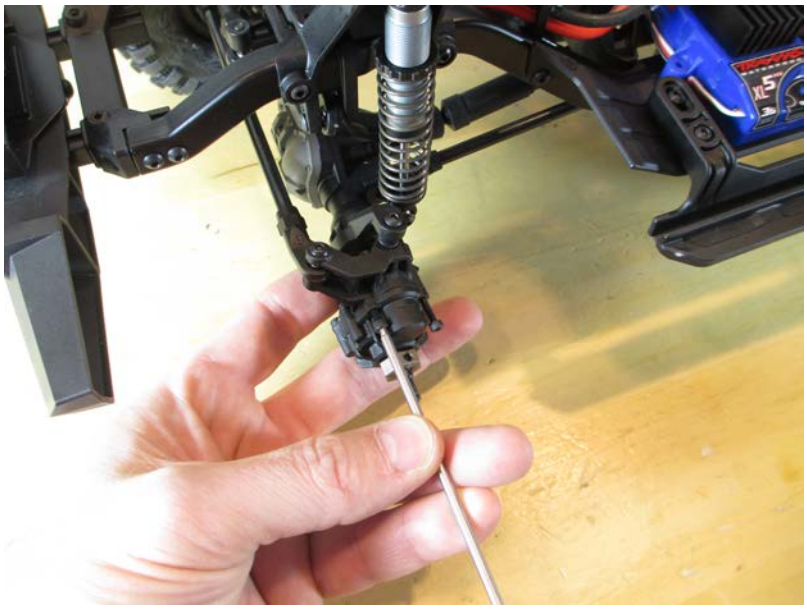
This guide will help you install our TRX-4 Black Steel Portal Covers.

Suggested tools & materials:

-1.5mm hex driver
-2.0mm hex driver
-7mm socket driver
-5.5mm socket driver (optional)

1. Remove the wheel and tire from the corner you are starting with.

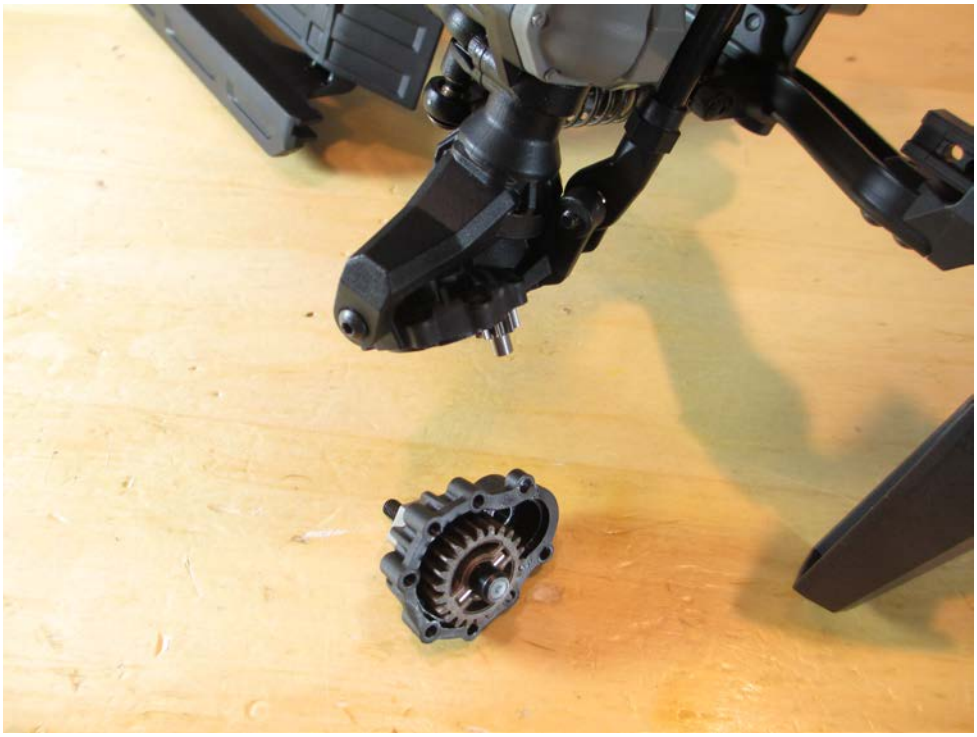
2. Use your 2.0mm hex driver to remove the 2 screws that hold on the portal cover form the outside.



