

## Front Halfshaft

### Special Tool(s) / General Equipment

|                          |
|--------------------------|
| Flat Headed Screw Driver |
| Boot Clamp Pliers        |
| Rubber Mallet            |
| Three Leg Puller         |

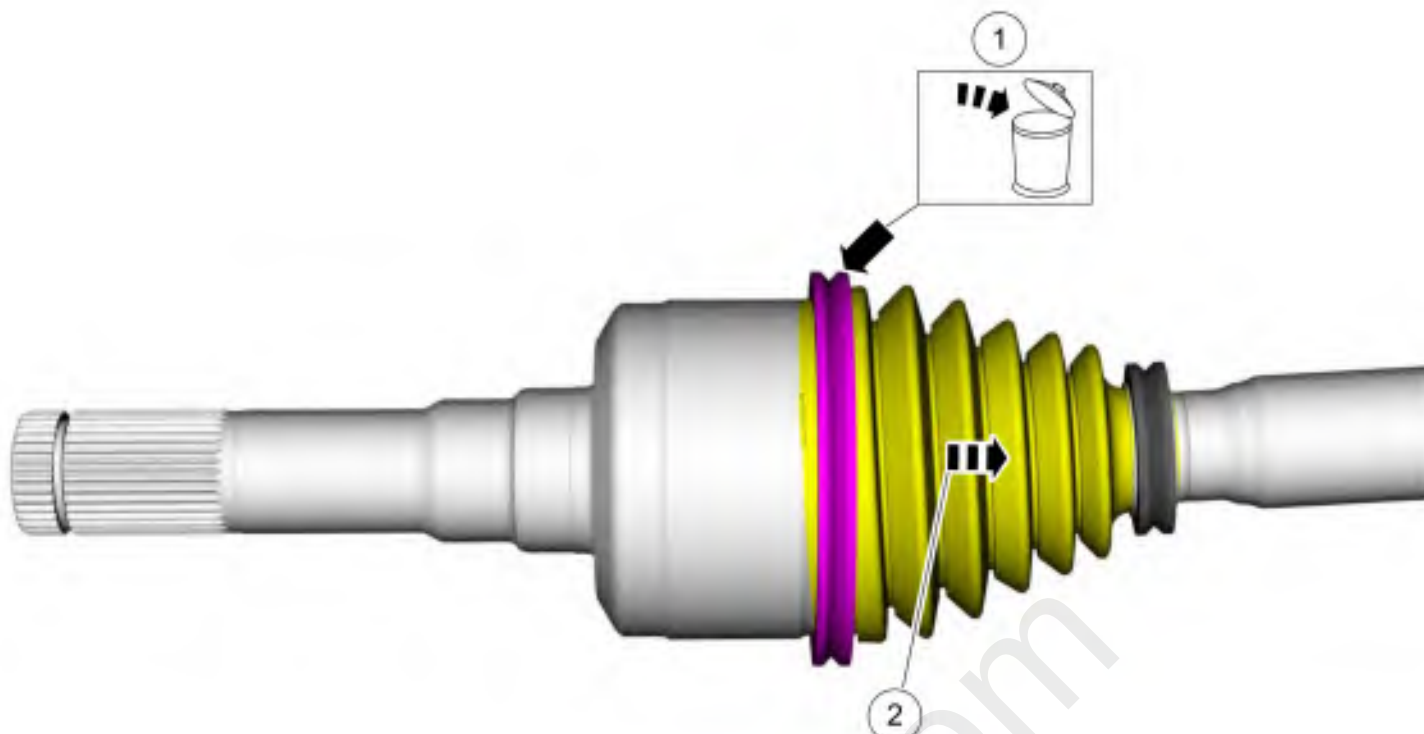
### Materials

| Name                                            | Specification |
|-------------------------------------------------|---------------|
| Motorcraft® Constant Velocity Joint Grease XG-5 | WSS-M1C258-A1 |

### DISASSEMBLY

**NOTE:** LH side shown, RH side similar.

1. Remove the halfshaft.  
Refer to: [Halfshaft](#) (205-04 Front Drive Halfshafts, Removal and Installation).
1. Remove and discard the large CV boot clamp.
2. Position the CV boot to access the inner CV housing retaining ring.

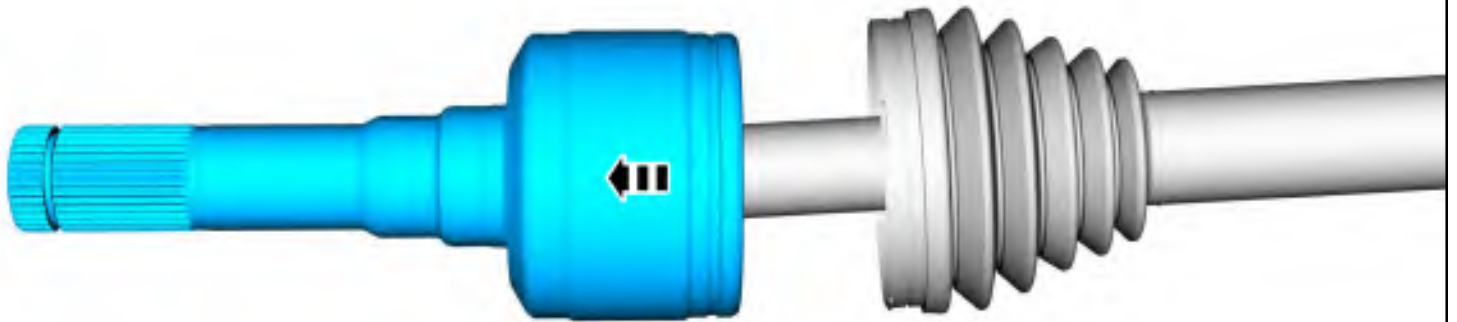


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3. Remove and discard the inner CV housing retaining ring.



