
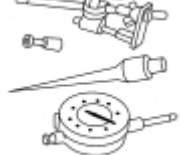





Forward Clutch Assembly

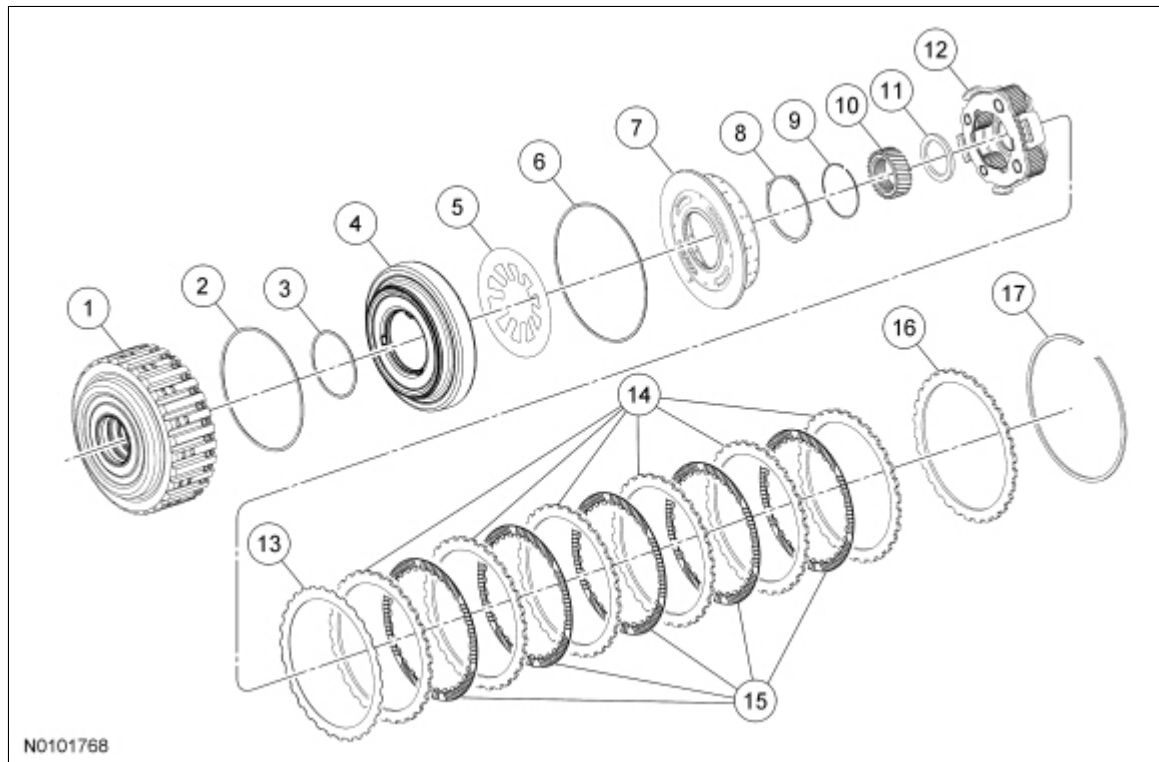
Special Tool(s)

 ST2681-A	Compressor, Clutch Spring 307-525
 ST1214-A	Dial Indicator Gauge with Holding Fixture 100-002 (TOOL-4201-C) or equivalent
 ST2692-A	End Play Gauge, Clutch 307-555

Material

Item	Specification
Motorcraft® MERCON® LV Automatic Transmission Fluid XT-10-QLVC (US); CXT-10-LV12 (Canada)	MERCON® LV

Forward Clutch Assembly (A Clutch)

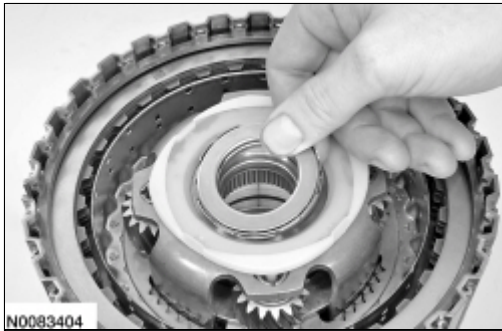


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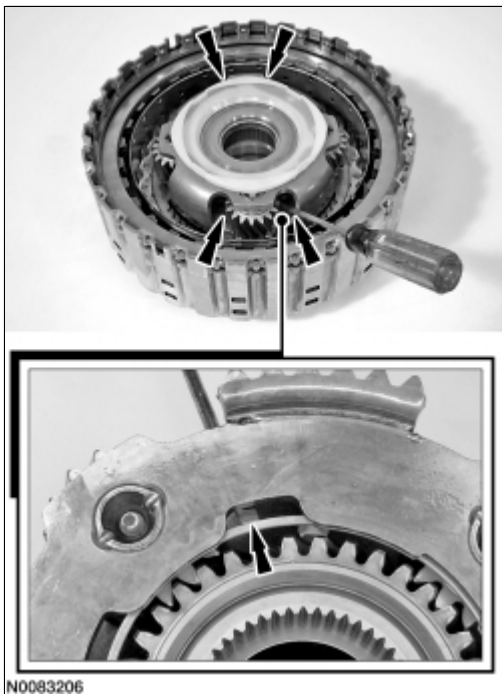
Item	Part Number	Description
1	7A360	Forward clutch drum
2	7A548	Forward clutch piston outer O-ring seal
3	7A548	Forward clutch piston inner O-ring seal
4	7A262	Forward clutch piston
5	7A480	Forward clutch piston return spring
6	7A548	Forward clutch balance dam O-ring seal
7	7H360	Forward clutch balance dam
8	7H365	Forward clutch balance dam retaining ring
9	7H579	Sun gear retaining ring
10	7D063	Sun gear
11	7H375	Bearing (T1)
12	7A398	Planetary gear
13	7E085	Forward clutch cushion spring
14	7E314	Forward clutch external splined steel plates (quantity model dependent)
15	7B164	Forward clutch internal splined friction plates (quantity model dependent)
16	7B066	Forward clutch pressure plate
17	7D483	Forward clutch plate retaining ring

