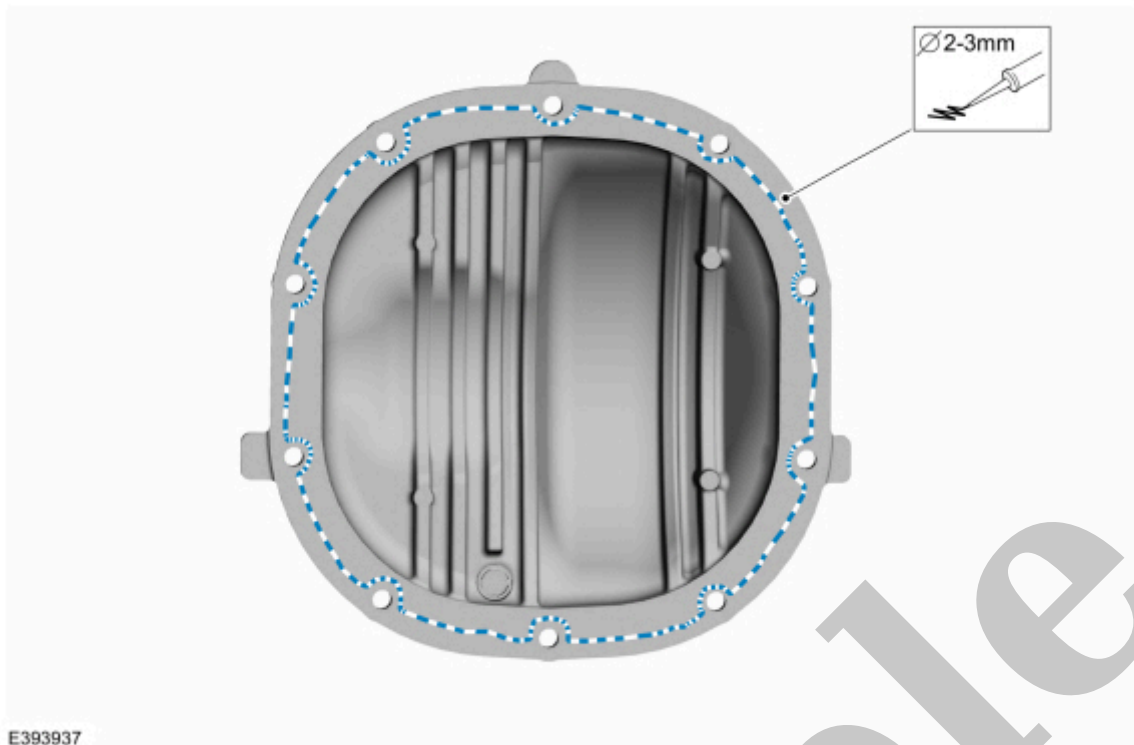


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2016 FORD Expedition OEM Service and Repair Workshop Manual

