

Front Halfshaft RH

Removal

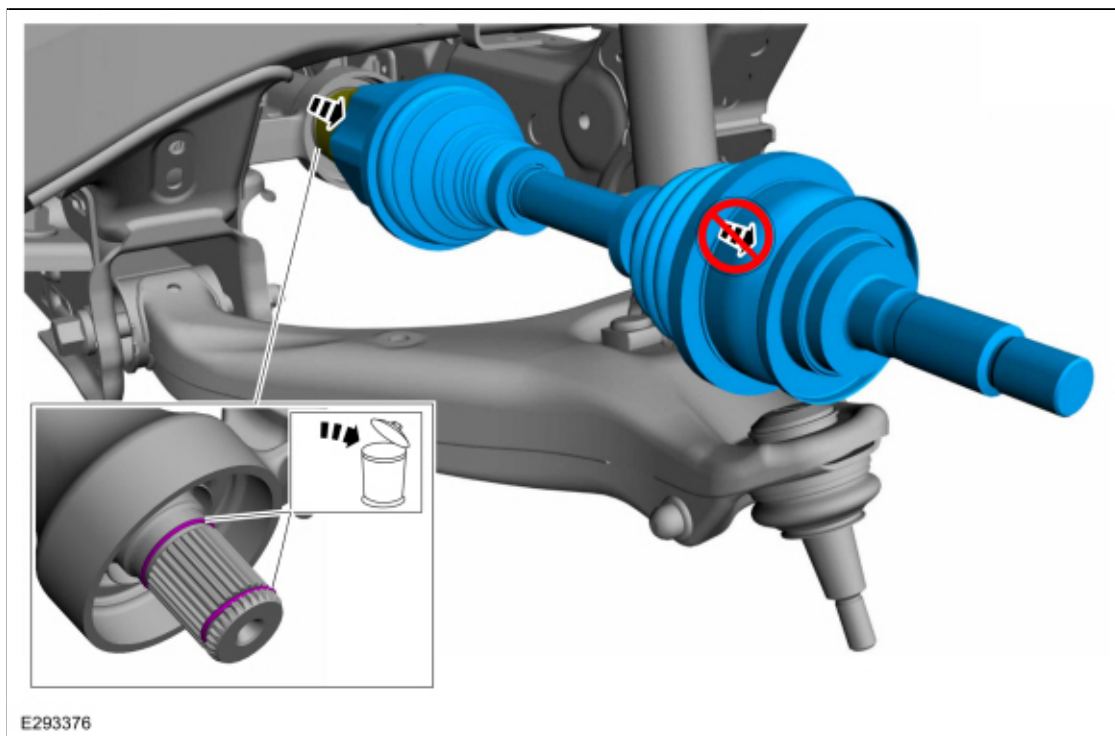
NOTICE: Do not hold the halfshaft by the CV joint.

NOTICE: The inner constant velocity (CV) joint must not be bent more than 18°.

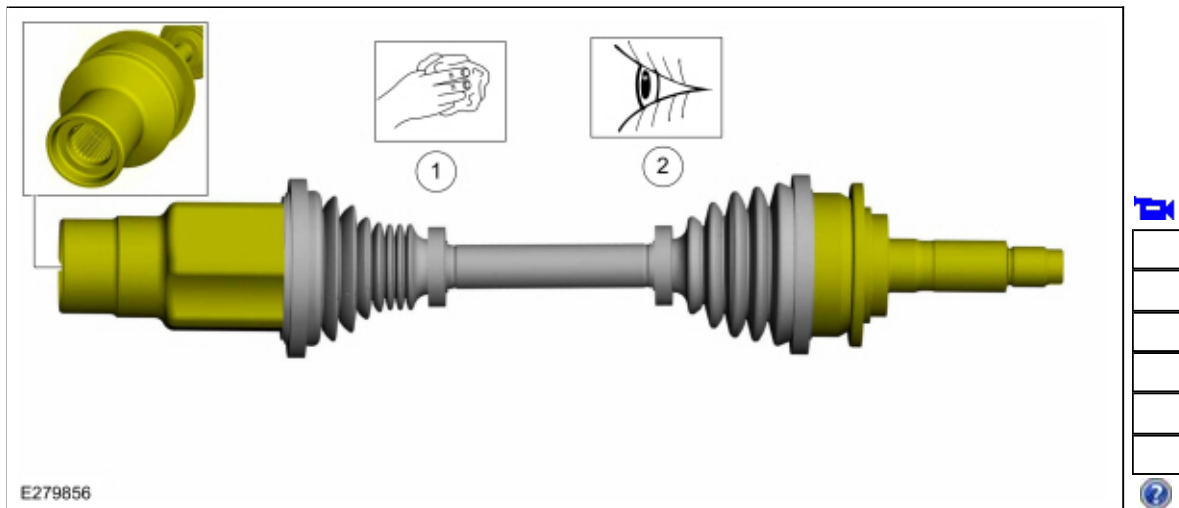
NOTE: Take extra care not to damage the seal.

