



CP-0105 Secondary Clutch Kit

Yamaha G2-G22

Installation Instructions

Caution: Please read through the cart's safety information and maintenance instructions before installing this product. Clutches are under a lot of spring pressure. Releasing the pressure prematurely could cause injury. **Safety glasses should be worn at all times.** Remove the system's positive and negative connections from the battery before starting the installation. Do not use oil or grease on the clutch surfaces that will come in contact with the drive belt.

Secondary Clutch Removal

1. Turn the key to the OFF position. Engage the parking brake.
NOTE: This installation can be performed by removing the front seat bottom, rear body or driver side wheel and fender.
2. Remove the drive belt from the secondary clutch.
3. Place the cart in gear to prevent the clutch from rotating.
4. Attach the secondary sheave holder (Yamaha YG-40103-B) around the sliding sheave and spring seat.
5. Remove the cotter pin, nut and washer. Attach the clutch puller (CP-0034 recommended). Tighten the puller's center bolt until the fixed sheave is removed.
6. Remove the woodruff key and inner washer. Carefully remove the sheave holder from the sliding sheave. Push in the sliding sheave by hand to slowly release the spring tension. Remove the sliding sheave, spring, spring seat and retaining clip.

CAUTION: Be cautious of pre-loaded spring tension.

Secondary Clutch Installation

1. Install the input spacer included with the kit. The spline side of the spacer should face away from the shaft.
2. Make sure the key-way on the shaft is facing up and the cart is in gear. Slide the new spring seat onto the shaft.
3. Grease the bushing and oil seal lips inside of the sliding sheave.
4. Hook the spring end into spring hole "B" in the sliding sheave. Install the spring and sheave assembly onto the shaft. Hook the other end of the spring into hole "3" in the spring seat.
NOTE: If the spring position hole is blocked, use a screwdriver to clear the casting material out of the hole.
5. Place the sliding sheave onto the input shaft until the keyway is visible. This may require the use of a compression tool. Turn the assembly approximately 45° clockwise while pushing to compress the spring. Attach the sheave holder to the assembly to keep it secure.
6. Remove any oil or grease from the tapered portion of the input shaft and fixed sheave using a non-greasy solvent.
7. Install the plastic washer, woodruff key, fixed sheave, washer, nut and cotter pin. Per OE Specifications, torque the nut to the following values: G9-G14: 60 Nm (43 ft.lb.); G16-G22: 65 Nm (47 Ft.lb.).
8. Remove any excess grease from the sheaves and input shaft.
9. Install the drive belt.

This completes the installation of your secondary clutch kit. Please enjoy safely!

