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2020.0 DEFENDER (LE), 205-05

REAR DRIVE HALFSHAFTS

CONSTANT VELOCITY JOINT BOOT KIT (G2417611)

mcx30.com

SPECIAL TOOL(S)



E64849

303-D121

Puller, General Purpose

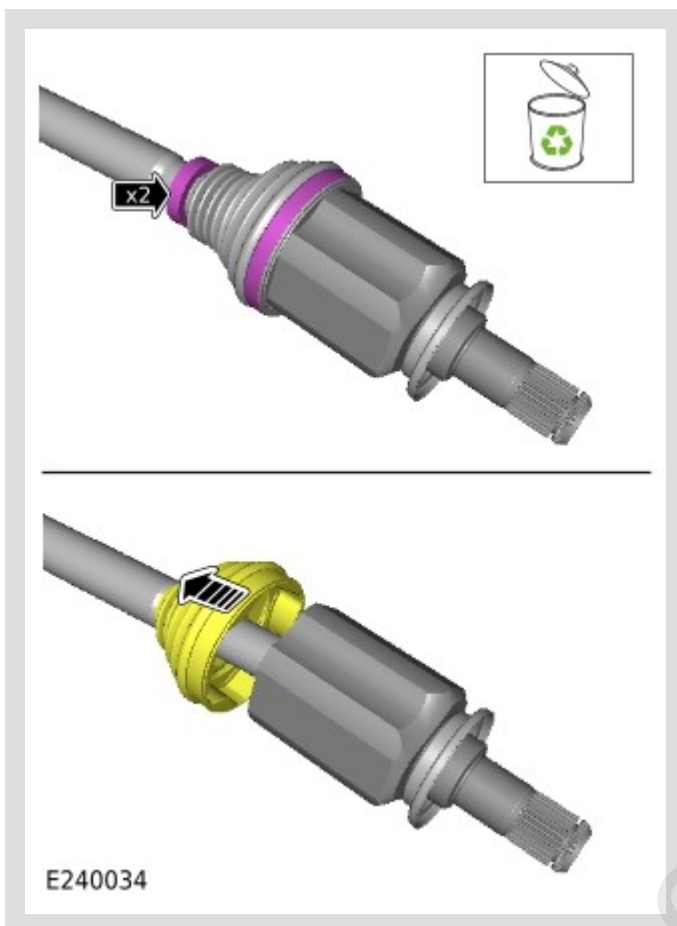
REMOVAL

**NOTE:**

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

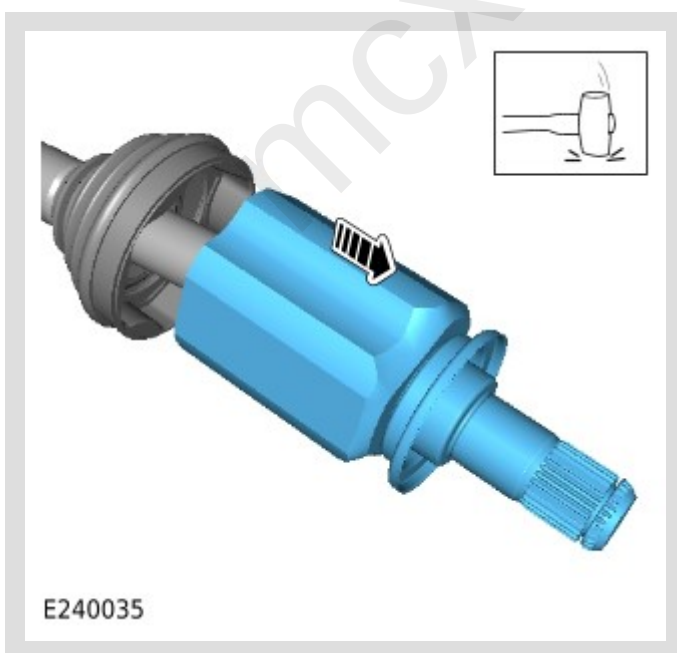
1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. Remove the rear halfshaft.
Refer to: [Rear Halfshaft](#) (205-05 Rear Drive Halfshafts, Removal and Installation).
3. Position the halfshaft in a suitable vice equipped with soft jaws to prevent damaging the halfshaft.

4.



