

205-04 Front Drive Halfshafts
Disassembly and Assembly

2019 Ranger
Procedure revision date: 12/13/2018

Front Halfshaft

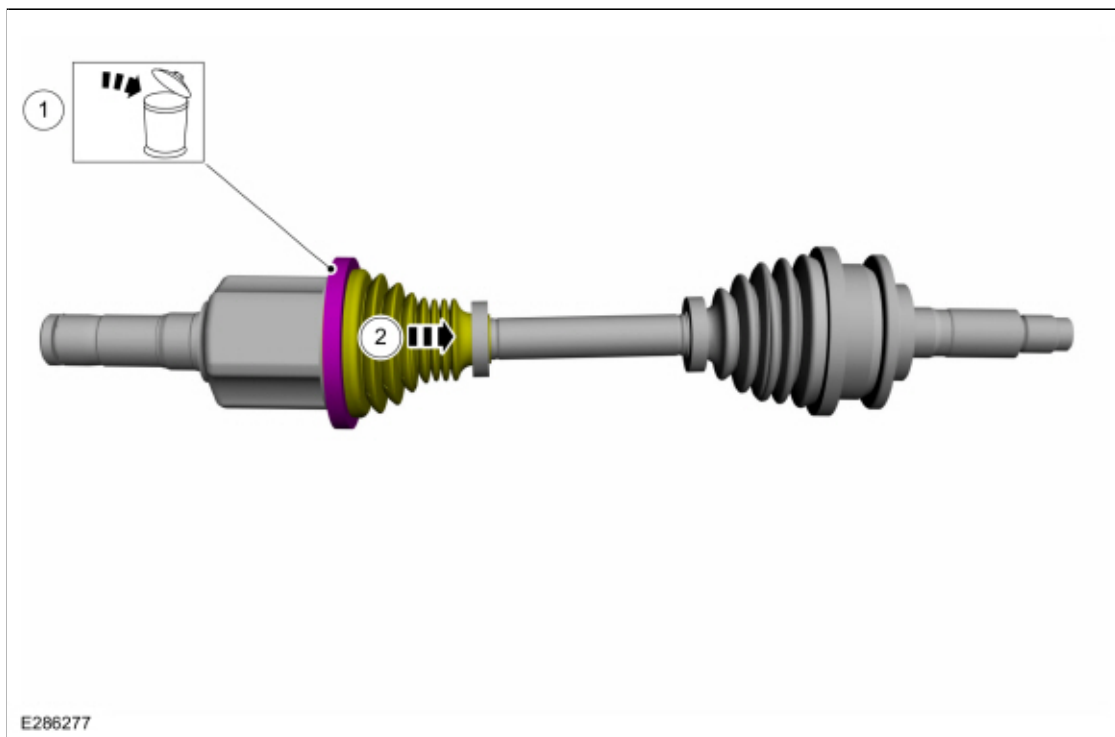
Special Tool(s) / General Equipment

Flat Headed Screw Driver
Boot Clamp Pliers
Rubber Mallet
Puller

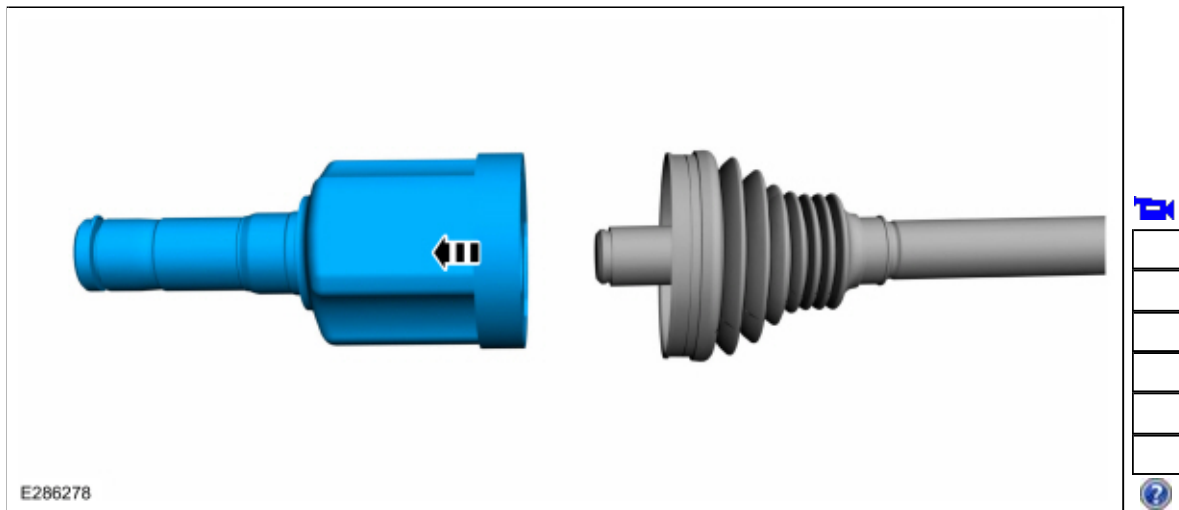
DISASSEMBLY

