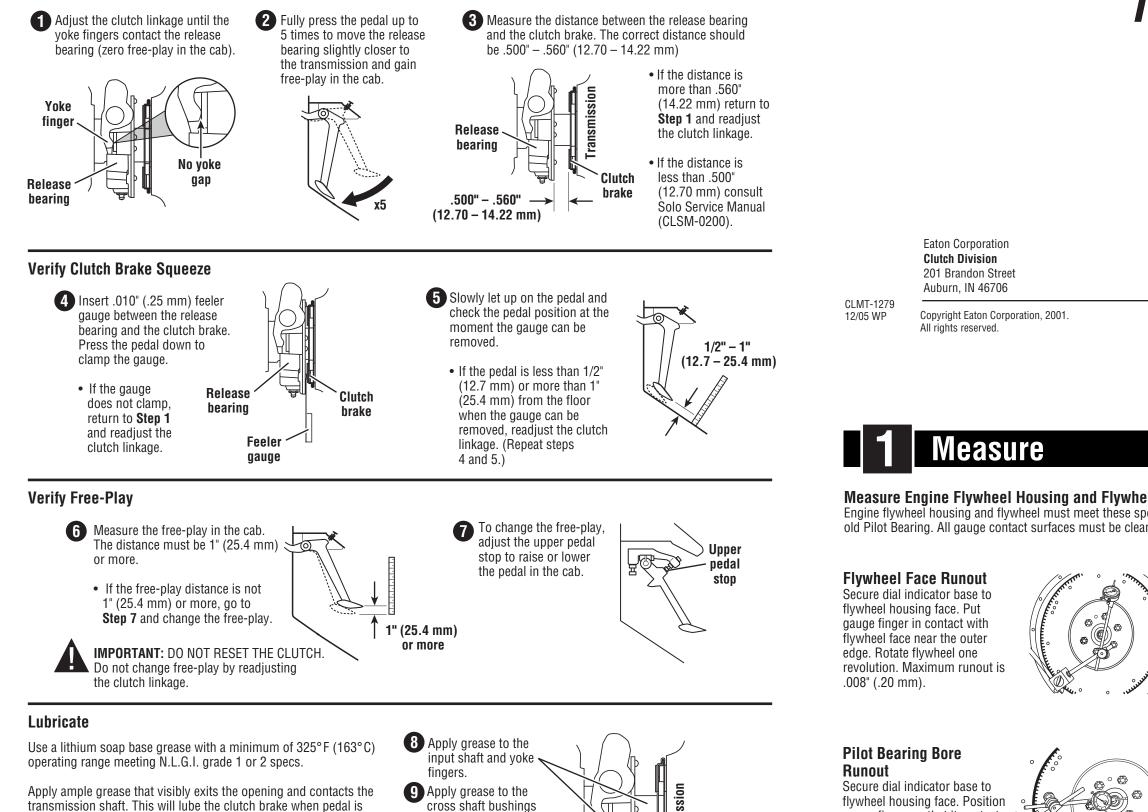
## **Set-up and Lubricate**

### **Adjust Clutch Linkage**

pressed.

**NOTE:** Clutch set-up procedures are the same for the Solo and Solo XL.



Transmission

and linkage pivot

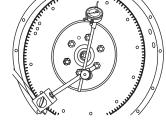
Grease release bearing

points.

## Measure Engine Flywheel Housing and Flywheel

Engine flywheel housing and flywheel must meet these specifications or there will be premature clutch wear. Remove old Pilot Bearing. All gauge contact surfaces must be clean and dry. Use a dial indicator and check the following:

3



63

gauge finger so that it contacts pilot bearing bore. Rotate flywheel one revolution. Maximum runout is .005" (.13 mm).

# Install a Solo<sup>®</sup> Heavy-Duty 15.5" Clutch in 4 steps!

Measure

Install Clutch to Flywheel

Install Transmission

Set-up and Lubricate

Eaton<sup>®</sup> Fuller<sup>®</sup> Solo<sup>®</sup> Heavy-Duty 15.5" **Adjustment-Free and Extended Lube** (XL) Clutches