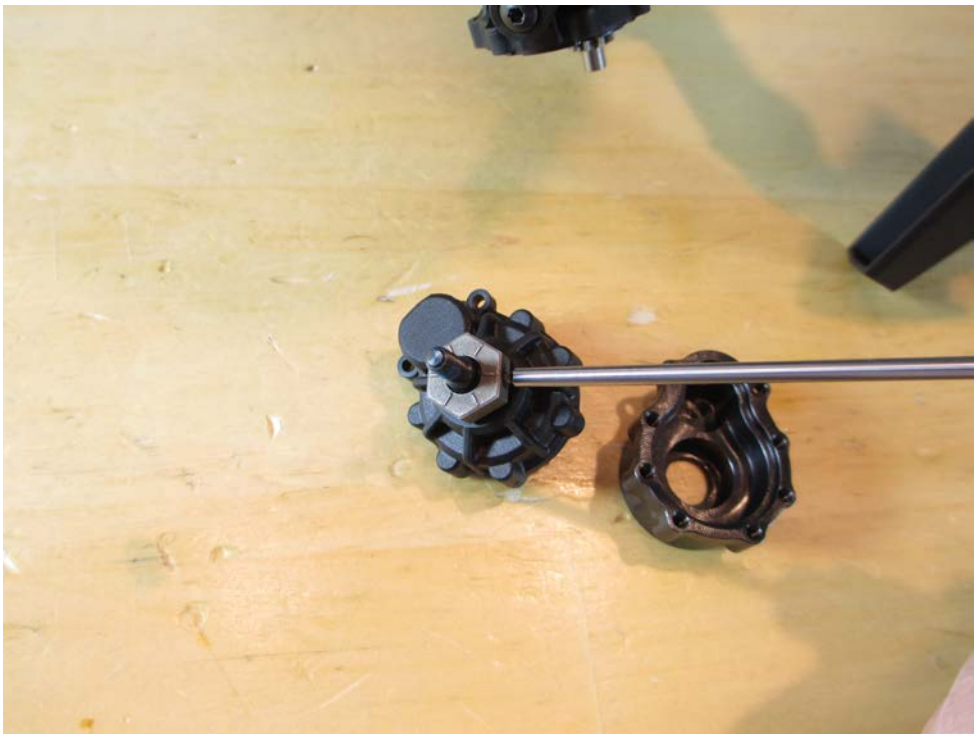
Set these 2 screws aside but keep them as they will be reused.

3. Flip the truck over and remove the 6 screws that hold the portal cover on from the inside. These can be accessed by turning the steering full lock to either side. These 6 screws will not be reused.

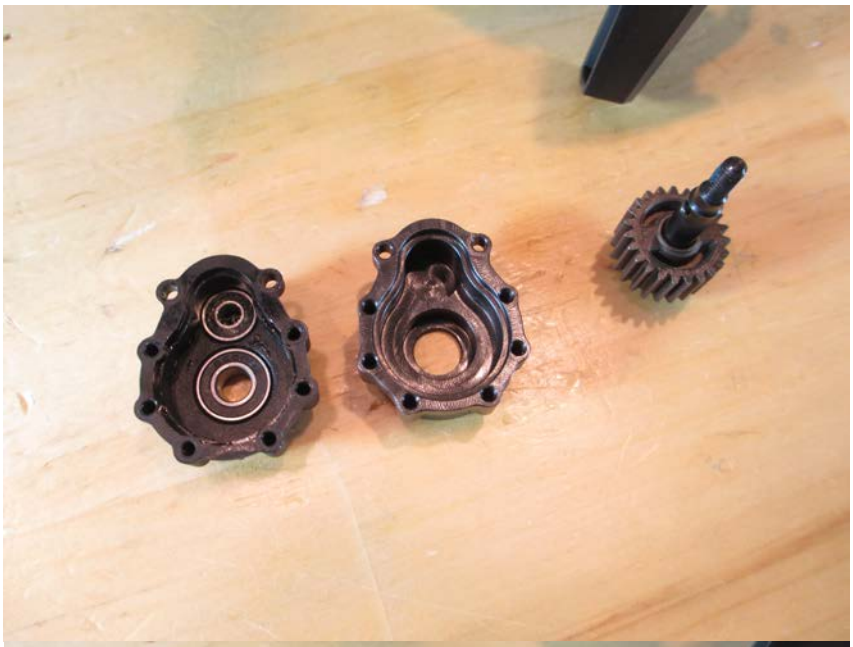
5. As you remove the last of the 6 screws, the stock portal cover, shaft and gears will become loose.

