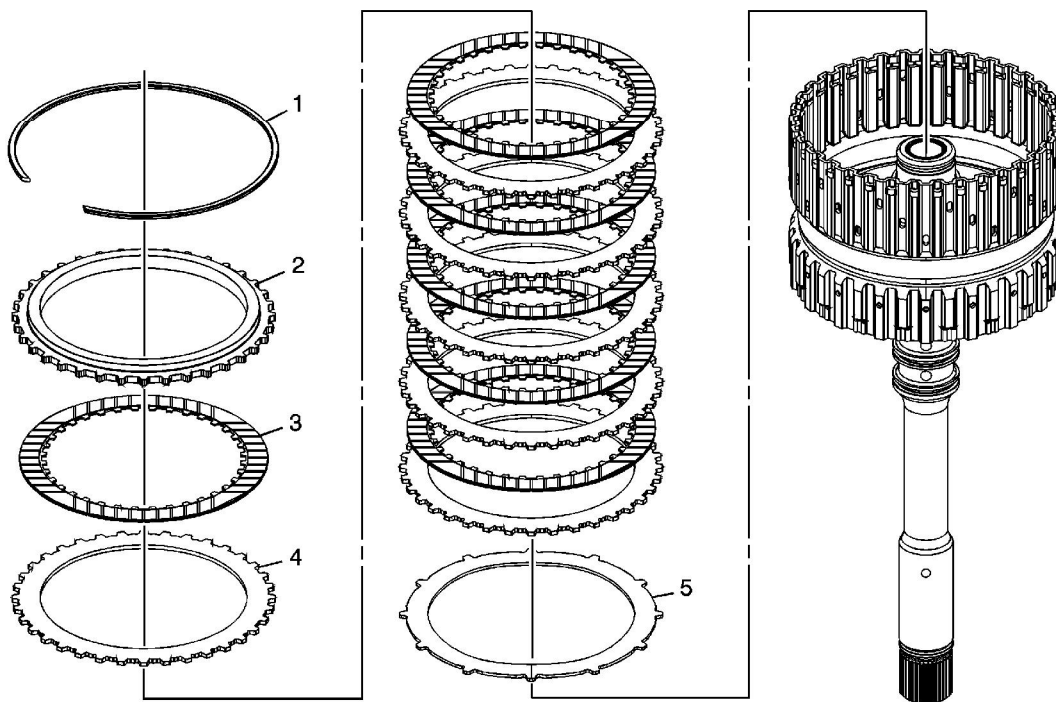


## 4-5-6 Clutch Overhaul (6L80)

- Table 1: [4-5-6 Clutch Plates Removal](#)
- Table 2: [4-5-6 Clutch Piston Removal](#)
- Table 3: [Turbine Shaft Fluid Seal Ring Replacement](#)
- Table 4: [4-5-6 Clutch Piston Installation](#)
- Table 5: [4-5-6 Clutch Plates Installation](#)

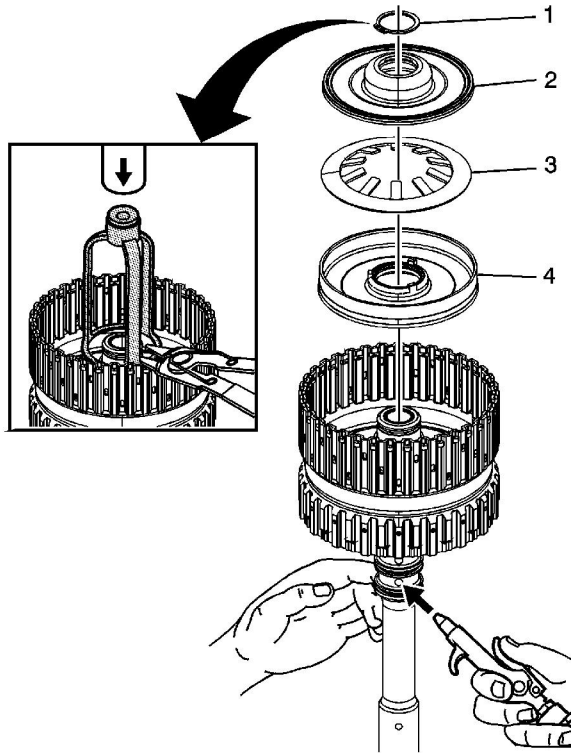
### 4-5-6 Clutch Plates Removal



#### 4-5-6 Clutch Plates Removal

Callout	Component Name
1	4-5-6 Clutch Backing Plate Retaining Ring
2	4-5-6 Clutch Backing Plate
3	4-5-6 Clutch Plate Assembly (Qty: 6)
4	4-5-6 Clutch Plate (Qty: 6)
5	4-5-6 Clutch (Waved) Plate

