

INSTALLATION INSTRUCTIONS

GEN2 CARRIER BEARING RZR 1000/1000S/900S - 2/4 SEAT



TOOLS REQUIRED

- Paint Marker
- Ratchet Wrenches
- 8" Socket Extension
- Button Removal Tool
- 8, 10, 13, 14, 15, 17mm sockets
- Socket Swivel
- T-40 Torx
- 13mm and 17mm Wrenches
- Hammer and Punch
- Torque Wrench
- 4" Socket Extension
- Bearing Puller Tool



DISASSEMBLY & REMOVAL

1. Disconnect battery using 13mm wrench/socket.
2. Remove center console using the T-40 and button removal tool.
3. Remove rear seat brackets using 14mm and 15mm sockets.
4. Remove clutch cover and clutch vent tube using 8mm and 10mm sockets. This is ideal for creating clearance when removing prop shaft.
5. Remove skid plates using 10mm socket.
6. Remove roll pin with 1/4" punch and hammer from front prop shaft to front differential.
7. Unbolt the old carrier bearing using a 15mm socket. Be sure to note the orientation of the drive shafts as these will need to be the same on reassembly. Mark the front and rear prop and differentials with a paint marker prior to removal to ensure proper alignment during reassembly. **THIS IS VERY IMPORTANT. IF NOT ALIGNED/PHASED YOU WILL STILL HAVE VIBRATION.**
8. Slide front shaft assembly toward the rear of the car till it comes off the front differential.
9. Hold onto the rear prop shaft and slide front prop shaft forward until it separates. Move front prop shaft to the side until reassembly.
10. Slide the rear prop shaft toward the rear of car until it clears the frame gusset, angling it toward the gap between driver tire and clutch. Remove old bearing from shaft using a bearing puller tool (not supplied).

11. INSTALLATION & REASSEMBLY

12. Use green Loctite 603 on the inner surface of the bearing and shoulder of driveline prior to install of new carrier.

13. Using a press, install the new carrier bearing assembly until it is fully seated onto the shaft collar.
14. Reinstall the shaft and new carrier bearing assembly the same way you took it off (bearing on driver side with snap ring facing the rear). If the clearance is tight, you may need to loosen the fuel tank from above to push up for more clearance.
15. Reinstall front prop shaft to the differential, connecting the two and leave out roll pin for now. Align splines to marks made earlier and mate them together.
16. Completely unbolt front differential (four bolts) using 17mm socket to allow forward movement.
17. Go to back of prop shaft and align rear prop shaft to transmission.
18. Bolt new carrier bearing in using 6mm Torx head socket or allen to start both bolts (use blue Loctite). Then use an allen socket with 8" extension from the top and torque to 35 in-lbs. (Due to varied tolerances in the RZR, some radiator lines sit lower and may touch our carrier end. If this happens, place a small piece of rubber between the housing and lines.)
19. Bolt the front differential back down (four bolts).
20. Reinstall clutch cover with 8mm socket and torque to 50 in-lb.
21. Reinstall all plastic parts that were removed.
22. Reinstall skid plates with 10mm and torque to 8 ft-lb.
23. Reinstall rear seat brackets and torque to 30 ft-lb.
24. Reconnect battery.
25. Reinstall seats.
26. Double check all bolts and hardware to make sure they're fastened and torqued correctly.