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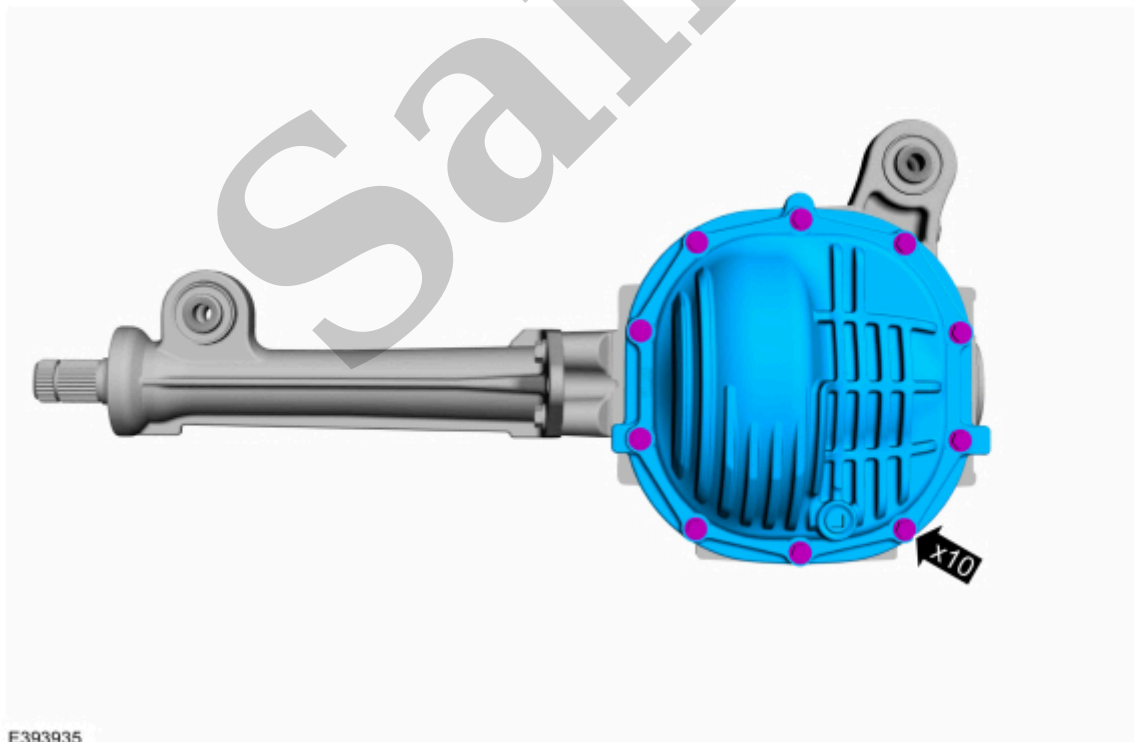


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19. Install the differential cover and differential cover bolts.

Torque : 21 lb.ft (28 Nm)



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Differential Housing Cover

<i>205-03 Front Drive Axle/Differential</i>	<i>2022 F-150</i>
<i>Removal and Installation</i>	<i>Procedure revision date: 10/2/2020</i>