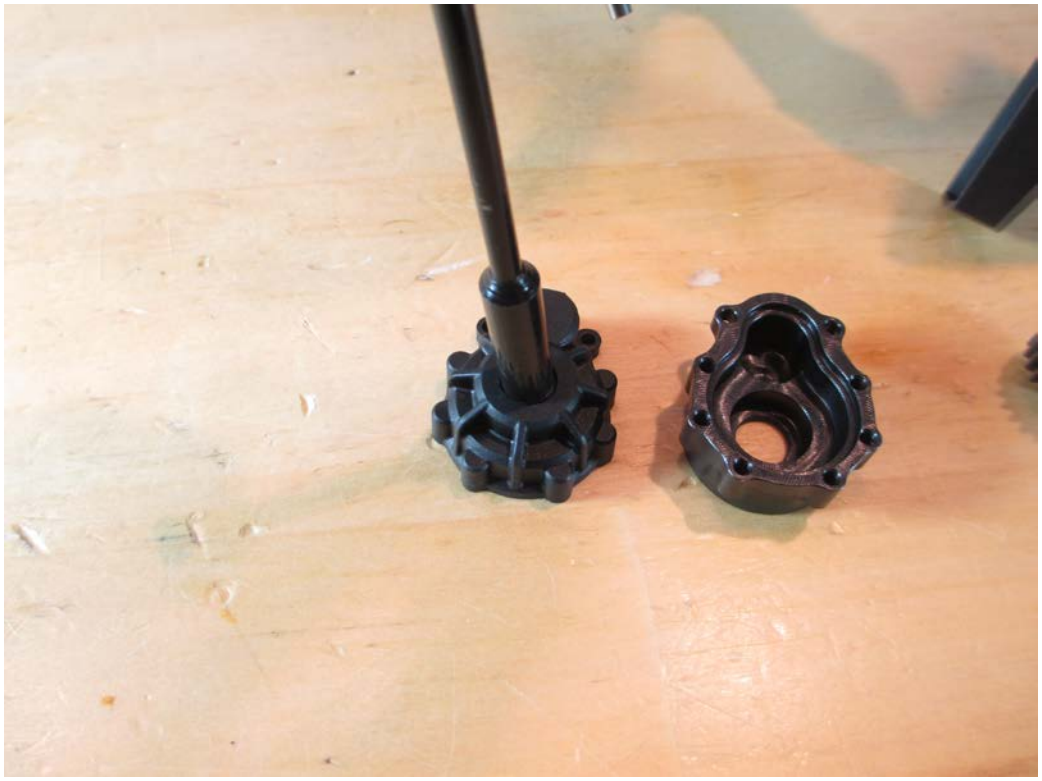


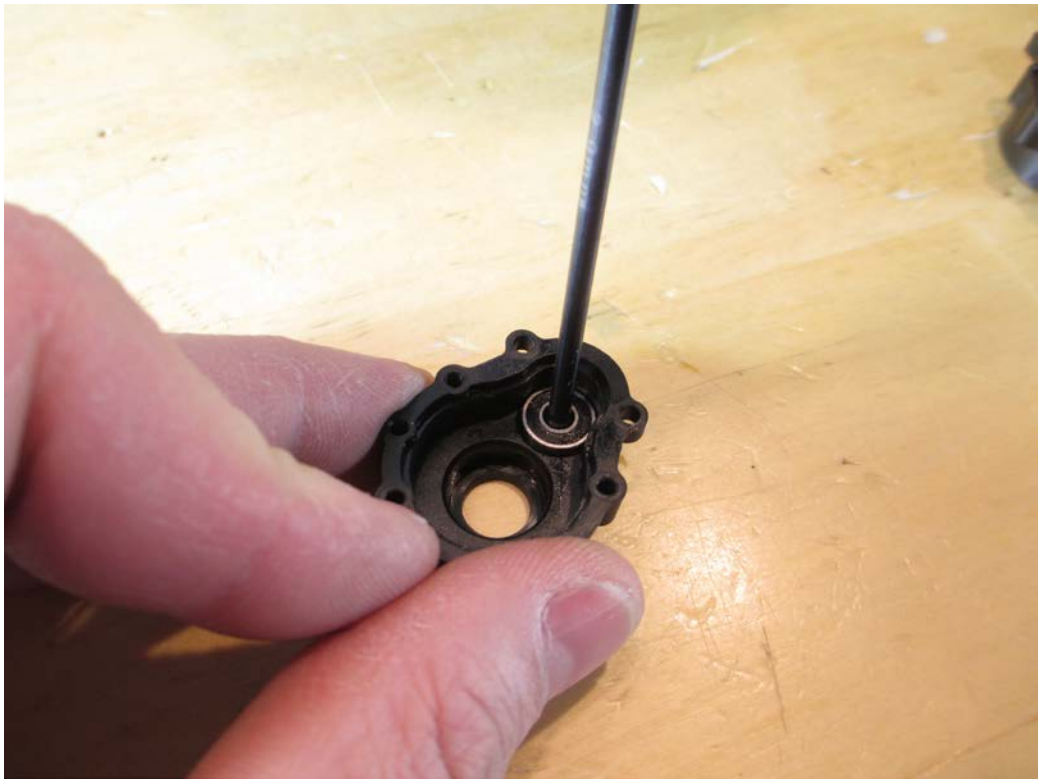
6. Now you can remove you wheel hex with your 1.5mm hex driver.



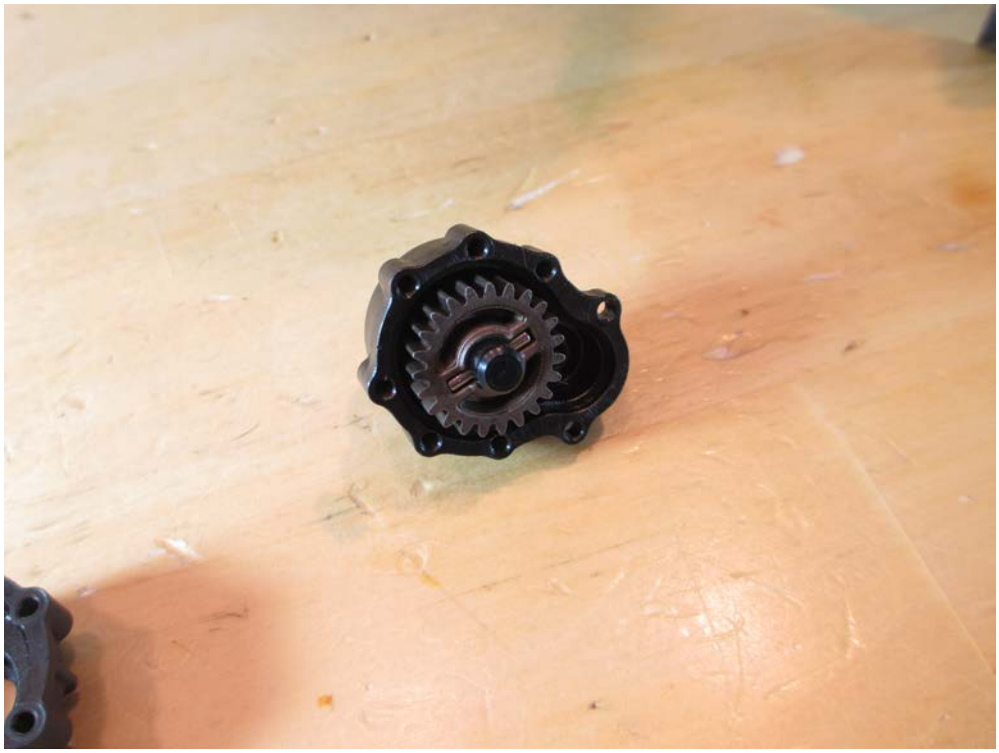
7. You will need to swap the axle gear & bearings from the old cover to the new cover. We found a 5.5mm hex socket is perfect for tapping out the lower bearing. For the upper bearing it can be a bit trickier. We found our 2mm scale socket driver was a good size to help get the bearing out by inserting it, then angling it, then pulling it out over and over. If you have a 4mm shaft it would be a perfect tool for this.





