OTR 19 Spline Rear Full Floater Kit

Installation Guide

Rear full floater kit for the Mahindra Roxor

Includes:

Dutchman 19 Spline Chromoly Axle Shafts

Wheel Hubs

Spindles

Timken Bearing and Seal Kit

Spindle Nut Kits

Wheel Studs

10 Spline Selectable Hubs

Gaskets

Grade 8 Hardware.

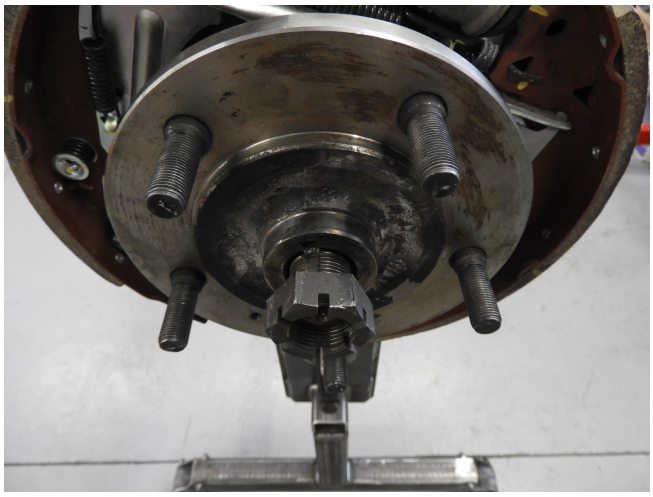


Begin by safely lifting the Roxor up in the air with either a lift or safely set on jackstands.

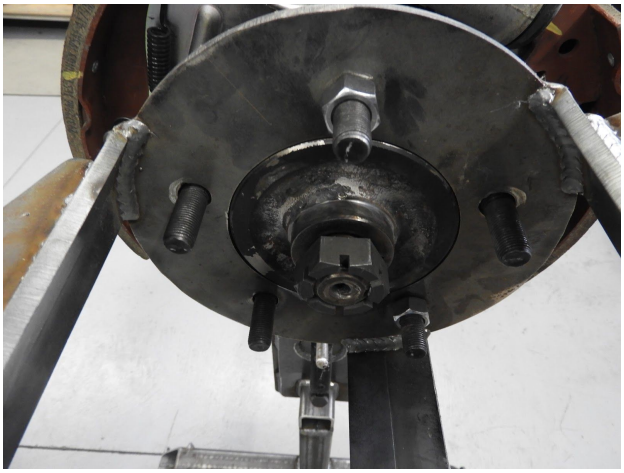
Remove rear tires, outer cap and remove brake drum.



Remove axle flange nut. 1-7/16”

