

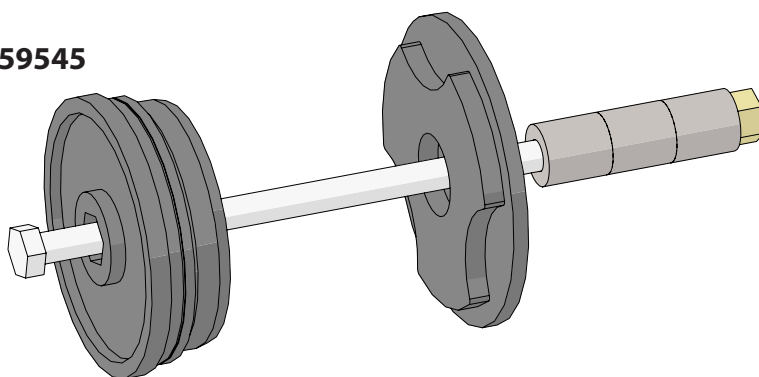


Manual

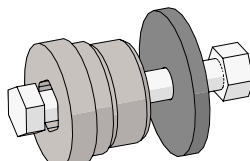
V4 TRACKS SERVICE MANUAL

Bushing Replacement Kit

JM0059545



JM0059546



Rev. 3.23.2020

J&M Manufacturing Co, Inc

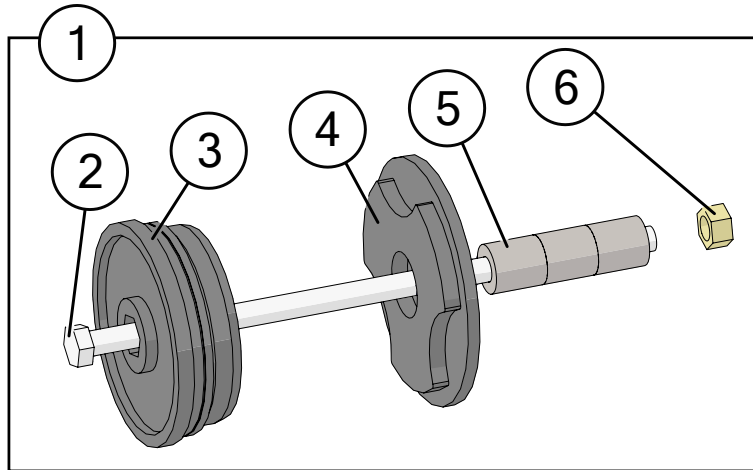
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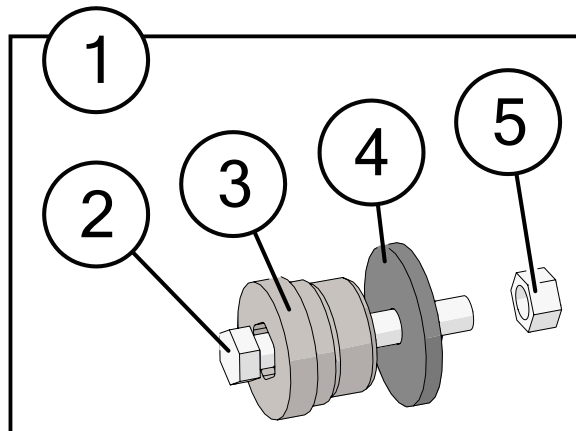
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Bushing Replacement Kit for Center Pivot V4 Parts



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

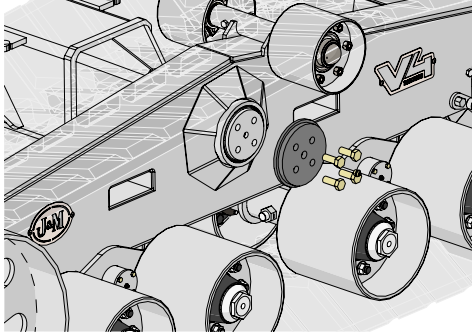
Bushing Replacement Kit for Tensioner and Bogie V4 Parts



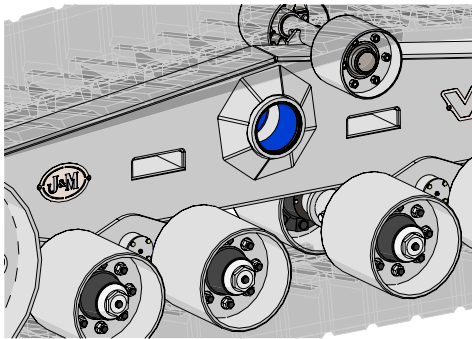
	Description	Part No.
1	V4 Tensioner/Bogie Replacement Bushing Kit	JM0059546
2	3/4"-10 x 5" Gr5 Z Hex Bolt	JM0009997
3	V4, STX-36 Replacement Bushing - Tensioner/Bogie - Bushing Guide	JM0055080
4	Replacement Bushing - Tensioner/Bogie Pull Plate	JM0059050
5	3/4"-10 Gr5 Z Hex Nut	JM0002125

Center Pivot Bushing Replacement on V4

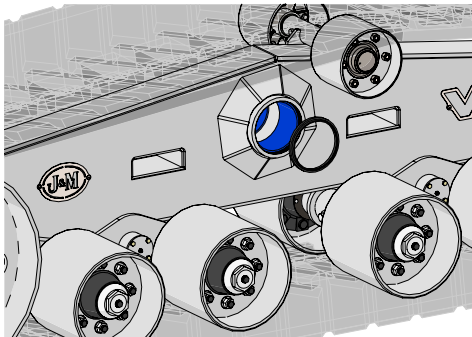
1. Remove the (4) 3/4"-10 x 2" bolts and plate on the center pivot.



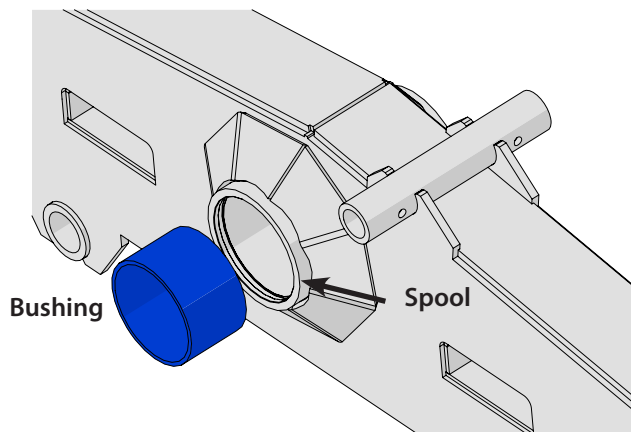
2. Use tractor forks to pull the tracks off of the axle.