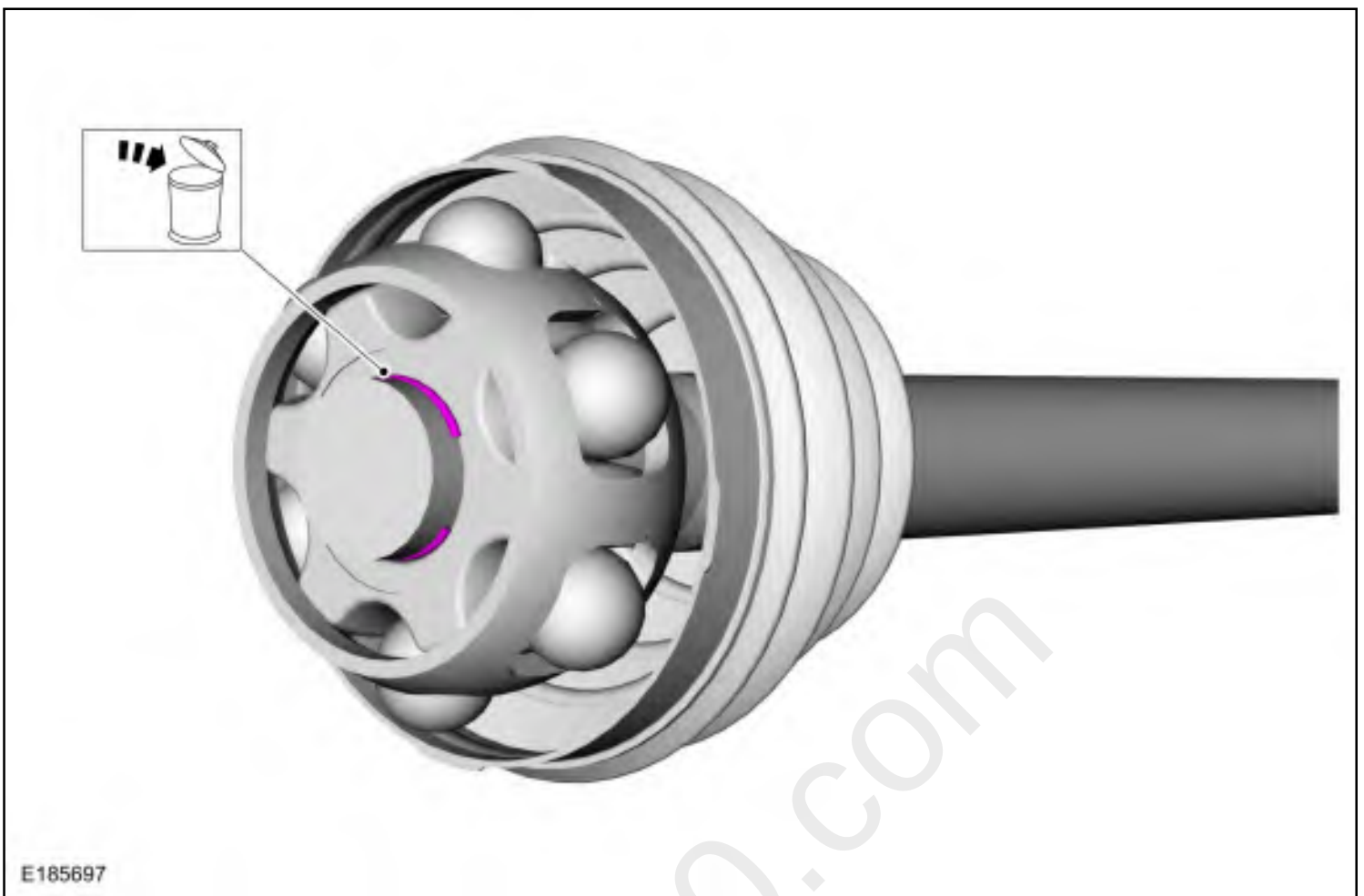
4. Remove the inner CV joint housing.



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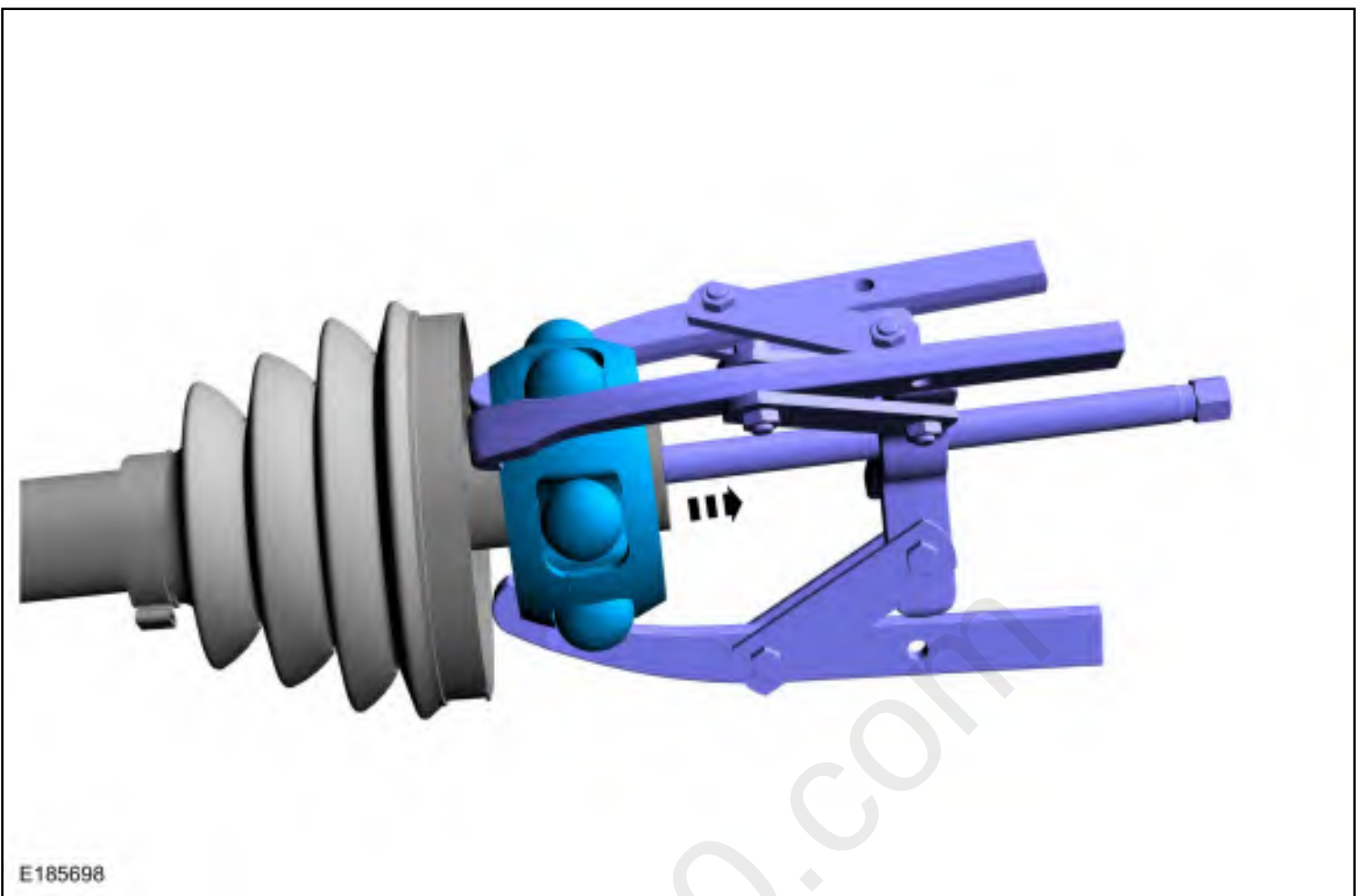
5. **NOTE:** *The CV joint cage balls are free to fall out.*

