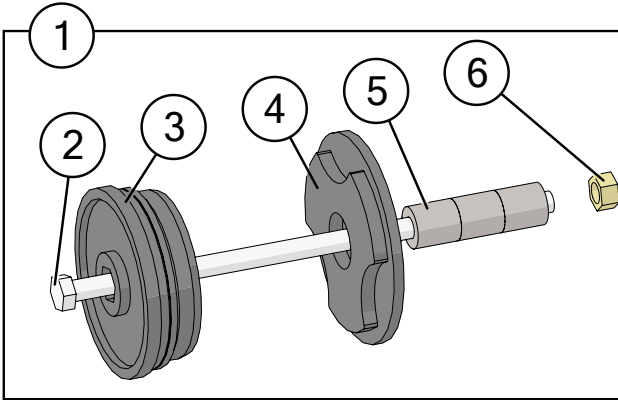
284 Railroad Street - P.O. Box 547 | Fort Recovery, OH 45846 | Ph: (419) 375-2376 | Fax: (419) 375-2708

www.jm-inc.com

Table of Contents

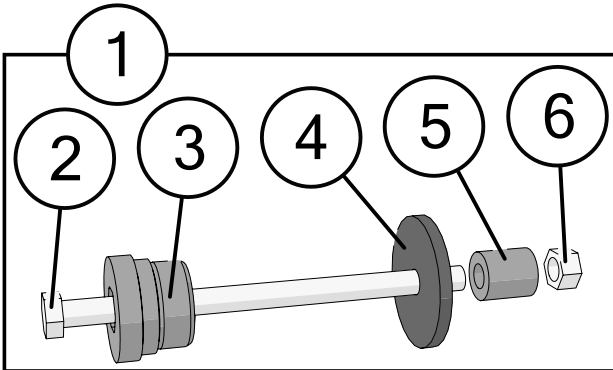
2	.....	Bushing Replacement Kit for Center Pivot STX Parts
2	.....	Bushing Replacement Kit for Tensioner STX-36 Parts
2	.....	Bushing Replacement Kit for Tensioner STX-46 Parts
3	.....	Center Pivot Bushing Replacement on STX
6	.....	Tensioner Bushing Replacement on STX

Bushing Replacement Kit for Center Pivot STX Parts



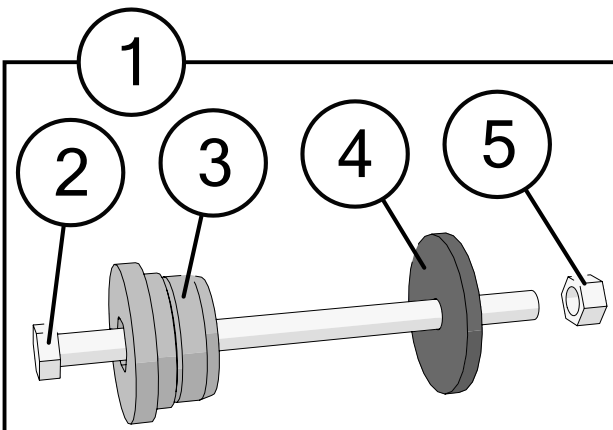
	Description	Part No.
1	V4, STX-36 Center Pivot Replacement Kit	JM0059545
1	STX-46 Center Pivot Replacement Kit	JM0059543
2	3/4"-10 x 18" Gr5 Z Hex Bolt - 6" Thread	JM0059147
3	V4, STX-36 Replacement Bushing - Center Pivot - Bushing Guide Weldment	JM0055135
3	STX-46 Replacement Bushing - Center Pivot - Bushing Guide Weldment	JM0055175
4	V4, STX-36 Replacement Bushing - Center Pivot - Pull Plate Weldment	JM0055107
4	STX-46 Replacement Bushing - Center Pivot - Pull Plate Weldment	JM0055243
5	Track Bushing Replacement Kit - Spacer	JM0055099
6	3/4"-10 Gr8 YZ Hex Nut	JM0042265

Bushing Replacement Kit for Tensioner STX-36 Parts



	Description	Part No.
1	STX-36 Tensioner Bushing Replacement Kit	JM0061815
2	3/4"-10 x 12" Gr5 Z Hex Bolt	JM0031967
3	V4, STX-36 Replacement Bushing - Tensioner/Bogie - Bushing Guide	JM0055080
4	Replacement Bushing - Tensioner/Bogie Pull Plate	JM0059050
5	Track Bushing Replacement Kit - Spacer	JM0055099
6	3/4"-10 Gr5 Z Hex Nut	JM0002125

