



## **RCV PROPSHAFT POLARIS RZR XP 1000/XP TURBO/Turbo S 2 SEAT INSTALL INSTRUCTIONS**

### **Tools Needed:**

- ¼" 12 Point, 8MM, 10MM & 15MM Sockets (18MM on 2018+)
- 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

2014+ Polaris XP1000 & XP Turbo RCV Prop Shaft Installation Instructions  
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 in XP 1000 or XP Turbo 2 seat:

**Step 1** Slide the front prop shaft through the passenger side of the prop shaft tunnel. You may have to remove carrier bearing housing for more room. This rubber housing can easily pry off, leaving the actual bearing on the shaft is ideal.



**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 in place, you may begin to install the carrier bearing housing back onto the shaft and mock in place.

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*Additional clearance for install may be needed:*

**Step 4** Remove the rear driver side radius arms attached to the wheel hub. Remove the driver side motor mount bolt (15mm) and pry the left side of the mount up until it can rest on top of the mount location (about 1-2). You may use the bolt to hold the motor mount bar up.

**Step 5** Slide the rear prop shaft rear flange onto the transmission output shaft. Then install the gasket.

On XP Turbo models, install lock washer and nut onto output shaft. 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.



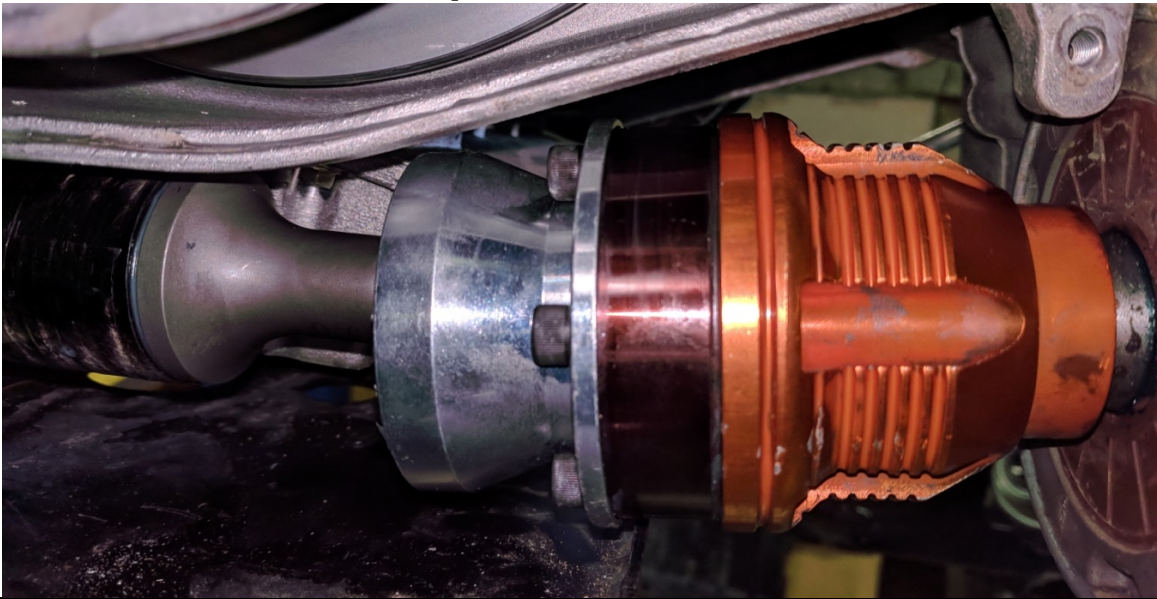
**Step 6** Install the rear prop shaft from the rear on the driver side of the RZR and align the splines onto the front half of the prop shaft. This will be done in-between the belt box and the chassis. This will be a tight fit, even with the motor mount disconnected.

**Step 7** Mate the rear prop shaft with the flange connected to the rear output shaft then bolt together. Use blue loc-tite on all supplied bolts. Torque supplied bolts to 16 ft-lbs using the supplied 1/4" socket, adapter, and wrench.

**Step 8** Reinstall motor mount and torque to OEM specification.



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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 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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