

### **INSTALLATION INSTRUCTIONS FOR CHRYSLER 727 AND 904 STD BRAKE W/LOW BAND APPLY #COA-42021 REVERSED PATTERN (PRN123)**

Thank you for purchasing a Coan Racing performance product. Since 1976, Coan Engineering has been the leader in hi-performance race transmissions and converters. Our ongoing research and development assures that you have purchased the best products available.

**\* COMMITMENT \* PERFORMANCE \* RELIABILITY \*  
\* A WINNING COMBINATION \***

The scope of these instructions will be aimed at the installation of this kit and it is assumed that the transmission will be rebuilt properly to work with this valve body.

If necessary, refer to a transmission manual for detailed instructions on disassembly and reassembly. The transmission should be completely disassembled, and thoroughly cleaned.

#### **Parts Included:**

Valve body assembly  
6-32 set screw  
Electrical connector

#### **Special Tools Required:**

11/32" Drill Bit      6-32 Tap  
1/8" NPN Tap      #36 Tap drill

#### **Parts Required:**

#3.8 Intermediate Band Lever  
71'up Four Clutch Drum  
Bolt -In Sprag Assembly (COA-42800)  
Deep Pan (COA-42831)

#### **Optional Parts:**

COA-42801 Super Sprag  
COA-42815 Aluminum Drum

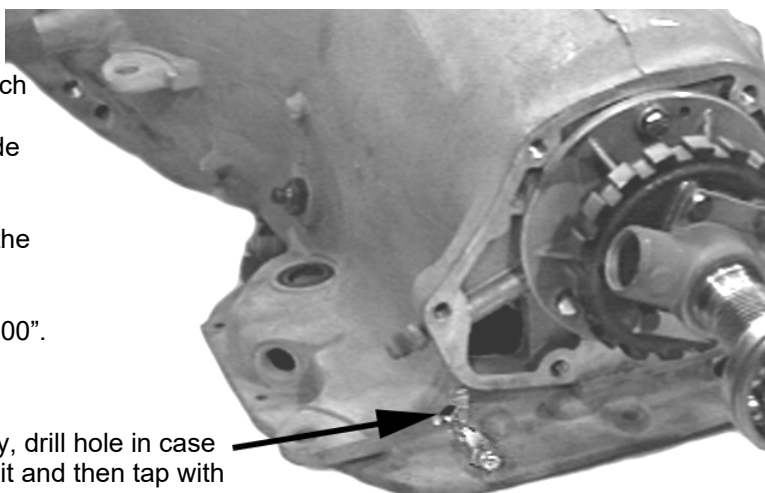
#### **Assembly Recommendations**

Use a 1971 and up, 4 clutch, Front Clutch Drum with wide bushing and the corresponding pump support for the wide bushing drum.

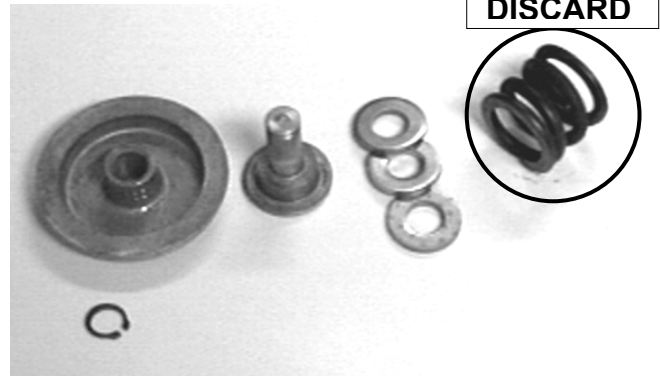
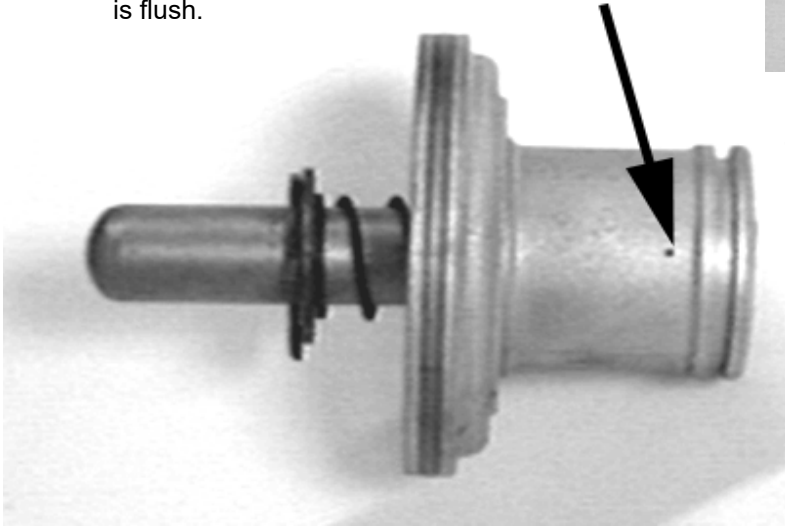
Use a 15-spring piston, install all 15 of the 1.4 inch late model springs.

Set the high clutch pack clearance to .100".  
Set the Fwd. clutch pack to .030"-.040".

After disassembly, drill hole in case with 11/32" drill bit and then tap with 1/8" NPT TAP, then install electrical connector.



Find bleed hole located between sealing rings on kickdown servo piston (71' and up only). Drill and Tap for 6-32 set screw to plug hole. Make sure it is flush.



Remove spring from rear servo piston and install 3 to 4 washers to take up space.

Intermediate band Adjustment; flex or hard back, tighten to 75 inch lbs. then back off 2 1/4 turns. For installation with an aluminum direct drum, use only an intermediate band with red friction lining.

Rear band; tighten to 75 inch lbs. then back off 2 1/4 turns

Install valve body and connect the wire to the plug. Be sure the wire does not interfere with linkage or drums. Torque bolt to 100 in/lbs

Use 16 gauge or larger with 15 amp fuse. Solenoid draws a maximum of 7 amps.

After apply, the solenoid returns from oil pressure, no "clicking" will be heard.

Line pressure 135 to 145 lb. for 727, 155 to 165 lb. for 904  
Adjust by turning the 3/16" allen counter clockwise to increase. One turn = 10 pounds

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