Differential Housing Cover

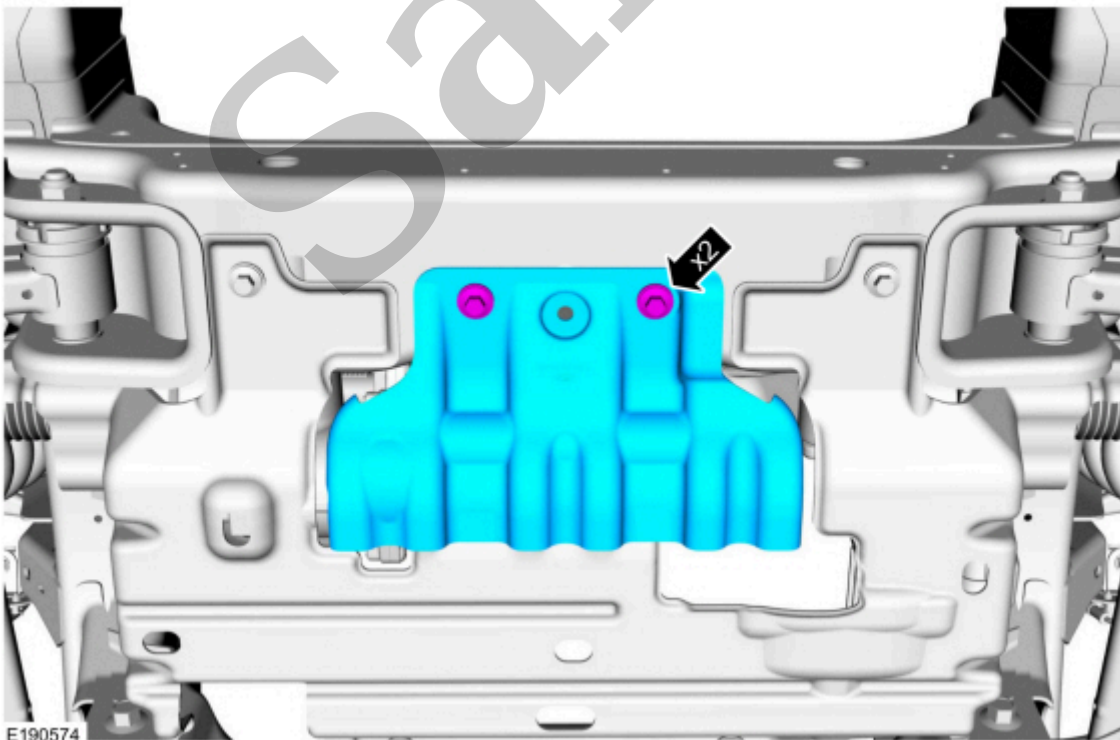
Removal

1. With the vehicle in NEUTRAL, position it on a hoist.

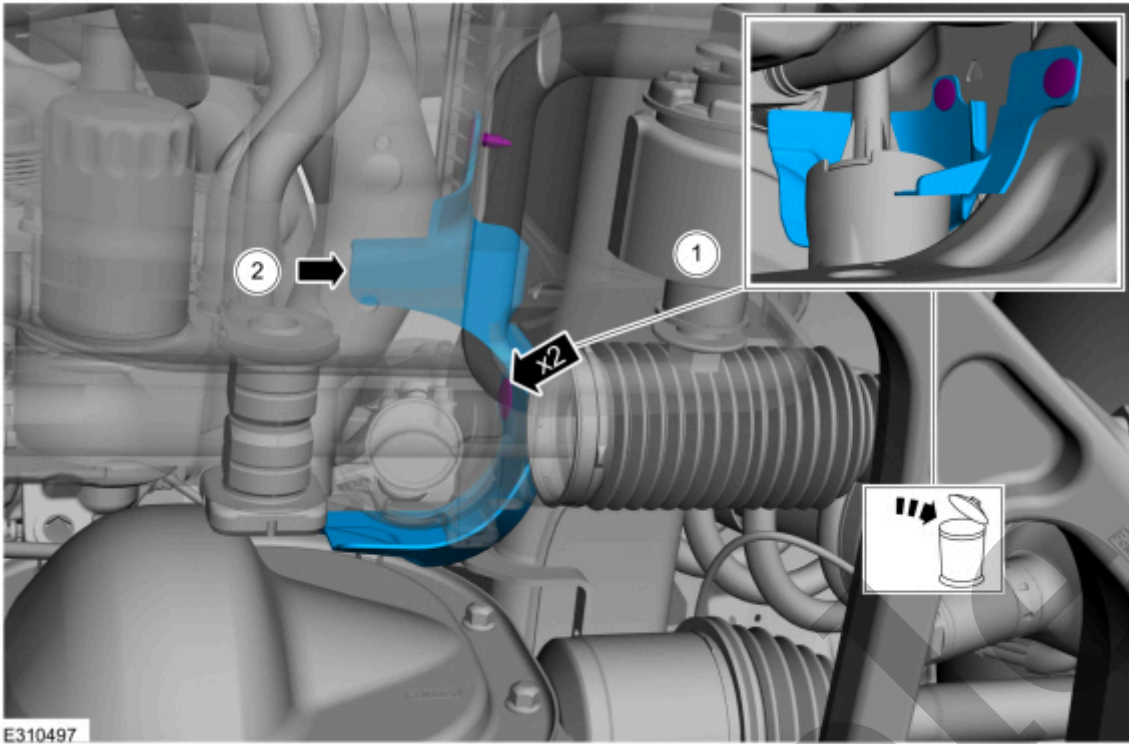
Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. If equipped.

Remove the bolts and the skid plate.



