



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

INSTALLATION INSTRUCTIONS

Polaris Calibration Kit

**Fits: 2018-2019 Polaris RZR XP Turbo S Crew
33-35" Tires - Sand Dune Kit
0-3000ft Elevation**

(3/23/2023)

ITEMS INCLUDED:

Drive Spring - Blue
Driven Spring - Brown
Drive Belt - DBPO1186
Weights - W18XX82 (3)
FIX2 - Shim Kit
Decals
Instructions

TOOLS NEEDED:

Floor jack & safety stands
Drive clutch puller
Driven clutch compression tool
3/8" metric socket set
7/8" socket 1/2"
15mm & 18mm socket
Torx set
Allen set
Snap Ring pliers
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



Remove clamp holding air intake on clutch cover.
Remove clutch cover screws (8) with 8mm socket.
Remove clutch cover.
Remove drive clutch retainer bolt (18mm socket).
Remove drive clutch using clutch puller & 7/8"socket. Hand thread to get started.
OEM torque spec is 96ft.lbs. so clutch is on there.

Inspect bolts behind drive clutch. If they are loose add Loctite and torque to 7ft.lbs.

Remove driven clutch bolt (15mm socket)
Remove clutches/belt from machine.
Remove drive clutch cover bolts (6).
Clean/wipe/blow dust from drive clutch assembly.
Scuff sheaves with scotch brite pad and wipe with contact cleaner on a rag.
Install supplied weights in drive clutch.
Install supplied **Blue** spring in drive clutch.
Install cover aligning X on cover to X on clutch spider.
Compress cover/spring and install bolts and torque to 10ft.lbs.
Clean/wipe/blow dust from driven clutch assembly.
Scuff sheaves with scotch brite pad and wipe with contact cleaner on a rag.
Install driven clutch sheave with spring cone on compression tool.
Tighten tool cage slightly against flat area.
Remove 3 torx screws (#30). Slight heat will help.
Release pressure on spring and remove spring.
Stage 1 kit install stock helix. Stage 2 kit install supplied helix.
Install supplied **Brown** driven spring in clutch.
Tighten tool cage slightly against flat area. Align holes.
Install driven clutch assembly on unit.
Install retainer bolt and finger tighten to hold clutch assembly on shaft.
Install Polaris belt tool & tighten so that belt slides down into driven clutch.
Install drive belt on driven clutch with part numbers so that you can read them.
Install drive clutch thru belt and onto engine stub shaft.
Tighten driven clutch bolt to 40ft.lbs. factory spec.
Install drive clutch bolt and torque to 96ft.lbs.

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

POSSIBLE ISSUE: Checking Transmission Alignment: Start unit without cover on. Shift between gears. If it is hard to shift proceed to **FIX2** install instructions. FIX2 kit will only adjust alignment if the drive belt is touching the outer drive clutch sheave. Proceed to next step if there are no hard-shifting issues.
Install clutch cover.

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

Engagement should be 2000-2200rpm after initial engagement.
Top rpm should be 8300-8600 under full throttle, normal operating conditions.

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

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