3. Remove seal.

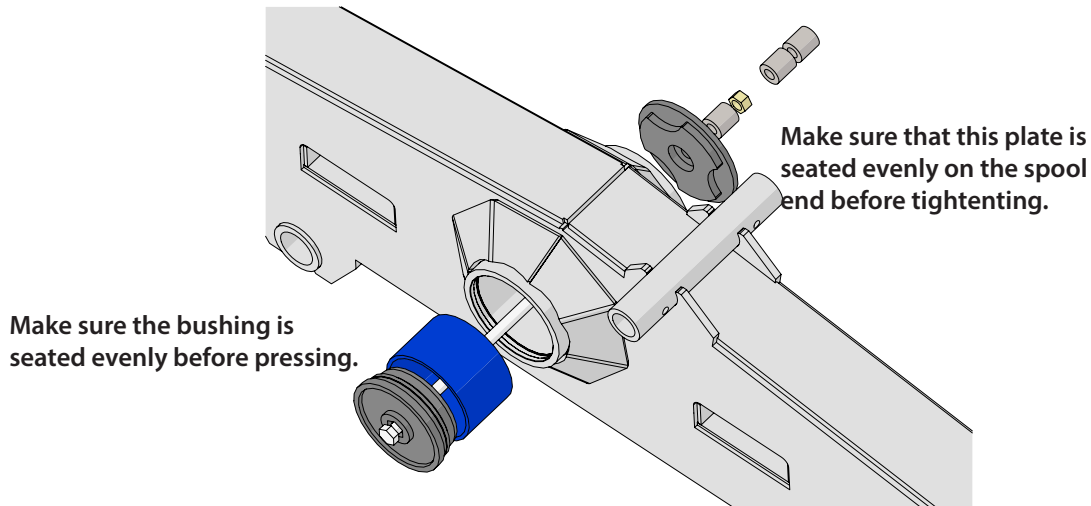


4. Remove the old bushings with a dremel tool or something similar try not to mar any of the interior steel spool.

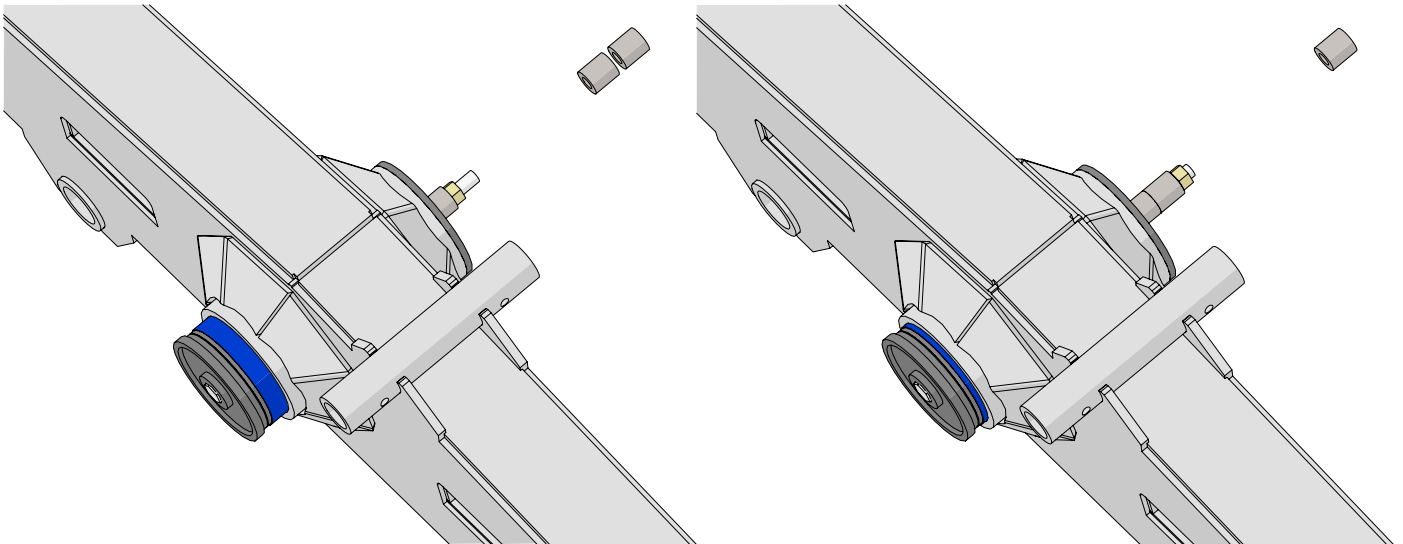


Center Pivot Bushing Replacement on V4

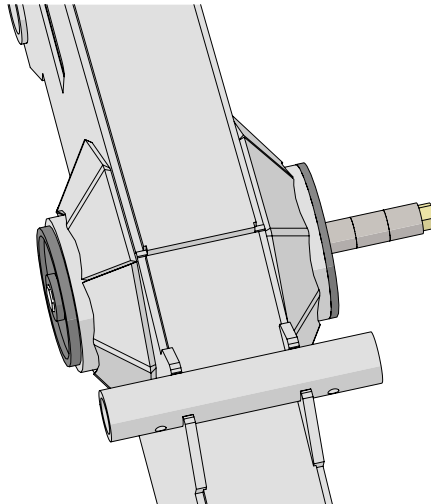
5. Clean out any debris that may be leftover.
6. Follow the images below to start the process of pressing the bushing into place.



7. 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.

