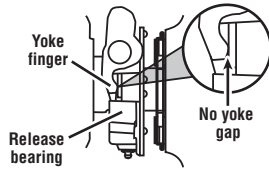


4 Set-up and Lubricate

Set-up

- 1** Adjust the clutch linkage until the yoke fingers contact the release bearing (zero free-play in the cab).



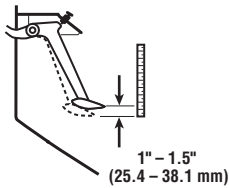
- 2** Fully press the pedal up to 5 times to move the release bearing slightly closer to the transmission and gain free-play in the cab.



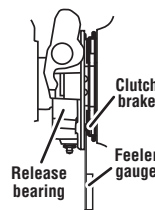
- 3** Move the release bearing towards the transmission until it stops. It will either:
- Touch transmission (Go to **Step 4**)
 - Hit the internal stop (Go to **Step 4**)
 - or Hit the clutch brake (Go to **Step 5**)

Adjust Linkage (With a clutch brake proceed to Step 5)

- 4 No Clutch Brake** Adjust linkage to get 1" – 1.5" (25.4 – 38.1 mm) of free-play. Go to **Step 9**.

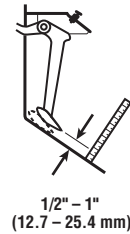


- 5 With Clutch Brake** Insert .010" (.25 mm) feeler gauge between the release bearing and the clutch brake. Press the pedal down to clamp the gauge.



- If the gauge does not clamp, return to **Step 1** and readjust the clutch linkage.

- 6** Slowly let up on the pedal and check the pedal position at the moment the gauge can be removed.

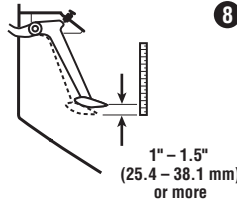


- If the pedal is less than 1/2" (12.7 mm) or more than 1" (25.4 mm) from the floor when the gauge can be removed, readjust the clutch linkage. (Repeat Steps 5 and 6.)

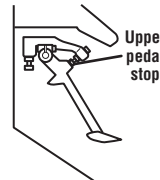
Verify Free-Play

- 7** Measure the free-play in the cab. The correct distance is 1" – 3" (25.4 – 76.2 mm).

- If the free-play distance is not 1" – 3" (25.4 – 76.2 mm) or more, go to **Step 8** and change the free-play.



- 8** To change the free-play, adjust the upper pedal stop to raise or lower the pedal in the cab.



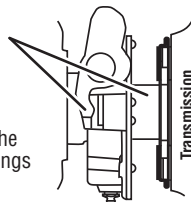
IMPORTANT: DO NOT RESET THE CLUTCH. Do not change free-play by readjusting the clutch linkage.

Lubricate

Use a lithium soap base grease with a minimum of 325° F (163° C) operating range meeting N.L.G.I. grade 1 or 2 specs.

Apply ample grease that visibly exits the opening and contacts the transmission shaft. This will lube the clutch brake when pedal is pressed.

- 9** Apply grease to the input shaft and yoke fingers.



- 10** Apply grease to the cross shaft bushings and linkage pivot points.

Install a Solo® Medium-Duty 14" Clutch in 4 steps!

1 Measure

2 Install Clutch to Flywheel

3 Install Transmission

4 Set-up and Lubricate

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Eaton Solo® Medium-Duty 14" Adjustment-Free

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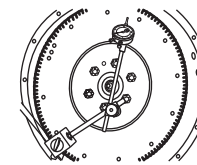
1 Measure

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:

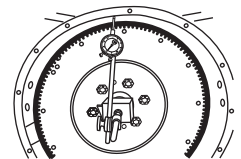
Flywheel Face Runout

Secure dial indicator base to flywheel housing face. Put gauge finger in contact with flywheel face near the outer edge. Rotate flywheel one revolution. Maximum runout is .007" (.18 mm).



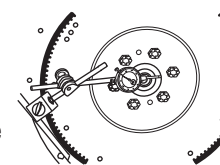
Flywheel Housing I.D. Runout

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).



