HIGH PERFORMANCE TRANSMISSION PARTS

Instructions

## GM 6L80, 6L90

# 4-5-6 Clutch Apply Piston Kit

### Part No.

## 104960-01K

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

Patent Pending



#### 1. Disassembly

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

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

- a. Install Sonnax apply piston into housing assembly.
- b. Reinstall OE clutch return spring.
- c. 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.

- d. Install Sonnax piston apply ring (Figure 2).
- e. Reinstall or replace OE waved plate, steel plates and frictions following OEM-recommended methods and procedures.
- f. Install Sonnax backing plate.
- g. 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

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GM Part No.	Thickness	Color I.D.
24233407	.063–.067"	Yellow
24233408	.080083"	None
24233406	.096–.100"	Purple

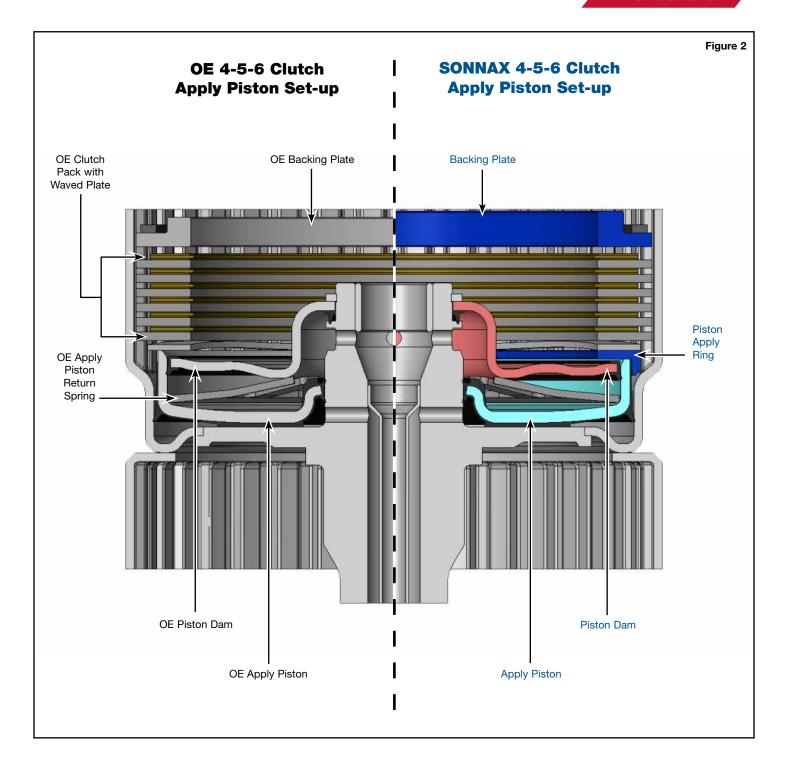
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4-5-6 CLUTCH APPLY PISTON KIT 104960-01K

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