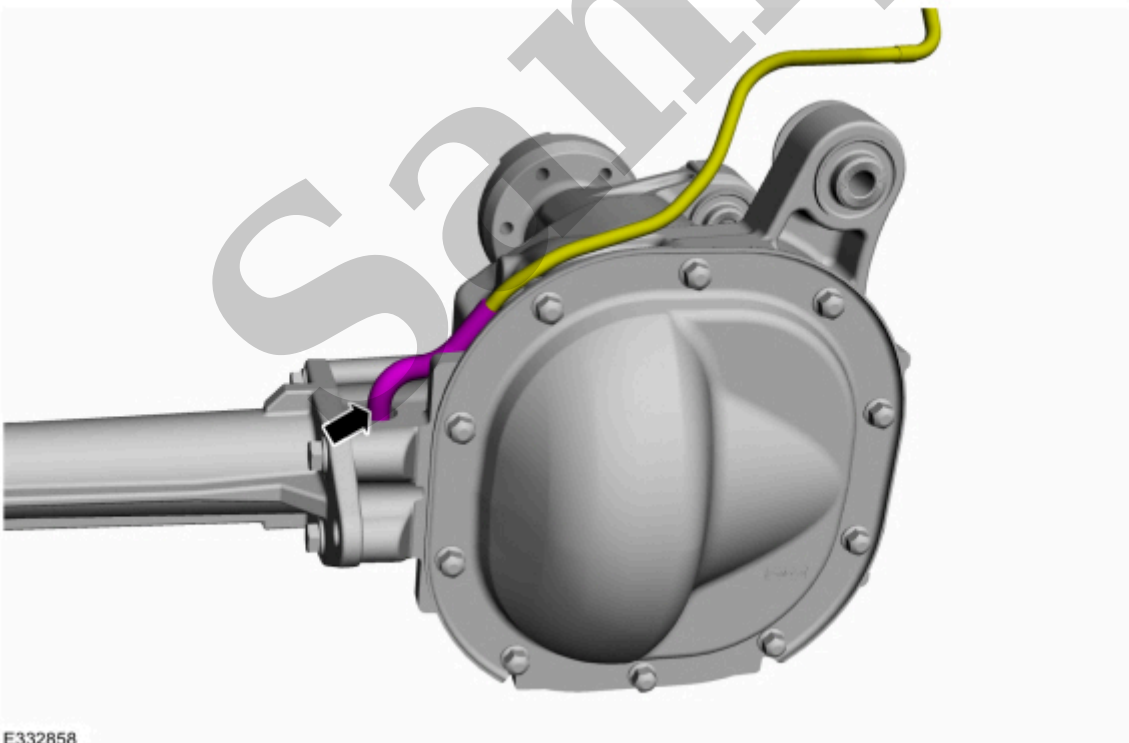
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5. Disconnect the front differential breather hose and position aside.



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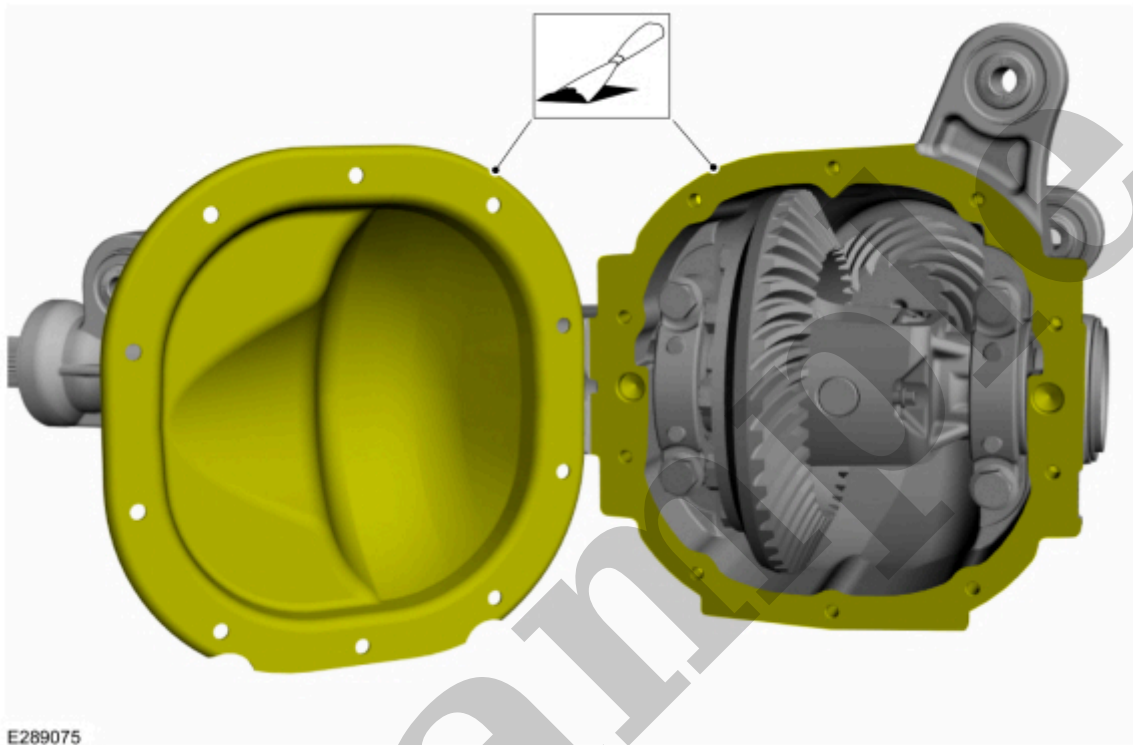
6. If equipped.

