



2753 Michigan Road • Madison, Indiana 47250 • 855-743-3427

## INSTALLATION INSTRUCTIONS

### Polaris Calibration Kit

**Fits: 2017 Polaris Sportsman 570 Base Non-EBS**

(3-15-2023)

**Oversize Tires  
0-3000ft Elevation**

#### ITEMS INCLUDED:

- Drive Spring - Pink
- Driven spring - Orange
- Weights - SS61 (3)
- Driven Belt
- Instructions

#### TOOLS NEEDED:

- Floor jack & safety stands
- Drive clutch puller
- Driven clutch compression tool
- 3/8" metric socket set
- 13/16"
- 5/8" socket
- 15mm socket
- Misc. normal shop tools

**Make sure that you compare year/model on instruction sheet to the unit you have.  
Do Not attempt this install w/o proper tools or damage to clutches & injury could occur.  
Do Not attempt this install if you are not qualified. Injury could occur.  
Inspect Drive/Driven clutch faces before you install kit. Repair/Replace as necessary.**

#### Need help with your installation?



sales@superatv.com



www.superatv.com



1-855-743-3427



8:00am - 8:00pm EST M-Th  
8:00am - 7:00pm EST Friday  
9:00am - 2:00pm EST Saturday

Read instructions and view illustrations before beginning.

*Thank You*

*For Choosing*



Jack up rear end.

Install safety stands/jacks.

Remove seat, left side panel, and Left foot well

Remove clutch cover screws (8) with 3/8 mm socket.

Remove drive clutch bolt – 5/8" socket.

Install puller and remove drive clutch.

Remove driven clutch bolt using 15mm socket.

Remove outer driven clutch sheave.

Notice gold colored washer on remaining clutch sheave.

Remove belt.

Remove clutch sheave.

Install supplied weights in drive clutch. Torque weight bolt nuts to 20 inch lbs.

The plastic spacer on the clutch shaft is for limiting the top speed. DO NOT remove this or the unit will achieve a faster top speed.

Install Pink drive clutch spring.

Install cover and torque cover bolts to 9 foot lbs.

Install driven clutch sheave with spring cone into Compression Tool.

Tighten slightly against spring cover.

Remove 6 torque screws (#30) and release the tension on compression tool.

Remove stock driven spring and install Orange driven spring.

Install cover and torque cover bolts to 9 foot lbs.

Install driven clutch inner partial sheave on unit's shaft.

DO NOT allow these shims to come off of shaft.

Align outer sheave rollers to fit in inner sheave machined hub.

Slide on shaft and then install and torque driven clutch bolt to 40 lbs.

Install drive belt so that you can read the part numbers when installed.

Install drive clutch through belt and onto engine stub shaft.

Install drive clutch bolt and torque to 47-50ft lbs.

Verify that all parts have been installed and torqued to proper Polaris specs.

Install clutch cover and torque cover screws to 5 foot lbs.

**Verify that all items have been properly installed & properly torqued.**

**After verifying that all items have been properly installed/torqued start engine.**

Engagement should be around 1700-1800 rpm and very smooth after initial engagement.

Top rpm should be 6450-6550rpm under full throttle.

**Re-torque drive clutch/driven clutch bolts to proper Polaris specs after 100 miles of operation.**

Failure to do so could cause future damage to clutches or injury to operator.

If you have any problems/questions on this kit **contact us by email** SUPERATV.COM

### **TECH TIPS:**

1. Contact SuperATV if you add larger/heavier tires as this changes the clutch calibration.
2. Drain water out of clutch cover after washing unit or driving thru deep water before operating.  
As this could cause a flat spot/damage belt and wear the drive clutch causing a clutch face Groove/damage.
3. Clean clutches at least once a season for normal maintenance.
4. Under Severe conditions such as MUD BOG riding/racing, clean clutches daily.
5. Do not install partial kit as kit was designed to work correctly using all enclosed items.
6. Do not mix other company's parts with kit as this could cause damage/improper operation.

**Torque Specs:** Companies change specs so verify any/all bolt tightening specs by checking with your BRP dealer, service manual, owners manual.