

Your Ultimate Source for OEM Repair Manuals

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2017 JEEP Grand Cherokee OEM Service and Repair Workshop Manual

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1 - Clutch B Damper Spring

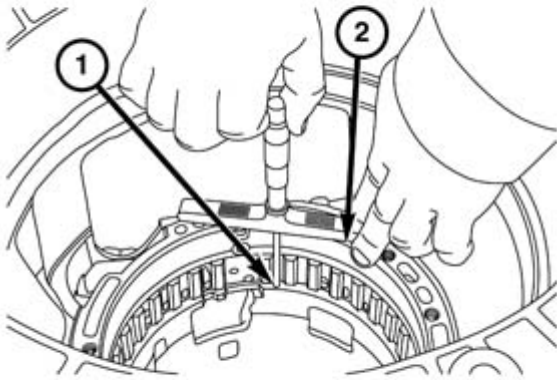
12. Install the Clutch B damper spring on the Clutch B piston.
13. Install the transmission oil pump ([Refer to Transmission and Transfer Case/Automatic/PUMP, Transmission Oil/Removal and Installation](#))(Refer To List 1).

CLUTCH B - DISASSEMBLY AND ADJUSTMENTS

CLUTCH B MEASUREMENT PROCEDURE

NOTE

When the Clutch B is replaced, the proper selectable shim must be installed to achieve specified clearance.



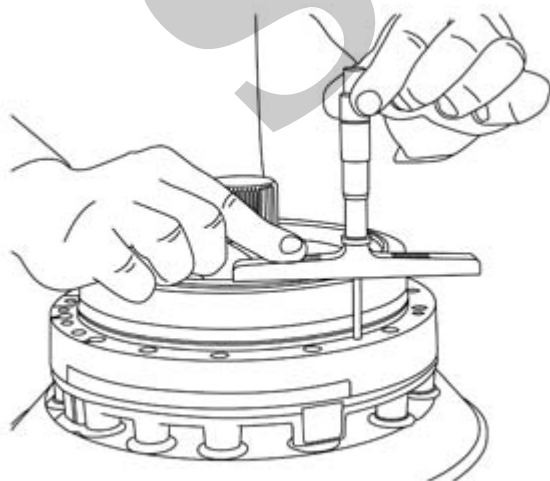
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1 - Clutch B Retainer