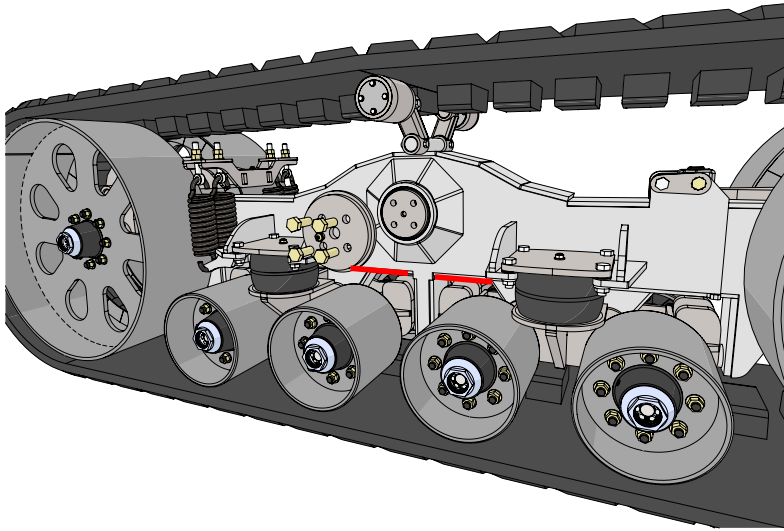
Bushing Replacement Kit for Tensioner STX-46 Parts



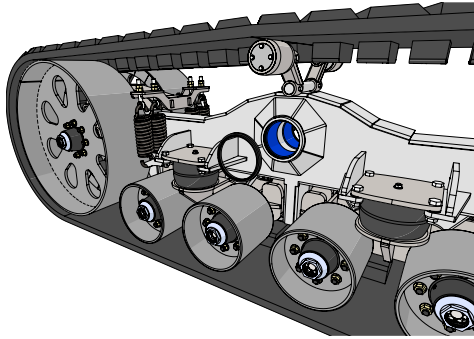
	Description	Part No.
1	STX-46 Tensioner Bushing Replacement Kit	JM0059544
2	3/4"-10 x 12" Gr5 Z Hex Bolt	JM0031967
3	STX-46 Replacement Bushing - Tensioner - Bushing Guide	JM0059043
4	Replacement Bushing - Tensioner/Bogie Pull Plate	JM0059050
5	3/4"-10 Gr5 Z Hex Nut	JM0002125

Center Pivot Bushing Replacement on STX

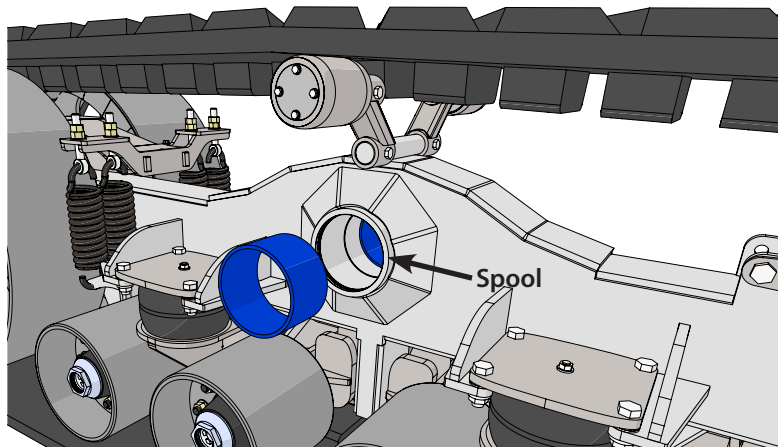
1. Remove the (4) 3/4"-10 x 2" bolts and plate on the center pivot. Use tractor forks to pull the tracks off of the axle.