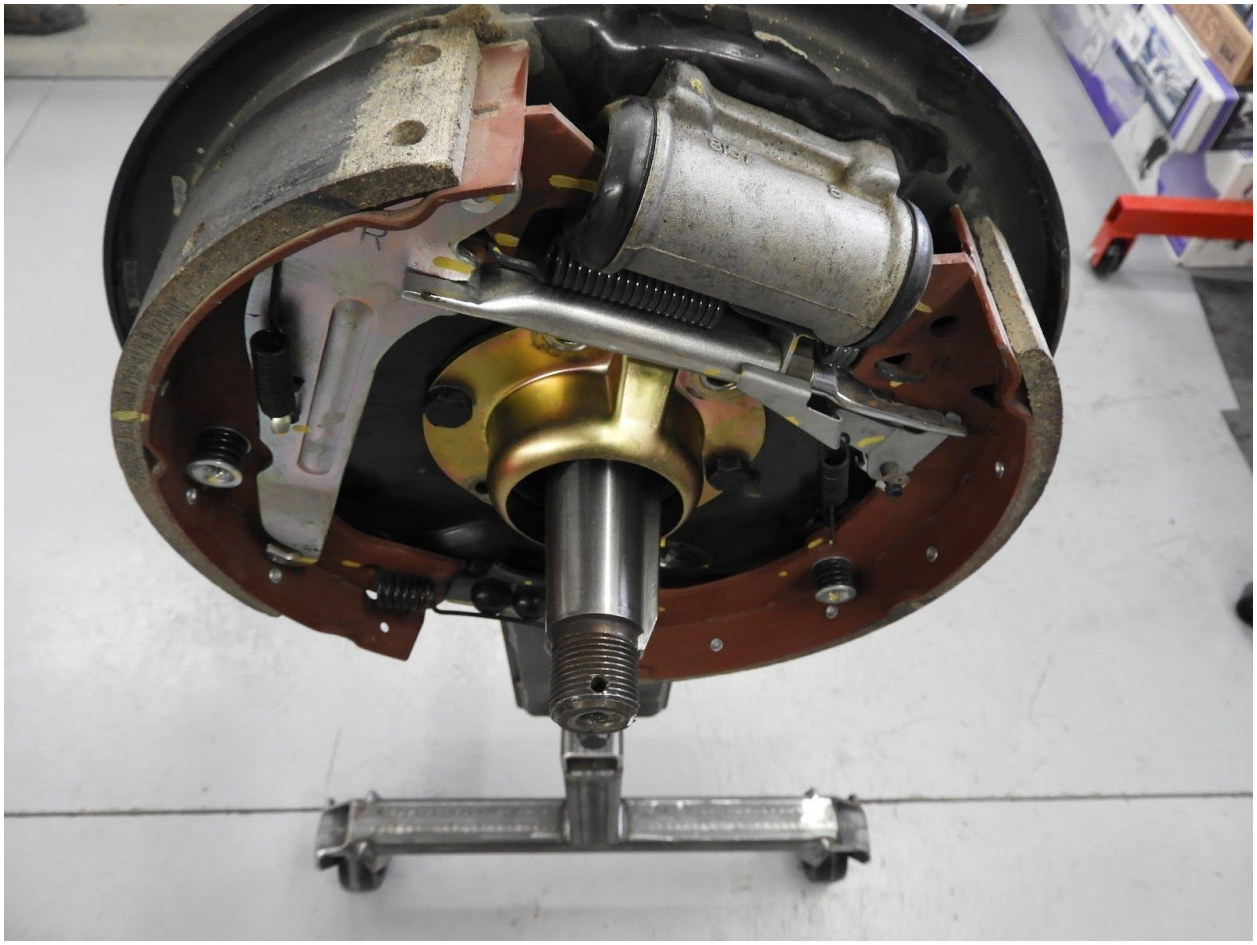


Pull axle flange with axle flange puller. We do have custom (specifically) built for the Roxor axle flange pullers you can order on the website.