Installation

1. NOTE

Remove all of the silicone gasket and make sure the surfaces are free of oil before applying the new silicone gasket.

Clean the gasket mating surface of the axle and the differential housing cover.



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2. NOTE

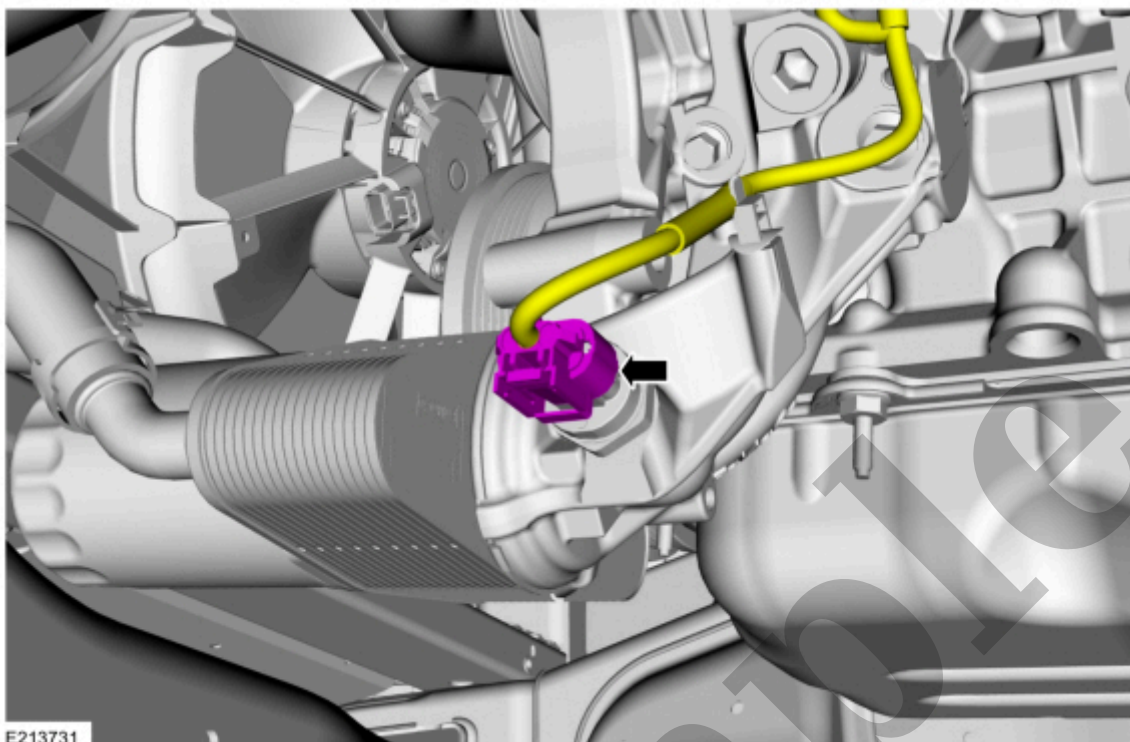
The differential housing cover must be installed within 15 minutes of application of the silicone, or new sealant must be applied. If possible, allow one hour before filling with lubricant to make sure the silicone sealant has correctly cured.

