

Smart-Tech® Input Shaft & Piston Kit

Part No.

22121B-02K

- Input Shaft w/Extended Hub
- Direct Clutch Piston w/Anti-Rotation Tabs
- Steel Clutch Plate .068" w/Missing Lugs

Chrysler 47RE, 47RH, 48RE



1. 48RE 5-Clutch Direct Drum

- Assemble Sonnax direct clutch piston using normal procedures.
- Place Sonnax steel clutch plate (.068") against Sonnax direct clutch piston; orient plate's missing lugs over piston's anti-rotation tabs (**Figure 1**).
- Assemble clutch pack with one additional OE thickness friction for a total of six (.085" frictions & five (.085") steel plates.
- Check clutch clearance. OE specification is .098-.161". With this kit, clearance will be near the low end of OE specification.

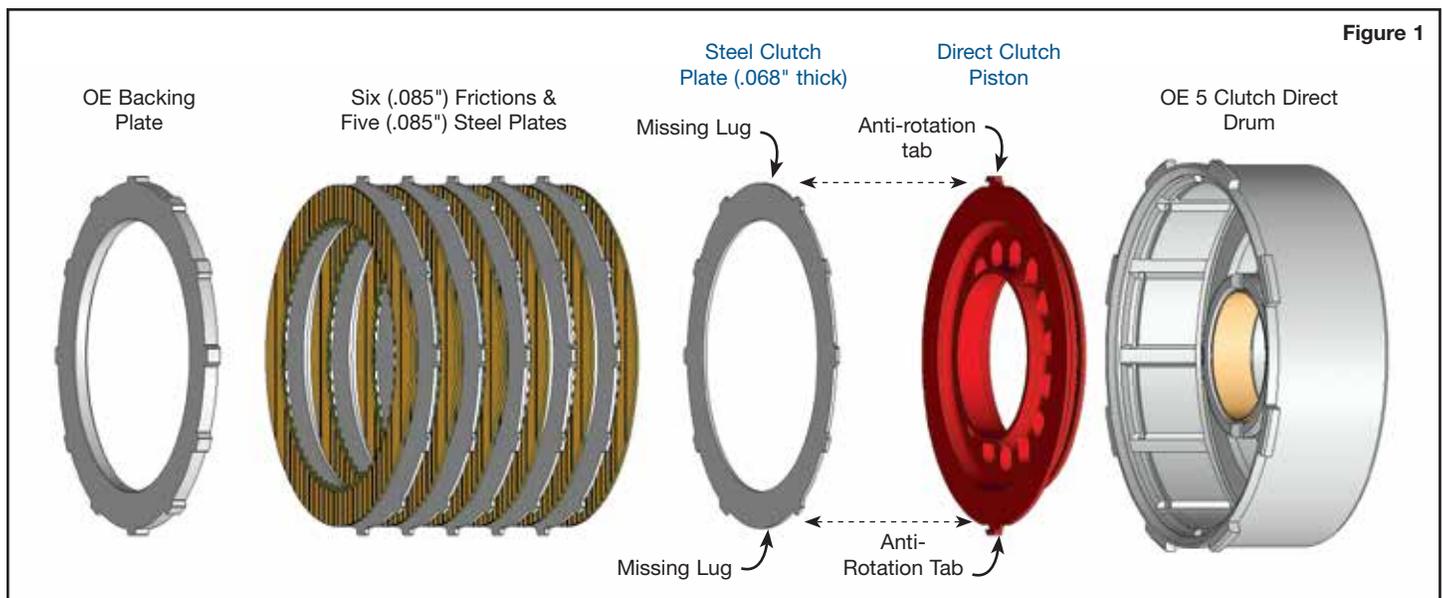


Figure 1

2. 47RE/RH 4-Clutch Direct Drum

- Assemble Sonnax direct clutch piston using normal procedures.
- Place Sonnax steel clutch plate (.068") against Sonnax direct clutch piston; orient plate's missing lugs over piston's anti-rotation tabs (**Figure 2**).
- Assemble clutch pack with one additional OE thickness friction for a total of five (.085") frictions & four (.085") steel plates.
- Check clutch clearance. OE specification is .070–.129". With this kit, clearance will be near the low end of OE specification.

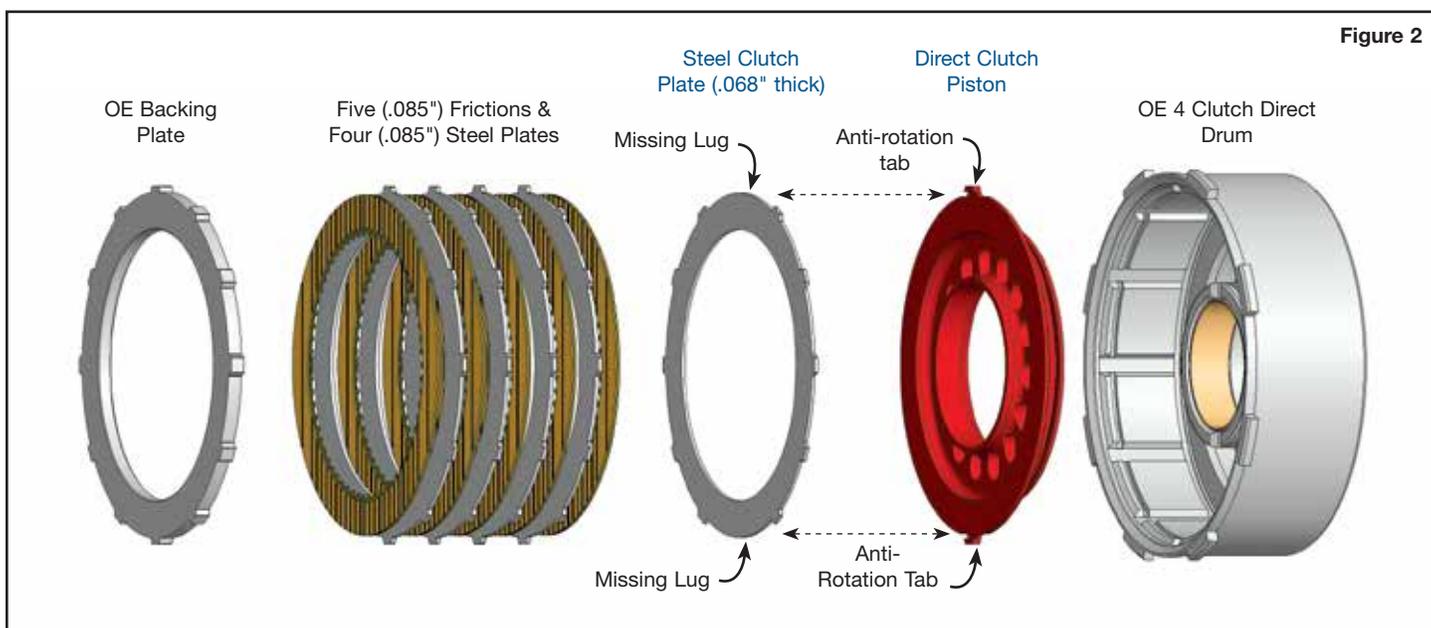


Figure 2

3. Alternate Clutch Selection

The extended hub and thinner billet direct clutch piston increase overall clutch pack distance between piston and backing plate, allowing a variety of combinations of friction plates and steels. The chart below lists some that are available.

Friction Plates	.095" Thick
	.085" Thick
	.064" Thick
	.061" Thick
Steel Plates	.068" Thick
	.070" Thick
	.085" Thick
	.090" Thick