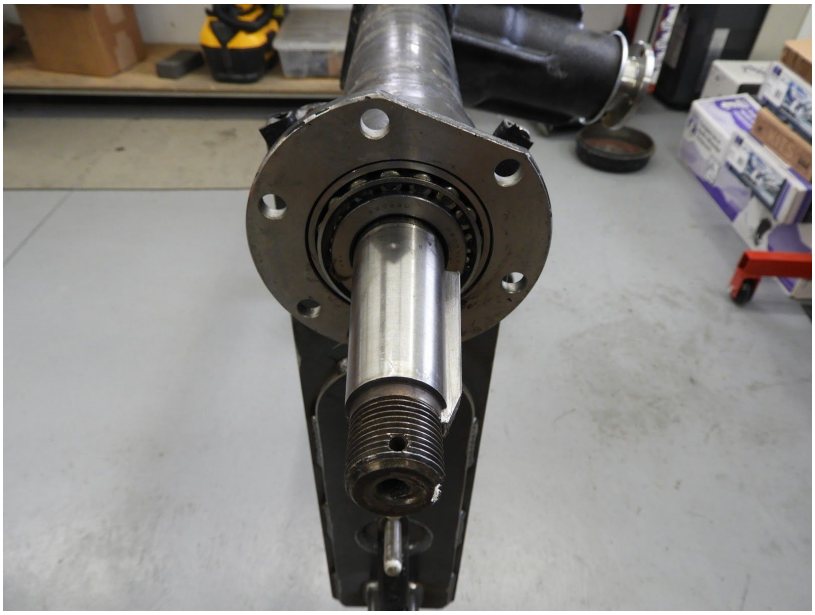




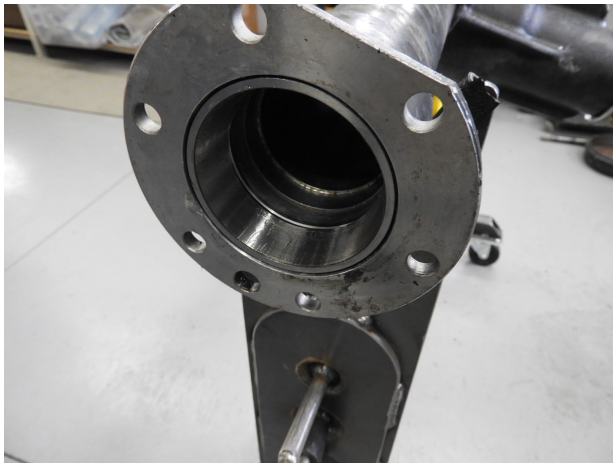
Remove brake backing plate assembly and all shims etc… down to the axle housing flange.

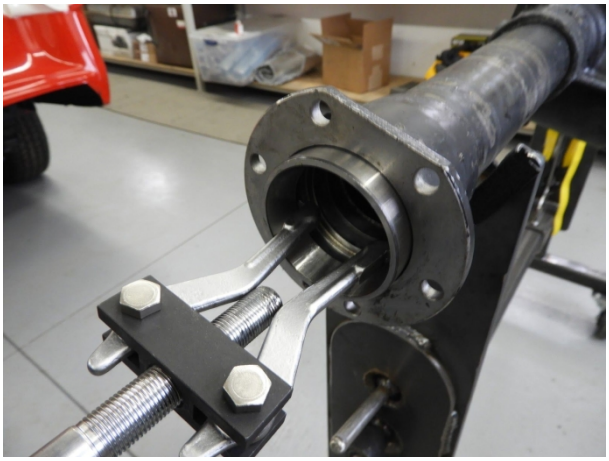


Remove Axle Shaft.



Remove bearing race.





Leave Factory Axle seal in the tube. (We do have replacement seals available if needed)

Install new axle shaft into axle tube while being careful not to harm the factory seal.