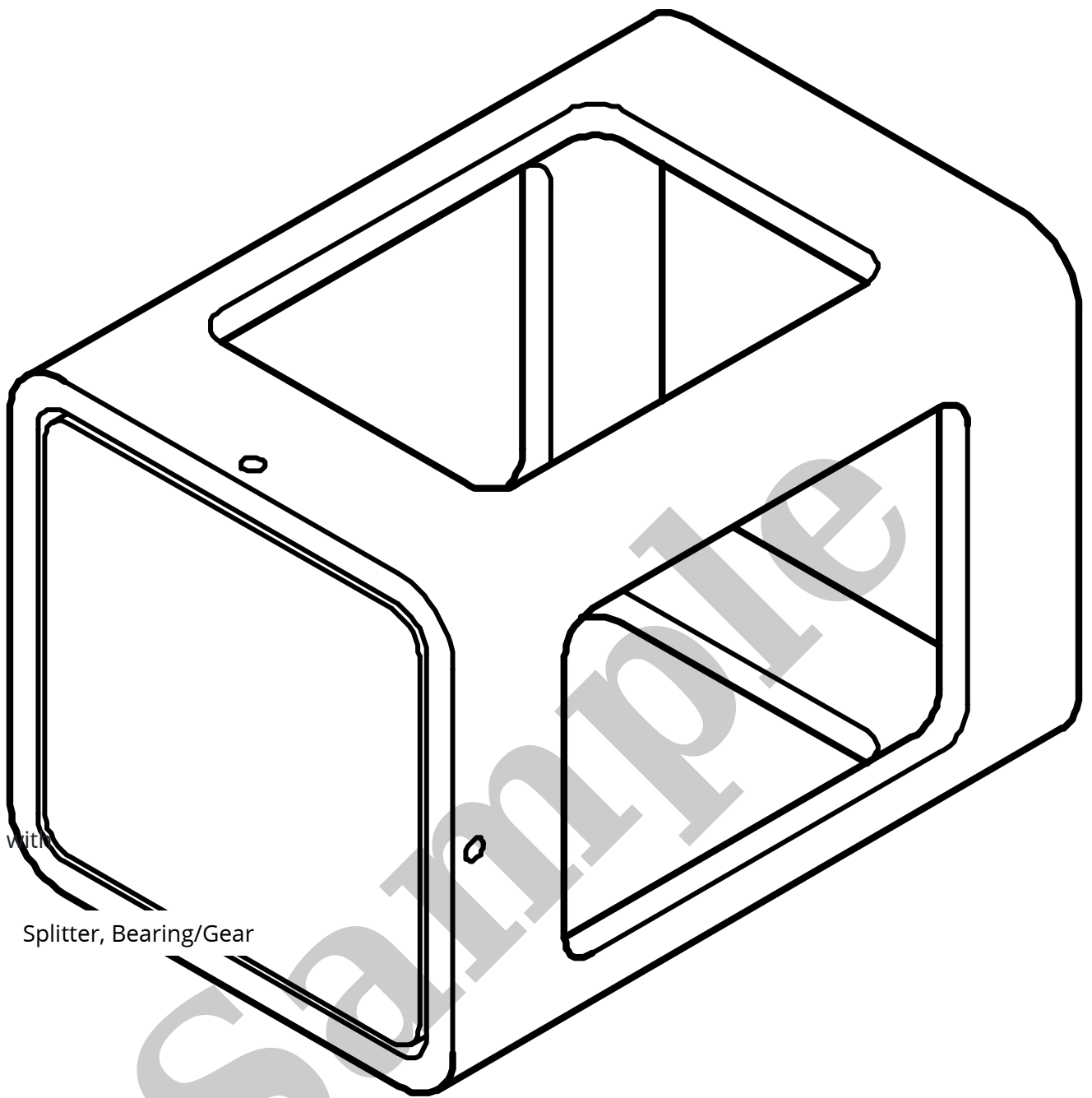
2 - Transmission Oil Pump

5. With a suitable depth micrometer, place it at the mounting surface of the transmission oil pump and measure to the base of the Clutch B retainer on the case. This measurement should be 61.05 mm.

Record the measurement as (B) to calculate the Clutch B clearance in order to determine the correct selectable shim thickness.



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4 - Bearing/Gear Splitter

2. Install the backing plate first, bevel down.
3. Install the Clutch B plates. If equipped with wave springs, install the first friction plate on the backing plate, then install a wave spring (it will lay just outside the diameter of the friction plate), then a steel plate, and repeat until all plates are installed.
4. Install the Clutch B wave plate.
5. Install the P1 annulus onto the input/output shaft.
6. Install the correct selectable shim onto the P1 annulus.