2. Remove seal.



3. Remove the old bushings with a dremel tool or something similar try not to mar any of the interior steel spool.

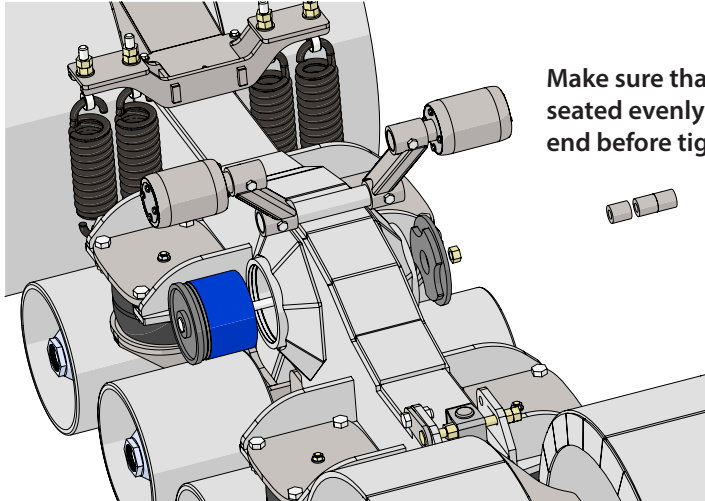


4. Clean out any debris that may be leftover.

Center Pivot Bushing Replacement on STX

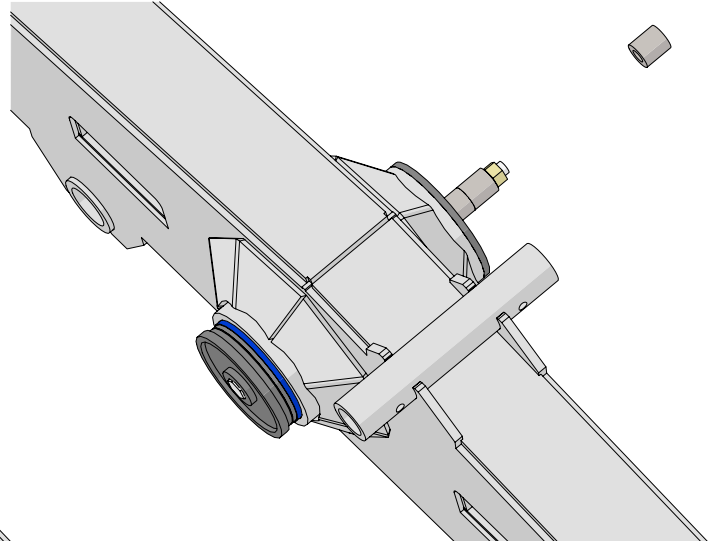
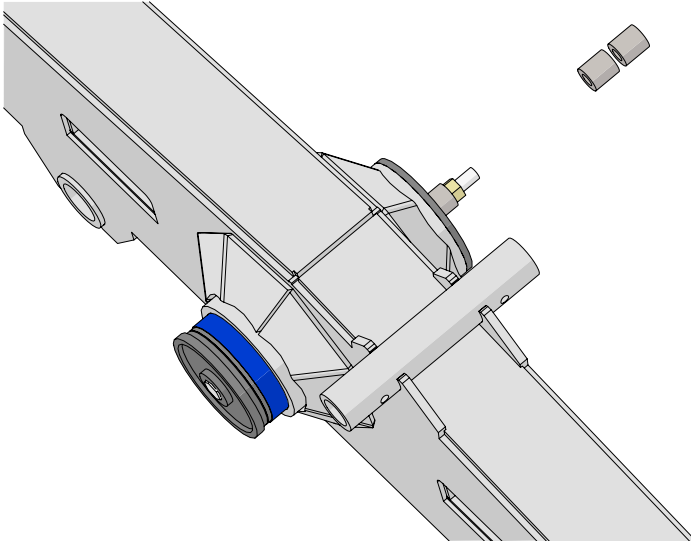
5. Follow the images below to start the process of pressing the bushing into place.

Make sure the bushing is seated evenly before pressing.

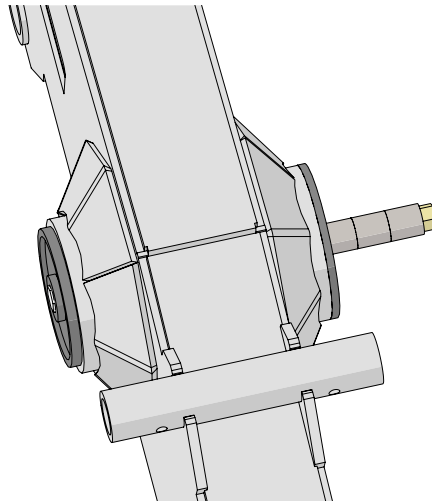


Make sure that this plate is seated evenly on the spool end before tightening.

6. As you tighten the nut you will need to hit the opposite side with a dead blow to make sure the nut keeps traveling. You will need to remove the nut and add a spacer to finish pressing the bushing to its place.