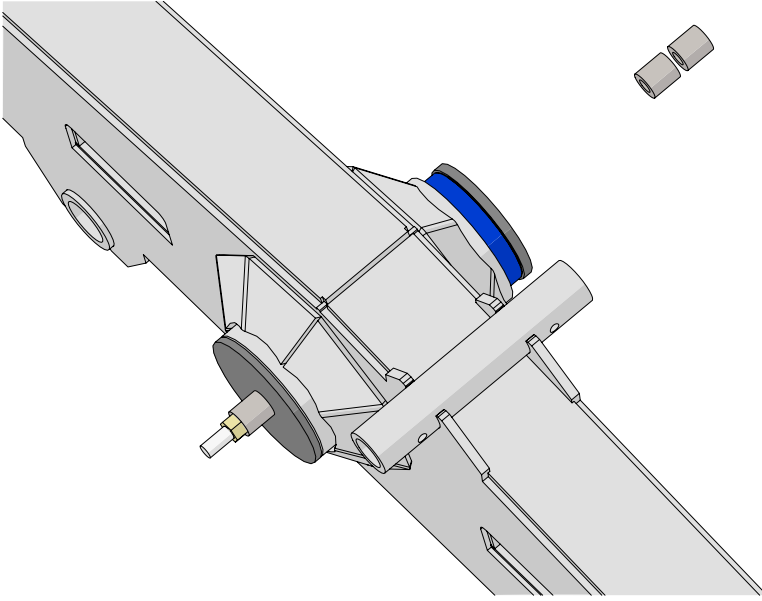


8. The bushing should end there when you tighten the plates until they meet the spools on both sides.



Center Pivot Bushing Replacement on V4

9. 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.**

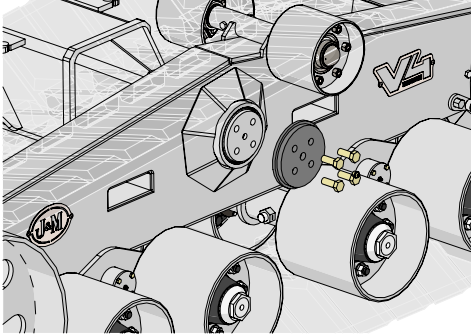


10. If this is the only thing to replace, go through the steps backwards to put your tracks back together. **Be careful when sliding the track center pivot through with brand new bushings.**

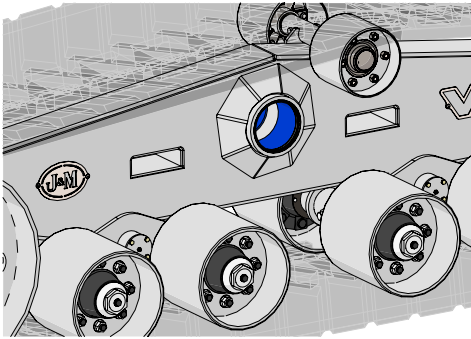
End of Center Pivot Bushing Replacement on V4

Mid-Roller Center Pivot Bushing Replacement on V4

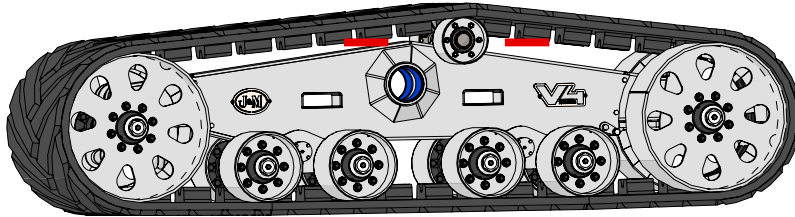
1. Remove the (4) 3/4" x 2" hex bolts and plate on the center pivot.



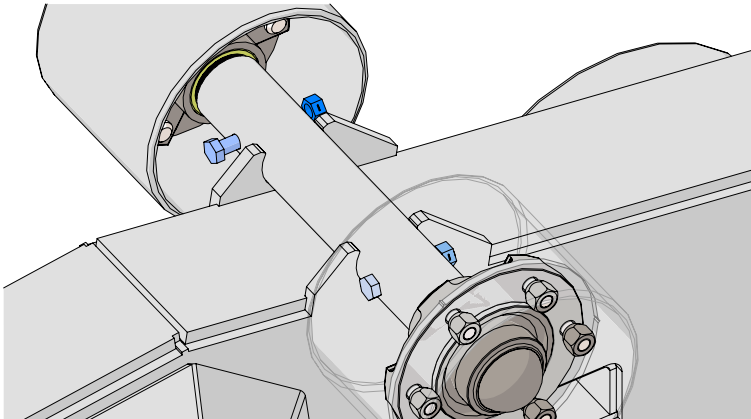
2. Use tractor forks to pull the tracks off of the axle.



