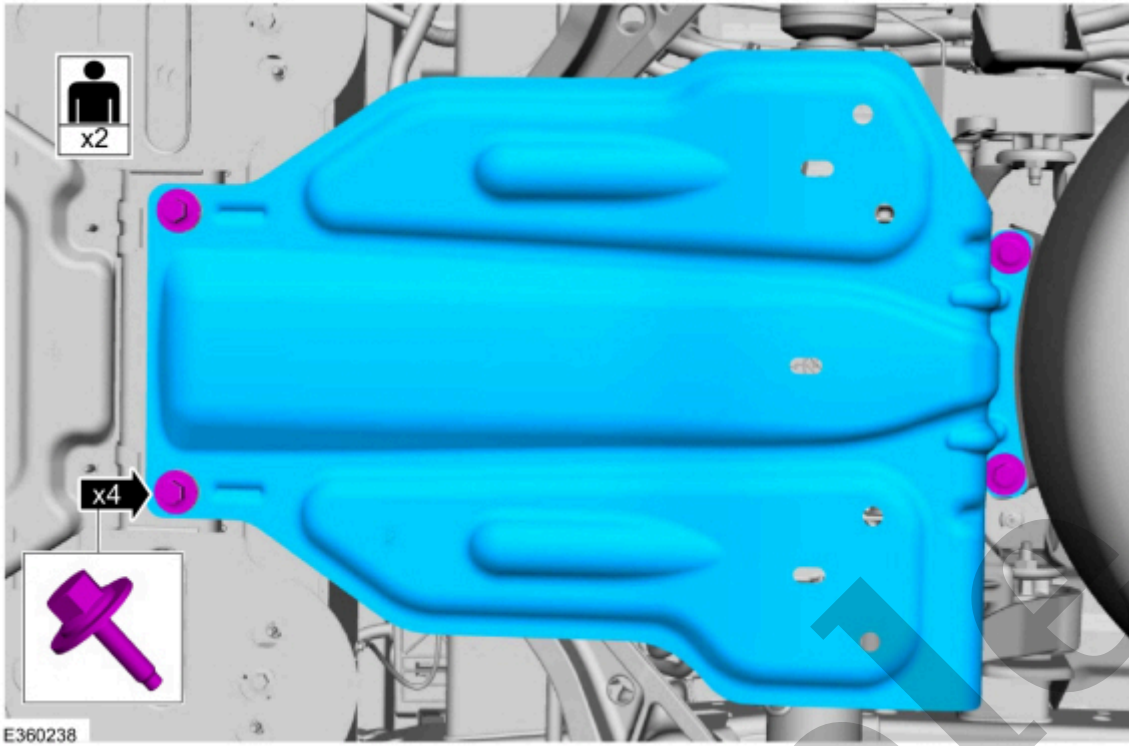


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2012 FORD Escape OEM Service and Repair Workshop Manual

[Go to manual page](#)