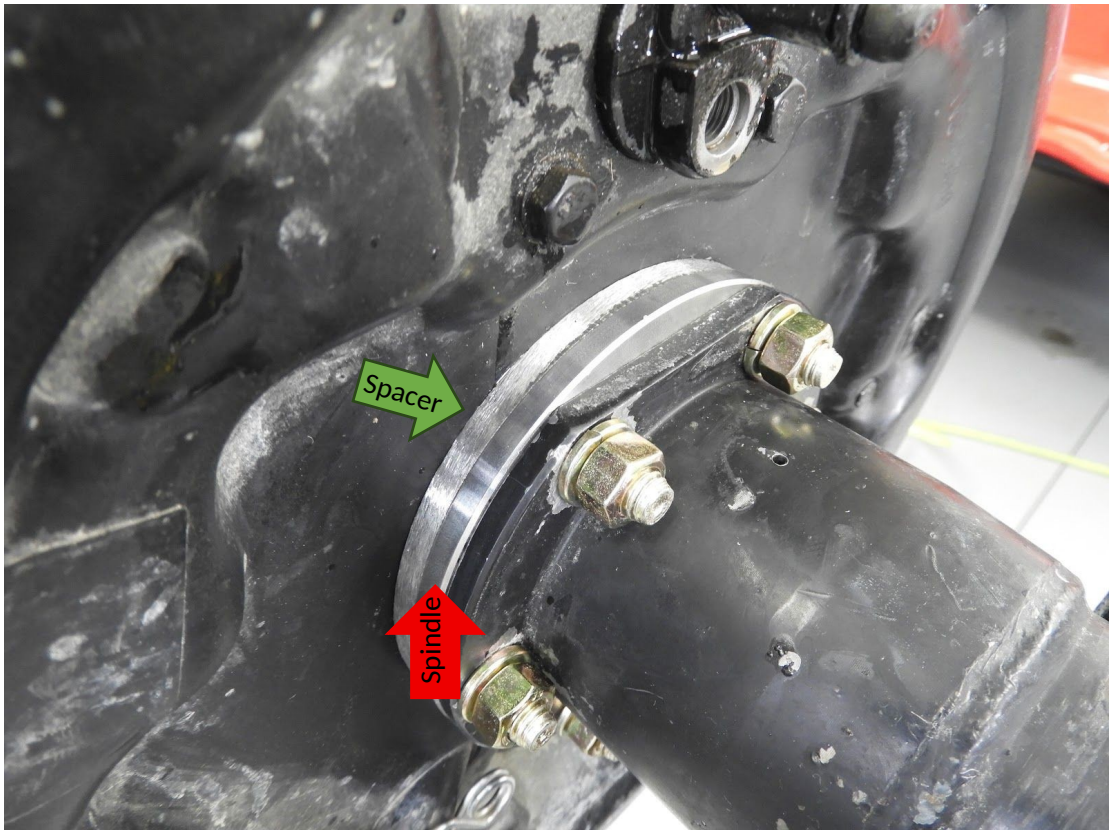


Take new full floater spindle, apply thin coat of RTV between spindle and axle flange mating surface.



Install included ¼” spacer between Spindle and factory backing plate along with hardware.

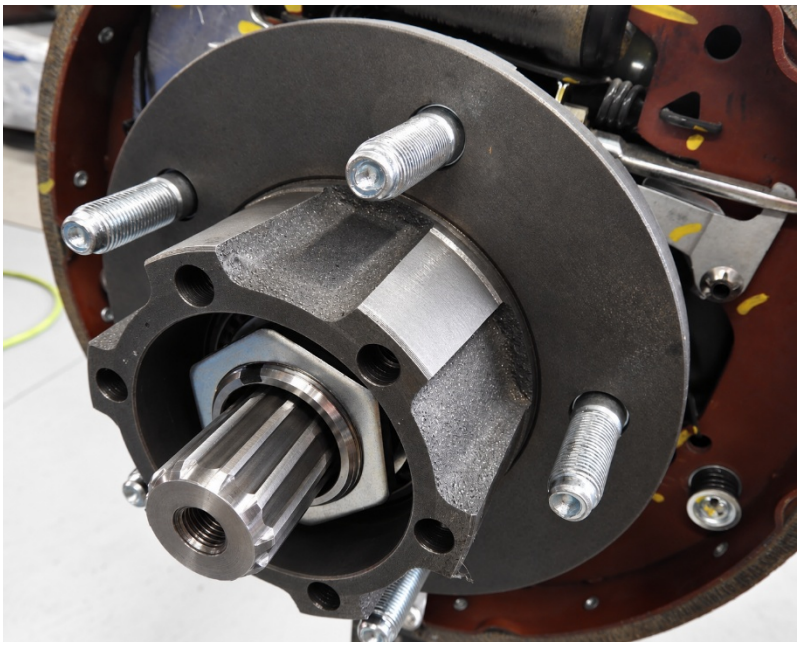




Identify inner and outer wheel bearing. Inner bearing part number is 102949. Outer bearing part number is 501349.