Apply a new continuous bead of sealant to the differential housing cover as shown.

Material : Motorcraft® Ultra Silicone Sealant / TA-29 (WSS-M4G323-A8)

4. If equipped.

Connect the EOP (engine oil pressure) sensor electrical connector.



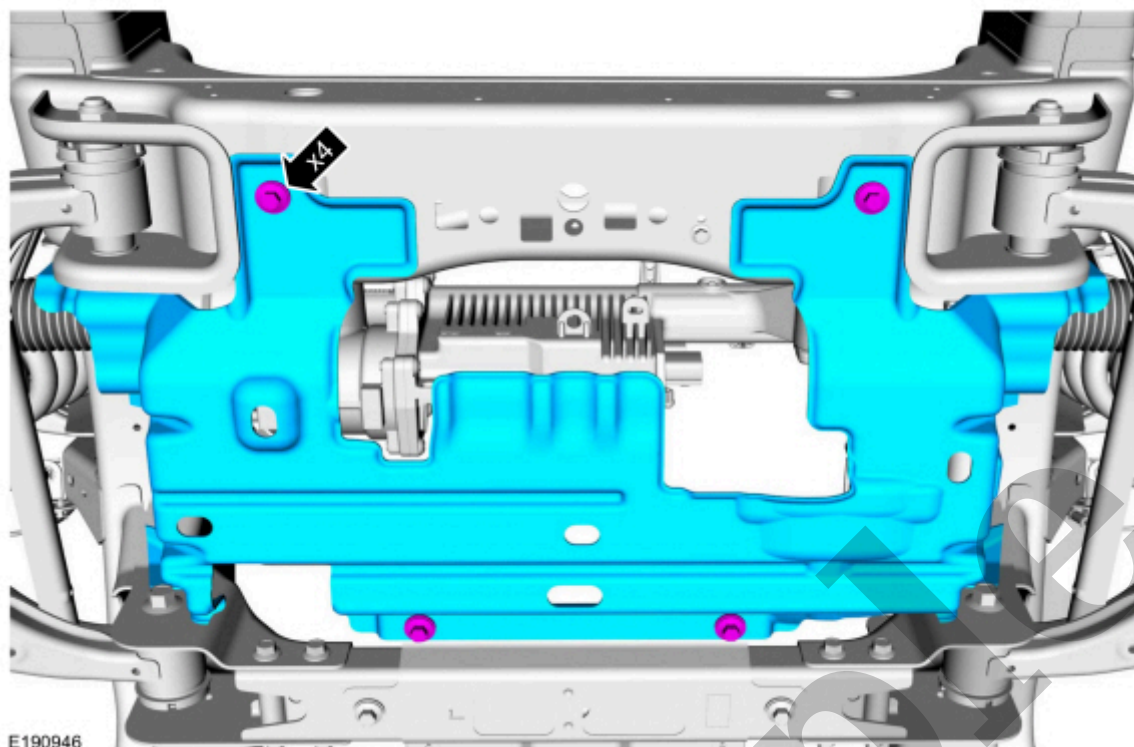
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5. If equipped.

1. Install the steering gear shield to the frame rail.

2. Install the new push pins.

Torque : 30 lb.ft (40 Nm)



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

8. If equipped.

Install the skid plate and the bolts.