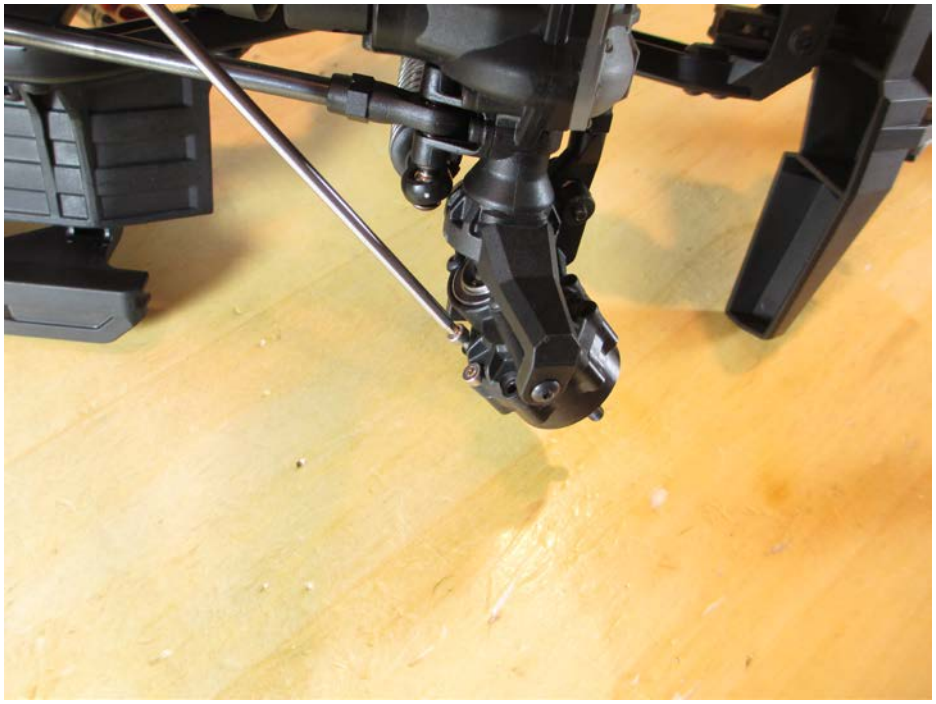


8. Now you can reinstall the axle shaft and gears.

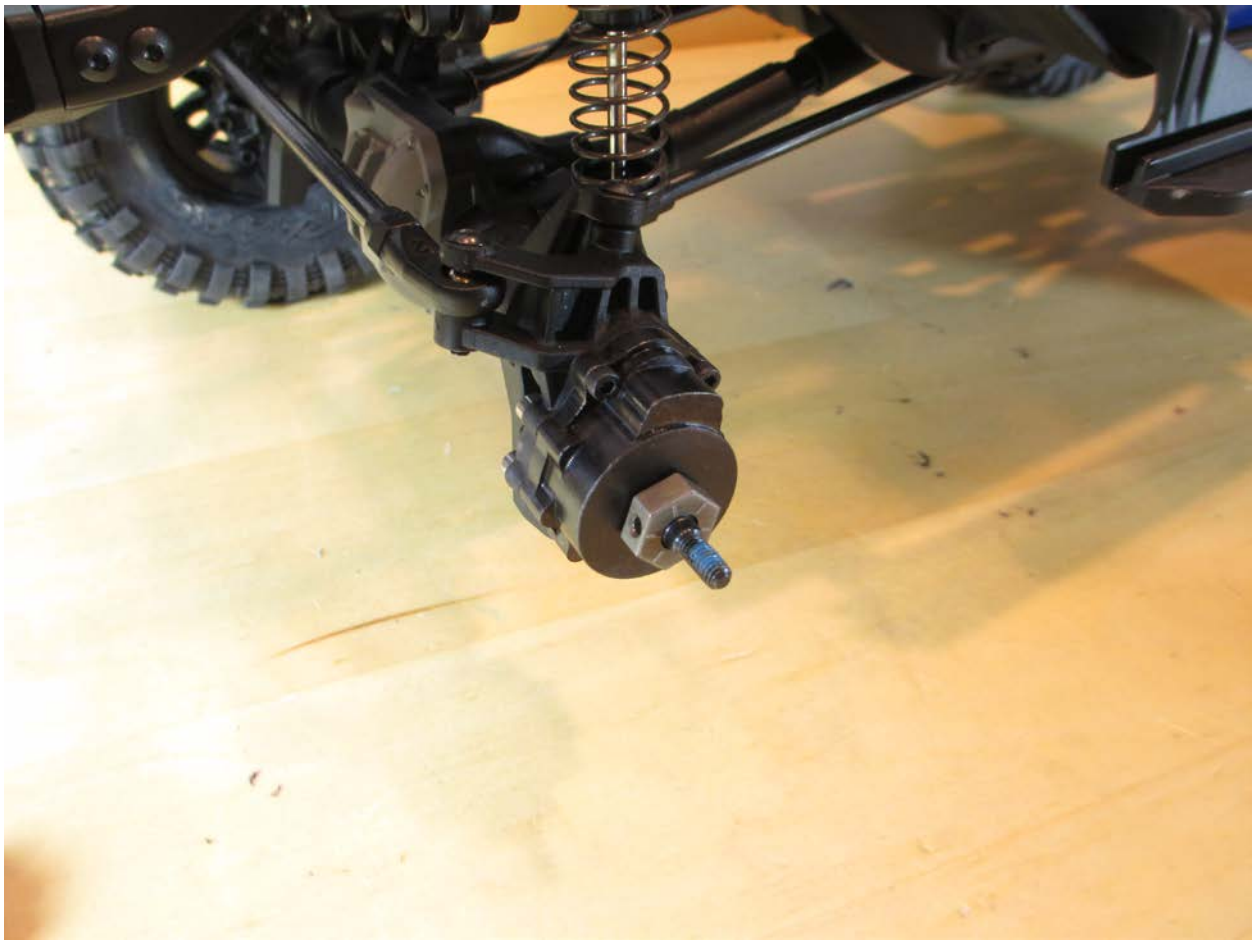


9. Reinstall your wheel hex to help hold the gear in place.

10. Insert the new outer back into your axle and install the new M2.5x8 screws .



11. Finish the installation by installing the 2 original M2.5x10 screws in the outside of the portal cover.



Troubleshooting

Issue: I cannot get the bearings out of my old portal cover.
Solution: Getting the upper bearing out can be a chore but if you continue to work at it, it will come out. You can try dental picks or a 4mm axle shaft as well. Worst case scenario… we sell new bearings for under $1.

Issue: I can't get my original M2.5x10 screws back into the portal knuckle.
Solution: Please use the hardware we provided for the inside screws. The steel portal covers are not tapped as deeply as the stock plastic covers, which is why we provide you with the 12 new screws (6 per cover).

Issue: The covers do not fit my knuckles
Solution: These covers have been tested to fit the stock knuckles as well as Locked Up RC TRX-4 knuckles. If you have some other aftermarket knuckles they may need to be modified to work together.

Issue: I can't fit the bearings in my new covers.
Solution: If the bearing seat is too tight, please check for any burrs in the cover. If you do nto see any, please contact us. We do check each and every cover for bearing tolerances but we are human, imperfect and something could get past our watchful eyes.