3. Use forks of tractor to lift the belt off of the upper mid-rollers.

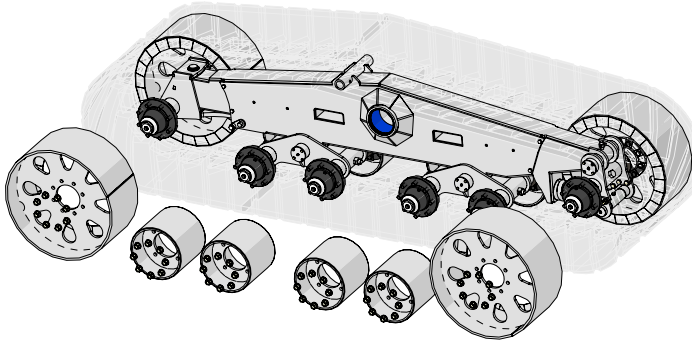


4. Take off the upper mid-rollers by removing both 3/4" x 3" bolts and 3/4" nuts shown in blue.

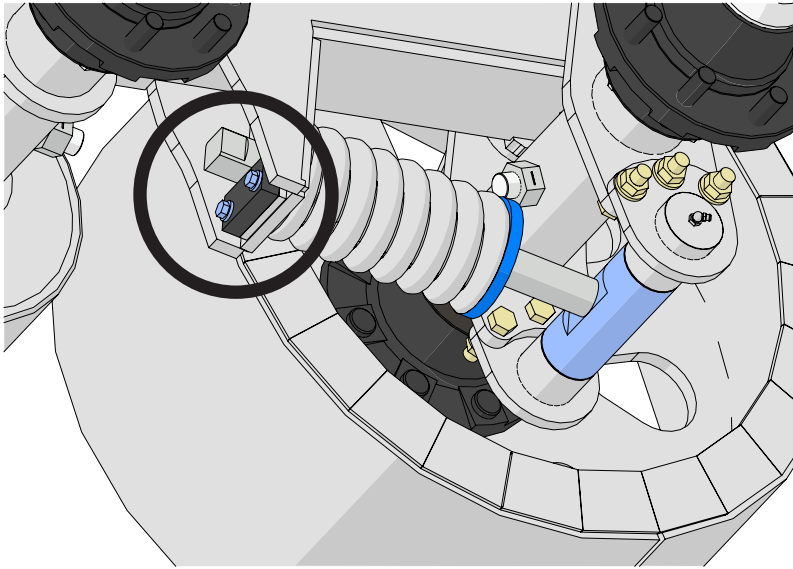


Mid-Roller Center Pivot Bushing Replacement on V4

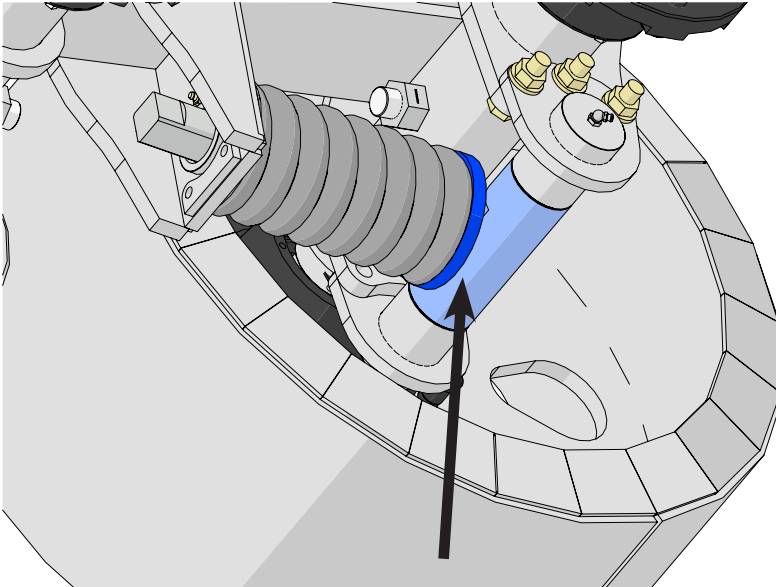
5. Remove all the Bogie wheels by loosening the 3/4" serrated flange nut on the side of the tracks that you have your tractor on.



6. Remove the (2) 3/8" x 1-1/2" bolts and the tensioner stopping plate.

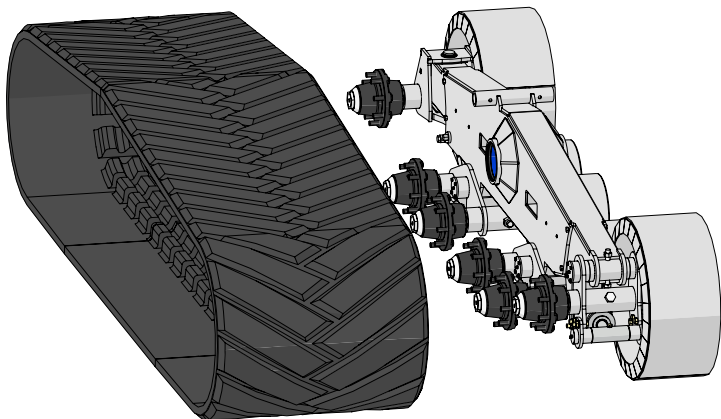


7. Loosen the spring tensioner until it stops using the socket supplied with the tracks (1-5/16" socket).

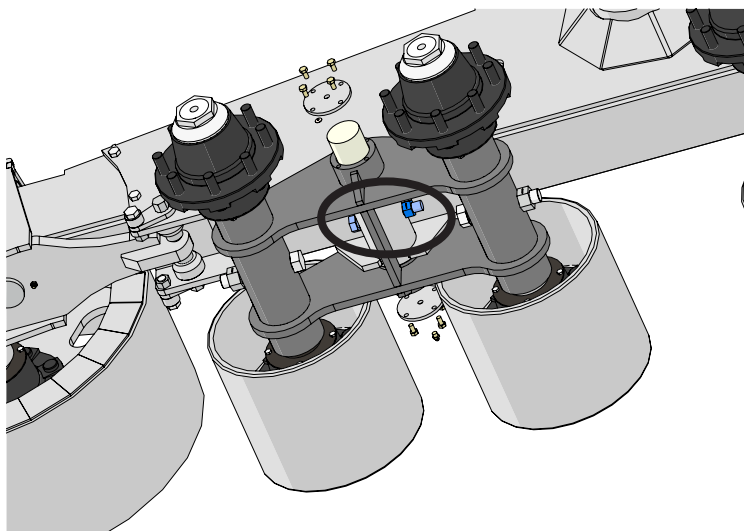


Mid-Roller Center Pivot Bushing Replacement on V4

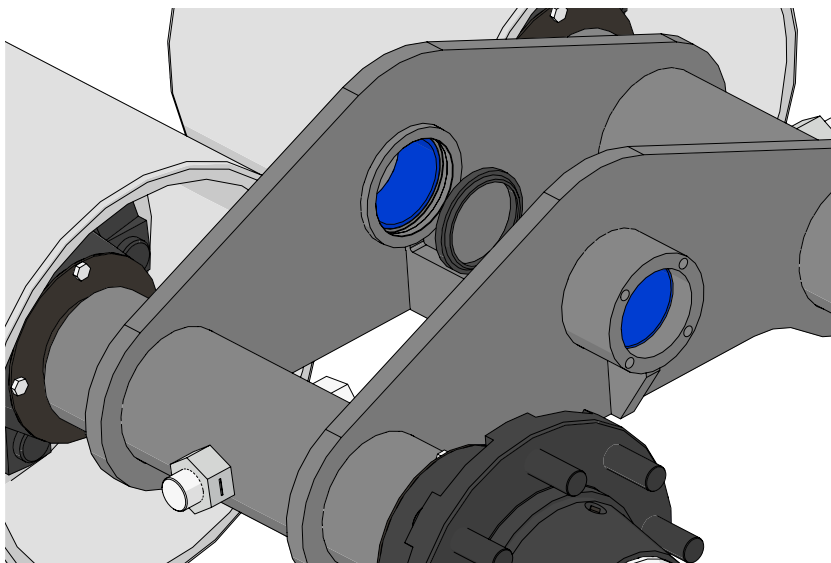
8. Slide the belt off.