Remove and discard the CV joint cage circlip.

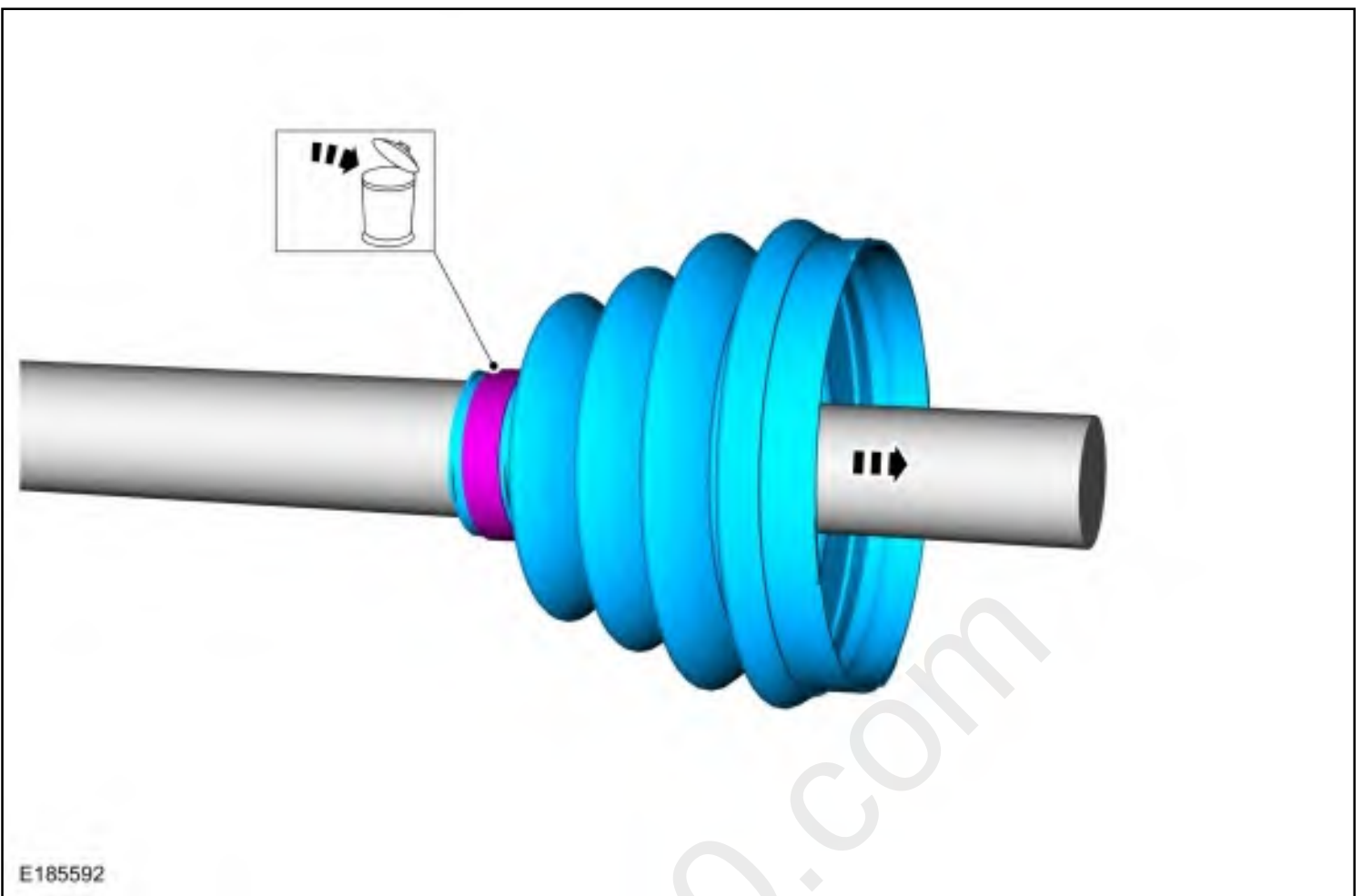


6. **NOTE:** *The CV joint cage balls are free to fall out.*

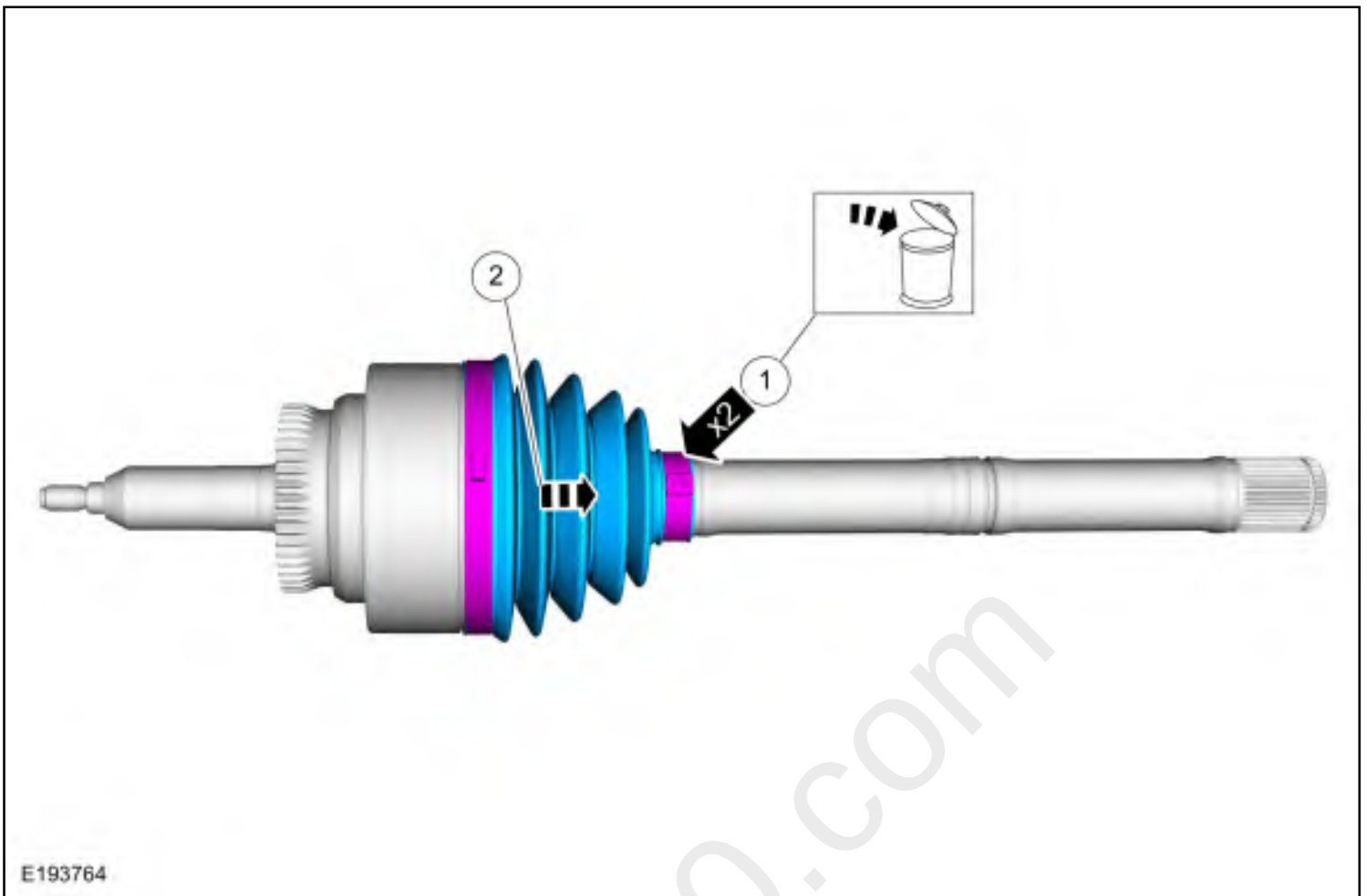
Using general equipment, remove the CV joint cage.  
Use the General Equipment: Three Leg Puller