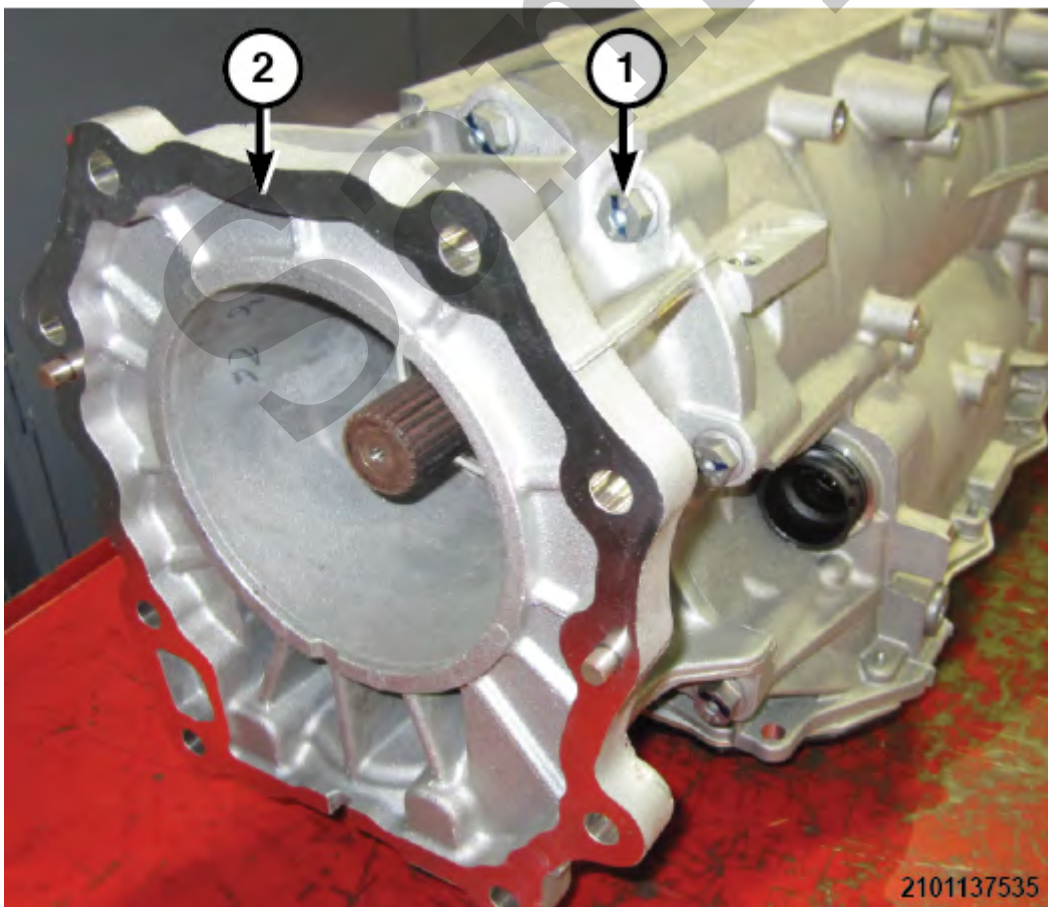
END PLAY - MEASUREMENT AND ADJUSTMENTS

CLUTCH B MEASUREMENT PROCEDURE

NOTE

The proper selectable shim must be installed to achieve specified clearance.

1. Remove the torque converter.



If the end play is not within specification a thinner or thicker selectable shim can be installed to achieve proper end play.