NOTE: LH side shown, RH side similar.

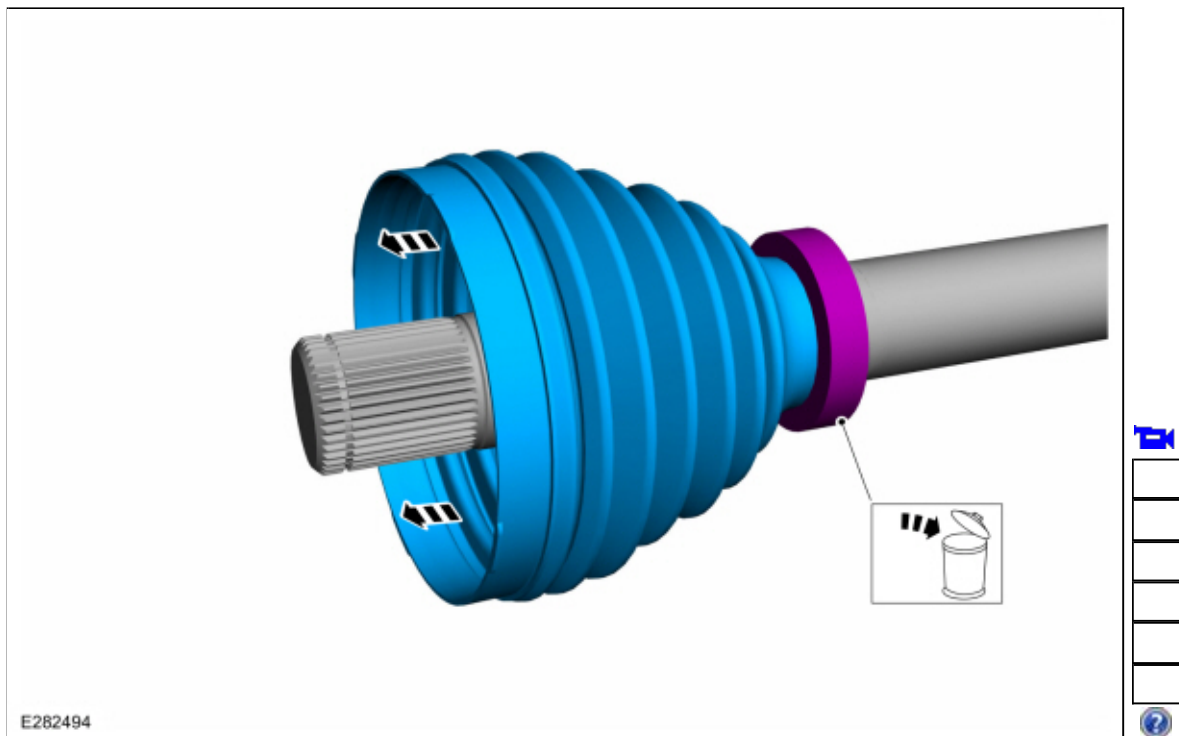
1. Remove the halfshaft.
Refer to: [Front Halfshaft LH](#) (205-04 Front Drive Halfshafts, Removal and Installation).
Refer to: [Front Halfshaft RH](#) (205-04 Front Drive Halfshafts, Removal and Installation).
2. Remove and discard the inner CV boot clamp.



