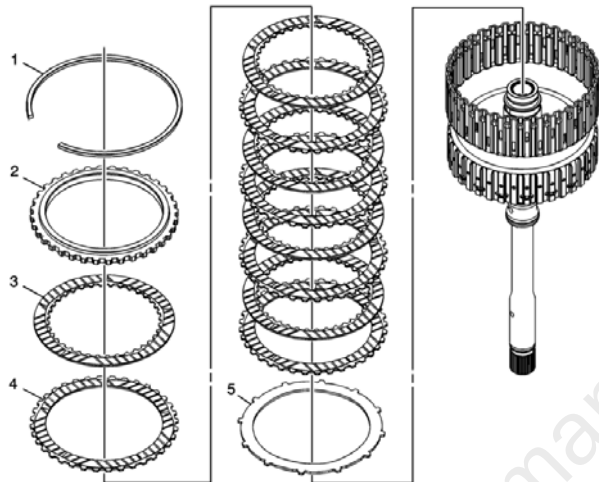


2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

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



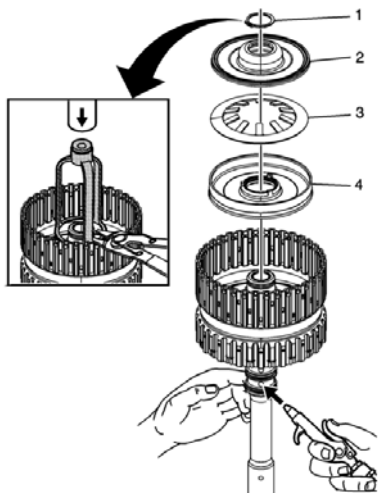
4-5-6 Clutch Plates Removal

Callout

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

Component Name

4-5-6 Clutch Piston Removal



4-5-6 Clutch Piston Removal

Callout

Component Name

4-5-6 Clutch Piston Dam Retaining Ring

Caution: Use care when compressing the 4-5-6 clutch piston assembly, spring and dam assembly. Compressing the dam assembly too much may damage it.

1

Caution: Refer to Retaining Ring Reuse Caution.

Special Tool

DT 43074 Clutch Spring Compressor

For equivalent regional tools, refer to Special Tools.

2

4-5-6 Clutch Piston Dam Assembly

Note: It may be necessary to apply air pressure to remove the dam and piston.

3

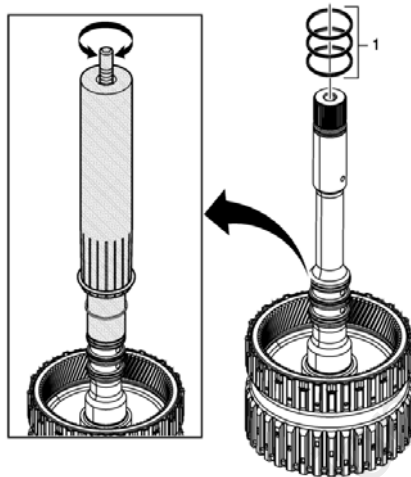
4-5-6 Clutch Spring

4

4-5-6 Clutch Piston Assembly

Note: 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

Preliminary Procedures

1. Inspect the turbine shaft fluid passages and splines.
2. Clean any plugged passages.

Turbine Shaft Fluid Seal Ring (Qty: 3)

Caution: Do not use old seal rings. Install NEW seal rings. Reusing old seal rings may cause internal transmission leaks and transmission damage.

Procedure

1. Apply DT 36850 transjel lubricant to the seals.
2. Adjust the turn screw on DT-48066-3 seal protector and install the bottom seal ring first using DT-48066-2 seal pusher to push into place.
3. Seals must be sized before torque converter housing and fluid pump assembly installation, refer to 1-2-3-4 and 3-5 Reverse Clutch Assembly and 4-5-6 Clutch Assembly Installation (6L45/6L50).

1

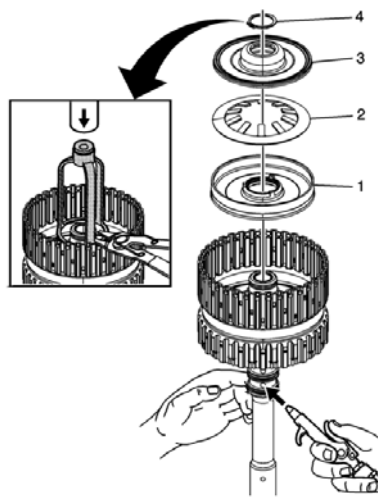
Note: Place your thumb at the bottom of each groove during seal installation to protect the seal from over-travel.

Special Tools

- DT 36850 Transjel Lubricant
- DT-48066-2 Seal Pusher
- DT-48066-3 Seal Protector

For equivalent regional tools, refer to Special Tools.

[4-5-6 Clutch Piston Installation](#)



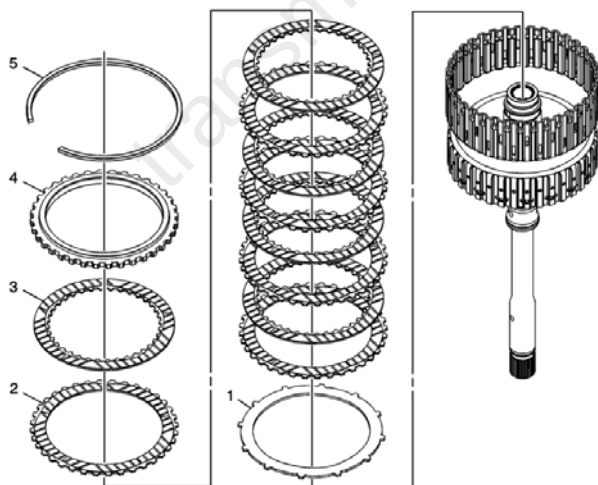
4-5-6 Clutch Piston Installation

Callout

Component Name

- | | |
|---|---|
| 1 | 4-5-6 Clutch Piston Assembly |
| 2 | 4-5-6 Clutch Spring
Caution: 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
Note: 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
Caution: Use care when compressing the 4-5-6 clutch piston assembly, spring and dam assembly. Compressing the dam assembly too much may damage it.
Caution: Refer to Retaining Ring Reuse Caution.
Note: Apply air to verify proper installation of all 4-5-6 clutch components. Piston should apply and release smoothly.
Special Tool
DT 43074 Clutch Spring Compressor
For equivalent regional tools, refer to Special Tools. |

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: 5) |
| 3 | 4-5-6 Clutch Plate Assembly (Qty: 5) |

Callout

Component Name

4

4–5–6 Clutch Backing Plate

4–5–6 Clutch Backing Plate Retaining Ring

5

Note: 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 4-5-6 Clutch Backing Plate Retaining Ring Measurement.