



GM TH400 Forward Clutch PowerPack®

ALTO PART # 031755HP

Alto # 031755HP POWERPACK® CONTENTS: (Hi-Performance Applications)

- (6) 031740A Red Eagle® Friction Plates (.061" / 1.54mm)
- (5) 031701AK Kolene® Steel Plates (.060" / 1.52mm)
- (1) 031711K Bottom Pressure Plate (.090" / 2.28mm)

INSTALLATION INSTRUCTIONS

This kit is designed to change the capacity of the GM TH400 Forward Clutch Pack from four (4) friction discs to five (5) friction discs or from five (5) friction discs to six (6) friction discs. There are four possible apply piston combinations. Two aluminum pistons were used along with one steel piston with two different height spacers.

Four (4) Friction Disc Forward Clutch

Aluminum piston .910" from pad on bottom to surface where first steel plate rides. Steel piston uses a .780" spacer.

Five (5) Friction Disc Forward Clutch

Aluminum piston .745" from pad on bottom to surface where first steel plate rides. Steel piston uses a .628" spacer.

Four (4) Friction Disc Forward Clutch (Aluminum or Steel Piston)

Stack-up is the same method as OE. Start with .060" steel plate and end with friction disc. Use five steel plates and five friction discs.

Five (5) Friction Disc Forward Clutch (Aluminum or Steel Piston)

Stack-up is the same method as OE. Start with .090" steel plate and alternate friction disc and .060 steel plates. End with a friction disc. Use six steel plates and six friction discs.

Check clutch pack clearance from the top of the friction disc to the bottom of the pressure plate ledge, using a feeler gauge. Clearance should be .040" - .055" (1.02mm - 1.40mm).