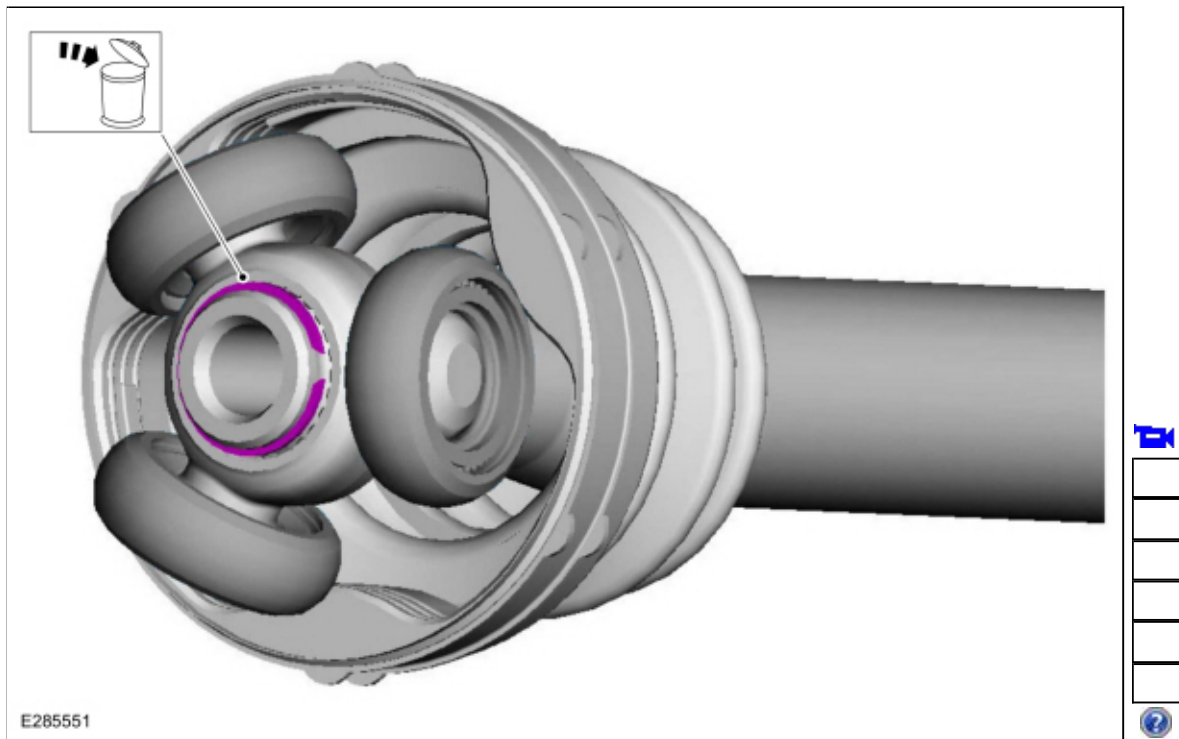
3. Remove the inner CV joint housing.



4. Remove and discard the small clamp and remove the CV joint boot.



5. Remove and discard the inner CV housing retaining ring.



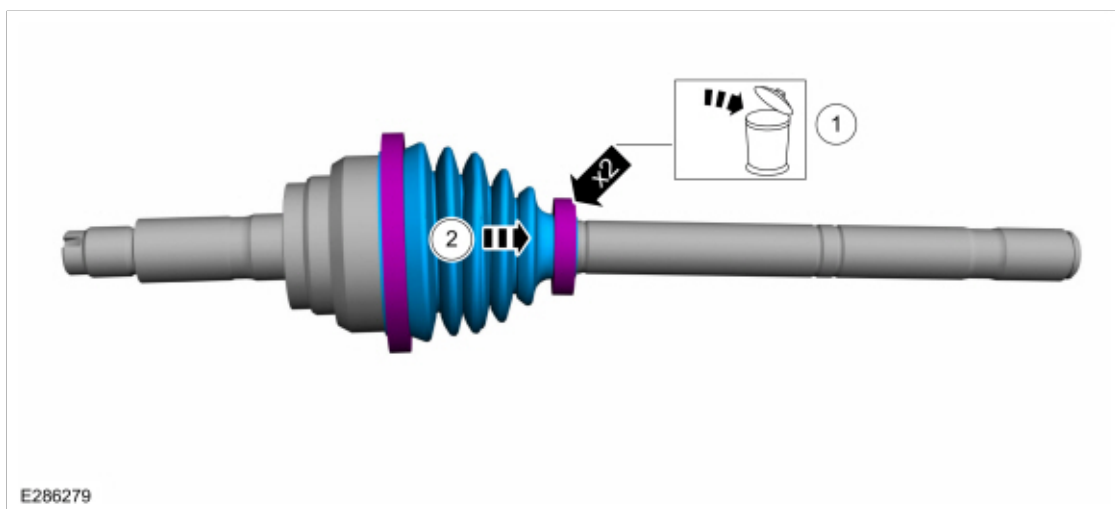
6. **NOTE:** Make sure that the CV joint cage bearings not get damaged.

