



## Positive Indexing Roller Clutch

### Installation instructions

July 2022



Drive Plate



Hub



Tension Arm



Leather Insert - Spring - X Washer -  
Shoulder Bolt - Roller - Roller Spacer -  
Enviro Bushing



Stop Blades - SS Washer (2)  
Leather Spacer - Set Screws (2)

### **Preparation** - Distributor at #1 bin position - **Remove Pinspotter Power Plug**

Remove OEM clutch assembly. Replace OEM pinion bushing with provided *Enviro Bushing*.

Remove OEM trip rod assembly stop blade and replace with provided *Stop Blade* placed at its highest position.  
Reposition where necessary during installation completion.

### **Installation**

1. Install *Drive Plate* onto pinion gear and shaft.
2. Place *Leather Spacer* on shaft.
3. Loosely insert *Set Screws* into *Hub*. Place *Hub* onto shaft against *Shim Spacer* securing both *Set Screws*.



1.



2.



3.

### **Plastic Roller**

4. Place *Shoulder Bolt* into recessed side of *Plastic Roller*. Place *Roller Spacer* (1/2" OD) onto *Shoulder Bolt* against flat side of *Plastic Roller* then secure firmly into threaded portion of *Tension Arm*.



4.



5.

### **Tension Arm**

5. Place *Leather Insert* tabs into *Tension Arm* notches (smooth side up) then depress *Leather Insert* into curvature. *Leather Insert* will conform completely to *Hub* during initial use.

- 6-7. Place *Tension Arm* assembly onto *Drive Plate* pivot pin. Place one or two *SS Washer* onto pivot pin. Insert *X Washer* - If *Tension Arm* does not pivot freely, remove 1 or both *SS Washer* as necessary for free travel. Secure pivot pin *X Washer*.



6.



7.



8.

8. Insert one end of *Spring* into *Tension Arm* notch hole. Using needle nose pliers, position opposing spring-end into bend-tab hole of *Drive Plate*.