9. Remove the mid-roller center pivot pin by first removing all eight 5/16"-18 x 5/8" bolts and the two end plates. Then remove the 3/4" x 5" bolt in the center and take the pin out.

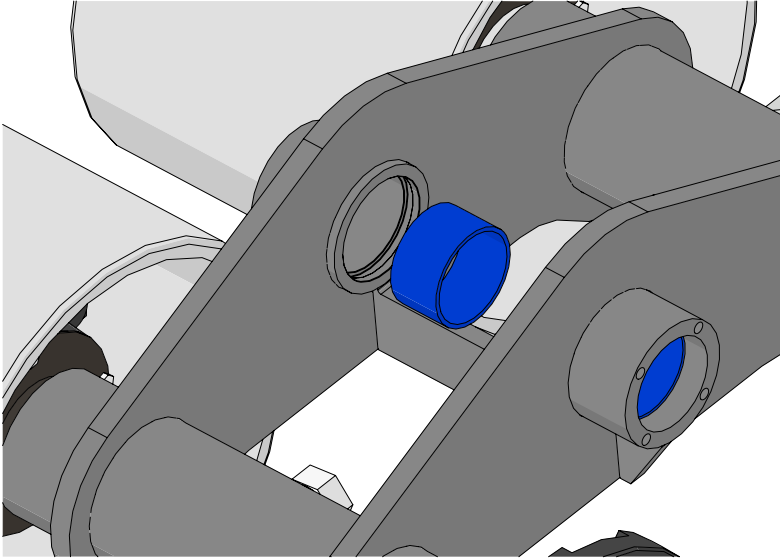


10. Remove the seal.

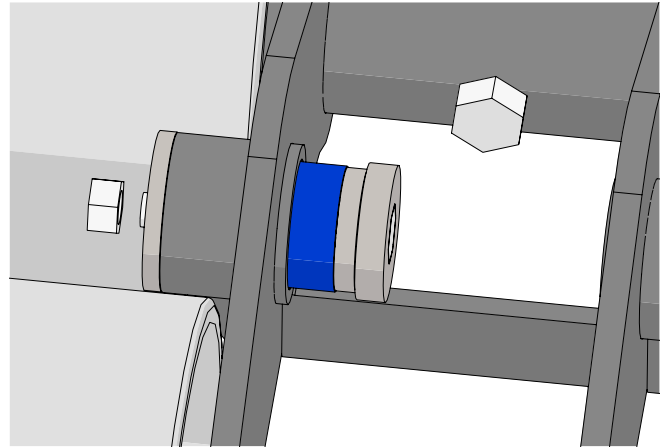
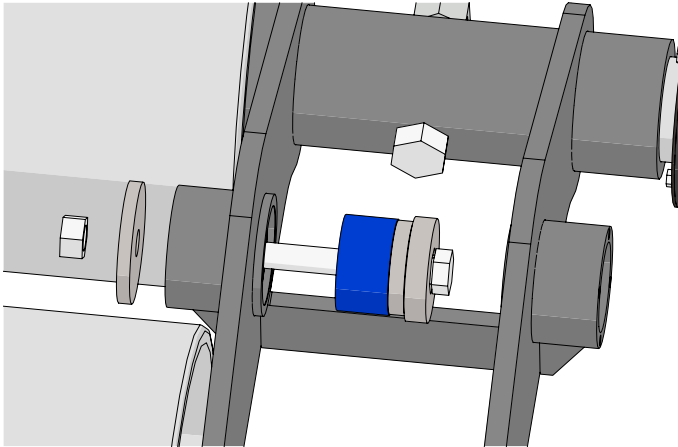


Mid-Roller Center Pivot Bushing Replacement on V4

11. Remove the old bushing with a dremel tool or something similar. Try not to mar the inside spool.



12. Set up the bushing kit as shown. Tighten the 3/4" nut to press in the new bushing.

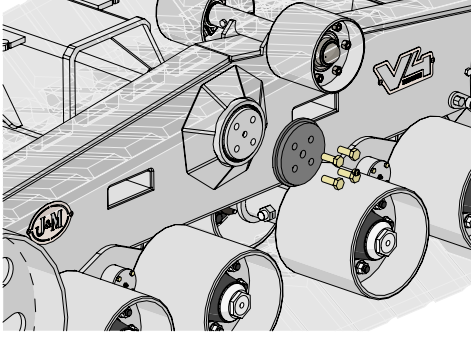


13. Repeat the steps 10-12 for the opposite side as well. **When finished with one side be careful not to scrape the inside of the bushing with the bolt.**
14. Then go through the steps in reverse to put your tracks back together. **Be careful not to scrape the inside of the new bushings when reassembling.**

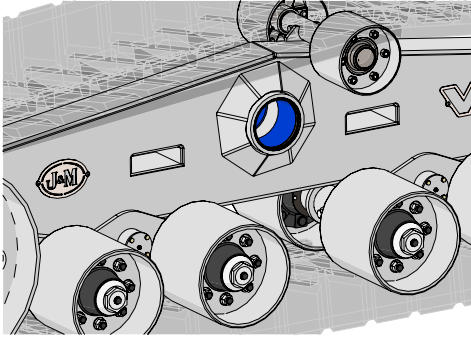
End of Mid-Roller Center Pivot Bushing Replacement on V4

Tensioner Bushing Replacement on V4

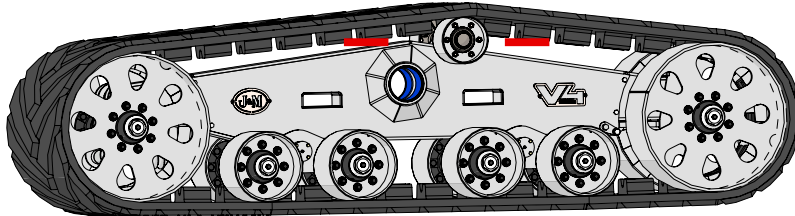
1. Remove the (4) 3/4" x 2" hex bolts and plate on the center pivot.



