



## 2022 Can Am X3 Shift-Tek-P Essential Clutch Kits

SKU(s): Sand 40-45 (402FC0057), Trail 41-52 (402FC0027)

### INCLUDED PARTS

Helix Assembly
No Mar Tip
Belt Sheave Tool

### REQUIRED TOOLS

Clutch Service Tool Kit
Screwdriver(s)
13,17,19,22mm Sockets
Impact Driver
6mm Allen Socket
Red Loctite
Torque Wrench



## BILLET HELIX PACKAGE

**BILLET  
BEARING  
HOUSING**



**HELIX**



**BILLET  
BELT/SHEAVE  
TOOL**



**NO MAR  
TIP**



**Step 1:** Remove CVT outer clutch cover and belt.

**Step 2:** Remove the secondary clutch with a 17mm socket and impact, mount it into a clutch compression tool. With a sharpie make alignment marks on both sheaves. (Figure 1)

**Step 3:** Use 13mm socket to take 3 fasteners out of the helix and carefully loosen the spring compression tool to remove tension. (Figure 2)



Figure 1



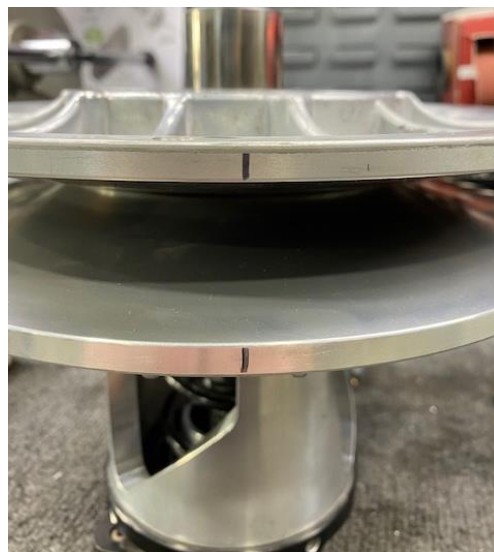
Figure 2

**Step 4:** Pull off both sheaves, remove spring cup and spring from the OEM helix.

**Step 5:** Grab the new helix, make sure the helix cap is adjusted to -45 degrees, if not loosen (3) Allen screws and clock the helix cap. Tighten the (3) Allen screws back down.



**Step 6:** Reassemble the secondary clutch on the clutch compression tool in this order: Helix assembly, stock spring in hole 4 (EVP Purple Spring hole 5), spring cap, both sheaves in alignment. When compressing make sure the rollers are in line with the helix ramps. You may need to adjust with your hands while compressing.



**Step 7:** Apply Red Loctite onto the threads of the (3) 13mm bolts holding the helix to the sheaves.

**Step 6:** Reinstall the clutch on the vehicle and torque secondary bolt to 52 ft-lbs.

**Step 7:** Using the Can Am belt changing tool with EVP non-marring tip reinstall belt, spin secondary to get belt back to the top of the clutch

**Step 8:** Before removing the belt changing tool, apply a small amount of pressure to EVP helix cover and loosen the (3) 6mm Allen screws enough to clear the machined groove

**Step 9:** Put the EVP sheave holder between the fins on the secondary clutch and use a screwdriver to rotate the helix cover clockwise to desired tension. Use the 6mm Allen to tighten the screws back down. (See picture on next page)

EVP sheave holder.



Screwdriver used for changing the tension on the secondary spring.

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

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