END PLAY SPECIFICATIONS

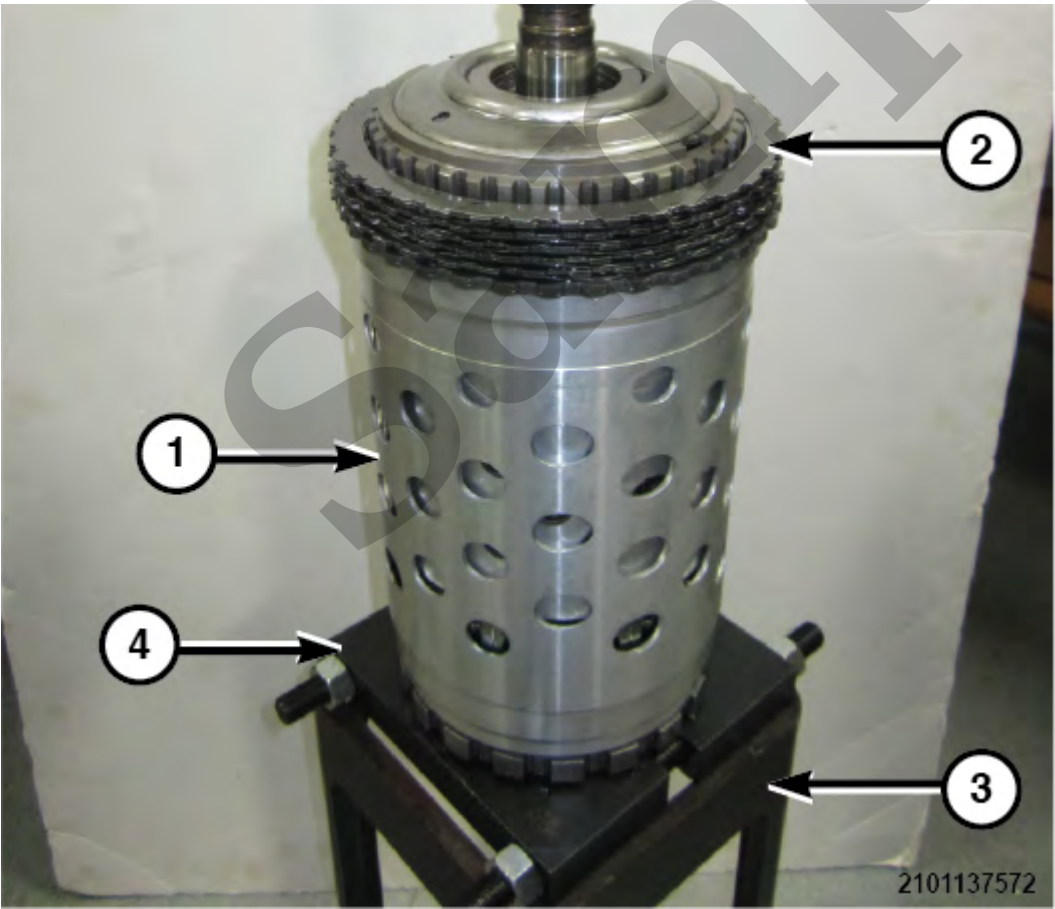
Minimum	Maximum
0.11 mm	0.42 mm
0.0.0043 in.	0.0.0165 in.

END PLAY SELECTABLE SHIMS

NOTE

Check with parts for selectable shim thicknesses and availability.

DISASSEMBLY



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1 - P4 Annulus Drum Assembly