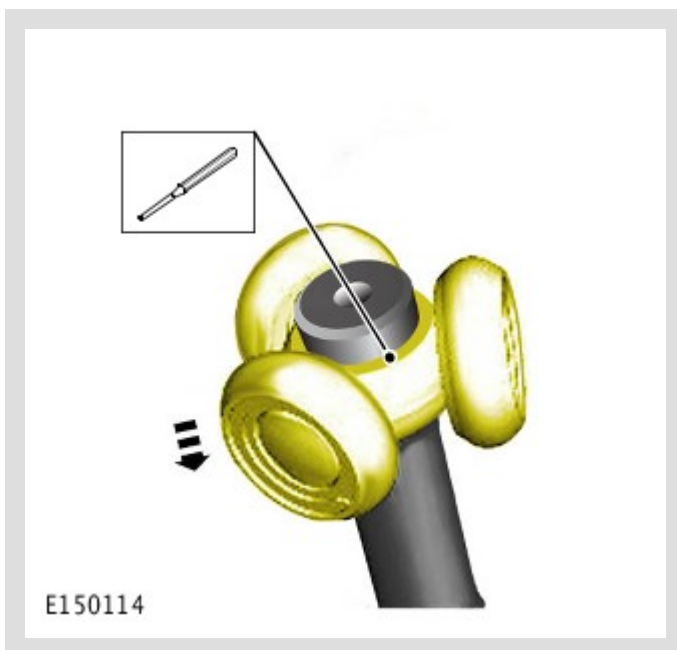
- Remove and discard the 2 Constant Velocity (CV) joint boot clamps.
- Reposition the CV boot as illustrated.

5.



Use a soft faced mallet to remove the inner CV joint from the halfshaft.

6.



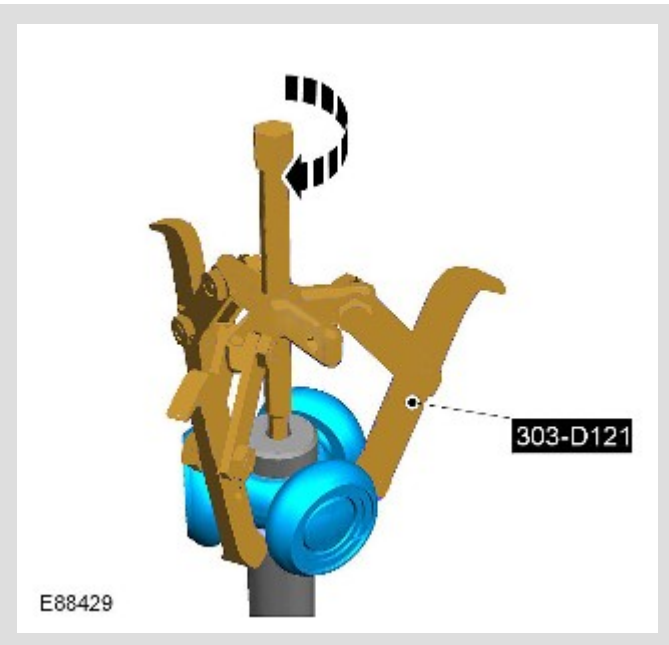
Use a suitable punch to reposition the bearings along the halfshaft to allow the circlip to be removed.

7.



Remove and discard the circlip.

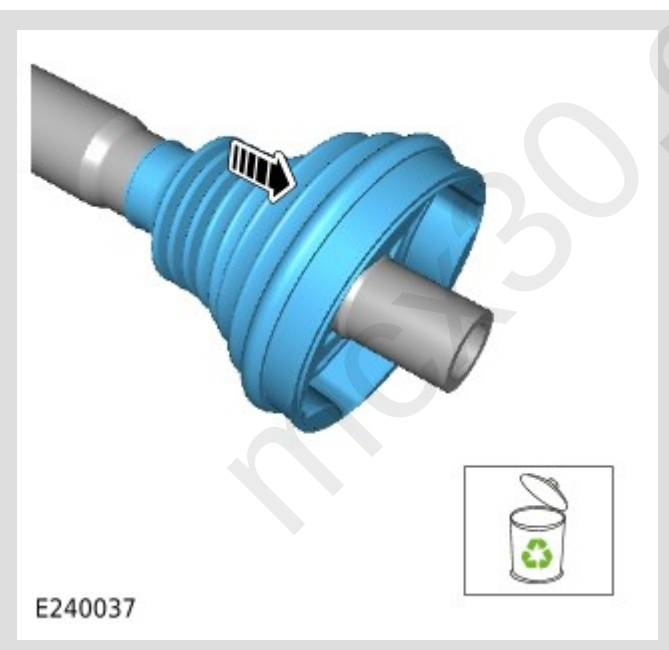
8.



Use the special tool to remove the bearings.