Disassembly

1. If the T2 thrust bearing is on the forward clutch assembly, remove it from the forward clutch assembly.



2. Remove the front planetary carrier and sun gear from the forward clutch assembly.
 - With a small screwdriver or a suitable pick inserted into the front planetary assembly, push on the retaining ring in 4 places while lifting up on the front planetary assembly.



3. Remove the forward clutch pack snap ring.

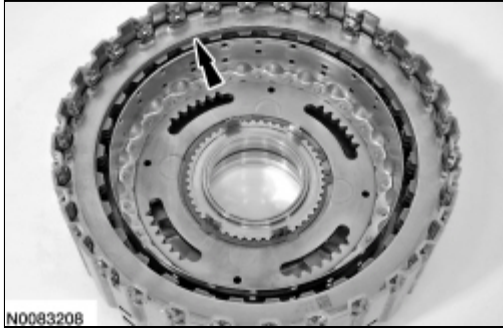


4. **NOTE:** Inspect the forward clutch drum and the friction and steel plates for damage. Install new

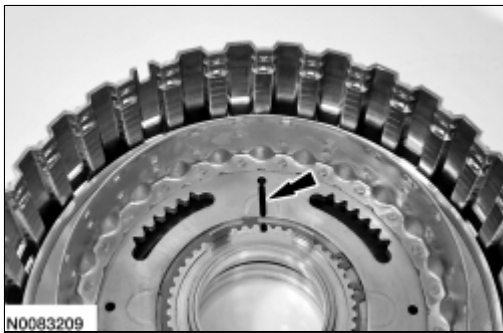
components as necessary.

Remove and inspect the forward clutch steel and friction plates.

- If the plates are damaged, install a new forward clutch assembly.
- If no damage is indicated, the forward clutch may be reassembled.

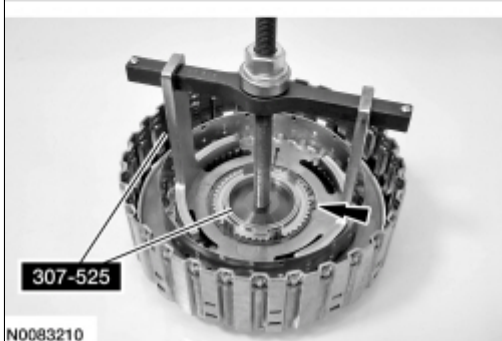
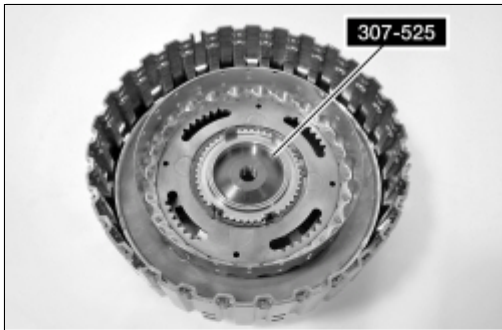


5. For correct alignment during assembly, make an identifying mark on the balance dam and the center part of the housing.

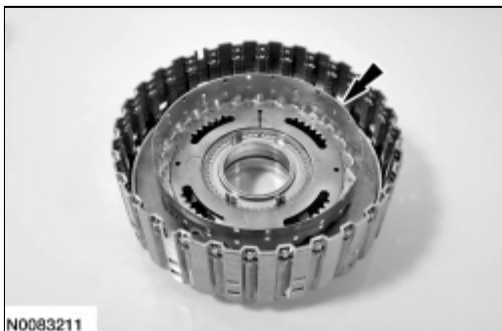


6. **NOTE:** The bottom of the Clutch Spring Compressor will need to be installed from the back side of the forward clutch assembly.

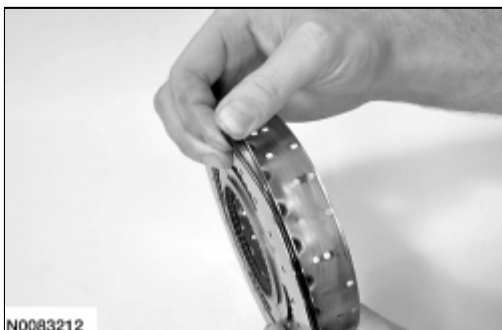
Using the Clutch Spring Compressor, slightly collapse the balance dam to gain access to the retaining ring and remove the retaining ring.



7. Remove the balance dam.



8. Remove and discard the O-ring seal from the balance dam.



9. Remove the forward clutch return spring.