



RCV PROPSHAFT POLARIS RZR XP 1000/XP TURBO 2 SEATER & 4 SEATER INSTALL INSTRUCTIONS

Tools Needed:

- ¼" 12 Point, 8MM, 10MM & 15MM Sockets
- 6MM Allen Wrench
- Roll Pin Punch
- Ball Peen Hammer
- Ratchets
- Pry Bars (Optional)

Removing Polaris Prop Shaft:

Step 1

Remove seats and center console. To remove the center console: remove the 5 push-pins and the two torx bolts, and shift machine into neutral. Make sure vehicle is secured before shifting. Push shifter boot through the console to remove the console from the machine.

Step 2

Remove the roll pin from the front differential; this is easily accessible through the passenger-front wheel well. Use a punch and hammer to remove.

Step 3

Remove the two (2) carrier bearing bolts using a 15mm socket, extension, and ratchet. This is accessible through the center where the center console was. May have to work around coolant lines.

Step 4

Slide the front shaft towards the rear of the machine and off the front differential, then separate the front shaft from the rear and then remove the carrier bearing housing (rubber and mount) from the rear shaft. This will require minor force.

Step 5

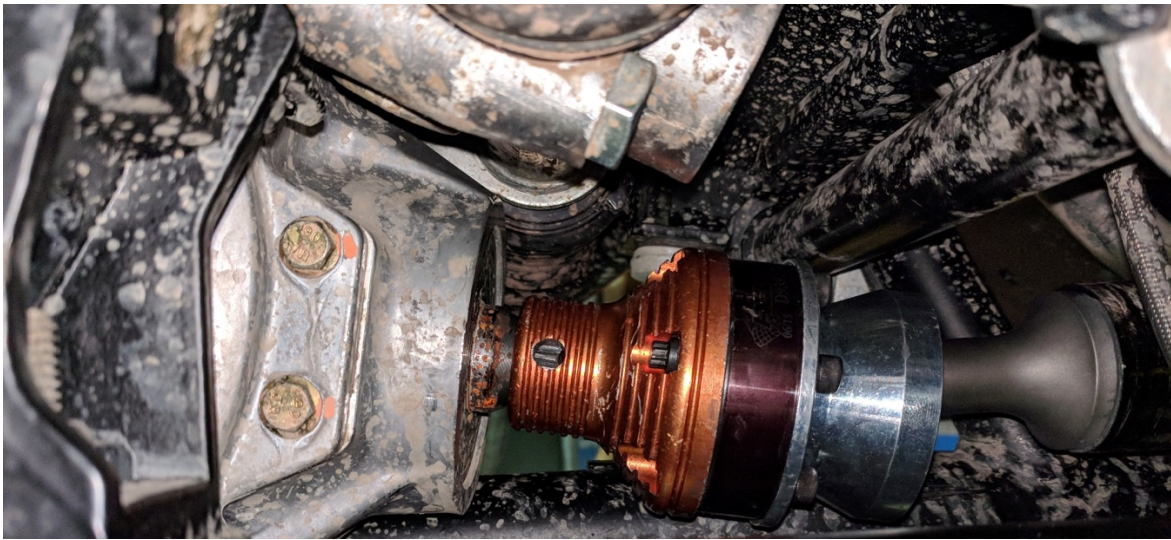
To remove the rear section of the shaft, it will slide out the driver-rear wheel well. Remove belt box for clearance before removing rear prop shaft. If desired for additional clearance, you may put the machine on jack stands and remove the upper driver radius rod with machine at full droop. Then remove rear shaft by sliding it out under the belt box.

Installing RCV Prop Shaft:

Step 1 Slide the front prop shaft through the passenger side of the prop shaft tunnel.



Step 2 Slide the front prop shaft forward until it engages onto the input shaft of the front differential. DO NOT INSTALL ROLL PIN YET



Step 3 Once installed, remove the rear prop shaft slip flange along with the gasket and place them onto the protruding spline of the slip spline tube stub inside the carrier bearing. Install of the center CV and slip may vary between XP Turbo and XP 1000 machines.

2014-2017 Polaris XP1000 RCV Prop Shaft Installation Instructions



Step 4 Remove all screws attaching the CVT transmission cover. Store hardware in a safe location to be used for reinstallation later.

Additional clearance for install may be needed:

Step 4.1 Remove the rear driver side radius arms attached to the wheel hub. Store hardware in a safe location to be used for reinstallation later.

Step 4.2 Remove the rear driver side spindle nut along with axle shaft. Store hardware in a safe location to be used for reinstallation later.