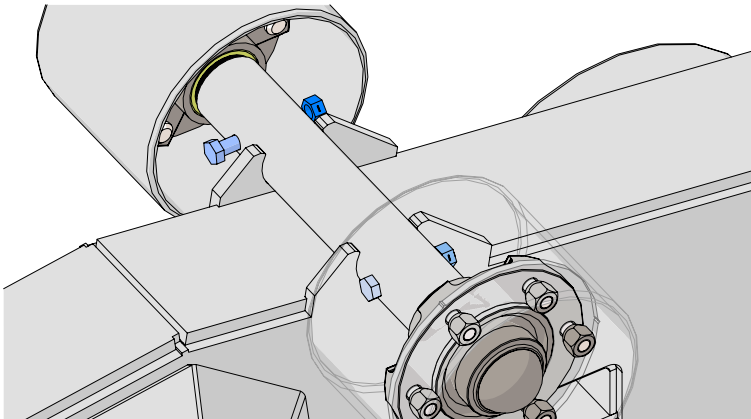
2. Use tractor forks to pull the tracks off of the axle.



3. Use forks of tractor to lift the belt off of the upper mid-rollers.

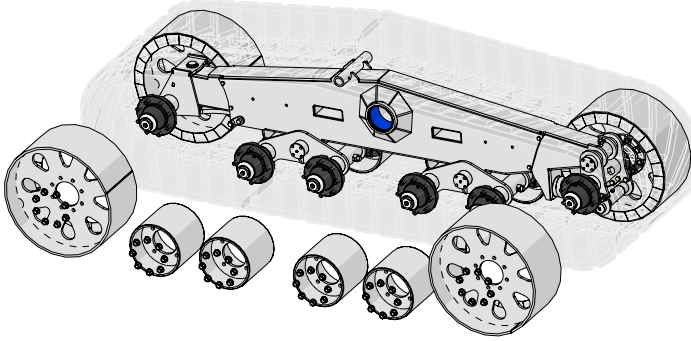


4. Take off the upper mid-rollers by removing both 3/4" x 3" bolts and 3/4" nuts shown in blue.

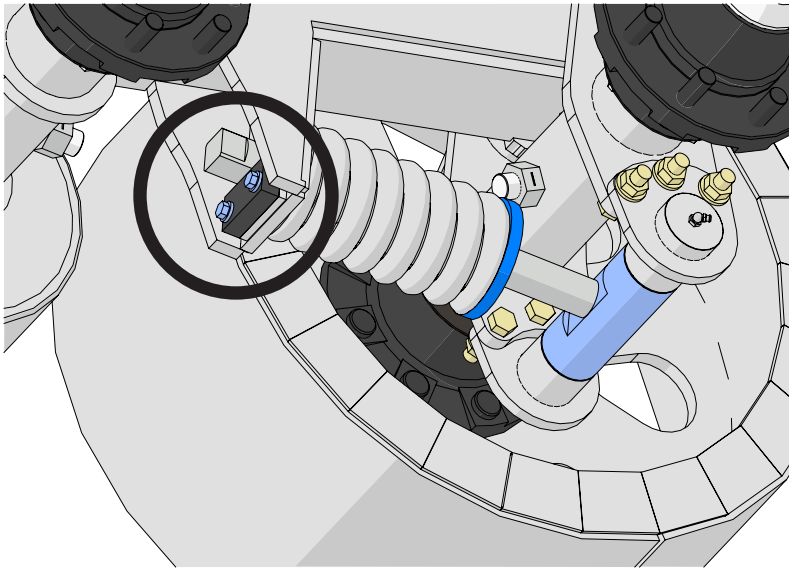


Tensioner Bushing Replacement on V4

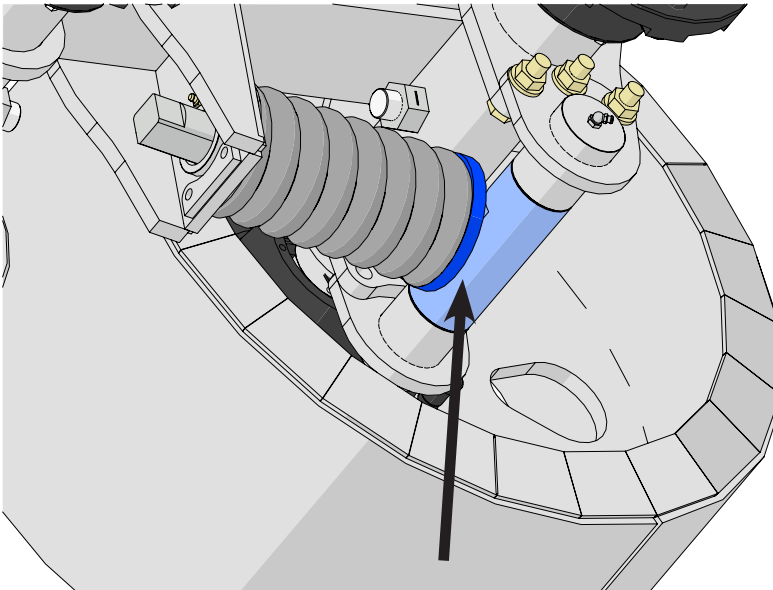
5. Remove all the Bogie wheels by loosening the 3/4" serrated flange nut on the side of the tracks that you have your tractor on.