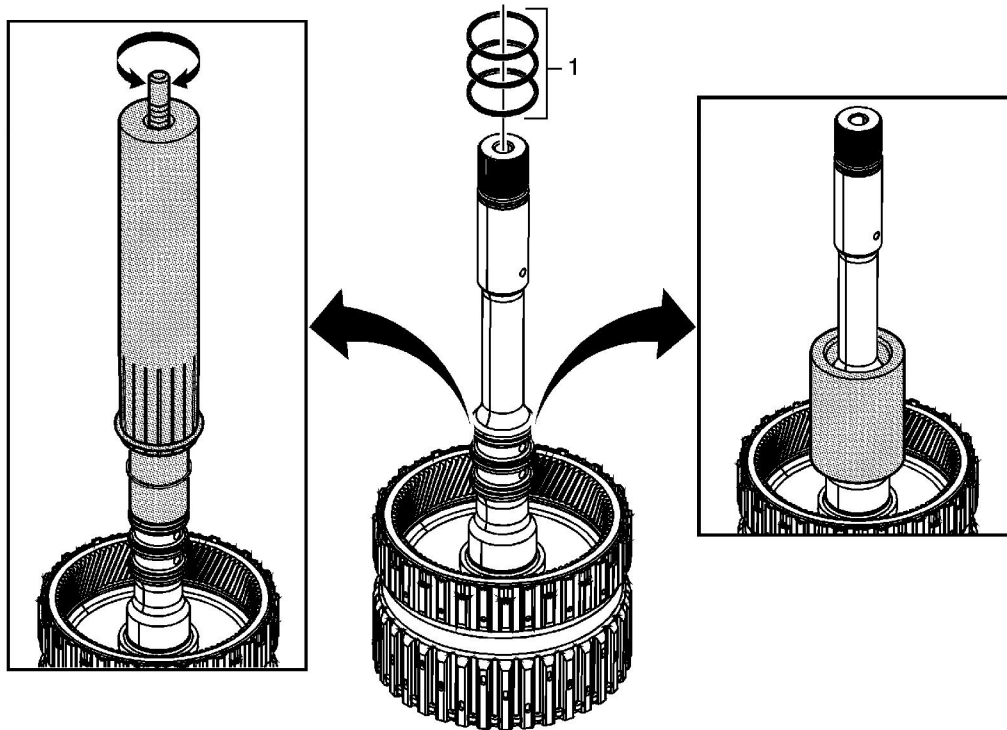
### 4-5-6 Clutch Piston Removal



### 4-5-6 Clutch Piston Removal

Callout	Component Name
1	4-5-6 Clutch Piston Dam Retaining Ring  <b>Caution:</b> Use care when compressing the 4-5-6 clutch piston assembly, spring and dam assembly. Compressing the dam assembly too much may damage it.  <b>Caution:</b> Refer to <a href="#">Retaining Ring Reuse Caution</a> in the Preface section.  <b>Special Tool</b>  <a href="#">J 43074</a> Clutch Spring Compressor
2	4-5-6 Clutch Piston Dam Assembly  <b>Tip</b> It may be necessary to apply air pressure to remove the dam and piston.
3	4-5-6 Clutch Spring
4	4-5-6 Clutch Piston Assembly  <b>Tip</b> It may be necessary to apply air pressure to remove the piston.

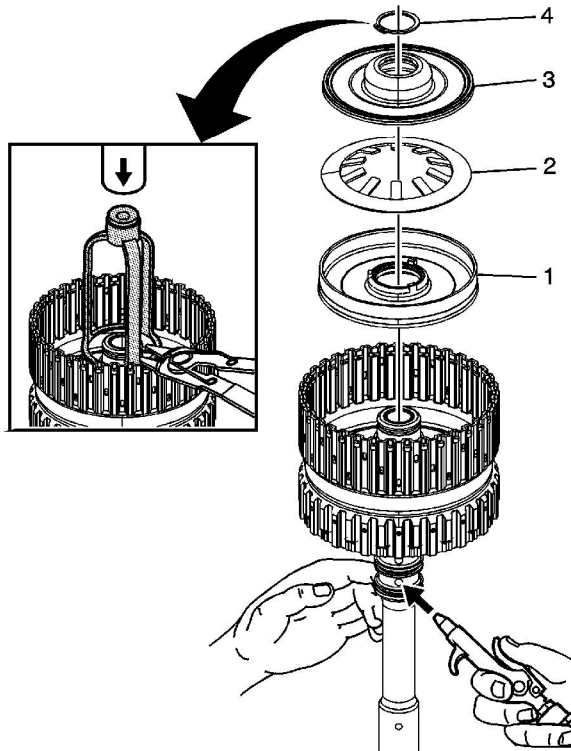
### Turbine Shaft Fluid Seal Ring Replacement