Torque : 30 lb.ft (40 Nm)

Differential Ring Gear and Pinion

205-03 Front Drive Axle/Differential	2022 F-150
Removal and Installation	Procedure revision date: 12/13/2022

Differential Ring Gear and Pinion

Removal

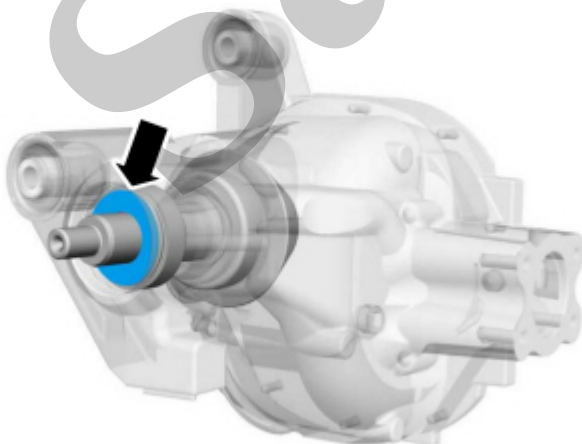
1. Remove the differential carrier.

Refer to: [Differential Carrier](#)(205-03 Front Drive Axle/Differential, Removal and Installation).

2. Remove the drive pinion flange and seal.

Refer to: [Drive Pinion Flange and Seal](#)(205-03 Front Drive Axle/Differential, Removal and Installation).

3. Remove the outer drive pinion oil slinger.



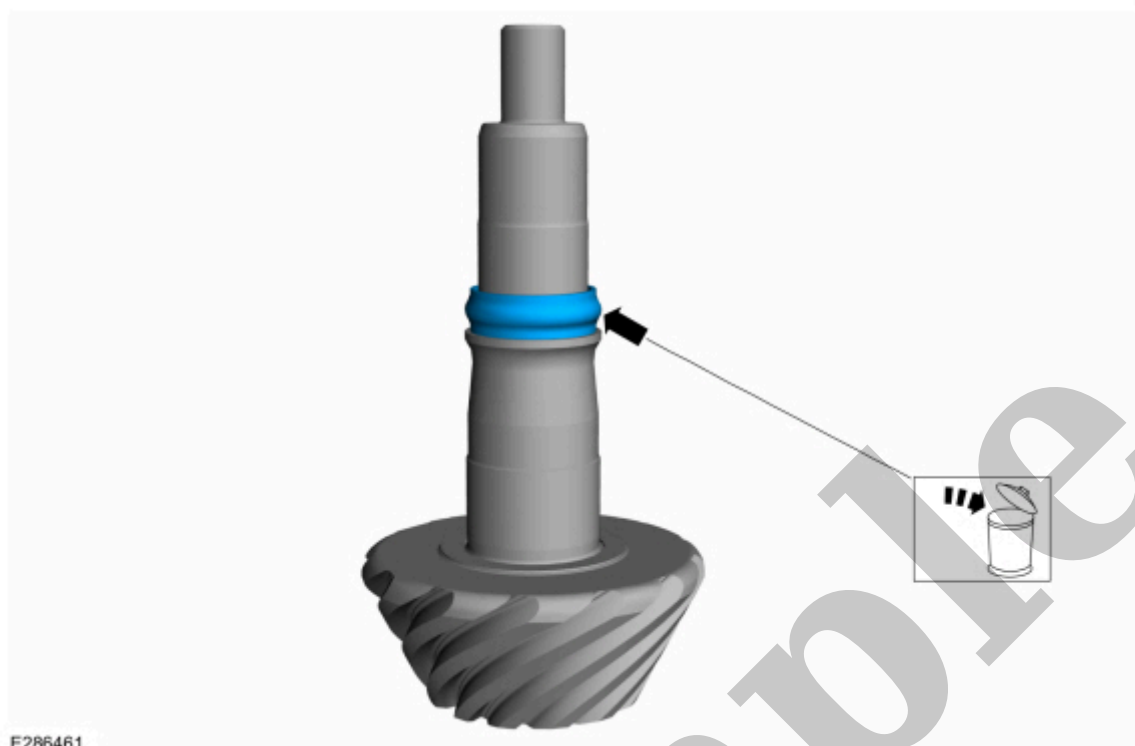
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4. Using the special tool and a soft hammer, tap the drive pinion free of the drive pinion outer bearing.