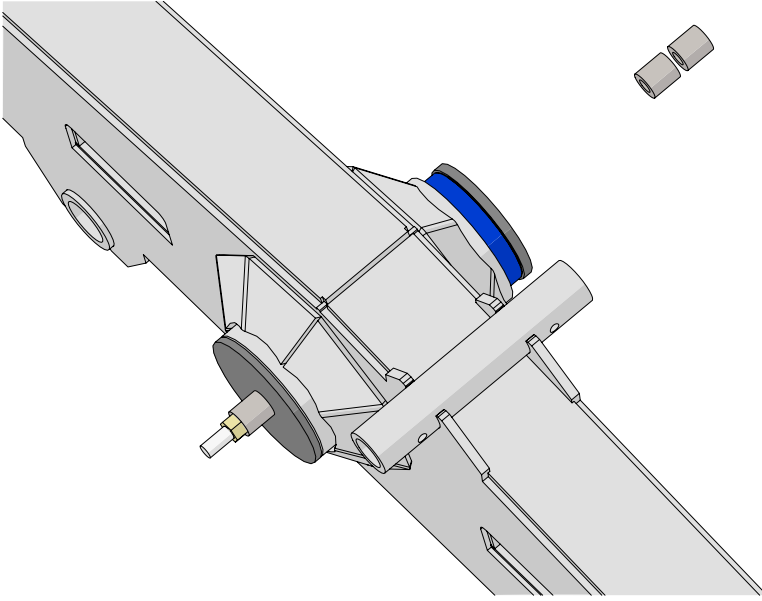


7. The bushing should end there when you tighten the plates until they meet the spools on both sides.
READ STEP 10 IF YOUR TRACKS WERE MADE BEFORE 2019!



Center Pivot Bushing Replacement on STX

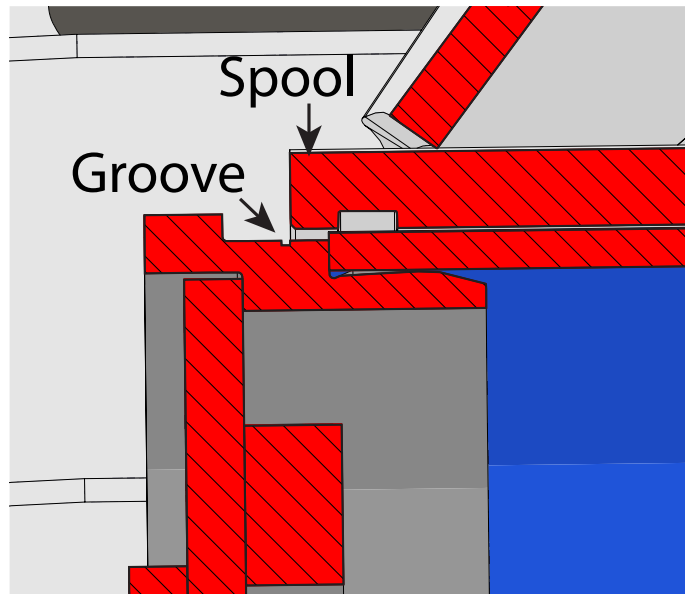
8. Switch sides and repeat the process with your second bushing. **When finished with one side be careful not to scrape the inside of the bushing with the bolt.**



9. If this is the only thing to replace, go through the steps backwards to put your tracks back together. **Be careful when sliding the track center pivot through with brand new bushings.**

ONLY READ STEP 10 IF YOUR TRACKS WERE MADE BEFORE 2019!

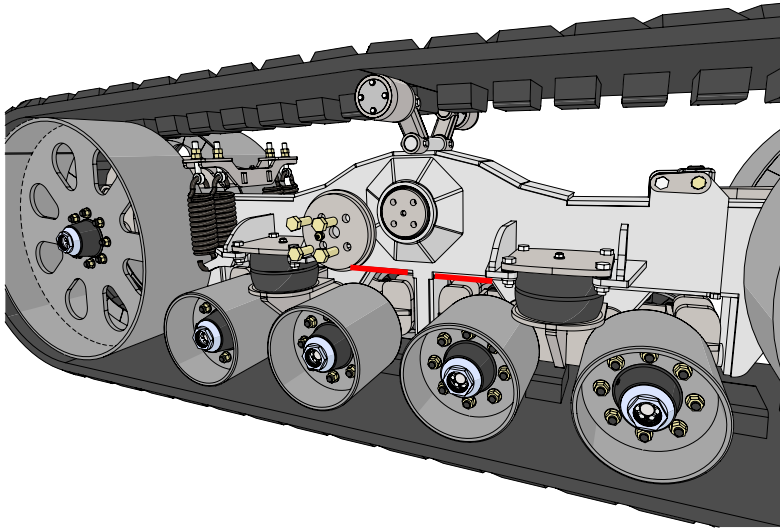
10. When you have a set of stabilizer tracks that were made before 2019 the bushing stopping point will be when the groove lines up with the spool as shown in the image below.