6. Remove the (2) 3/8" x 1-1/2" bolts and the tensioner stopping plate.

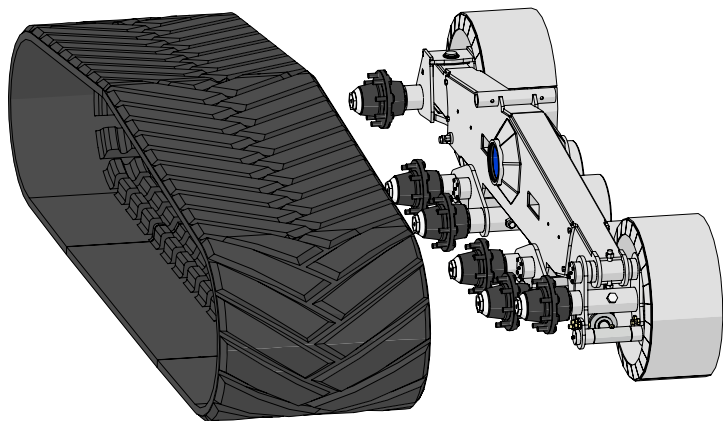


7. Loosen the spring tensioner until it stops using the socket supplied with the tracks (1-5/16" socket).

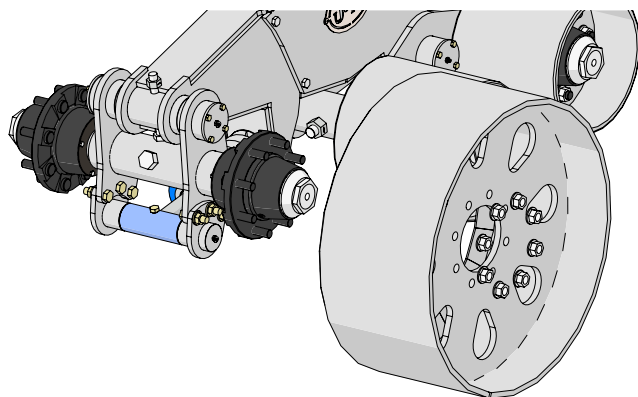


Tensioner Bushing Replacement on V4

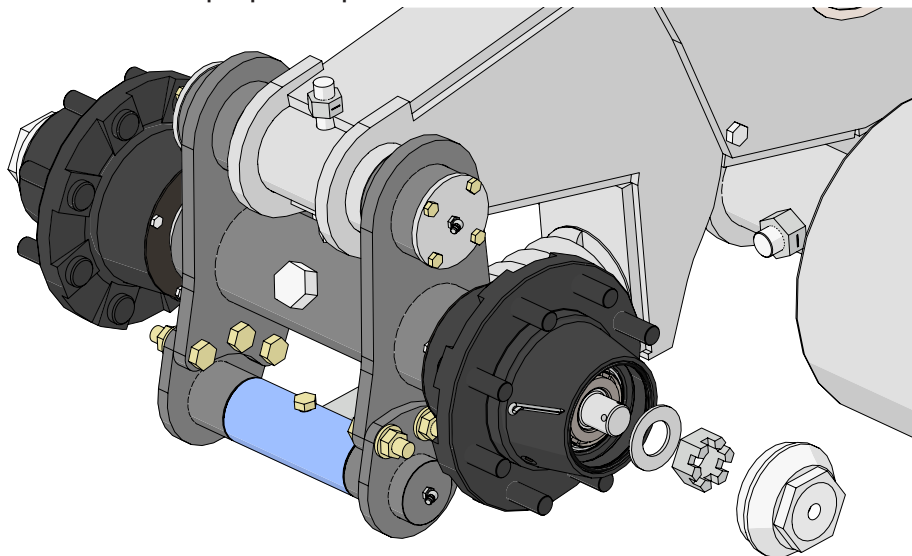
8. Slide the belt off.



