

High Capacity 4-5-6 Clutch Apply Piston Kit

Part No.

104960-10K

- Apply Piston
- Piston Dam
- Apply Plate
- Backing Plate

Patent Pending



NOTE: Use with OE 36 tooth clutches and OE steels.

GM 6L80, 6L90



1. Clutch Assembly Information

OE recommended clutch clearance is .008–.012" per friction. See list of selective retaining rings for adjusting clutch clearance (**Figure 1**).

2. Disassembly

- Dismantle 4-5-6 clutch assembly using OEM recommended methods and procedures.
- Discard OE apply piston, piston dam, waved plate and backing plate. Set aside remaining components for reuse.

3. Installation & Assembly (Refer to **Figure 2** on page 2)

- Install Sonnax apply piston into housing assembly.
- Reinstall OE clutch return spring.
- Install Sonnax piston dam. Using appropriate tools, compress piston dam just far enough to allow OE piston dam retaining ring installation.



WARNING: Use care to avoid damaging inner and outer sealing lips on piston dam. Compressing the piston dam too far will cause inner seal lip damage.

- Install Sonnax piston apply plate (**Figure 2**). Do NOT install OE waved plate.
- Assemble 4-5-6 clutch pack with one additional OE thickness friction plate.
- Install Sonnax backing plate.
- Reinstall or replace OE backing plate retaining ring.



NOTE: OE retaining ring is selective and is available in varying thicknesses to allow for proper setting of clutch clearance (**Figure 1**).

Backing Plate Selective Retaining Rings

Figure 1

GM Part No.	Thickness	Color
24233407	.063–.067"	Yellow
24233408	.080–.083"	None
24233406	.096–.100"	Purple

Figure 2