Using general equipment, remove the CV joint cage.
Use the General Equipment: Puller





- 7.
1. Remove and discard the CV joint boot clamps.
 2. Remove the CV joint boot.

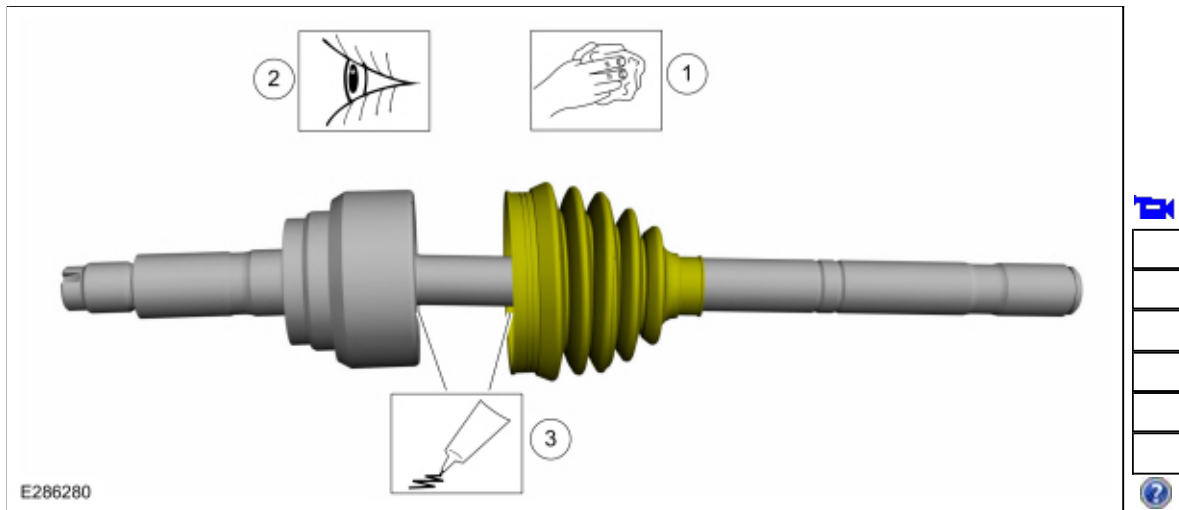


ASSEMBLY

1. **NOTICE:** Outboard joint to shaft connection are not serviceable.

1. Clean and inspect the CV joint cage.
2. Inspect the outer CV joint housing for damage.
3. **NOTE:** Use the grease provided with the boot service kit.

Apply the grease from the sachet evenly in the CV joint boot and housing.



2.

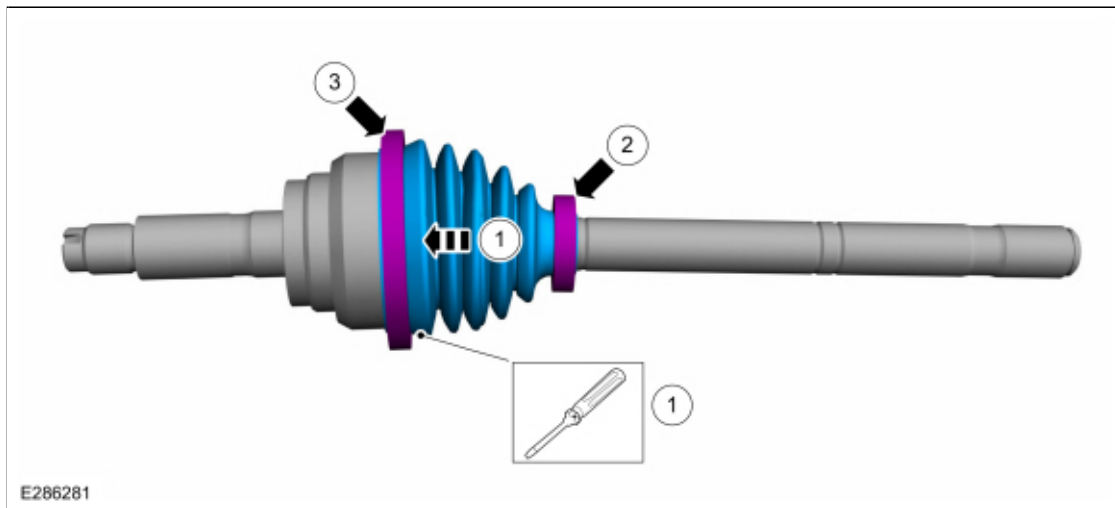
Install the CV joint housing.