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

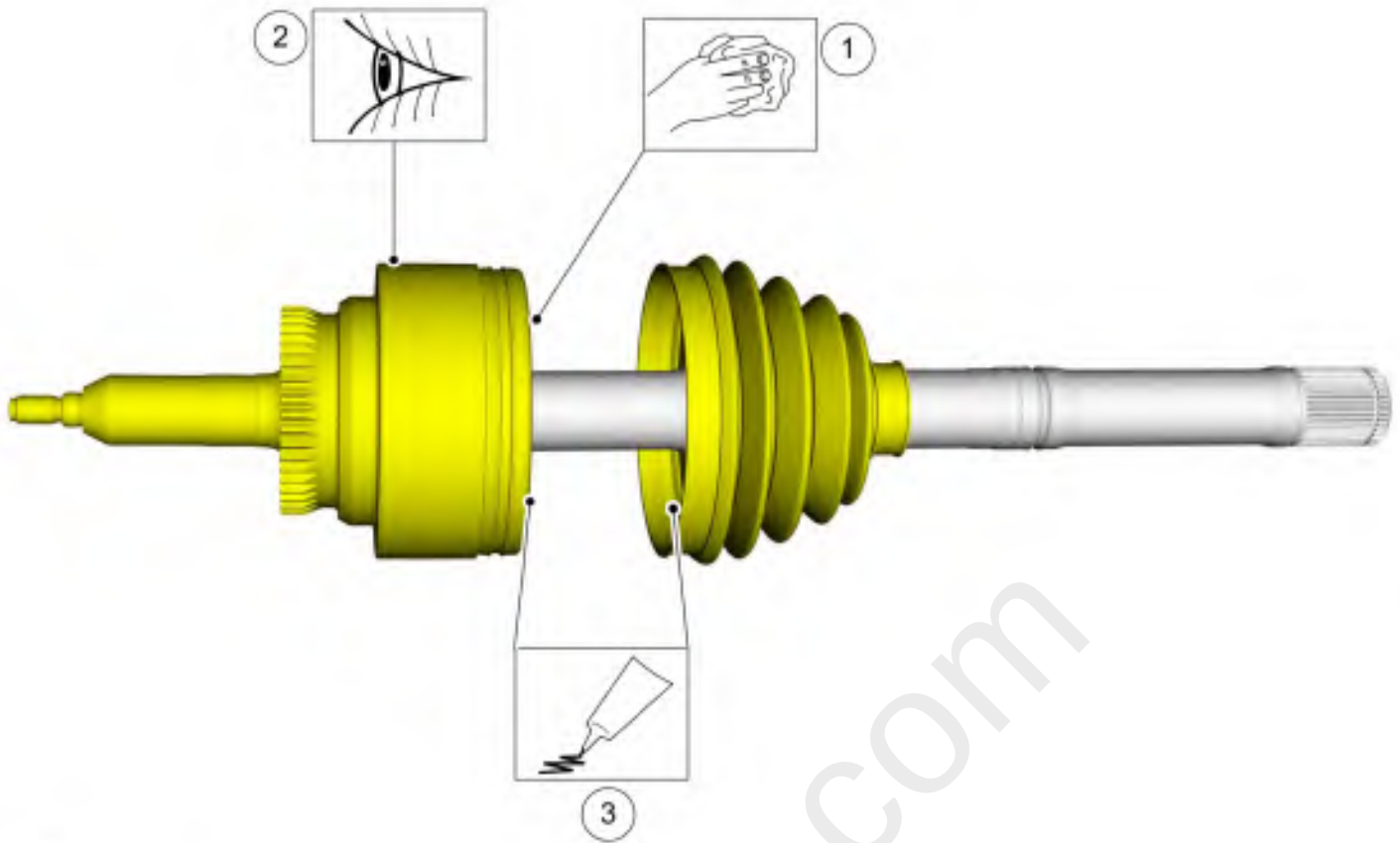


1. Remove and discard the CV joint boot clamps.
2. Remove the CV joint boot.



## ASSEMBLY

1. Clean and inspect the CV joint cage.
2. Inspect the outer CV joint housing for damage.
3. Install The grease sachet evenly in the CV joint boot and housing.



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2.

Install the CV joint housing.

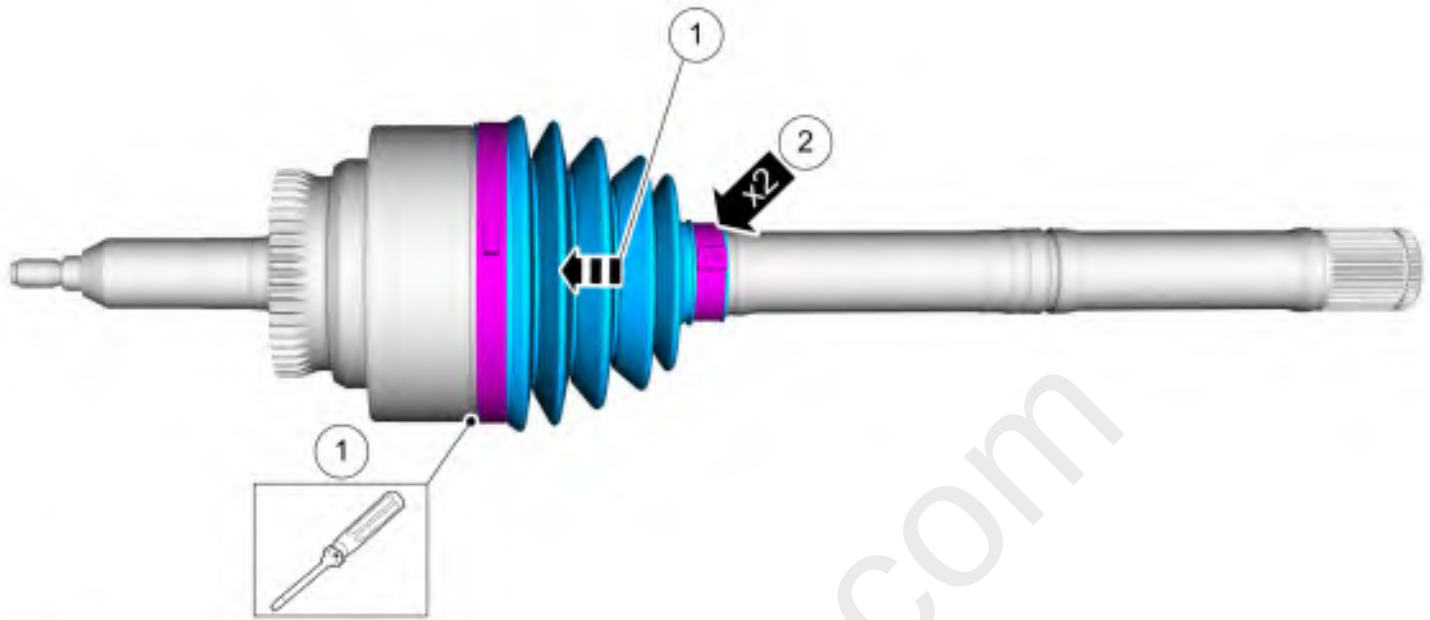
1. **NOTE:** When installing the CV joint housing, insert a small flat blade screwdriver under the CV joint boot seat to allow air to escape.

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 CV joint boot clamps.