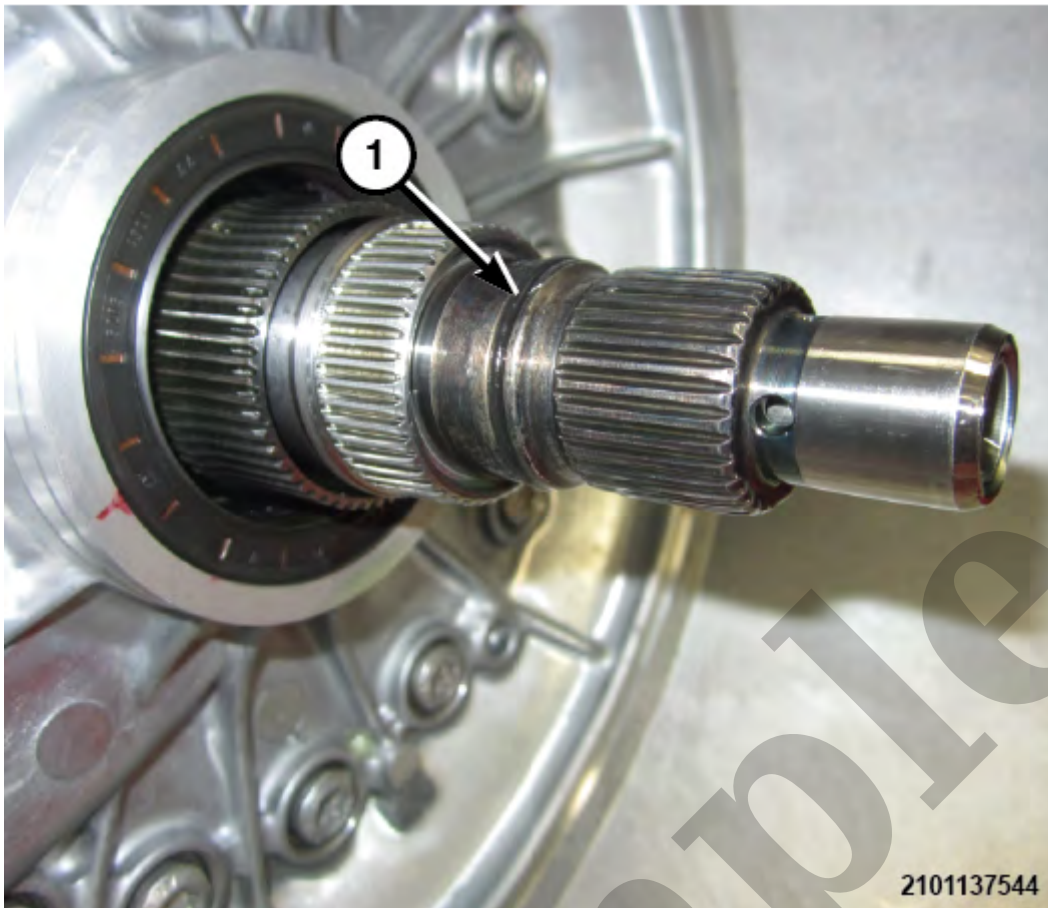


1 - Thrust Bearing
2 - Holding Plate
3 - Selectable Shim

5. Remove the selectable shim from the P1 planetary carrier.

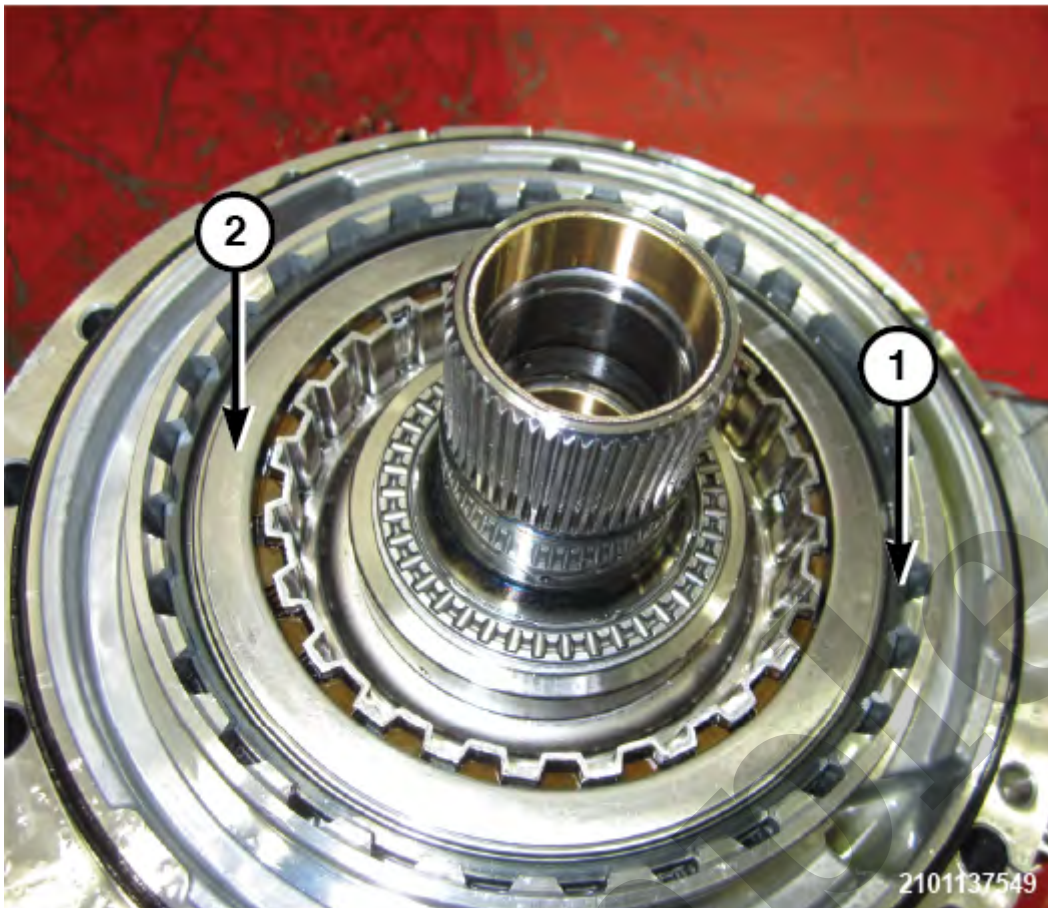
6. Measure the selectable shim and calculate the thickness of the shim to obtain the correct end play.

