



ASSEMBLY/INSTALL INSTRUCTIONS

RZR Turbo S Rear Bearing Carrier/Spindle (Set)

P-117S

Your set should come with the following:

- (1) P-117S-L (Left/Driver Side Spindle)
- (1) P-117S-R (Right/Passenger Side Spindle)
- (2) Wheel bearing (Installed)
- (2) 4140 Chromoly Black Oxide Bolt-On Cap

Tools/Hardware Needed:

- Jack/jack stands
- Ratchet/ impact
- 15mm socket
- 15mm wrench
- 18mm socket
- 18mm wrench
- 27mm socket
- Pliers
- Zip ties
- Loctite
- Factory Red Grease (recommended)
- Hammer/Rubber Mallet
- Flathead screwdriver
- Breaker bar (optional)
- Cotter pin (optional)

Install Instructions:

Uninstalling current Bearing Carrier/Spindle:

1. Make sure you are on flat, level ground before working on your car. Loosen the lug nuts on both rear wheels and jack up car off the ground. Place the car on jack stands and make sure the car is secured on them. *The vehicle's owner's manual will provide you with proper places to lift and support your car if you are unsure.*
2. Take both rear wheels off and place to the side.
3. If your hub has a dust cap, remove with a small flathead screwdriver. Remove the cotter pin with your pliers and then the castle nut and washer using your 27mm

- socket and breaker bar. Make sure your brakes are engaged while loosening the castle nut. Set castle nut and washer aside.
4. Using your 18mm tools, loosen the hardware holding the lower radius rod. Let radius rod hang and set hardware to the side.
 5. Then, using your 18mm tools again, loosen the hardware holding the upper radius rod. Let radius rod hang and set hardware to the side.
 6. Remove (2) 15mm bolts on the caliper bracket using the 15mm tools. Make sure you hang the caliper and bracket to the side securely and safely to ensure the brake line isn't pulled on. *We found that zip-tying the caliper to the springs helps keep it out of the way and safe.*
 7. Remove hub and rotor and set aside.
 8. Remove the axle from the center of the wheel bearing and hang out of the way.
 9. Using you 15mm tools, remove the current bearing carrier from the trailing arm.

Installing new spindles:

10. Grab the new spindle installed with wheel bearing, bolt-on cap and hardware. Make sure the L is on the left/driver side and R is on the right/passenger side.
11. Assemble the new Tatum UTV bearing carrier onto the trailing arm using your 15mm tools and 15mm hardware from earlier.
12. Place the axle back through the center of the wheel bearing.
13. Regrease axle splines with factory recommended grease.
14. Place hub and rotor back onto the axle. *Greasing the outside of the shaft could make it easier to install.*
15. Grab your caliper and install back onto the car. Make sure to use Loctite on your original 15mm hardware using your 15mm tools to tighten.
16. Starting with the upper radius rod, install the rod onto the new bearing carrier with the 18mm tools and hardware from earlier.
17. Next, install the lower radius onto the bearing carrier with the 18mm tools and hardware.
18. Now that everything is back on the car, you can engage the brakes and tighten your castle nut with your 27mm socket and breaker bar or impact.
19. Install the original cotter pin using your plyers or your new cotter pin (optional).
20. Install wheels back on car.
21. Remove jack and jack stands from car.
22. Torque wheels to spec.

Congratulations! You have successfully completed your Tatum UTV upgrade! We cannot wait to see your build on Instagram & Facebook. Follow and tag us @TatumUTV.

If you have any questions or concerns with your order, please email sales@tatumutv.com.