

CLT JL EZ4CYL DRIVE CLUTCH TUNING KIT  
For 1991-Present EZ-GO (four cycle engines)

INSTALLATION INSTRUCTIONS



**CAUTION:**

Remember to always wear appropriate eye protection while performing the tasks in this instruction. Be sure to remove the key and disconnect the negative battery cable to prevent accidental start-up.

Kit Parts List

- 1 Drive Clutch Tuning Spring
- 1 Brass Wire Connector



- Clutch puller part number TLS EZ2 5545 is required for clutch removal.
- Remove the seal plate on the driver's side.



- Pull up the rubber mat to expose the accelerator cover.



- Remove the accelerator cover and disconnect the start switch wires. Using the supplied brass connector, connect the two wires together (tape all exposed connections).



- Make sure the wires are positioned so they will not interfere with any moving parts. Reinstall the cover, mat and seal covers.
- Remove the seat assembly and make sure the battery negative cable is disconnected. Raise the rear of the cart and support the body with jack stands.
- Remove the drive belt by rolling the belt off the driven clutch by grasping the belt (while pulling upwards) and rotating the driven clutch by hand. Loosen the starter/generator bolts and remove the starter/generator belt.
- Remove the drive clutch mounting bolt and with the use of a proper puller, (TLS EZ2 5545) remove the clutch assembly. Mark the dust cover, outer flange and inner sheave with straight lines to insure the clutch will remain balanced. Failure to use alignment marks will cause improper reassembly of the clutch.



- Remove the flange cover screws using caution as the flange will have some spring tension. Remove the dust cover and with light air pressure clean out any loose debris.
- Remove the existing spring and replace the spring with the new tuning spring. Align the dust cover marks to the inner sheave and flange cover, press the flange inward until the screws can be started. Tighten the screws in a criss cross pattern until 48 inch pounds is achieved.
- Install the drive clutch on the cart and torque the mounting bolt to 42 foot pounds. Rotate the drive and S/G belts back into place (opposite of removal). Connect the battery.

#### Adjusting the Idle Speed



- Place the shift handle in the neutral position and lock the detent by rotating the lock out (located on the transaxle). **Make sure the wheels are off the ground!** Start the engine and adjust the idle barely below the clutch engagement point (1200 rpm). When adjusting the rpm, make sure the belt does not drag on the drive clutch at idle. **⚠ If the belt drags, shifting to forward or reverse from neutral may damage the transaxle!**
- Note: it may be necessary to adjust the throttle linkages to allow for proper rpm adjustment. To ensure the throttle closes completely when the accelerator is released, shorten or lengthen rod number 3 or 4. The idle speed can now be adjusted at number 2 idle screw. With the throttle seated against the idle screw (2), raise or lower the idle speed by adjusting the number 2 idle screw.
- Verify the voltage at the battery is over 13 volts to ensure the starter/generator is charging correctly.
- Shut the engine off and put the seat back on. Lower the cart and test drive the cart to make sure of all the adjustments are in order.

# STQ EZ 2000K POWER KIT For EZGO

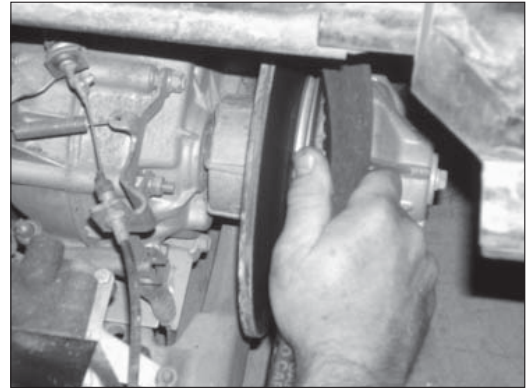
## 1989-Present 2 & 4 Cycle Gas Models

### Installation Instructions

**Please remember to wear appropriate eye protection.**

#### **Driven Belt & Driven Clutch Removal:**

1) Remove the belt as shown in picture (A). Take care as not to pinch fingers or hands during the rolling process. Remove the 5/16" bolt that is fastened to the driven clutch. Retain the bolt and washer for installation later. The driven clutch should now slide off the shaft and in rare cases a prying device or puller may be needed. 90 degree snap ring pliers will be used to remove the existing snap ring. Do not lose the snap ring as it will be reused. Using a hammer with light tapping on the spring cup holder the cup holder should come off with very little effort. Clean all the parts and look for worn or defective parts. If all looks okay, continue to the next step.

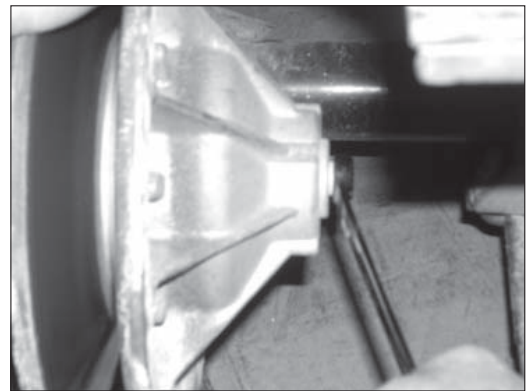


**A. Removing the Belt**

#### **New Power Clutch Spring Installation:**

NOTE: New clutch spring does not have torsion tabs.

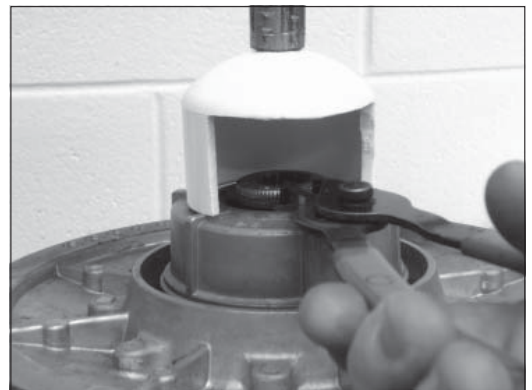
1) Install the spring and cup in place and using the pressing tool (white PVC cap) press the spring and cup down far enough to install the snap ring. See picture (C). A press works well for this and or some muscle utilizing a section of 2x4 wood pressing down for leverage. Secure the snap ring with the 90 degree snap ring pliers and make sure it seats all the way.



**B. Clutch Removal**

#### **Driven Clutch and Driven Belt Reinstallation:**

1) Slide the driven clutch onto the shaft. Install the washers and 5/16" bolt and torque to 14 foot pounds. Finally, follow the instructions from the first section (Driven Belt & Driven Clutch Removal) on how to reinstall your driven belt.



**C. Installing the Snap Ring**