

CLUTCH KIT

INSTALLATION GUIDE

2020-2021 Canam Defender HD10

PARTS LIST

25-DCK6

- 1 PRIMARY SPRING LIME GREEN
- 1 SECONDARY SPRING BLACK

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

**THIS KIT REQUIRES SPECIAL TOOLS FOR INSTALLATION.
FOR BEST RESULTS, DYNOJET RECOMMENDS
INSTALLATION BY A QUALIFIED TECHNICIAN.**

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CLUTCH KIT ADJUSTMENT SETTINGS

INTENDED USE	ELEVATION	PRIMARY SPRING	SECONDARY SPRING	HELIX POS
Trail Std Tire	0-4000 ft	BLACK	LIME GREEN	5
Heavy load	0-4000 ft	BLACK	LIME GREEN	6

THESE SETTINGS ARE BASED ON USING THE POWER VISION STOCK IMPROVED TUNE. THESE SETTINGS WILL NOT WORK WELL WITH A STOCK TUNE.

INSTALLATION INSTRUCTIONS

IT IS RECOMMENDED TO HAVE AN AUTHORIZED CANAM TECHNICIAN INSTALL THE CLUTCH KIT AS SPECIAL TOOLS ARE NEEDED TO COMPLETE THE INSTALLATION.

Remove the CVT cover. Remove the drive belt. Remove the primary and secondary clutch assemblies.

Take notice of the arrow marks on each sheave. It is best to make marks on the edge of each sheave with a marker for ease of reassembly.



MARKINGS ON SHEAVES

Separate the primary clutch assembly. Thread the puller partially into it. Support the assembly from the outer sheave. Hit the top of the puller with a hammer to push the two halves apart. The assembly can also be dropped on the puller side to separate. Once the two halves are separated, remove the puller.

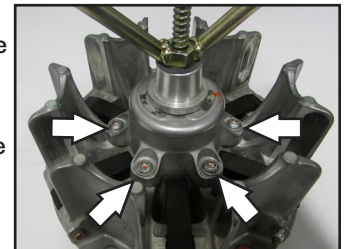


GOVERNOR CUP REMOVED

Lift the governor cup (spider plate) carefully off of the primary clutch assembly. There

are many plastic buttons and rubber o-rings that will likely fall out. Make sure not to lose any of them as they will be re-used.

Remove the outer sheave from the inner sheave shaft. Put the outer sheave into the spring compression tool and tighten. Remove the 6 bolts holding the spring cover to the assembly. Release the spring pressure.



REMOVE SPRING COVER

Replace the primary spring with the supplied Dynojet BLACK spring. Reinstall the spring cover. Torque the bolts down to 89 in/lb.

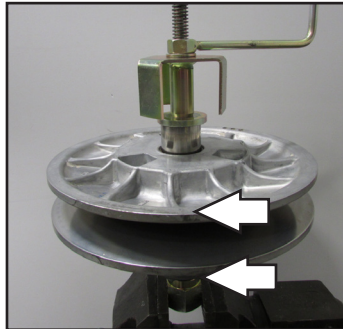
Reverse order of disassembly.

Make sure to clean the taper of the assembly and the face of the sheaves properly. When installing the primary assembly back on the crankshaft make sure that your original marks are aligned before tightening. Replace the drive pulley screw and torque to 89lb/ft.

INSTALLATION INSTRUCTIONS

IT IS RECOMMENDED TO HAVE AN AUTHORIZED CANAM TECHNICIAN INSTALL THE CLUTCH KIT AS SPECIAL TOOLS ARE NEEDED TO COMPLETE THE INSTALLATION.

To disassemble the secondary clutch use special tool part #16300002. Take notice of the arrow marks on each sheave. It is best to make marks on the edge of each sheave with a marker for ease of reassembly.



MARKINGS ON SHEAVES

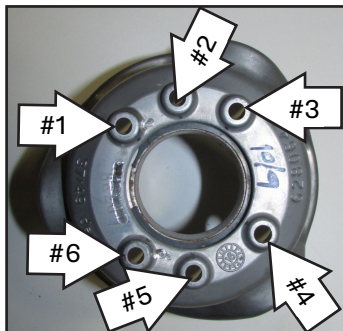
While the secondary is compressed remove the 3 torx cam retaining screws.

With the secondary clutch disassembled inspect the cam (helix).



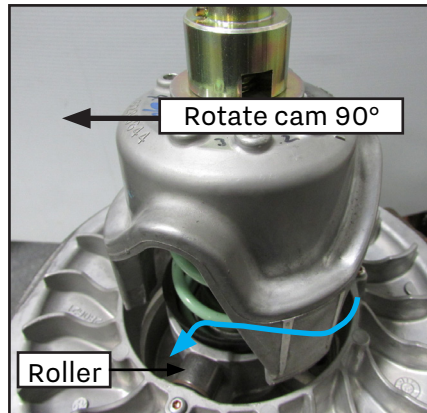
REMOVE BOLTS

#4 is the stock location



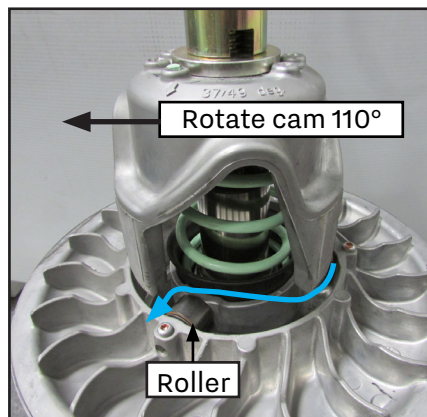
Slide the secondary sheave onto the special tool. Put the stock plastic cup and Dynojet LIME GREEN spring into the sheave making sure the tab on the spring is inserted into the hole in the sheave correctly. Install the cam over the spring engaging the hole location per the chart on page 2. Rotate the sheave per the pictures below so the roller engages the next finger.

CAM POSITION #5

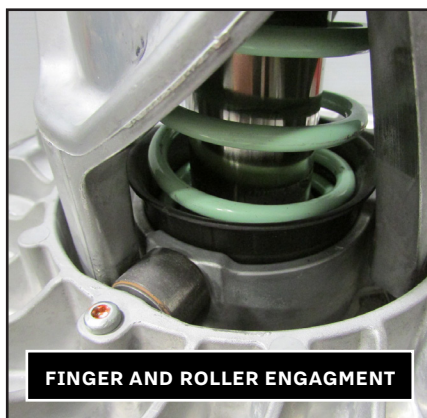


BASE SETTING

CAM POSITION #6



MORE LOAD



FINGER AND ROLLER ENGAGEMENT

Align the marks on each sheave. Fully compress the sheaves and reinstall the 3 torx screws to 45 lb/ft. Clean the sheaves thoroughly and the transmission shaft. Reinstall the secondary clutch assembly onto the transmission shaft. Replace the bolt and torque to 52 lb/ft.

PUSH THE LIMIT.

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