1. **NOTE:** When installing the CV joint housing, insert a small flat blade screwdriver under the CV joint boot seat to allow air to escape.

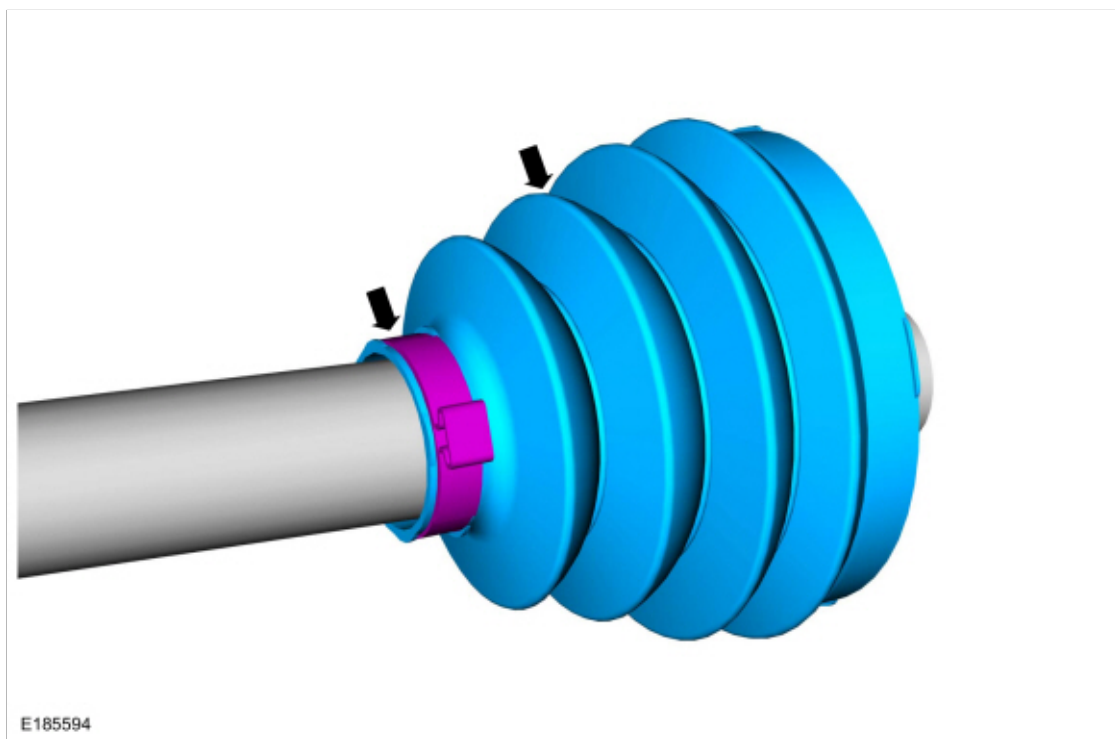
Using a flat blade screw driver to allow air to escape, install the CV joint housing.

Use the General Equipment: Flat Headed Screw Driver

2. Using boot clamp pliers, install the new small CV joint boot clamp.
Use the General Equipment: Boot Clamp Pliers
Torque: 133 lb.in (15 Nm)
3. Using boot clamp pliers, install the new large CV joint boot clamp.
Use the General Equipment: Boot Clamp Pliers
Torque: 15 lb.ft (21 Nm)



3. Using boot clamp pliers, install the new CV joint boot and the new small CV joint boot clamp.
Use the General Equipment: Boot Clamp Pliers
Torque: 133 lb.in (15 Nm)