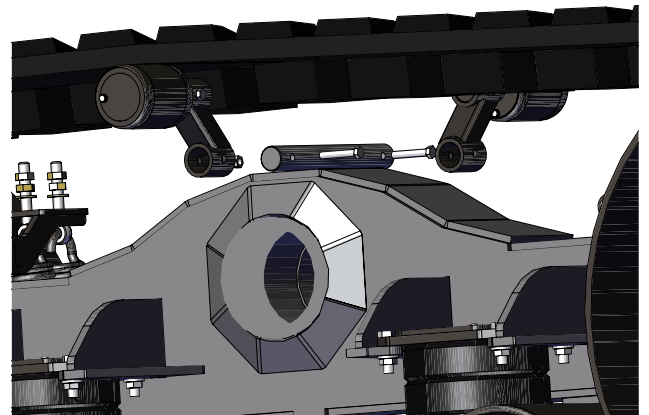
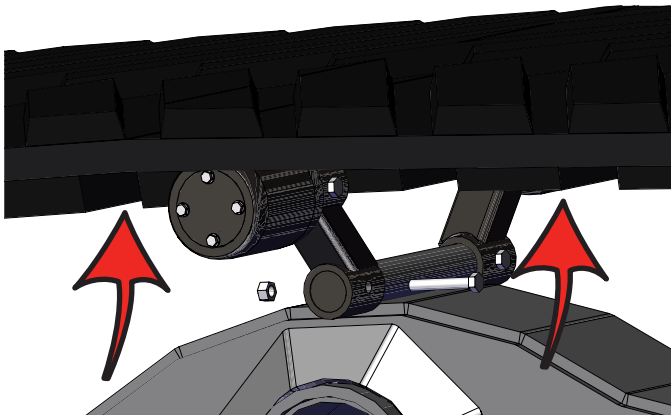
End of Center Pivot Bushing Replacement on STX

Tensioner Bushing Replacement on STX

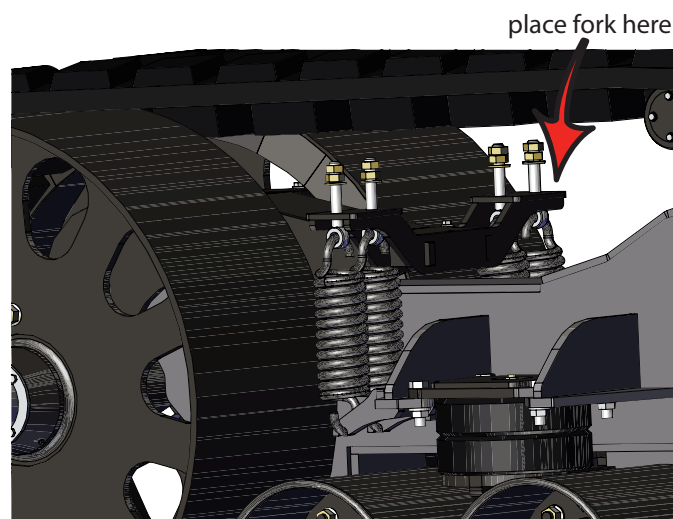
1. Remove the (4) 3/4"-10 x 2" bolts and plate on the center pivot. Use tractor forks to pull the tracks off of the axle.



2. Use forks of tractor to lift the belt off of the upper mid-rollers. Take off the upper mid-rollers by removing both 1/2" x 3" bolts and 1/2" nuts shown below.

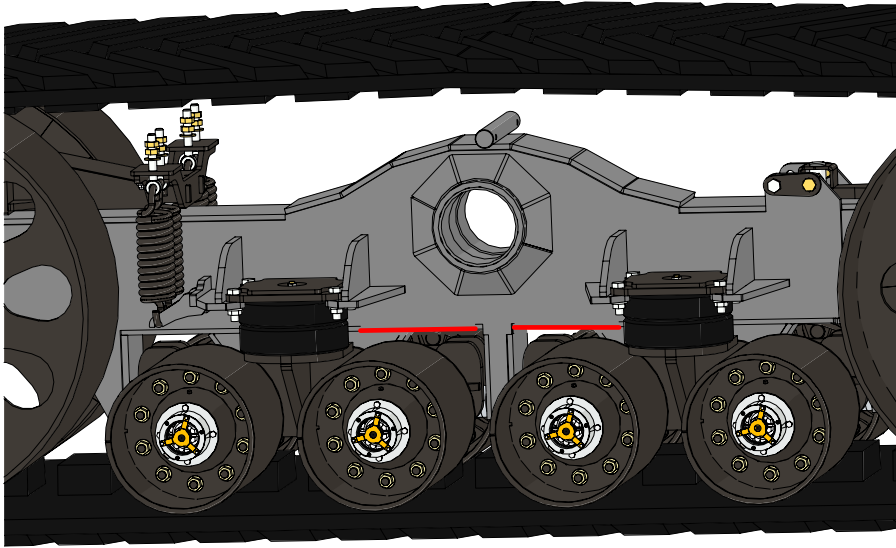


3. Loosen the nuts on the tensioner shown below with 1-1/8" ratchet wrench. For easier removal, place one fork of the forklift near the edge of the tensioner spring plate and maintain downward pressure to relieve pressure sooner from springs. Once nuts have been removed, ease off with the forklift.