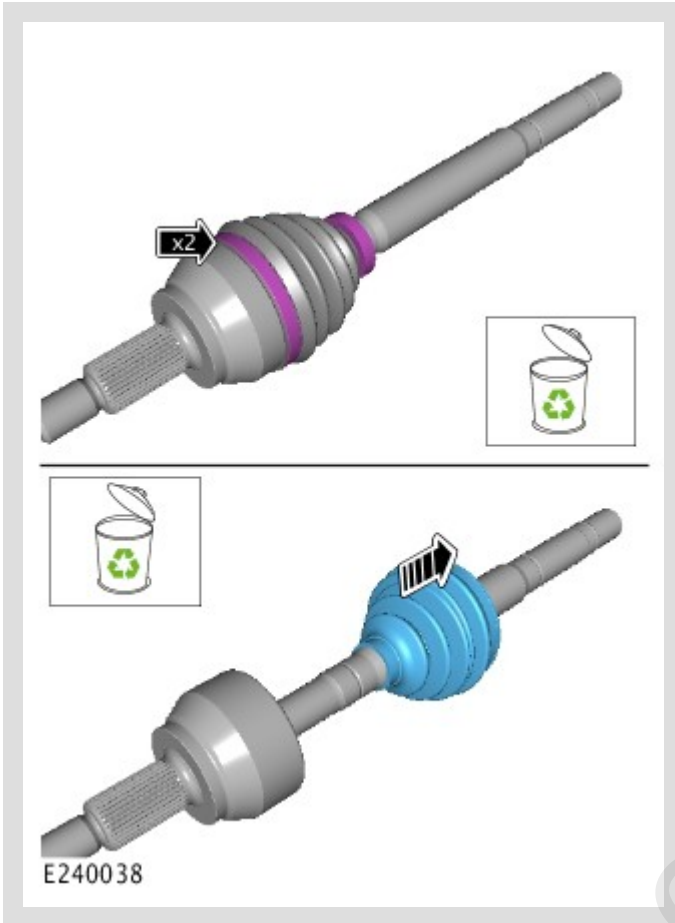
Special Tool(s): [303-D121](#)

9.



Remove and discard the inner CV joint boot.

10.



- Remove and discard the 2 outer CV joint boot clamps.
- Remove and discard the outer CV joint boot.

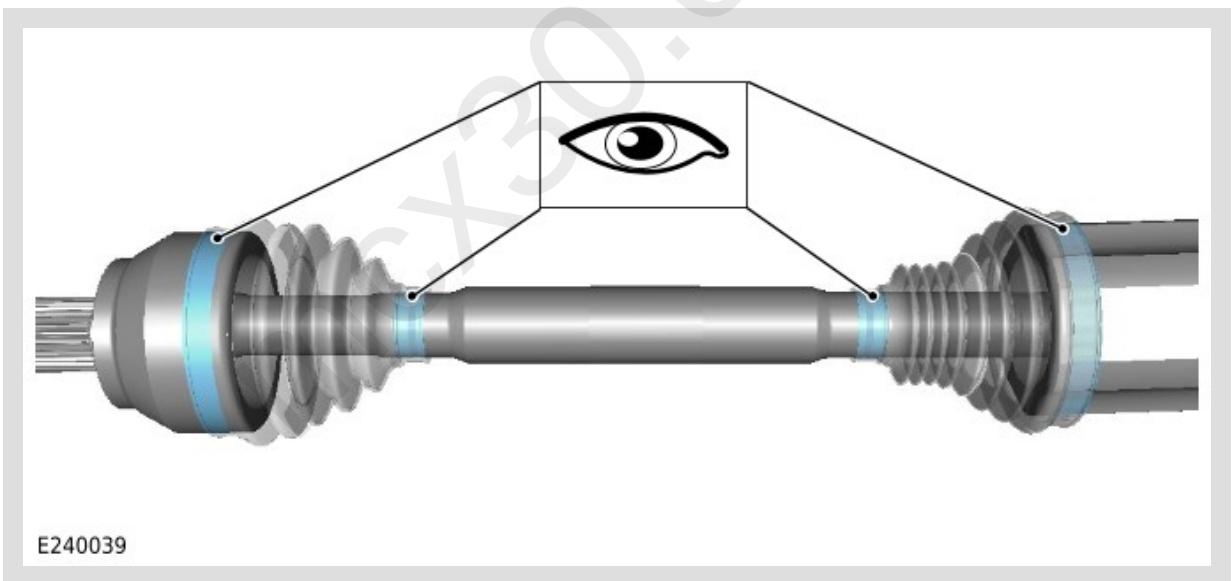
11.

Clean and inspect the components and replace if damaged or worn.

INSTALLATION

1. Install the new outer Constant Velocity (CV) joint boot onto the halfshaft.
2. Install the new inner CV joint boot onto the halfshaft.
3. Use a suitable punch to carefully install the bearings to the halfshaft. Make sure the circlip can be correctly located in the groove.
4. Install the new circlip.
5. Use a soft faced mallet to install the inner CV joint to the halfshaft.
6. Fill the inner and outer CV joints with the grease supplied. Make sure the bearings are fully coated with grease.

7.



Position the inner and outer CV joint boots in the correct locations on the halfshaft and CV joints.

8. Use a suitable tool to install the new CV boot clamps. Make sure the clamps are correctly located on the CV boots.
9. Remove the halfshaft from the vice.
10. Install the rear halfshaft.
Refer to: [Rear Halfshaft](#) (205-05 Rear Drive Halfshafts, Removal and Installation).

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