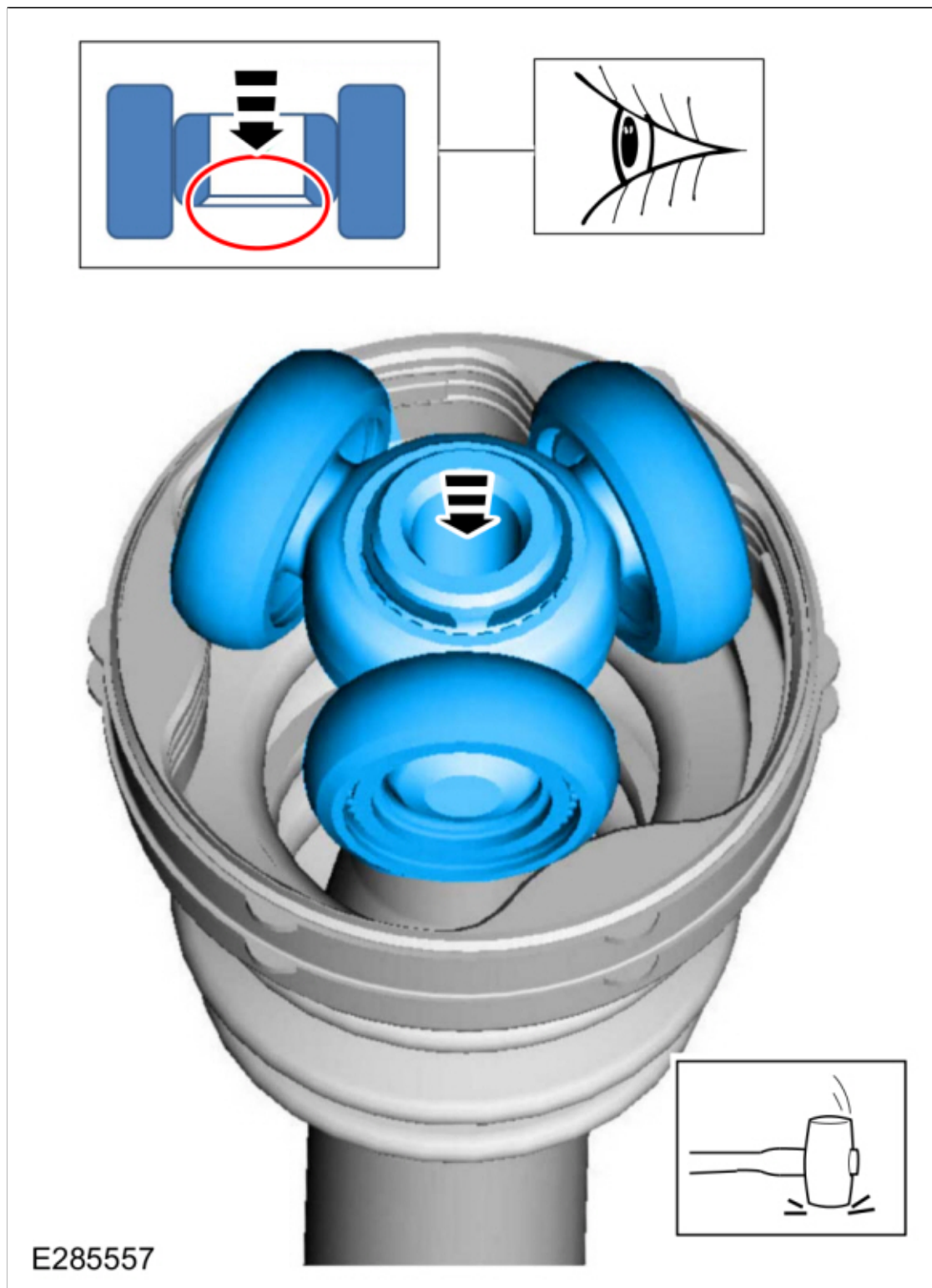


4. **NOTICE:** Install the CV joint cage with the chamfered bore facing down over the shaft or damage to CV joint cage may occur.