### Turbine Shaft Fluid Seal Ring Replacement

Callout	Component Name
<p><b>Preliminary Procedures</b></p> <ul style="list-style-type: none"> <li>• Inspect the turbine shaft fluid passages and splines.</li> <li>• Clean any plugged passages.</li> </ul>	
<p>1</p>	<p>Turbine Shaft Fluid Seal Ring (Qty: 3)</p> <p><b>Caution:</b> Do not use old seal rings. Install NEW seal rings. Reusing old seal rings may cause internal transmission leaks and transmission damage.</p> <p><b>Caution:</b> Size the fluid seal rings for at least 5 minutes after installation to obtain proper seal ring size. Failure to do so may cause internal transmission leaks and transmission damage.</p> <p><b>Tip</b> Adjust the turn screw on <a href="#">DT 47768-1</a> and install the bottom seal ring first.</p> <p><b>Special Tools</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DT 47768-1</a> Seal Protector</li> <li>• <a href="#">DT 47768-2</a> Seal Pusher</li> <li>• <a href="#">DT 47768-3</a> Seal Sizer</li> </ul>

### 4-5-6 Clutch Piston Installation



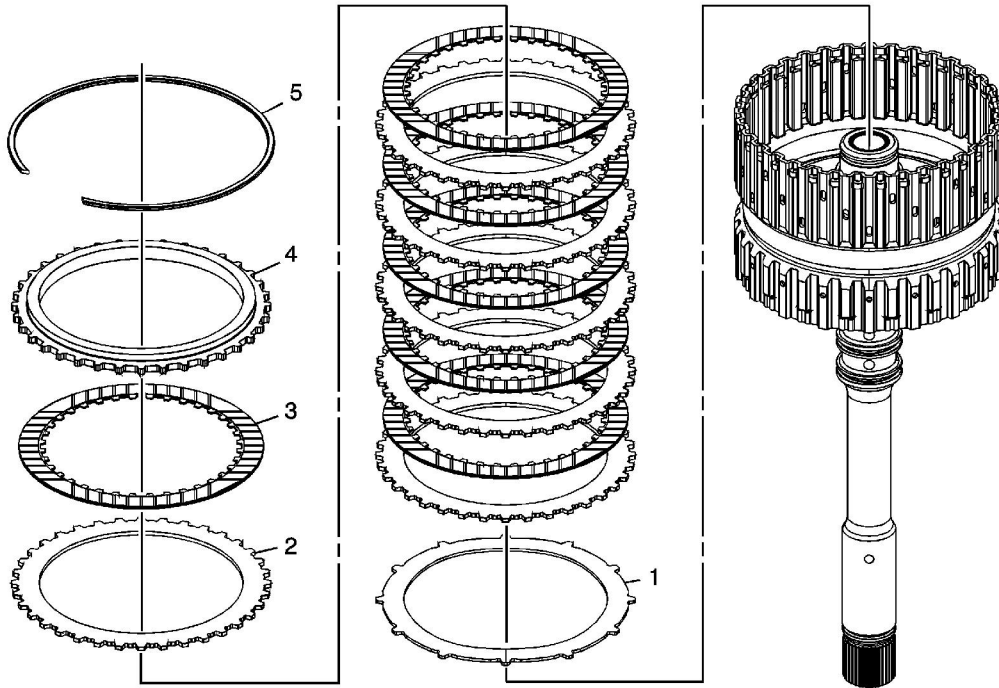
### 4-5-6 Clutch Piston Installation

Callout	Component Name
1	4-5-6 Clutch Piston Assembly
2	4-5-6 Clutch Spring <b>Caution:</b> Ensure the spring tabs are facing up during installation. Failure to do so may cause damage to the clutch assembly.
3	4-5-6 Clutch Piston Dam Assembly <b>Tip</b> Lubricate the inner and outer sealing surfaces of the dam assembly with automatic transmission fluid (ATF) in order to ease installation into the piston.
4	4-5-6 Clutch Piston Dam Retaining Ring <b>Caution:</b> Use care when compressing the 4-5-6 clutch piston assembly, spring and dam assembly. Compressing the dam assembly too much may damage it. <b>Caution:</b> Refer to <a href="#">Retaining Ring Reuse Caution</a> in the Preface section. <b>Tip</b> Apply air to verify proper installation of all 4-5-6 clutch components. The piston should apply and release smoothly.

**Special Tool**

[J 43074](#) Clutch Spring Compressor

**4-5-6 Clutch Plates Installation**



**4-5-6 Clutch Plates Installation**

Callout	Component Name
1	4-5-6 Clutch (Waved) Plate
2	4-5-6 Clutch Plate (Qty: 6)
3	4-5-6 Clutch Plate Assembly (Qty: 6)
4	4-5-6 Clutch Backing Plate
5	4-5-6 Clutch Backing Plate Retaining Ring
	<p><b>Tip</b>                      After the retaining ring is installed, determine clutch piston travel in order to verify if the correct selective retaining ring is being used. Refer to <a href="#">4-5-6 Clutch Backing Plate Retaining Ring Measurement</a>.</p>