9. Remove other large Bogie on tensioner side.

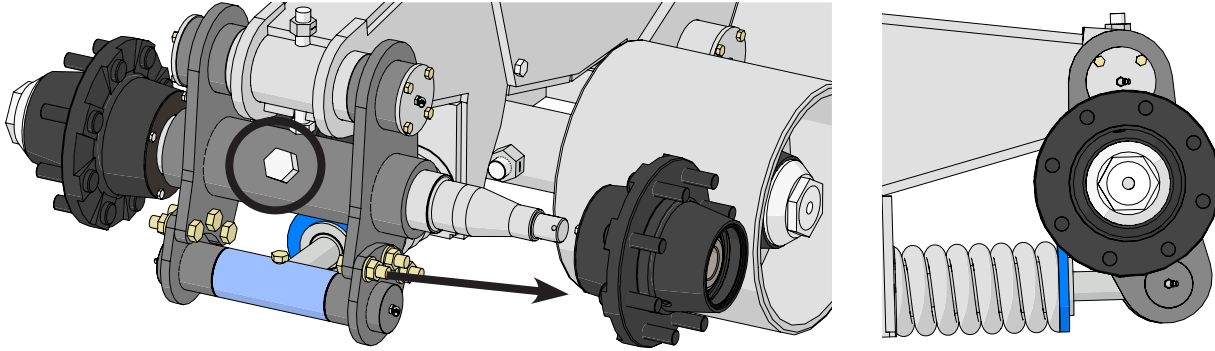


10. Remove the dust cap, spindle pin, the castle nut, and washer.

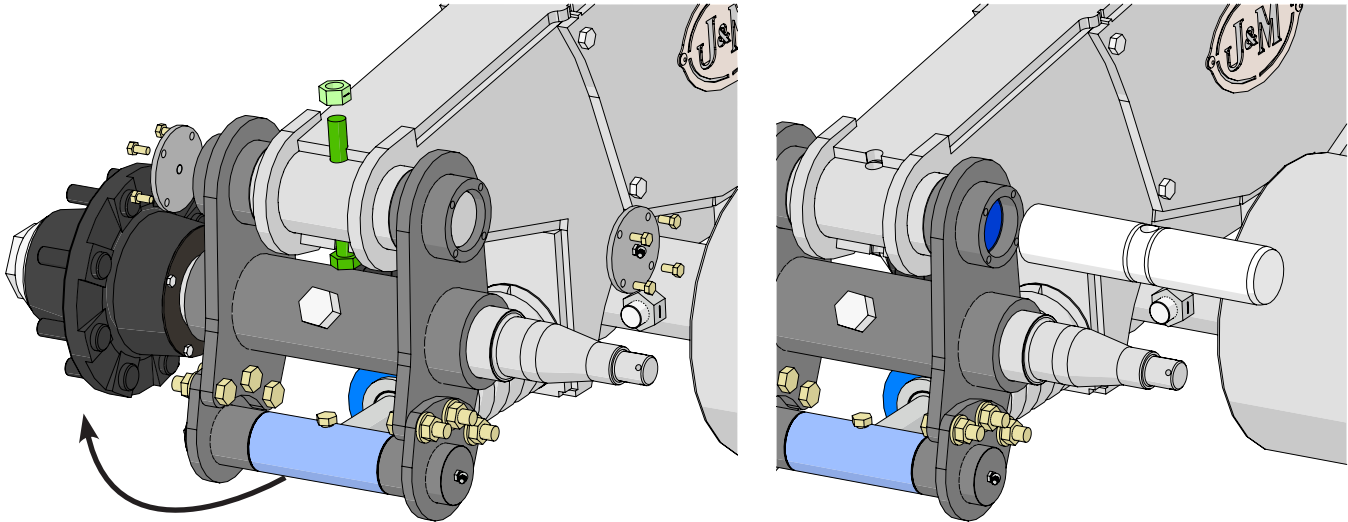


Tensioner Bushing Replacement on V4

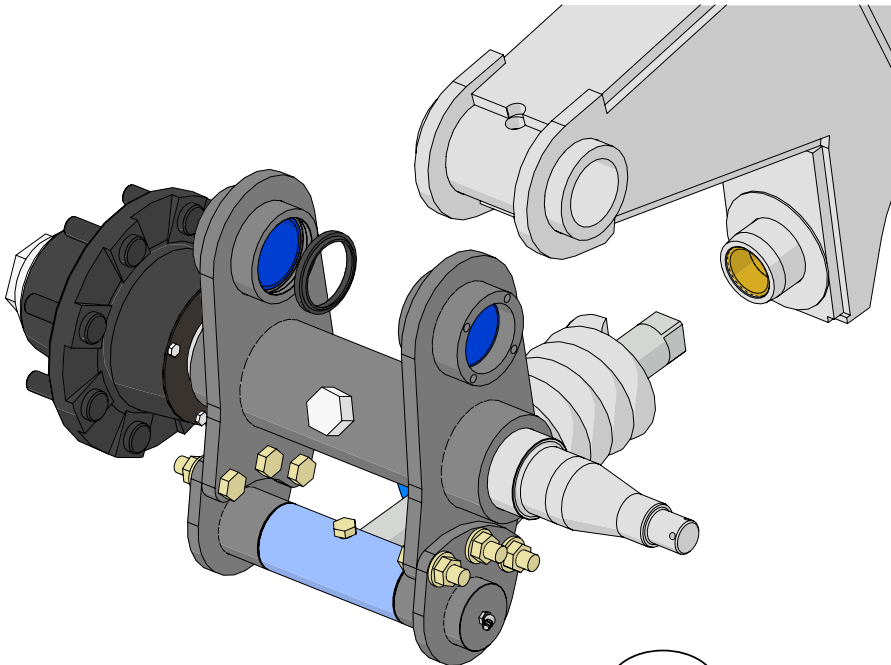
11. Remove the hub itself with some good pulls. In the second picture below you can see the other hub does obstruct some from where the spindle will need to be removed. If you want to remove the other hub we suggest taking the bolt out of the spindle that holds it in and remove the second hub intact with the spindle also.



12. Remove the 5/16"-18 x 5/8" bolts and the two end plates and the 3/4" nut shown in green. Pull up on the bottom of the tensioner as shown to let the green bolt drop through. You can then remove the pin that holds the tensioner to the track itself.

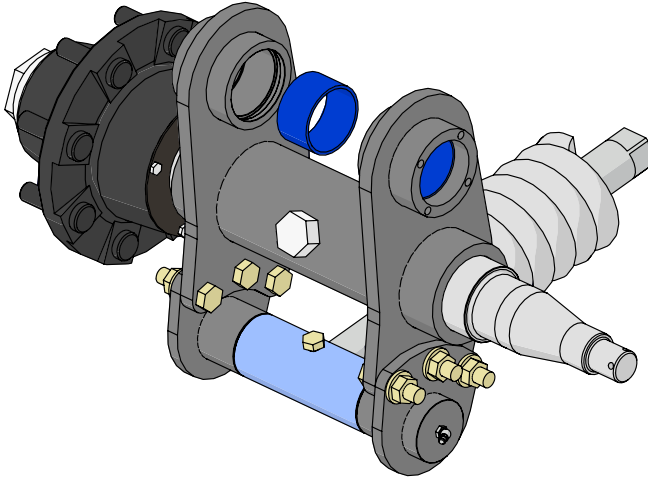


13. Pull the tensioner aside and pull out the seals pictured below.

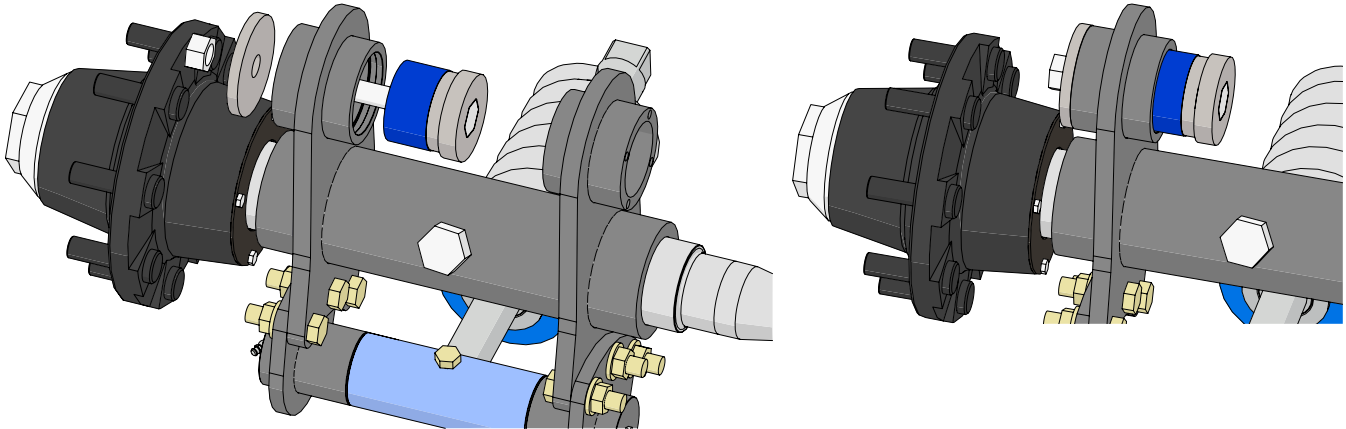


Tensioner Bushing Replacement on V4

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



15. 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 13.



16. **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.
17. 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 V4