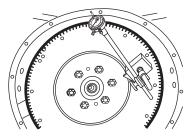
# 

#### Flywheel Housing I.D. Runout

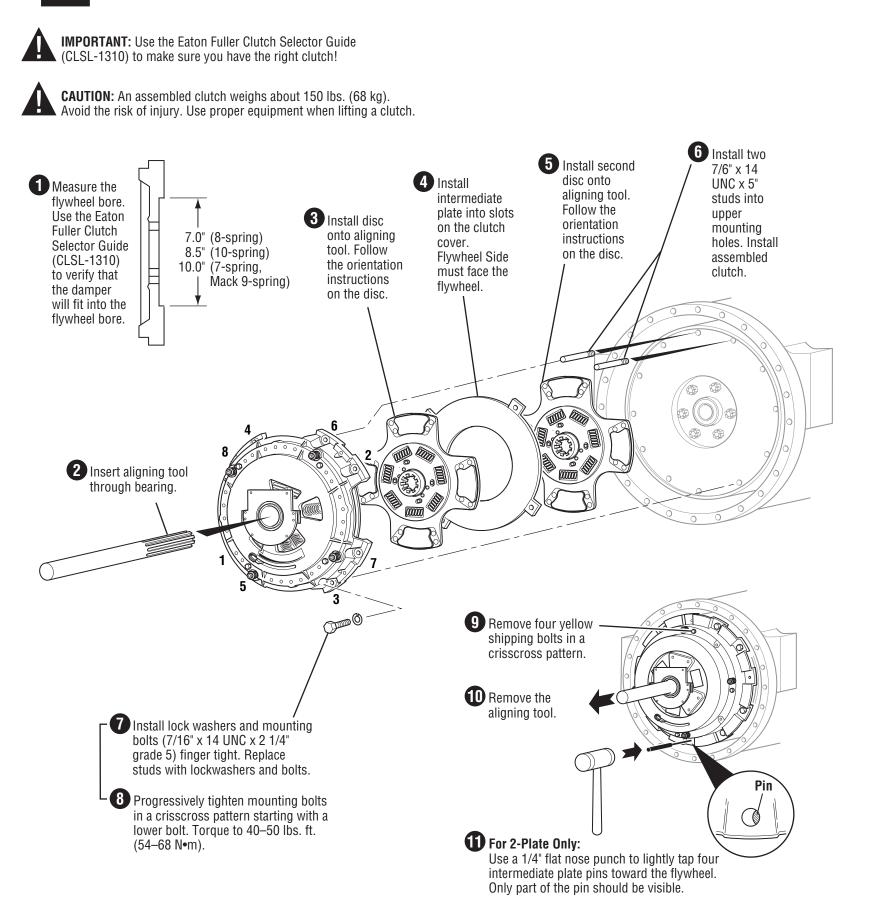
Secure dial indicator base to crankshaft. Put gauge finger against flywheel housing pilot I.D. Rotate flywheel one revolution. Maximum runout is .008" (.20 mm).

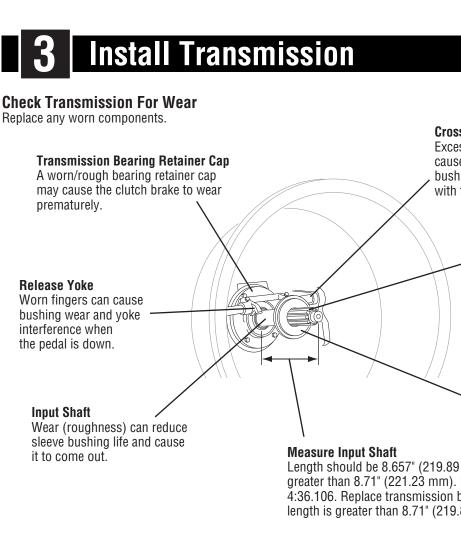
### Flywheel Housing Face Runout

Secure dial indicator base to flywheel near the outer edge. Put gauge finger in contact with face of flywheel housing. Rotate flywheel one revolution. Maximum runout is .008" (.20 mm).



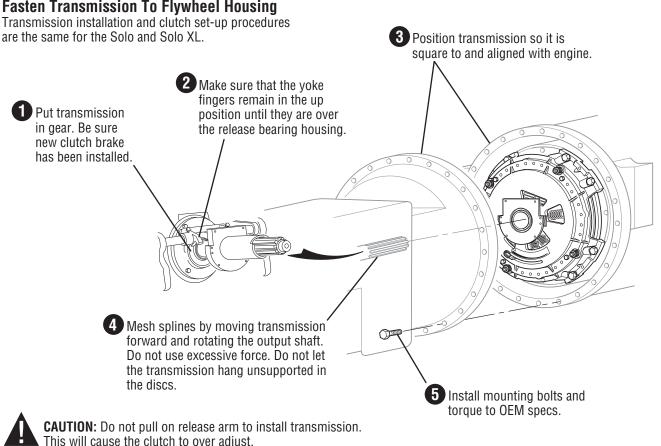
## Install Clutch to Flywheel





Fasten Transmission To Flywheel Housing

are the same for the Solo and Solo XL.



#### **Cross Shaft And Bushings**

Excessive wear at these points can cause side loading on the sleeve bushing, bushing failures and yoke bridge contact with the clutch when the pedal is down.

#### **Input Shaft Splines**

Any wear on the splines will prevent the driven discs from sliding freely, causing poor clutch release (clutch drag). Slide discs full length of shaft to check for twisted shaft splines.

**Clutch Brake** Replace if worn.

Length should be 8.657" (219.89 mm) nominal, and not greater than 8.71" (221.23 mm). Ref. 1990 SAE handbook 4:36.106. Replace transmission bearing retainer cap if length is greater than 8.71" (219.89 mm).