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6. Remove and discard the drive pinion collapsible spacer.



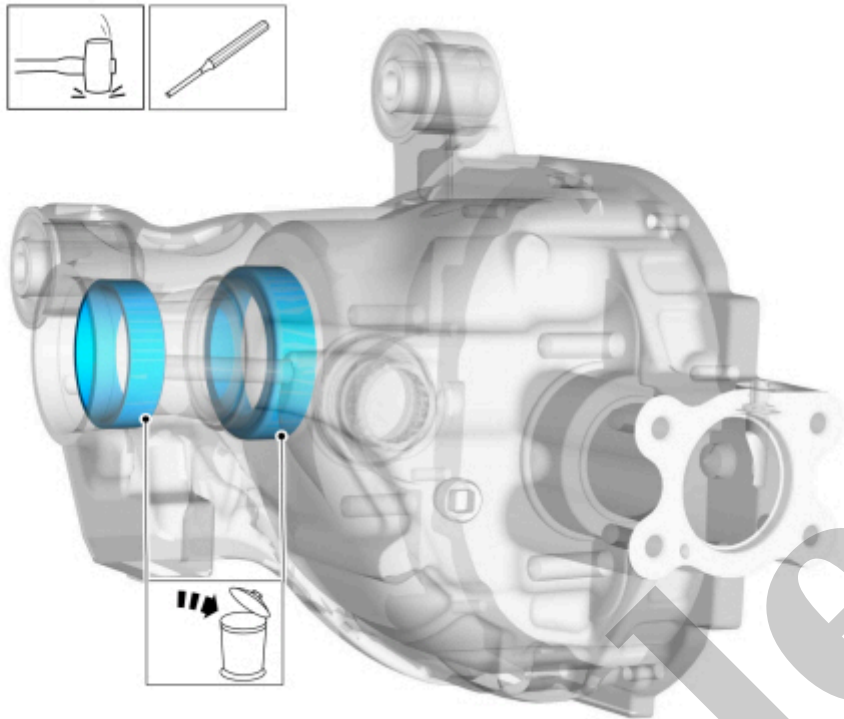
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7. **NOTE**

This step is only necessary if the original component is to be reused.

Remove the inner drive pinion bearing.

Use the General Equipment: Bearing Separator

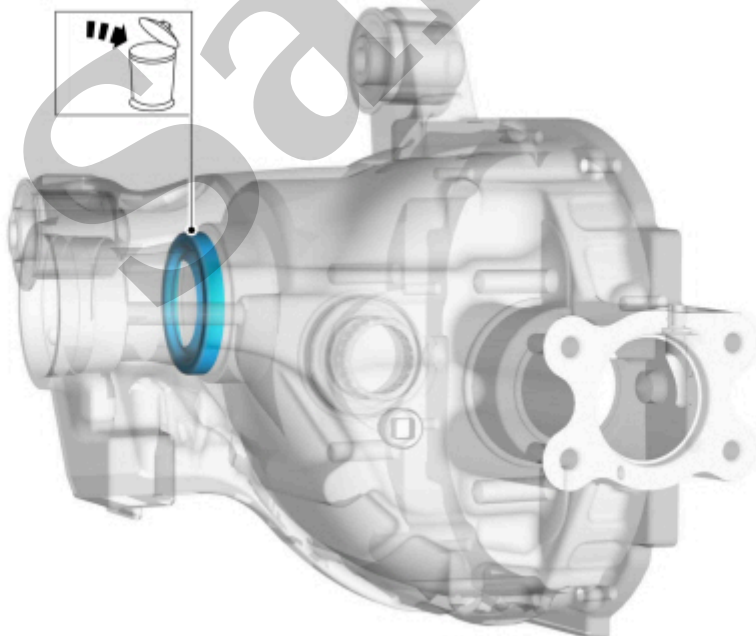


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10. If necessary.

Remove and discard the drive pinion oil baffle.



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