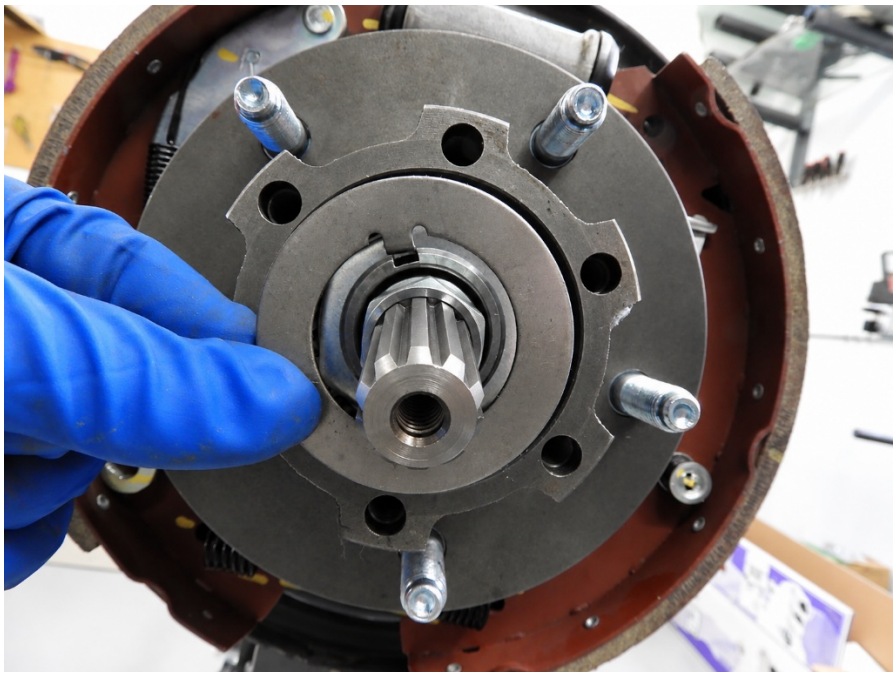
Pack inner bearing with grease.

Install bearing into race followed by seal.