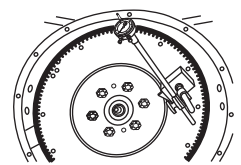
Pilot Bearing Bore Runout

Secure dial indicator base to flywheel housing face. Position gauge finger so that it contacts pilot bearing bore. Rotate flywheel one revolution. Maximum runout is .005" (.13 mm).



Flywheel Housing Face Runout

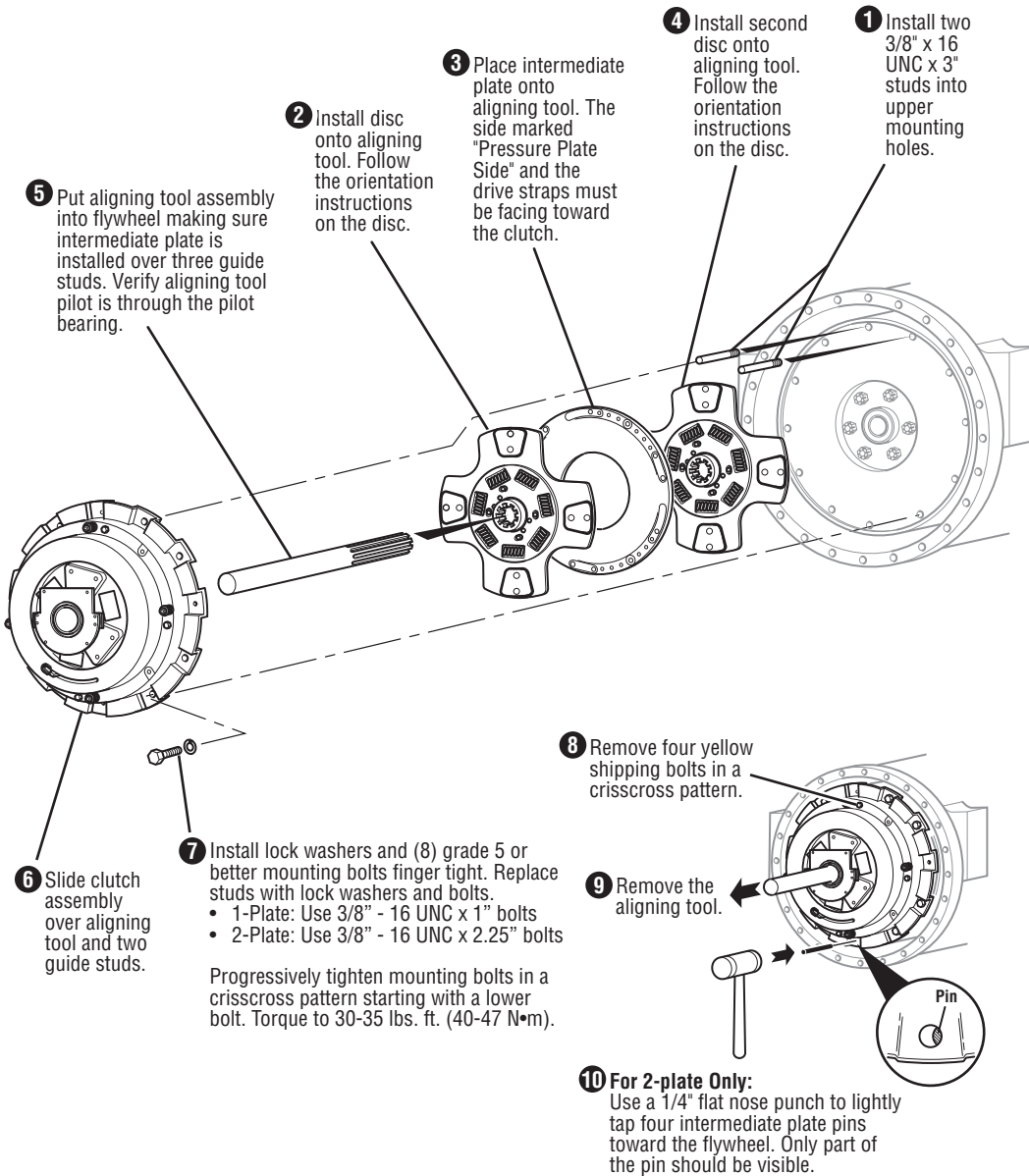
Secure dial indicator base to flywheel near the outer edge. Put gauge finger in contact with face of flywheel housing. Rotate flywheel one revolution. Maximum runout is .008" (.20 mm).