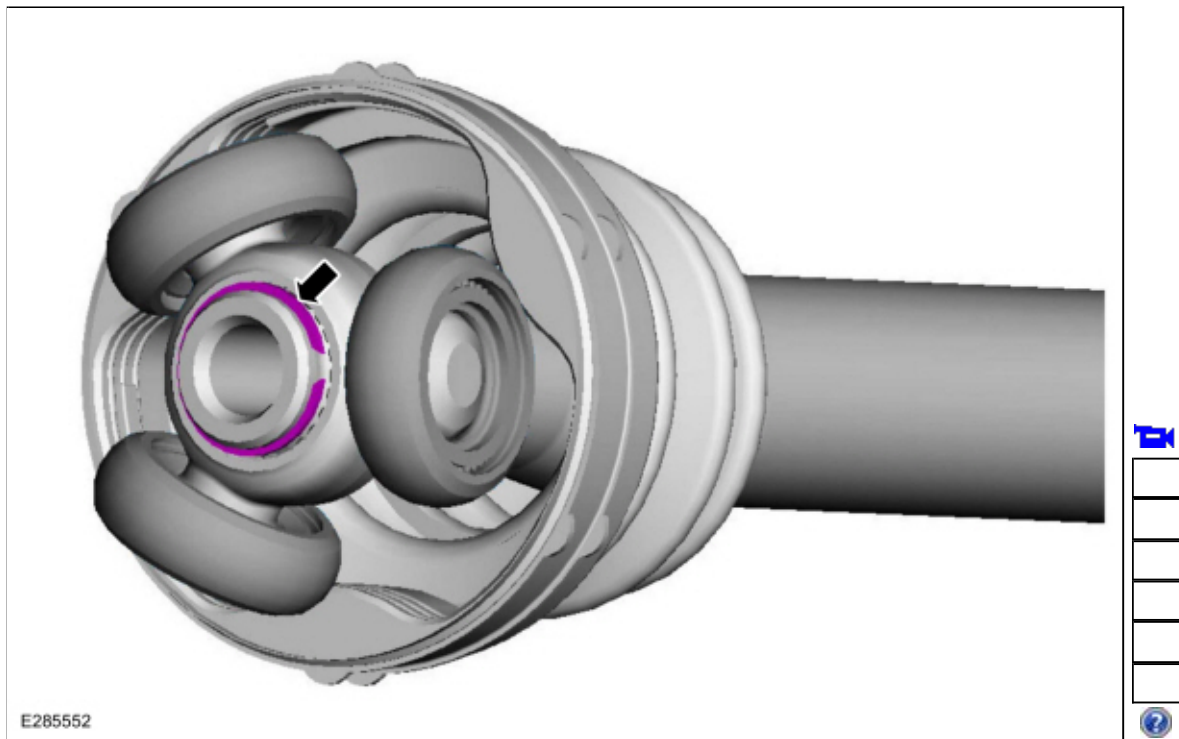
NOTE: Clean and inspect the CV joint cage.

NOTE: The CV joint cage is a snug fit and may need to be tapped on with a soft face mallet.

Using a soft face mallet, install the CV joint cage.
Use the General Equipment: Rubber Mallet

