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

# INSTALLATION INSTRUCTIONS

## Polaris Calibration Kit

**Fits: 2015-2020 Polaris Ranger 570 Non-EBS**
**Full Size Stock Tires**
**0-3,000ft Elevation**

(3/21/2023)

**ITEMS INCLUDED:**

- Drive Spring – Yellow
- Driven Spring – Maroon
- Weights – WEDGE65 (3)
- Drive Belt
- Instructions
- Decals

**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*

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Jack up rear end.
Install safety stands/jacks.
Remove clutch cover screws (8) with 8mm 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.
Clean/wipe/blow dust from drive clutch assembly.
Scuff clutch sheaves with a Scotch Brite pad. Wipe with contact cleaner on a clean rag.
Install supplied weights in drive clutch. Torque weight bolt nuts to 20 in lbs.
The blue 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 **Yellow** drive clutch spring.
Install cover and torque cover bolts to 9 ft lbs.
Clean/wipe/blow dust from driven clutch assembly.
Scuff clutch sheaves with a Scotch Brite pad. Wipe with contact cleaner on a clean rag.
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.
Inspect rollers at this time for wear. Contact us about upgraded replacement rollers.
Remove stock driven spring and install **Maroon** driven spring.
Install cover and torque cover bolts to 9 ft lbs.
Slide Driven clutch onto shaft and torque driven clutch bolt to 40 ft 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 47-50 ft lbs.
Verify that all parts have been installed and torqued to proper Polaris specs.
**POSSIBLE ISSUE: Checking Transmission Alignment:** Start unit without cover on. Shift between gears. If it is hard to shift contact your dealer for transmission alignment. This is an underlying problem from the factory when it was assembled.
Install clutch cover and torque cover screws to 5 ft 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 1800-1950rpm and very smooth after initial engagement.
Top rpm should be 6800-7000 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*** at SUPERATV.COM

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**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, or Polaris Industries

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