2 Install Clutch to Flywheel

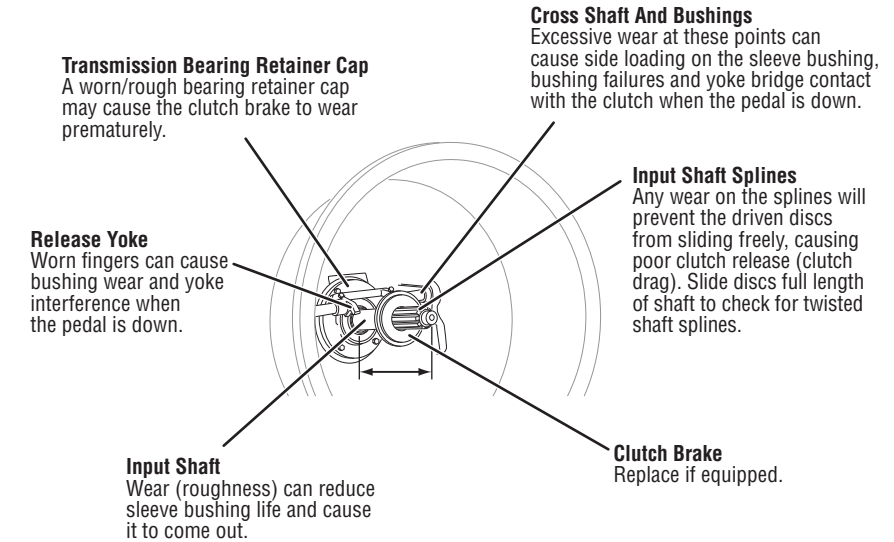
! IMPORTANT: Use the Eaton Fuller Clutch Selector guide (CLSL-1310) to make sure you have the right clutch!

! CAUTION: An assembled clutch can weigh up to 120 lbs. (54 kg). Avoid the risk of injury. Use proper equipment when lifting a clutch.

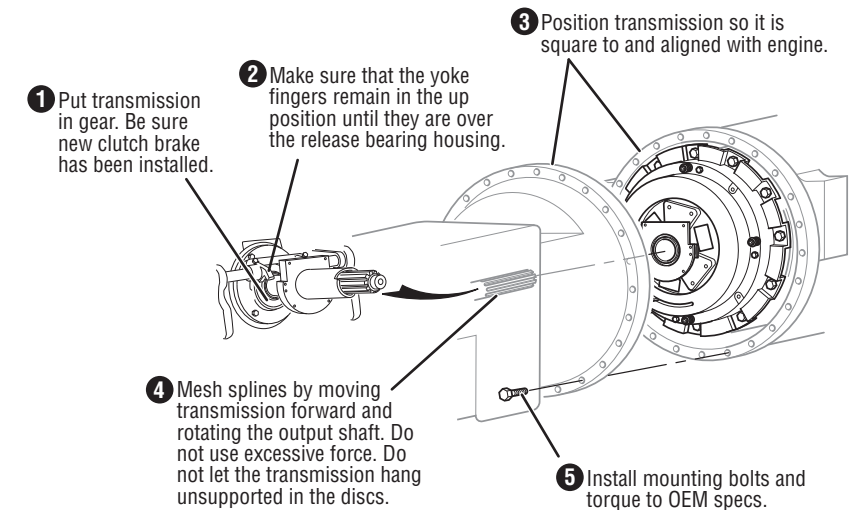


3 Install Transmission

Check Transmission For Wear
Replace any worn components.



Fasten Transmission To Flywheel Housing



! CAUTION: Do not pull on release arm to install transmission. This will cause the clutch to over adjust.