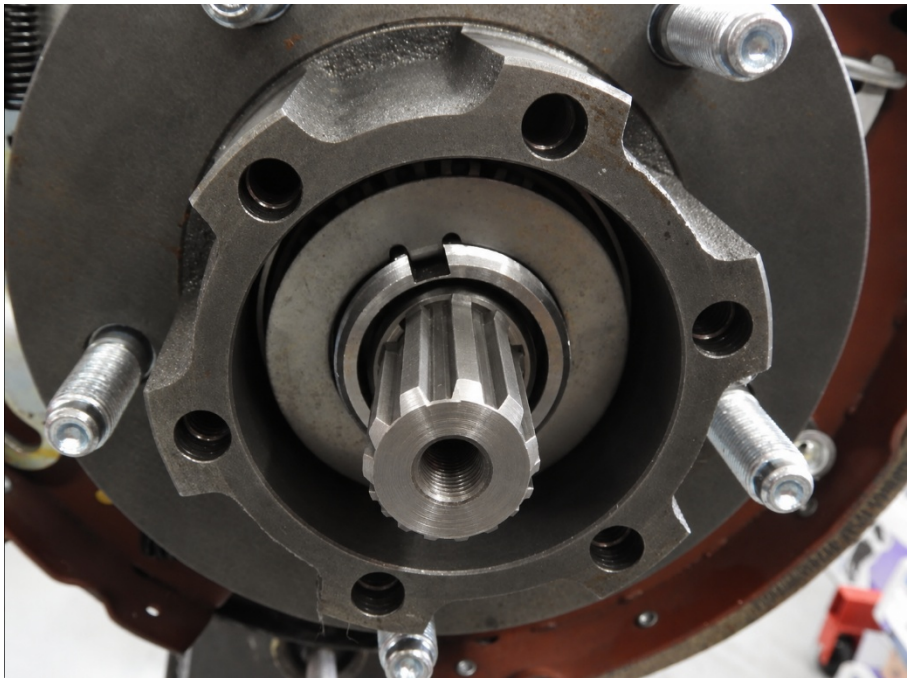


Install outer bearing

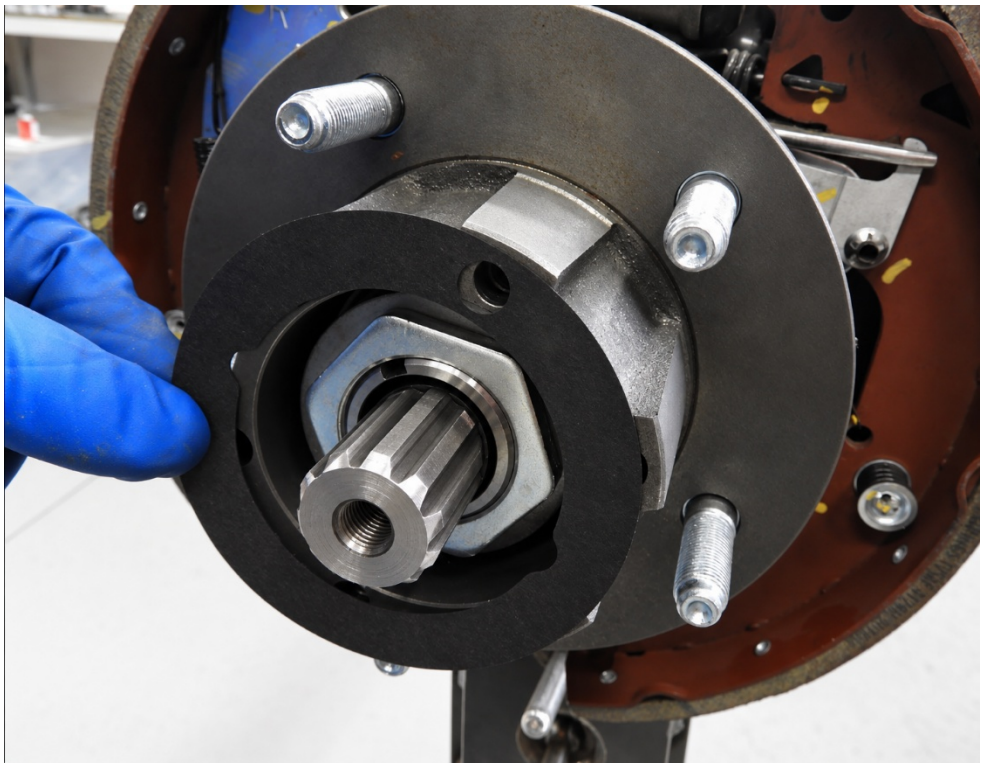
Install bearing nut (2” is a tight fit, or 52mm socket DEEP WELL 80mm) followed by locking washer.



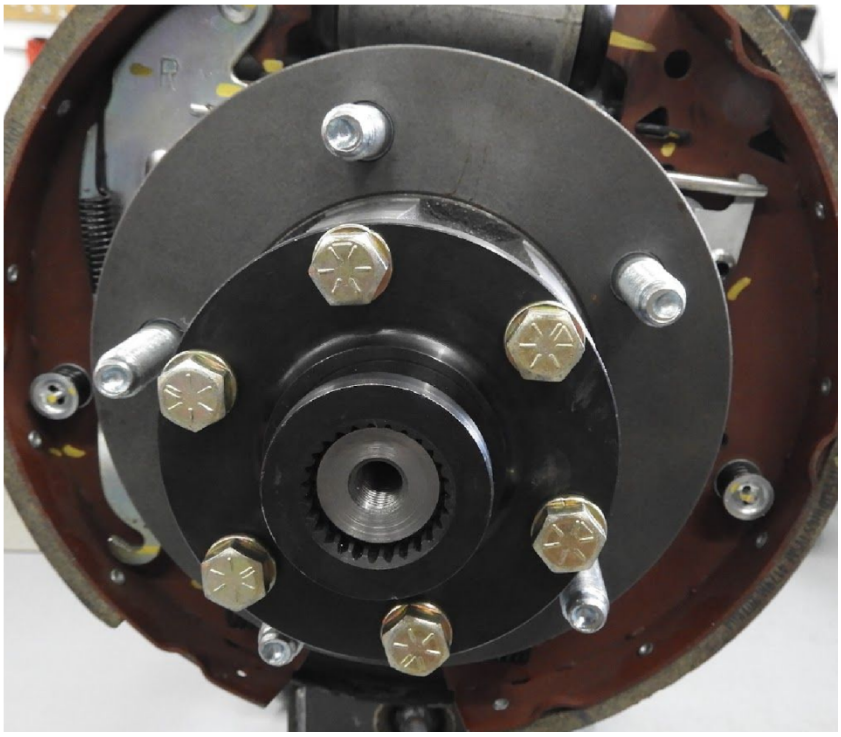
Install Jam nut.