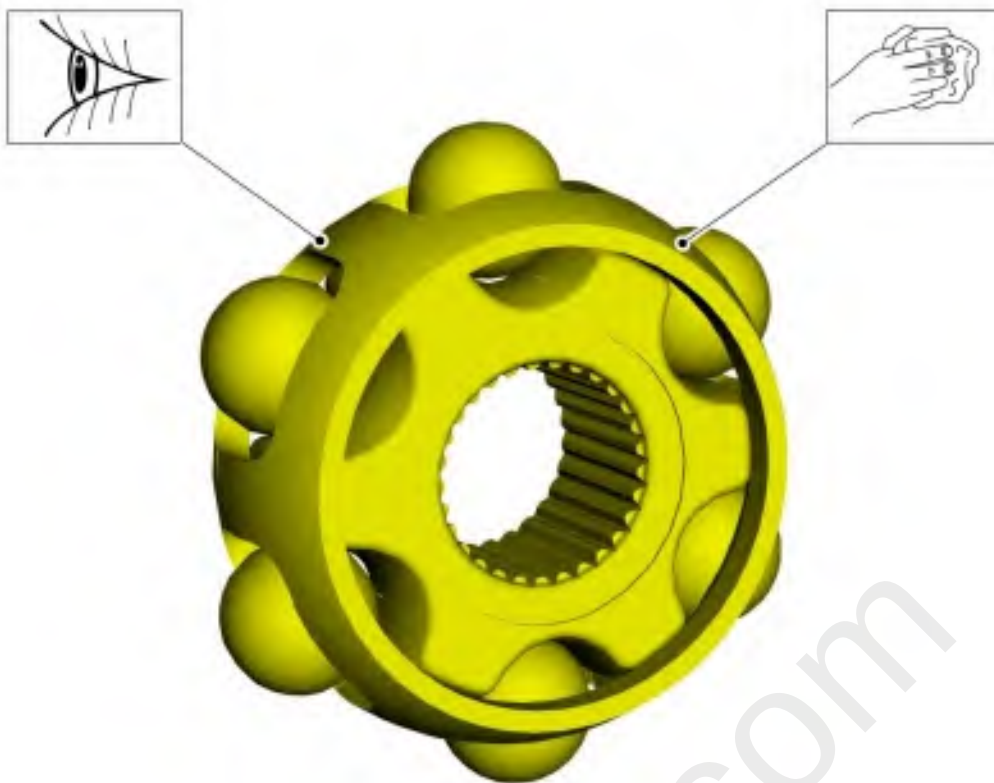
Use the General Equipment: Boot Clamp Pliers



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3. **NOTE:** CV cage is shown assembled.

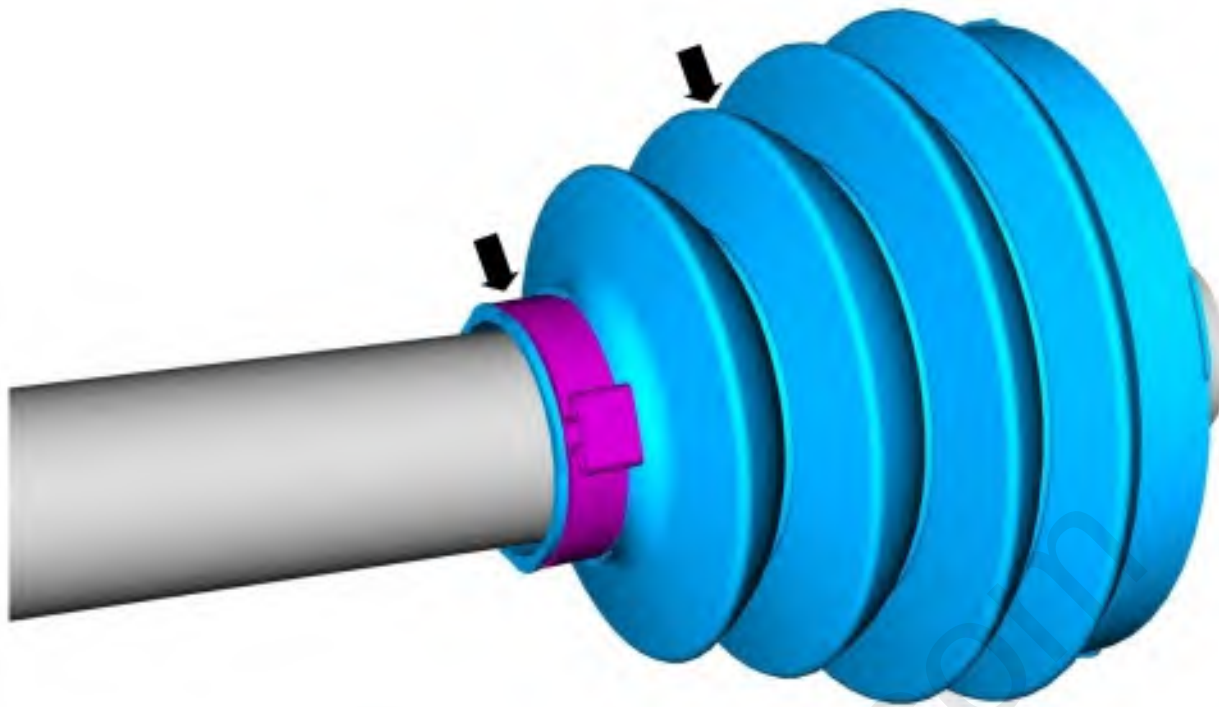
Clean and inspect the CV joint cage.



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4. 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



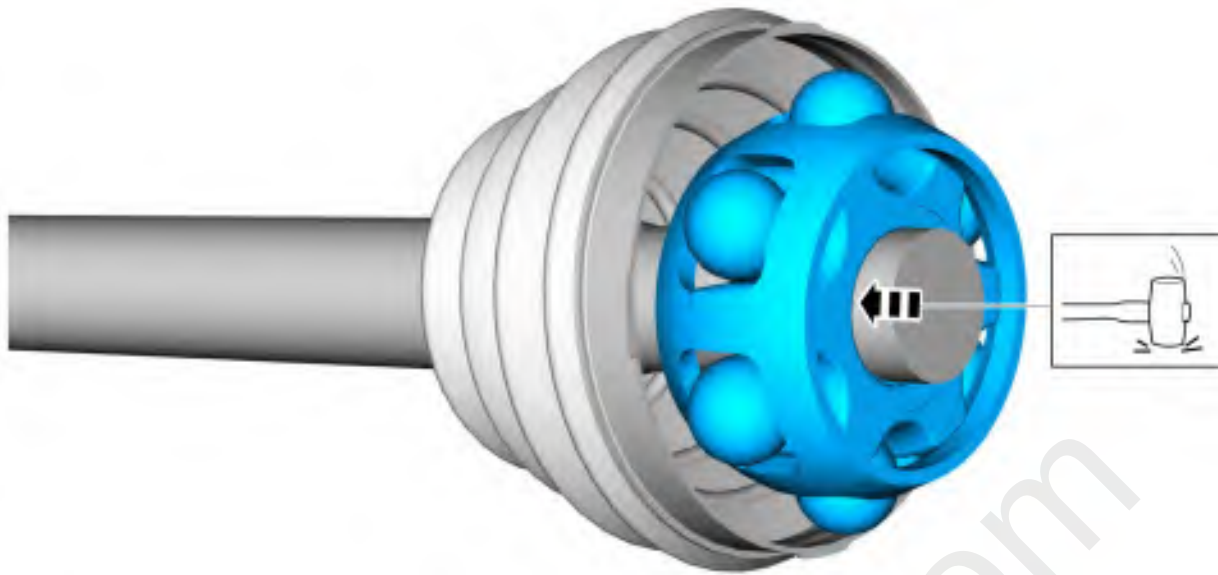
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5. **NOTE:** *The CV joint cage is a snug fit and may need to be tapped on with a soft face mallet.*