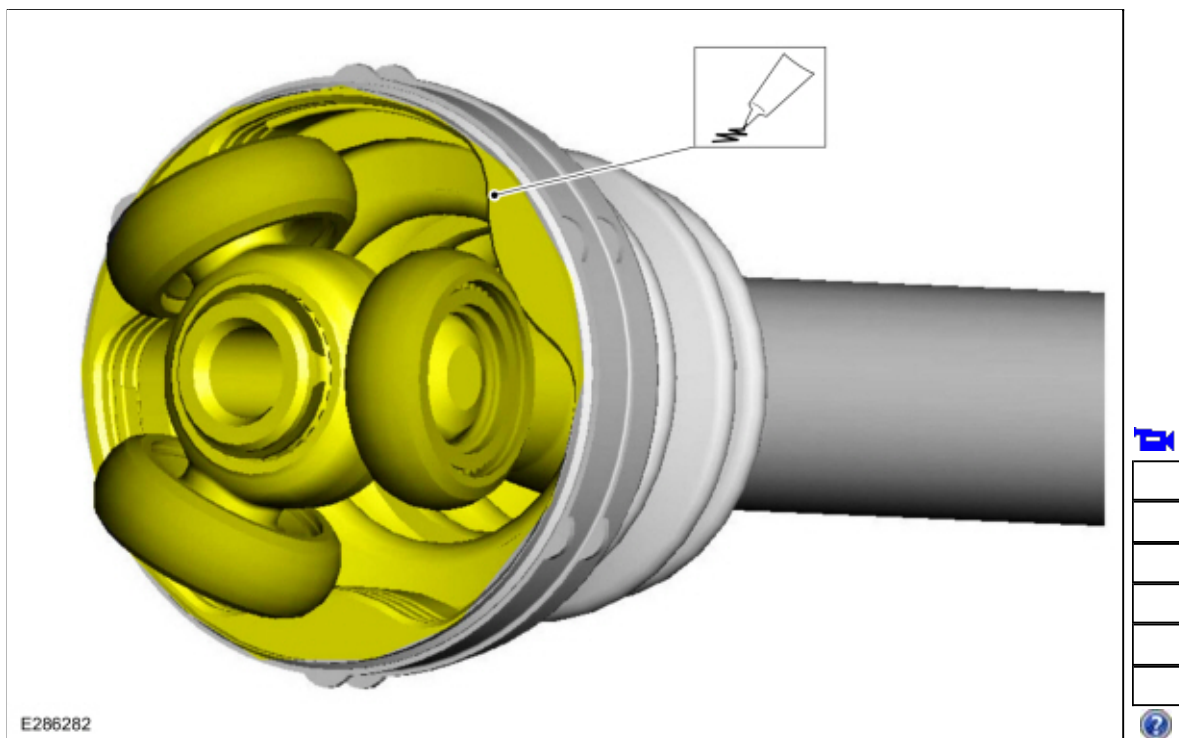


5. Install the new CV joint cage circlip.



6. **NOTE:** Use the grease provided with the boot service kit.

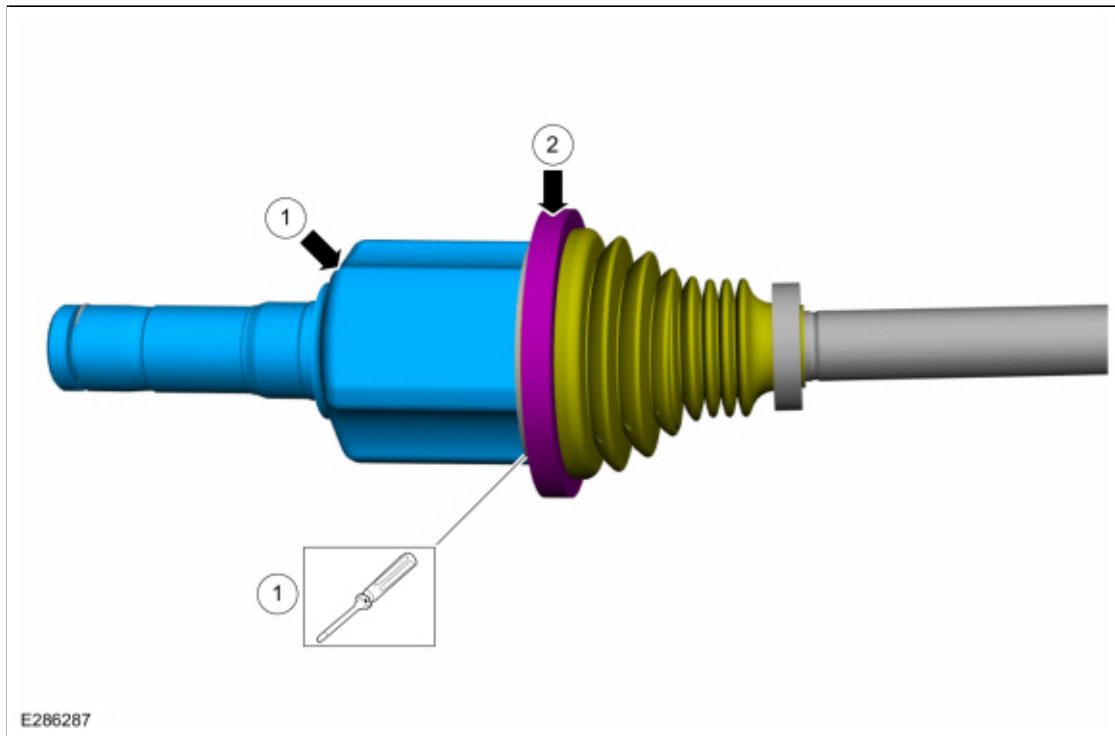
Apply the grease from the sachet evenly in the CV joint boot and housing.



7. **NOTE:** When installing the CV joint housing, insert a small flat blade screwdriver under the CV joint boot seat to allow air to escape.

Install the inner CV housing and the new inner CV housing retaining ring.

1. Using a flat blade screw driver to allow air to escape, install the CV joint housing.
Use the General Equipment: Flat Headed Screw Driver
2. Using boot clamp pliers, install the new large CV joint boot clamp.
Use the General Equipment: Boot Clamp Pliers
Torque: 15 lb.ft (21 Nm)



8. Install the halfshaft.
Refer to: [Front Halfshaft LH](#) (205-04 Front Drive Halfshafts, Removal and Installation).
Refer to: [Front Halfshaft RH](#) (205-04 Front Drive Halfshafts, Removal and Installation).

