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

# INSTALLATION INSTRUCTIONS

## Can Am Calibration Kit

## Fits: 2018-2021 Can Am Maverick X3 (172hp)
## 33-35” Sand Dune Riding
## 0-3000ft Elevation

(3/23/2023)

**ITEMS INCLUDED:**
Drive Spring - Red
Driven Spring – Maroon
Driven Spring - Pink
Driven Belt – 383 Series
Weights – WedgeX362 (6)
Decals
Instructions

**TOOLS NEEDED:**
Floor jack & safety stands
Drive clutch puller
Governor Cup Puller
Driven clutch compression tool
3/8” metric socket set
7/8” socket ½”
1/2’’ drive 1 ¼’’ socket
7mm, 16mm, 17mm & 22mm socket
Torx set
Allen set
Snap Ring pliers
Misc. normal shop tools
Belt Removal Tool

**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 allowing left rear wheel to sag.
Install safety stands/jacks.
Remove clamp holding air intake on clutch cover. 7mm.
Remove spring/shock guard (8mm)
Remove clutch cover screws (11) with 30 Torx socket.
Remove clutch cover.
Use Can Am Belt Removal Tool to remove belt.
Remove drive clutch retainer bolt (22mm socket).
Remove drive clutch using clutch puller & 16mm socket. Hand thread to get started.
OEM torque spec is 89ft/lbs. so clutch is on there.
Remove driven clutch bolt (17mm socket)
Remove clutches/belt from machine.
Mark drive clutch and spider for alignment purposes for re-installment.
Using the governor cup removal tool and the drive clutch puller separate the drive clutch.
Install drive clutch onto compression tool.
Tighten tool against spring cup and remove Torx screws.
Clean/wipe/blow dust from drive clutch assembly.
Scuff clutch sheaves with a Scotch Brite pad and wipe faces with contact cleaner on a rag.
Install supplied **Red** drive spring in clutch.
Install supplied weights. If unit does not run suggested RPM contact tech at SuperATV.com.
Install cover aligning X on cover to X on clutch spider.
Compress cover/spring and install bolts and torque to 10lbs.
Clean/wipe/blow dust from driven clutch assembly.
Scuff clutch sheaves with a Scotch Brite pad and wipe faces with contact cleaner on a rag.
Install driven clutch sheave with spring cone on compression tool.
Note: use a ½" drive, 1 1/4" socket instead of black hold down fixture for more space to remove torx bolts.
Tighten tool cage slightly against flat area.
Remove 3 Torx screws (#50). Slight heat will help.
Release pressure on spring and remove spring.
Install supplied **Maroon** driven spring in clutch. **Note: Driven spring will not have tine ends.**
Install **Pink** driven spring for severe applications.
Tighten tool cage slightly against flat area. Align holes. Apply Blue Loctite on helix screws.
Install driven clutch assembly on unit.
Install retainer bolt and finger tighten to hold clutch assembly on shaft.
Install Can Am belt removal tool for easier installation.
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 52ft/lbs. factory spec.
Install drive clutch bolt and torque to 89ft/lbs.

**Note: BRP does recommend replacing the driven clutch bolt (#420441990) each time the clutches are serviced.**
**Verify that all items have been properly installed & properly torqued.**
Install clutch cover.

**After verifying that all items have been properly installed/torqued, start engine.**
Engagement should be 1900-2000rpm after initial engagement.
Top rpm should be **75-7800 rpm.**
When clutches are fully shifted through the shift cycle RPM can go up to 8-8200 at top speed.

**Re-torque drive clutch/driven clutch bolts to proper Can-Am 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.

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