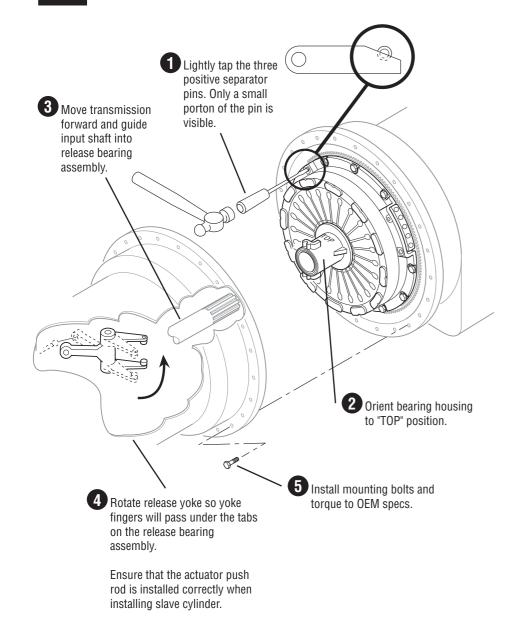
Install Transmission



365 mm Clutch Installation Procedure

Install Clutch to Flywheel



Eaton Corporation **Clutch Division** 201 Brandon Street Auburn, IN 46706

Eaton[®] Fuller[®] 365 mm Clutches

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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:

> ø° © SD

Flywheel Face Runout Secure dial indicator base to

flywheel housing face. Put gauge finger in contact with flywheel face near outer edge. Rotate flywheel one revolution. Maximum runout is .007" (.18 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 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)



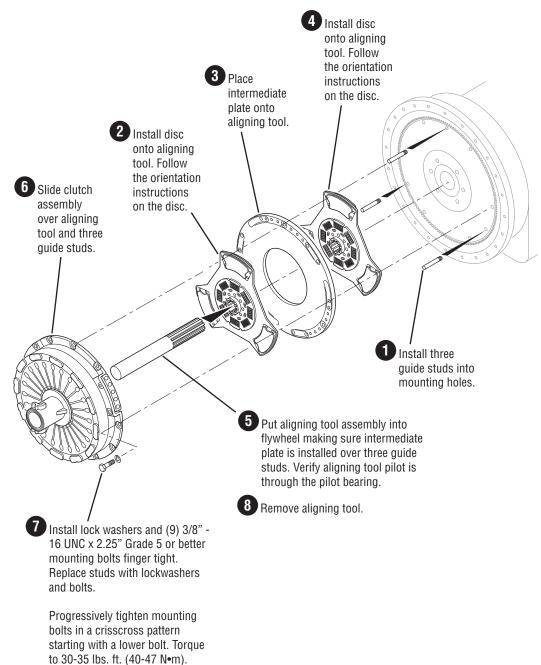
Flywheel Housing Face Runout

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



Install Clutch to Flywheel

For 365 mm Two Plate Clutch:



For 365 mm Single Plate Clutch: **1** Install three guide studs into mounting holes. 2 Install disc onto aligning tool. Follow the orientation instructions on the disc. 4 Slide clutch assembly over aligning tool and three guide studs. B Put aligning tool with disc into flywheel. Verify aligning tool pilot is through the pilot bearing. 6 Remove aligning tool. 5 Install lock washers and (9) 3/8" - 16 UNC x 1" Grade 5 or better mounting bolts finger tight. Replace studs with lockwashers and bolts. Progressively tighten mounting bolts in a crisscross pattern starting with a lower bolt. Torque to 30-35 lbs. ft. (40-47 N•m).