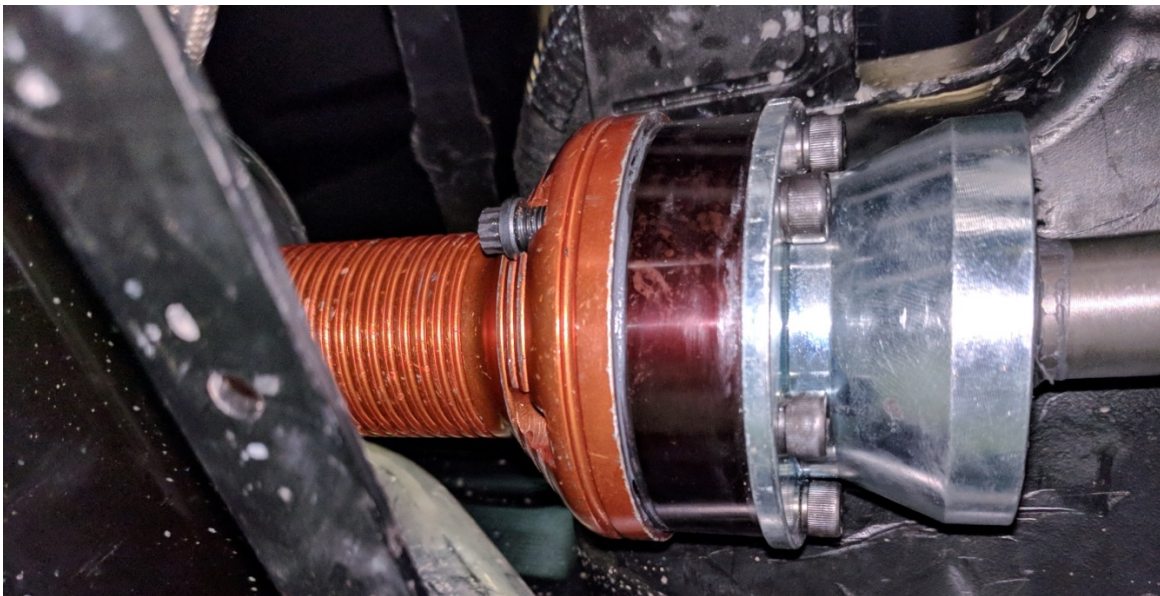
Step 5 Slide the rear prop shaft rear flange onto the differential output shaft. Then install the gasket. On XP Turbo models, install lock washer and nut. Torque to factory specifications found in your owner's manual. On RZR XP 1000 models simply slide the rear prop shaft flange onto the rear output shaft.

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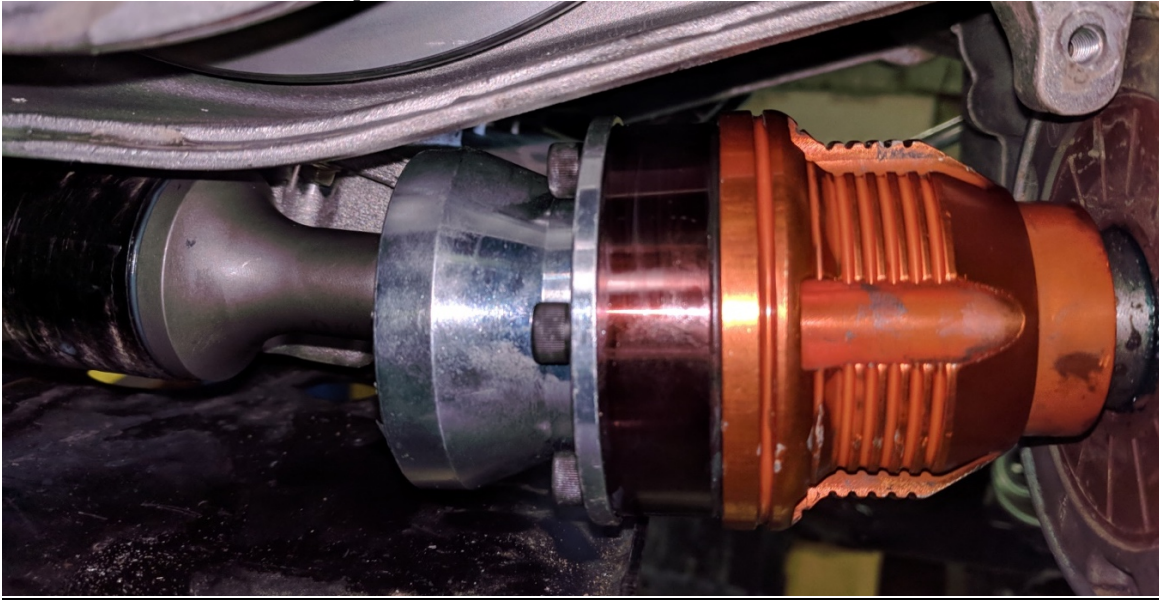
Step 6 Install the rear prop shaft from the rear on the driver side of the vehicle. This will be done in-between the belt box and the chassis.

Step 7 Mate the rear prop shaft with the flange connected to the carrier bearing then bolt together. Torque supplied bolts to 16 ft-lbs.



Step 8 Mate the rear prop shaft with the flange connected to the rear output shaft then bolt together. Torque supplied bolts to 16 ft-lbs.

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Step 9 Insert the roll pin attaching the front prop shaft front flange to the front differential.

Step 10 Align carrier bearing so that it is pointing straight towards the front of the vehicle. Bolt carrier bearing to chassis. Torque to factory torques specs found in your owner's manual. Be sure to secure any loose lines away from the new installed prop shaft.

Step 11 Reinstall CVT Transmission cover.

Step 11.1 If removed, reinstall rear drivers side axle shaft and torque axle nut to factory specs found in your owner's manual. Reinstall rear driver side radius rods.

Step 12 Reinstall center console by reinstalling the 5 push-pins and the two torx bolts. Reinstall boot and seats.

THANK YOU FOR CHOOSING RCV PERFORMANCE!

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