1. Drain the front differential.
Refer to: [Differential Draining and Filling](#) (205-03 Front Drive Axle/Differential, General Procedures).
2. Remove the wheel knuckle.
Refer to: [Wheel Knuckle](#) (204-01A Front Suspension - RWD, Removal and Installation).
3. **NOTE:** Do not pull on the halfshaft. Pull or pry on the inner CV (constant velocity) housing only or damage may occur.

Remove the front halfshaft RH. Remove and discard the circlip.



4.
 1. Clean the inner and outer halfshaft ends.
 2. Inspect the inner and outer halfshaft ends.



Installation

1. **NOTE:** Start one end of the retainer in the groove and work it over the halfshaft and into the groove to prevent the retainer from over expanding.

1. **NOTE:** Make sure that a new O-ring seal is installed.

NOTE: Make sure that a new O-ring seal is not twisted and it is completely seated in the groove.

Install the new front halfshaft RH O ring.

2. **NOTE:** Make sure that a new retaining clip is installed.

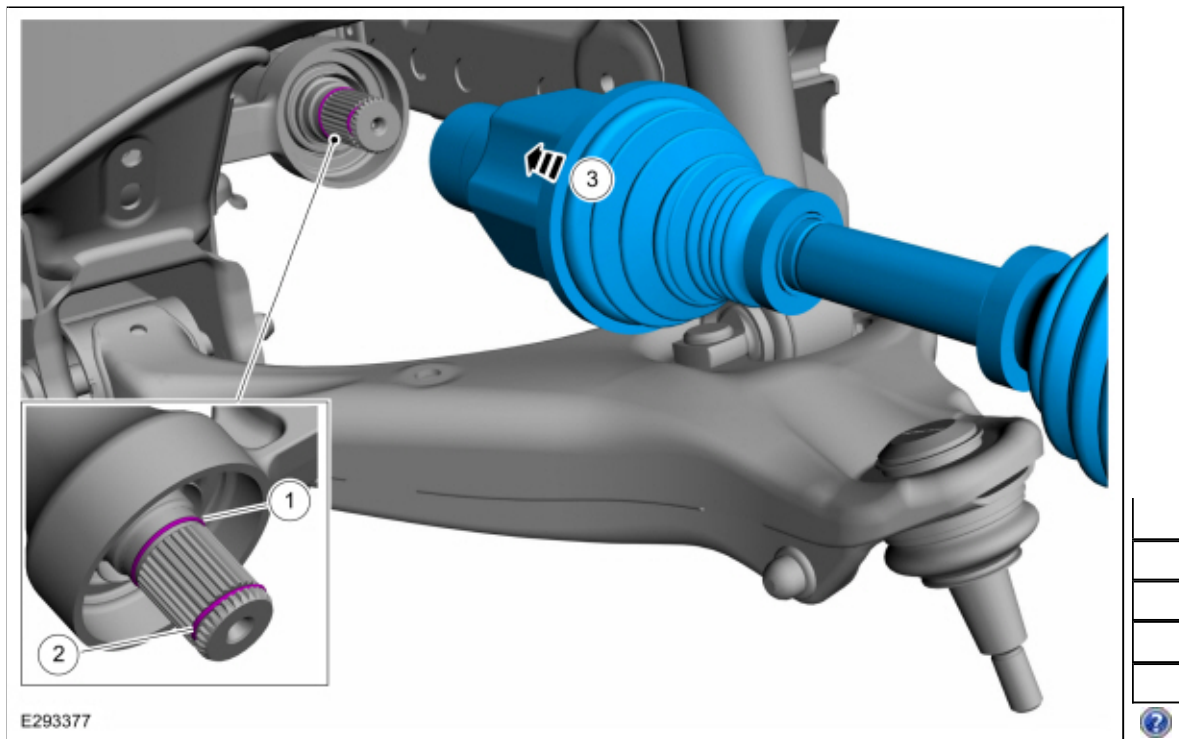
NOTE: Make sure that the retaining clip is fully seated in groove.

Install the new retaining clip.

3. **NOTE:** Insert shaft until circlip is fully seated. When checking if circlip is seated do not pull on outer CV joints, boot or on the shaft or damage can result.

NOTE: Pull on the inner CV joint to ensure the halfshaft circlip is seated properly.

Insert the halfshaft until the halfshaft retaining clip is fully seated.



2. Install the wheel knuckle.
Refer to: [Wheel Knuckle](#) (204-01A Front Suspension - RWD, Removal and Installation).

Copyright © 2019 Ford Motor Company

