



# Ibex Installation Instructions

Date of Issue: 12/18/2022

Update

Approval:

Date of Last Review:

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Installation Instructions: I- 1.0.0

Rev: 3

**Can-Am X3 P-drive Crawler/Trail 226 Kit  
#72727**

**Part**

Video Instructions: [Canam Maverick X3 P-Drive Clutch kit install - YouTube](#)

|  |                        |
|--|------------------------|
| - Ibexx Advanced Collapse Tool (P/N 72116) | -13 mm socket          |
| - Primary Tool Splitter                    | -17mm socket           |
| - Belt removal tool                        | -Flathead screw driver |
| - Primary Clutch Puller                    | -T40 Torx<br>-T25 Torx |

### Removing Factory Components:

1. Remove clutch side panel
2. Remove Clutch Cover
3. Remove drive belt using supplied belt tool

### Removing Primary Clutch

1. Using the Can am Primary Clutch Puller remove the primary clutch from the machine  
(Images coming soon)

### Splitting the Primary Clutch

1. This kit does require you to install a new primary spring so you will need to split the clutch
2. Using the T40 socket, remove the 6 bolts from the primary cap (heat the bolts prior to removal)



3. Thread your primary clutch puller into the clutch

4. Leave about  $\frac{1}{2}$  in gap from the head of the puller to the primary clutch itself (images coming soon)
5. Place the splitter tool over top of the puller and primary clutch (Images coming soon)
6. Using a 24mm socket and a half inch impact gun run the splitter tool bolt down until the Clutch Splits apart. NOTE: it will be a loud pop sound.
7. Remove the cap and then place your clutch on the Spring Compression tool

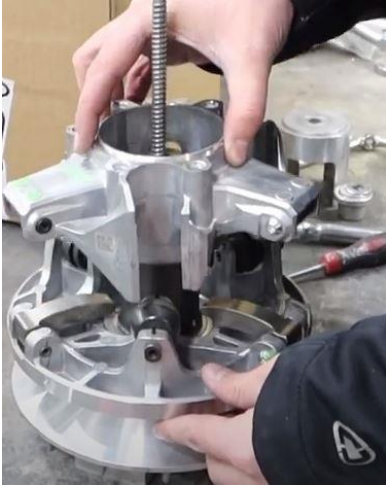


8. Compress the primary spring to expose the c-ring and remove the c-ring



9. Decompress the clutch and then remove the stock primary spring.

10. Remove the Governor Cup Assembly by simply lifting it off the outer sheeve



11. Using a T25 socket remove the stock flyweights. Remove the bolt and press the pin out of the clutch to remove the weight



12. Load the IbeXX weights and reinstall the flyweights and tighten the T25 bolt down, as you tighten the bolt it will suck the pin back into place
13. Reinstall the Governor Assembly - Be sure to insert each flyweight into the slot before setting Governor assembly into place.
14. Install the spring provided with your kit.



15. Reinstall the spring support and seat.

16. Compress the spring using the Spring Compression tool and reinstall the C-ring
17. Reinstall the primary cap and the 6 bolts using the T 40 socket. When reinstalling your primary clutch back onto the machine torque to 89 Ft lbs. for stock primary bolt.

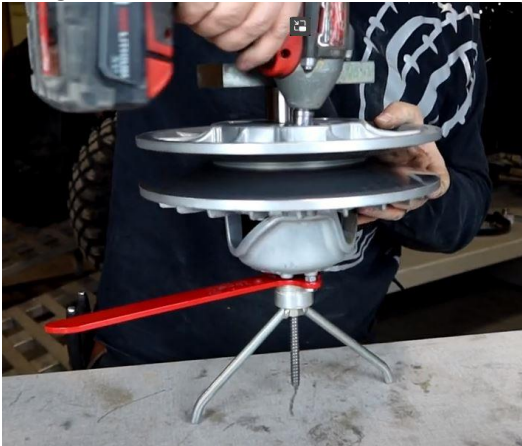
### Installing the Helix in the Secondary Clutch

Video Instructions: [Ibexx™ Can-Am™ Clutch Kit Guided Install - YouTube](#)

1. To remove the Secondary Clutch use a 17mm socket to remove the secondary bolt. It is recommended to replace this bolt when reinstalling the clutch
2. Place the clutch onto the spring compression tool and place the Helix Adjustment tool onto the factory helix



3. Flip the tool and clutch upside down to get to the 3 Helix Bolts
4. Using a 13mm socket remove the 3 helix bolts



5. Flip the clutch back over and **SLOWLY** decompress the spring. **Be CAREFUL** when decompressing the spring, once the helix reaches the rollers it will twist rapidly causing the helix adjustment tool to swing out.
6. Remove the factory helix and plastic spring cup. You will not need the plastic cup when reinstalling the Ibexx helix.
7. Line the two sheeves up so the arrows are matched up



8. Place the Ibexx helix into the secondary so the ramps are resting near the rollers
9. Reinstall the 3 helix bolts into the helix and torque to 45ft lbs
10. Place the secondary back into the spring compression tool and insert the secondary spring
11. Place the helix cap onto the spring. When deciding which hole to insert the spring tab into, pull the two sheaves together so the degree markings on the helix are correct. Line up the marker so that it is right at 0 degrees. Whichever hole gets you closest to the 0 degree mark that will be the hole you use for the spring tab.
12. Place the helix adjustment tool back onto the helix and compress the spring so the helix cap sits in the



helix.

13. Set your degree twist to whichever setting your machine requires and tighten the 3 helix cap bolts down. Torque to 12 ft lbs.

14. Reinstall the secondary clutch back onto the machine and torque to 52 ft. lbs.