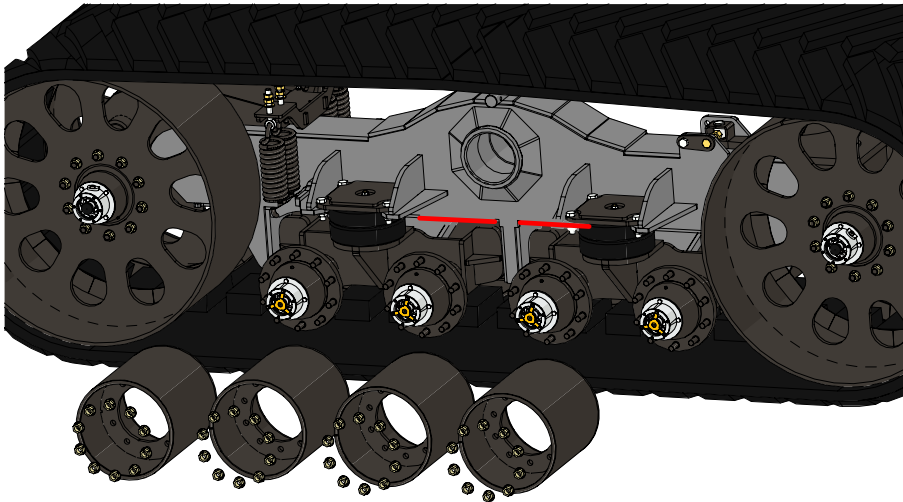


Tensioner Bushing Replacement on STX

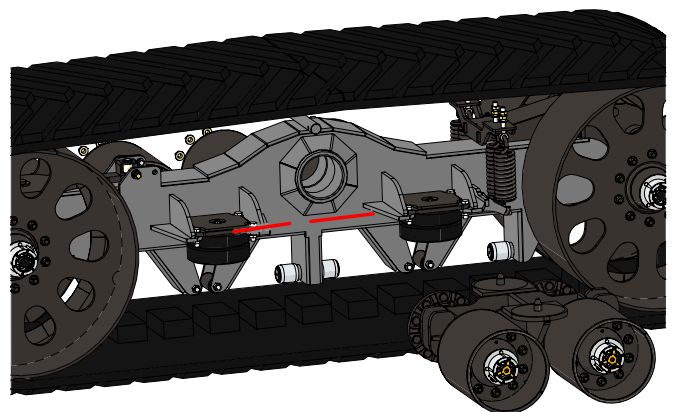
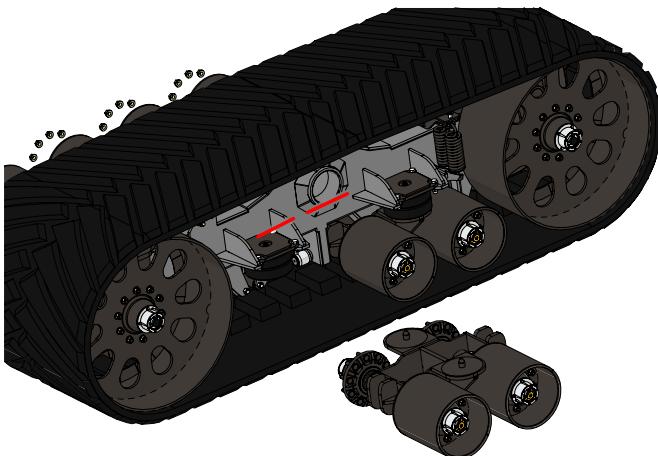
4. Once the tensioner and upper rollers are removed, lift the tracks with a forklift where the red lines indicate. This will give enough slack in the track to remove the lower bogies.



5. Remove the four bogies on the opposite side of the tracks as the forklift. Set the track down and pick it up from the opposite side in the same location.

