

INSTALLATION INSTRUCTIONS COA-12828C "SUPER DRUM KIT"



Kit Includes:

1. "Super Drum"
 2. 11 Steels
 3. 10 Frictions
 4. Max Duty Clutch Hub (COA-12823A)
 5. Thrust Bearings (3)
- Re-order COA-12208

***This drum requires modifications to the pump of the transmission**

This drum is supplied with the proper apply piston to accommodate the number of clutches ordered with the drum. It is recommended that the friction plates be soaked in ATF for a short time prior to installing them in the drum. Place the smallest thrust bearing supplied on the under side of the clutch hub and place the hub in the drum. Begin stacking the clutch pack up by placing a separator plate on top of the piston and alternating friction/separator thereafter. When using an aluminum reaction flange, the clutch pack should end up with a separator plate against the flange. Verify proper clutch pack clearance before installing the reaction flange in the drum. It is recommended that .010" per friction plate be maintained for clearance (Example 10 frictions = .100" clearance). The clearance should be measured from the location step for the reaction flange to the top of the clutch pack (either the friction or separator that ended on top). Finally, install the largest OD thrust bearing in the pocket machined on bottom of the reaction flange and place the flange in the drum. Retain the reaction flange with the snap ring supplied.



The thrust surface of the front pump must be modified to accommodate the bearing supplied with this kit. The bearing must be used in place of the stock thrust washer. See diagram below for proper dimension.

Assemble the transmission using only Teflon high gear sealing rings on the pump. Since the transmission has roller bearings on all thrust surfaces, total end clearance should be set at .010-.020".

FOR TECHNICAL QUESTIONS, PLEASE FEEL FREE TO CALL (765) 456-3957