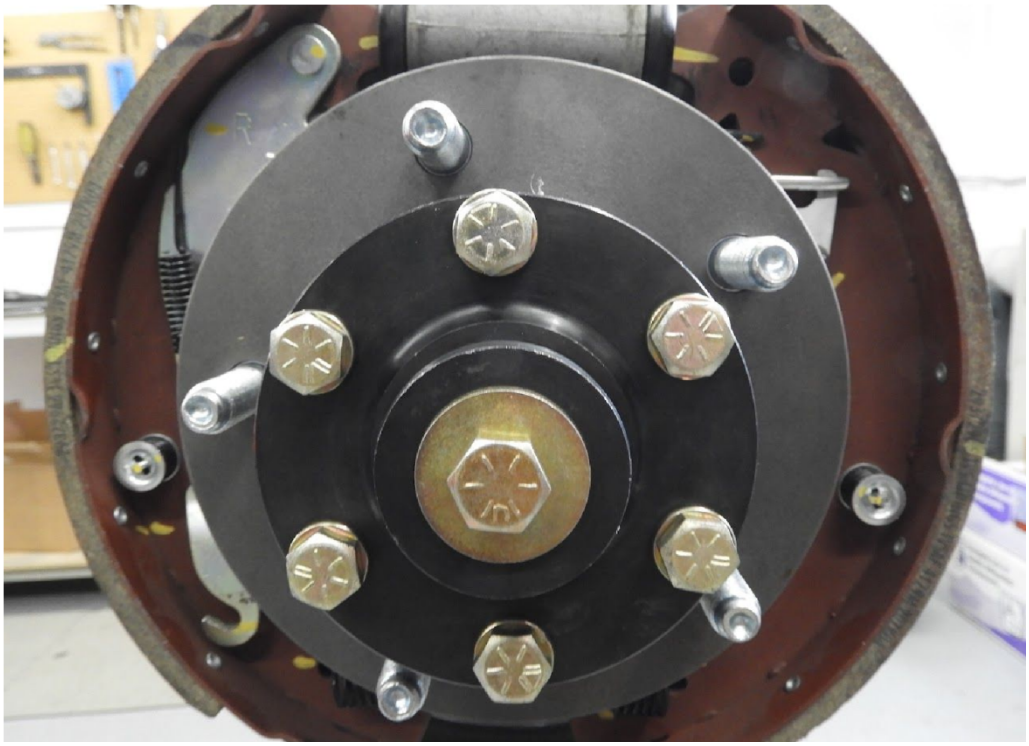
Install drive flange gasket.



Install drive flange or selectable hubs with supplied bolts and lock washers.



If you are using drive flanges drop of threadlocker on axle retaining bolt. Torque to 50 ft lbs.



If using drive flanges install cap and brake drum.



Note* 10 Spline Lockout Hubs can be purchased and installed in place of the Drive Flanges. Follow MFG. Installation instructions.

We recommend keeping the drive flanges on board in the Roxor when out wheeling if you have installed the lockout hubs. In case a lockout hub breaks, you will be able to install the drive flange to get off of the trail.