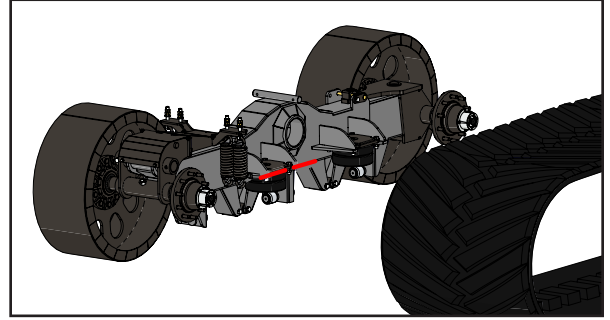
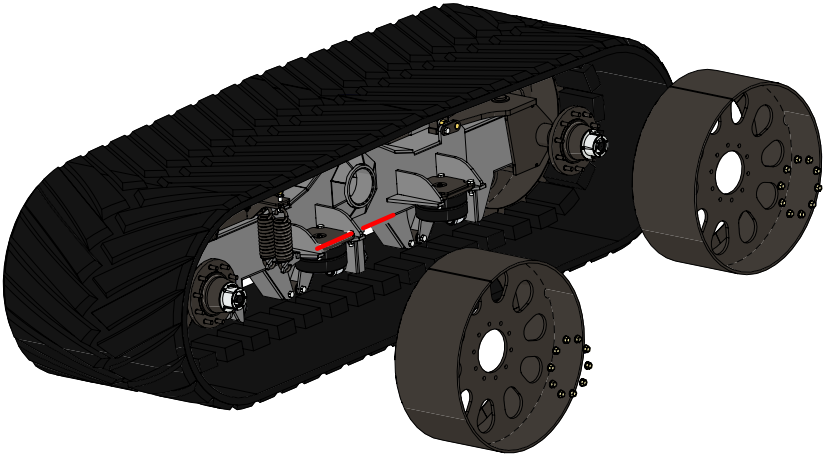


6. Now slide the whole weldments out of the side that has the bogies still attached. Spraying WD-40 on the belt will help the hubs and wheels slide more easily against the belt surface.

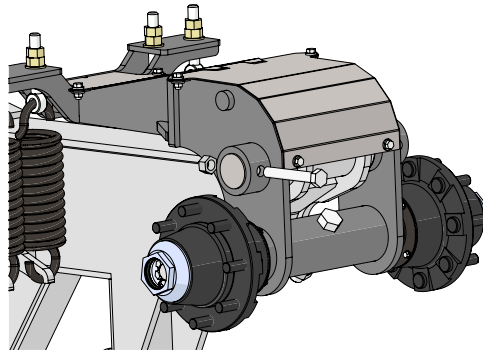
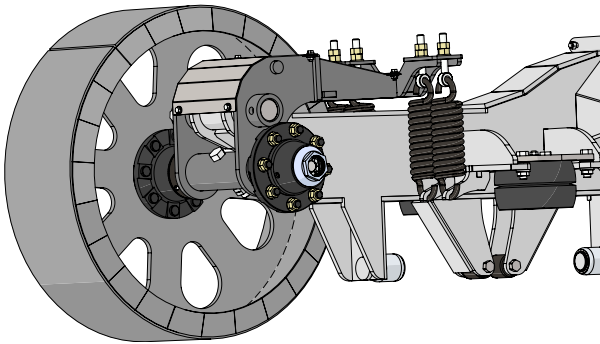


Tensioner Bushing Replacement on STX

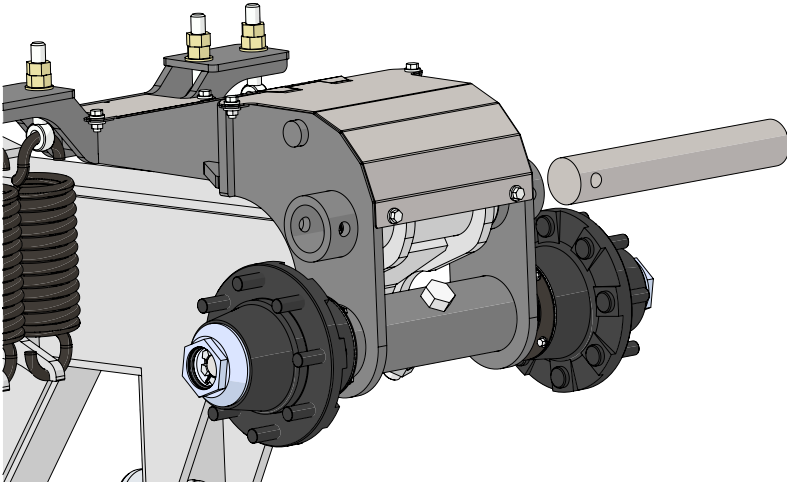
7. Remove the end idler track wheels on the opposite side as the forklift that is holding up the track. Then you will be able to slide the rubber track off of the unit.