ASSEMBLY



1 - Input Shaft O-Ring

4. Remove and **DISCARD** the input shaft O-ring using a small pick or equivalent.

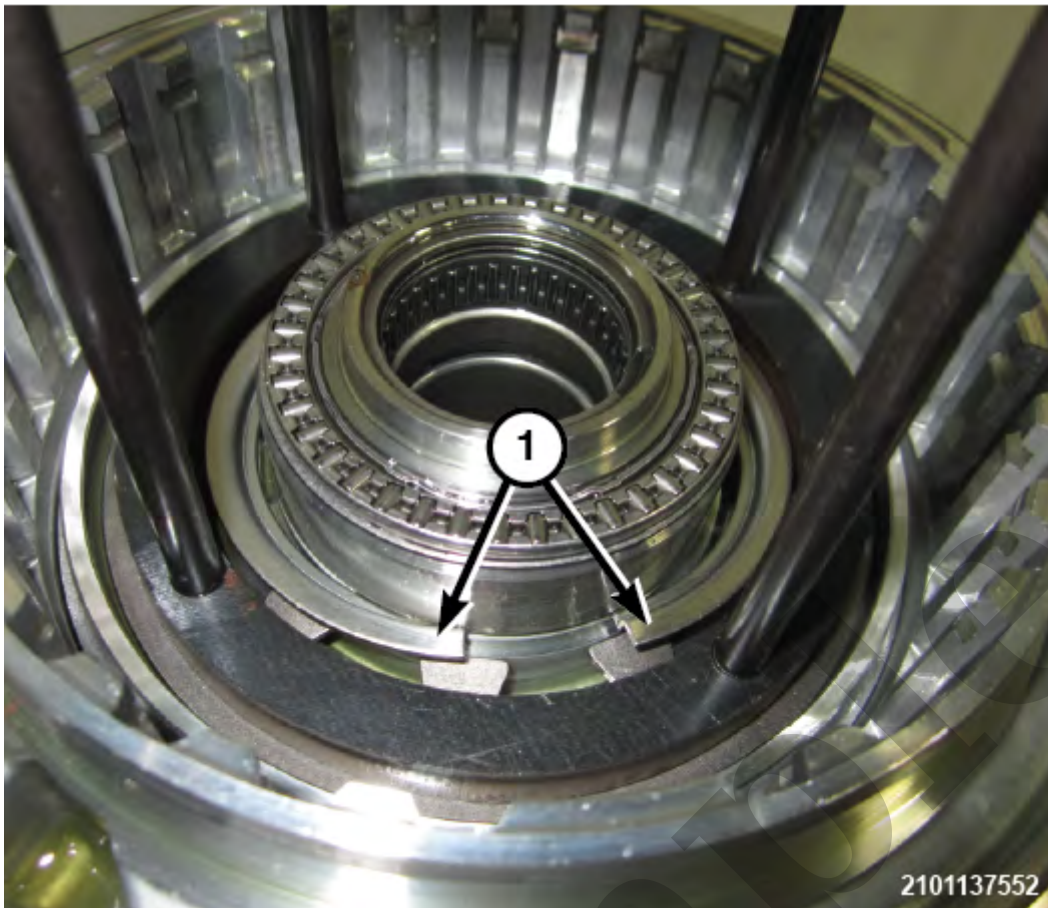


1 - Snap Ring

2 - Clutches and Plates

9. Remove the snap ring.

10. Remove the clutches and plates.



1 - Retaining Ring

14. Remove the two halves of the retaining ring.