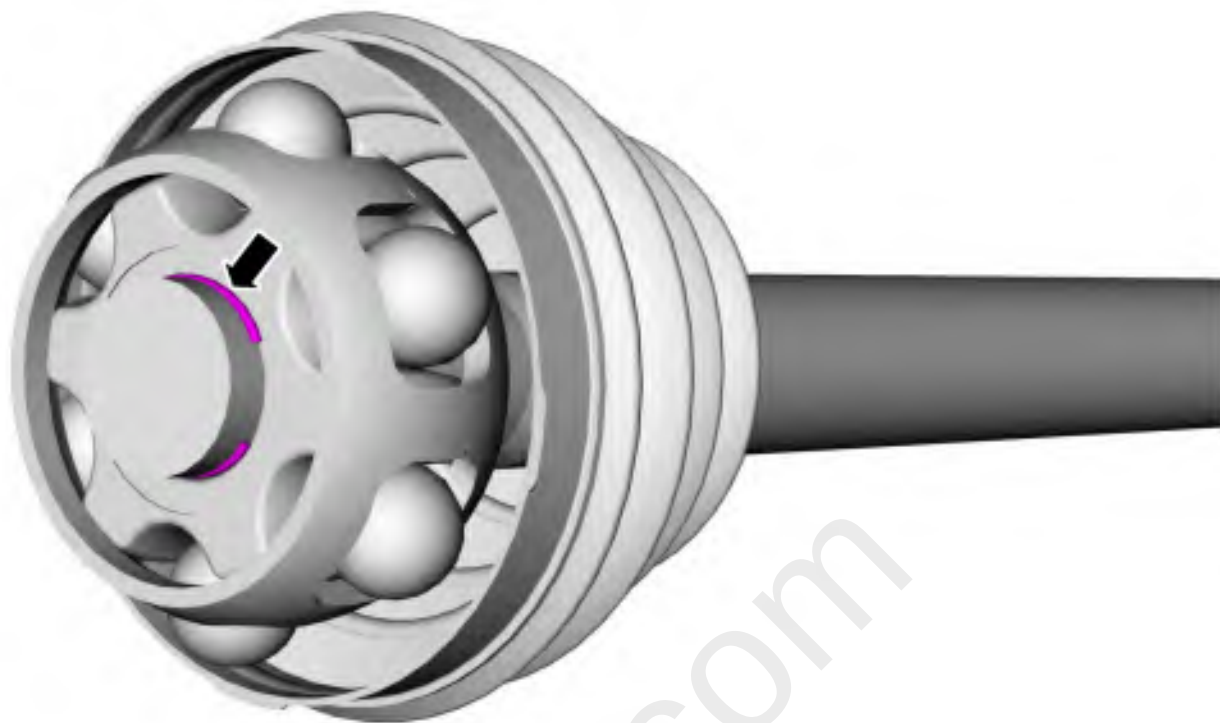
Using a soft face mallet, install the CV joint cage.

Use the General Equipment: Rubber Mallet



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6. Install the new CV joint cage circlip.