8. Remove the end idler wheel. Remove the 3/4" x 5" bolt to remove the pin.

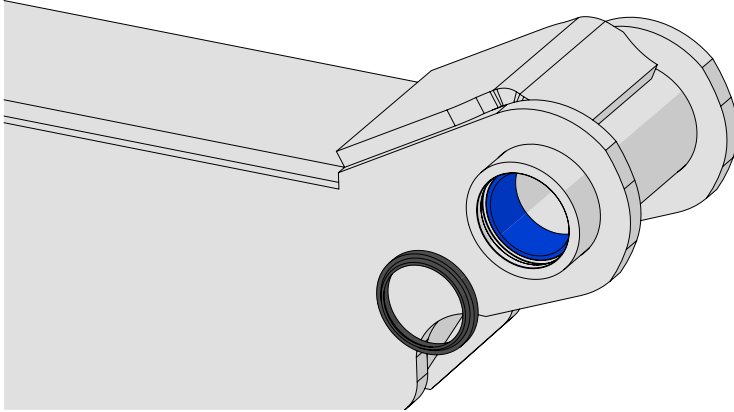


9. Remove the pin shown below then remove the tensioning apparatus.

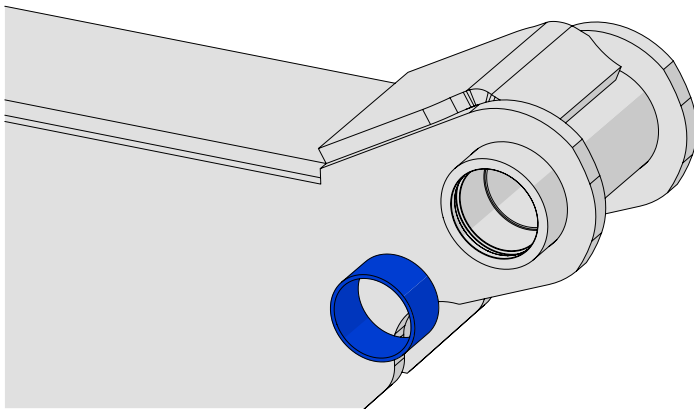


Tensioner Bushing Replacement on STX

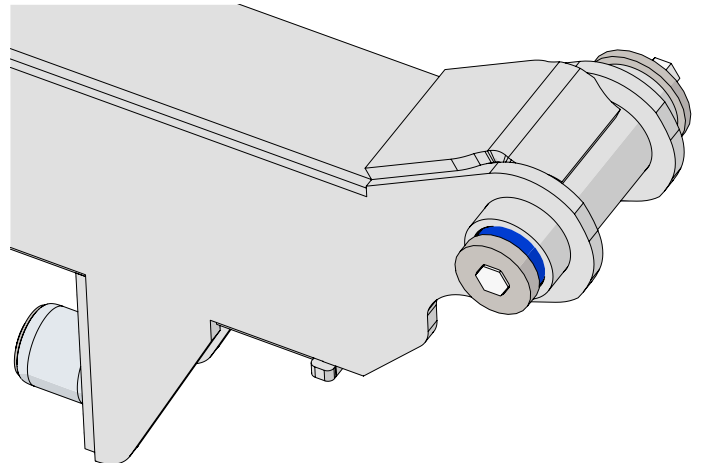
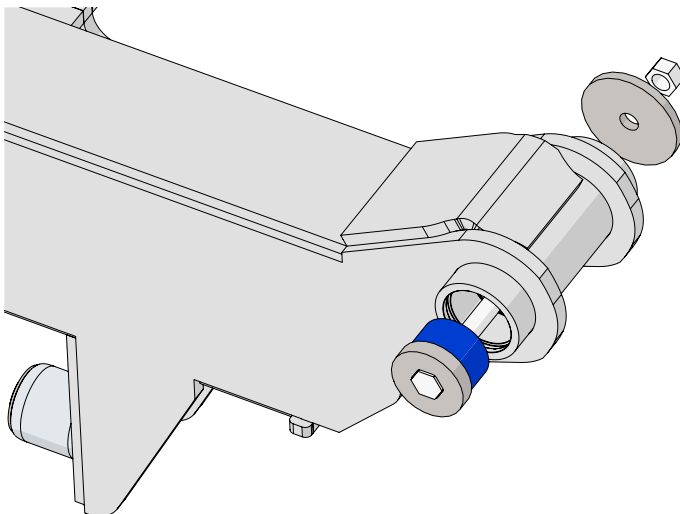
10. Remove the seal on both sides.



11. Remove the bushings with the help of a dremel tool or something similar. Be careful not to mar the inside of the steel spool.



12. Use the bushing kit in the position shown below and tighten the nut to press in the new bushing and replace the seal that was taken out in step 11.



13. **When finished with one side be careful not to scrape the inside of the bushing with the bolt.** When finished install the new bushing on the other side.
14. Start working through the steps in reverse to put your tracks back together. **Be careful not to scrape the inside of the new bushings when reassembling.**

End of Tensioner Bushing Replacement on STX