## 2 Install Transmission



## 365 mm Clutch Installation Procedure



Install Clutch to Flywheel
Install Transmission

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## Eaton ${ }^{\circledR}$ Fuller ${ }^{\circledR}$ <br> 365 mm Clutches

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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 outer edge Rotate flywheel one revolution (. 18 mm ).


Flywheel Housing I.D. Runout Secure dial indicator base to crankshaft. Put gauge finger against flywheel housing pilot D. Rotate flywheel one evolution. Maximum runou .008 " (. 20 mm )

Pilot Bearing Bore Runout Secure dial indicator base to flywheel housing face. Position gauge finger so that it contact pilot bearing bore. Rotate flywheel one revolution. Maximum runout is . $005^{\prime \prime}$ $(.13 \mathrm{~mm})$.

3. Flywheel Housing Face Runout Secure dial indicator base to tlywheel near the outer edge. with tace of flywheel housing with ace of tywhee housing. Rotate. tlywhee one revolution
revoulation Maximum runout is . 008 ". $(.20 \mathrm{~mm}$ )


## 1 Install Clutch to Flywheel

For 365 mm Two Plate Clutch:


16 UNC $\times 2.25^{\prime \prime}$ 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).
## For 365 mm Single Plate Clutch:

(4)
Slide clutch assembly over aligning tool and three guide studs.


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) $3 / 8^{\prime \prime}-16$ UNC $\times 1$ " 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 $30-35 \mathrm{lbs}$. ft. (40-47 N•m).

