



ZF8HP45, ZF8HP50/Z, ZF8HP51 2010-On "D" Clutch Hi-Performance G3™ PowerPack®

Alto # 215756 "D" Clutch PowerPack®

KIT CONTENTS:

QTY	Part #	Description	Spec
x5	215706A157	G3™ Friction Disc	(.062" / 1.57mm)
x5	215707-180	Steel Disc	(.071" / 1.80mm)
x1	215766	Stepped Pressure Plate	(.118"/.260" [3.0/6.6mm])

Snap ring not included



This kit is intended for use with an OEM P4 Planet Drum, originally with 4 Frictions, 4 Steels

The stack up of this PowerPack® follows the same process of the OEM stack up, but 1 extra friction, 1 extra steel, and a new stepped pressure plate will be added. The addition of an extra friction disc will increase the holding power of the clutch pack when it's engaged. The redesigned stepped pressure plate is .118" thickness at the snap ring land but is stepped up to .260" thickness (55% thicker) across the remaining 70% of the plate, this will prevent flexing and clutch pack burnup issues that exist in these applications with the thin OEM pressure plate.

ATF Recommendation:

Always pre-soak the frictions in the type of ATF recommended by the OEM for at least 30 minutes.

Installation Instructions:

Start by re-installing the OEM wave plate, install a .071" steel against the apply piston, then install a .062" friction. Continue alternating steel and friction plates ending with a friction plate. Install the 118"/.260" stepped pressure plate and OEM .086" snap ring.

If a more positive or immediate engagement is preferred for Heavy Duty or Performance applications remove the OEM wave plate and start the stack up with a .071" steel.

Clearance:

Option 1 (without Wave): Setup a dial indicator, place the pin on top of the pressure plate and set the dial to 0. Apply air to the clutch pack through the passage in the Output Shaft P4 Planet or lift the clutch pack manually. Clearance should measure .049" to .069" (1.24-1.75mm).

Option 2 (with Wave): Setup a dial indicator, place the pin on top of the pressure plate and set the dial to 0. Apply air to the clutch pack through the passage in the Output Shaft P4 Planet or lift the clutch pack manually. Clearance should measure .013" to .033" (0.33-0.84mm).