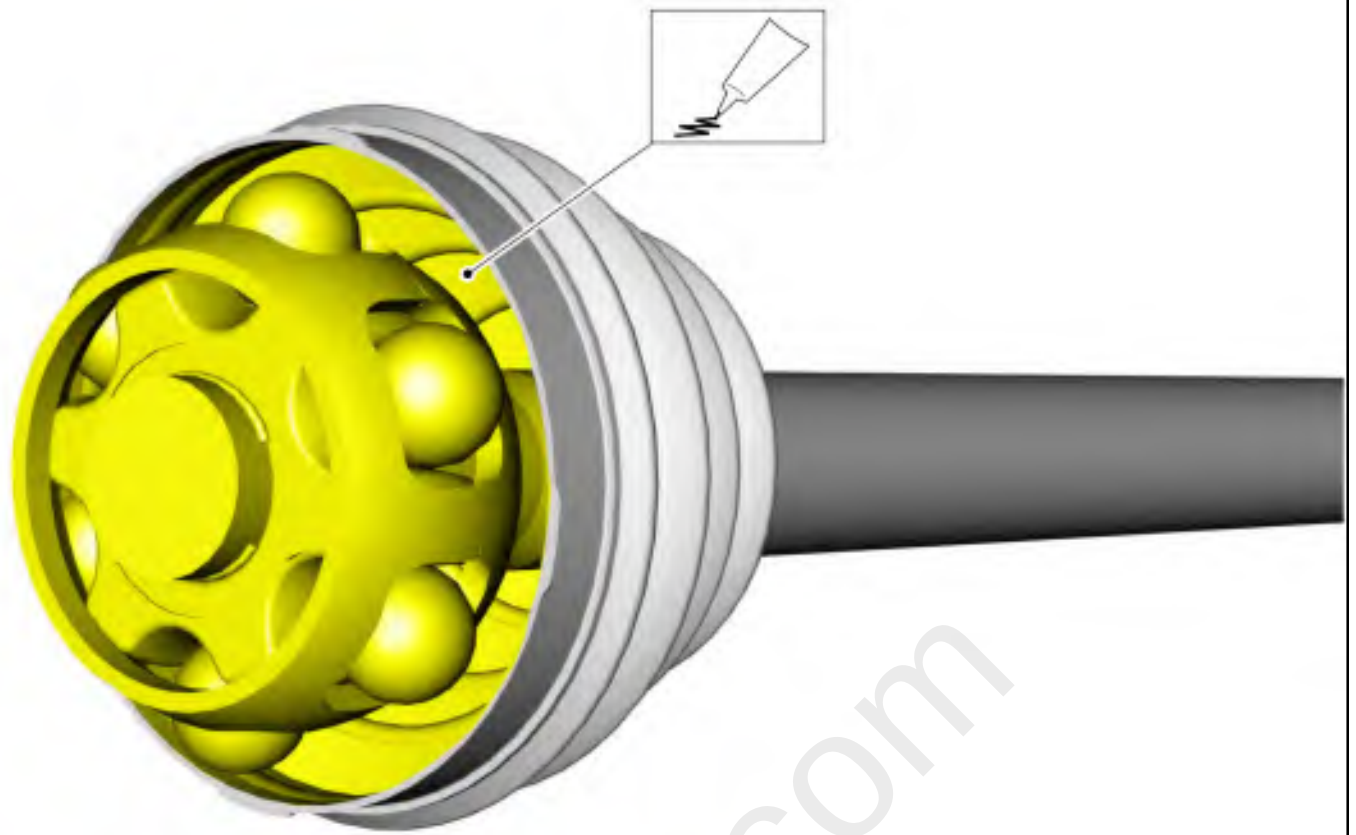


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7. Install the grease sachet evenly in the CV joint boot and housing.

*Material: Motorcraft® Constant Velocity Joint Grease / XG-5 (WSS-M1C258-A1)*

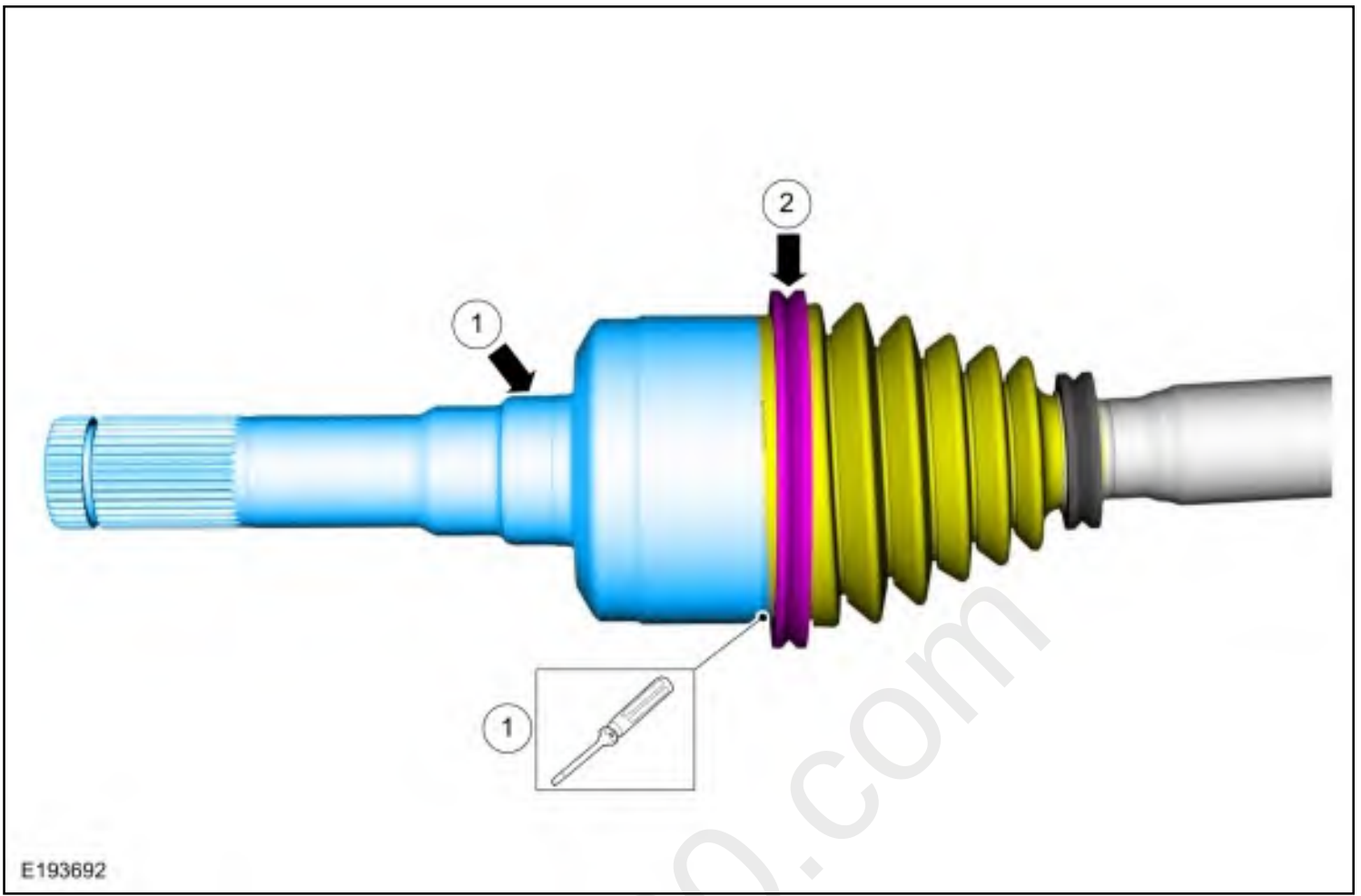


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8. **NOTE:** When installing the CV joint housing, insert a small flat blade screwdriver under the CV joint boot seat to allow air to escape.

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



9. Install the halfshaft.

Refer to: [Halfshaft](#) (205-04 Front Drive Halfshafts, Removal and Installation).

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