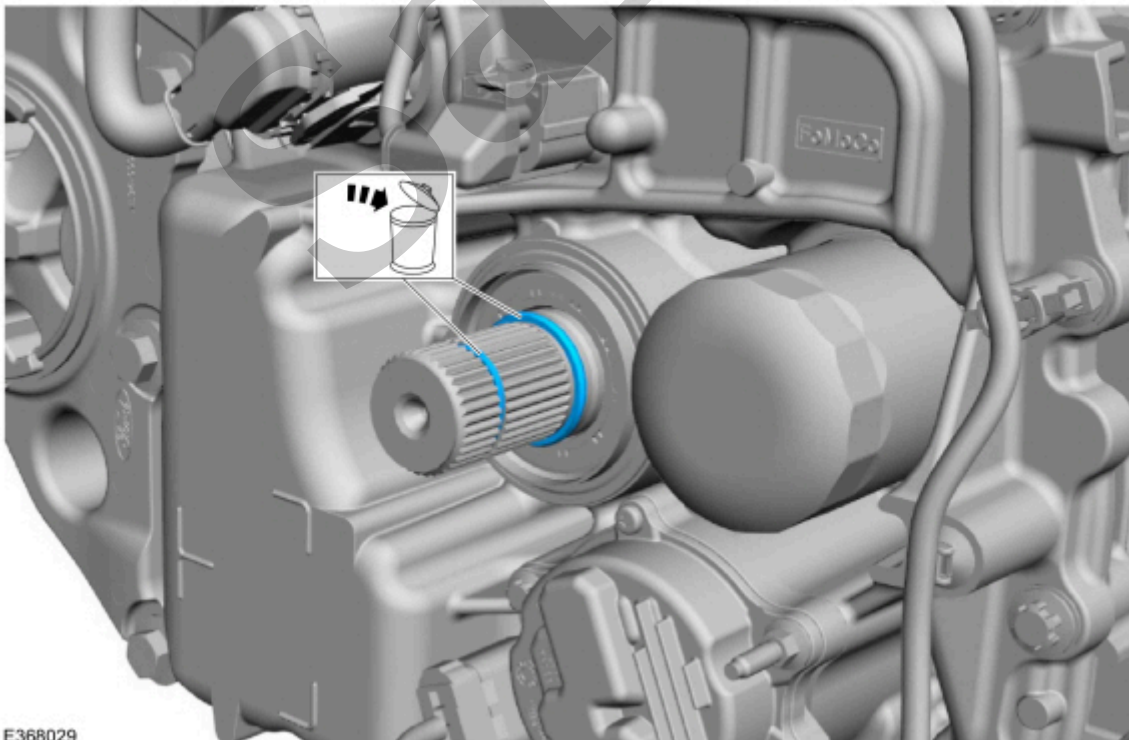


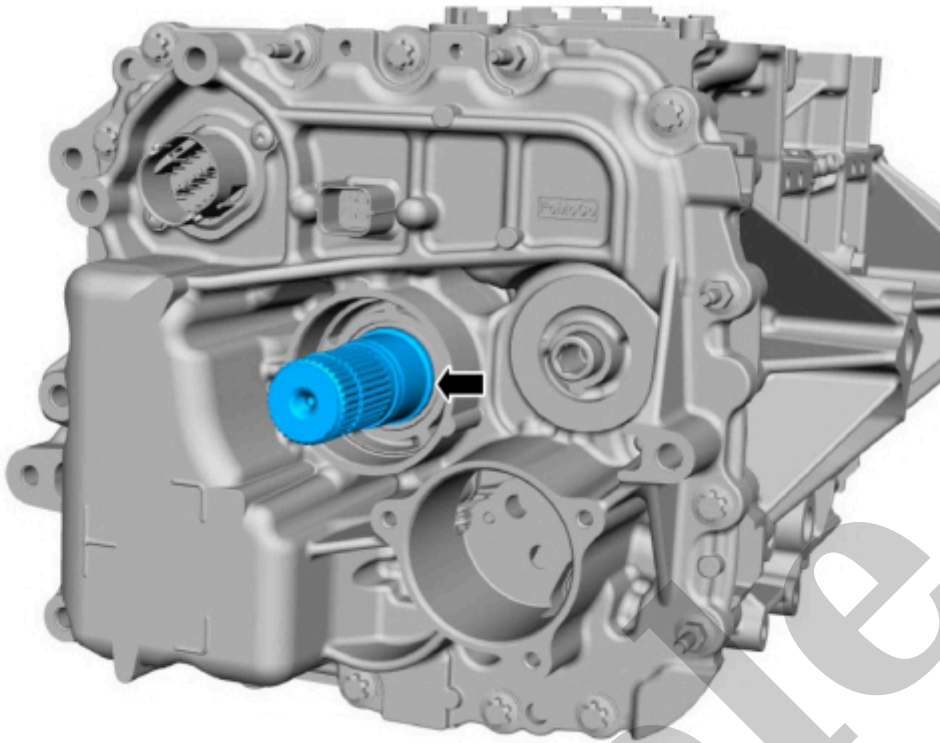
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

3. Remove the RH (right-hand) rear halfshaft.

Refer to: [Rear Halfshaft - Electric](#)(205-05 Rear Drive Halfshafts, Removal and Installation).

4. Remove and discard the circlip and the intermediate shaft retaining shaft spacer.

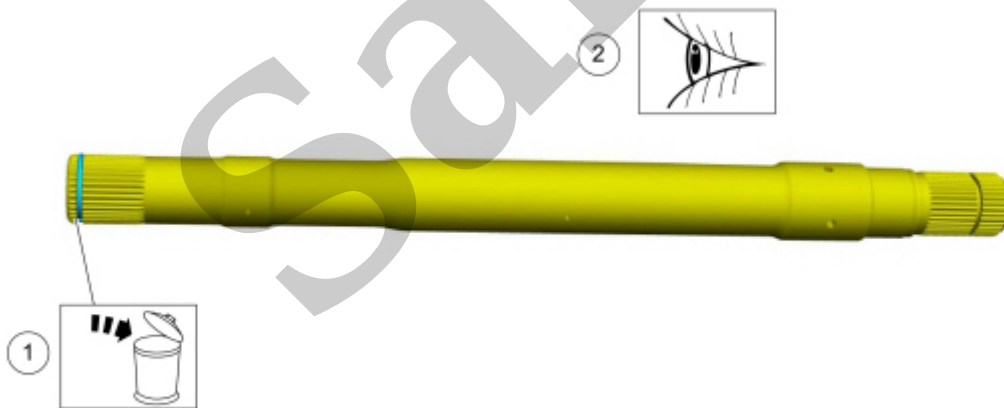




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7. 1. Remove and discard the intermediate shaft retaining circlip.
2. Inspect the intermediate shaft for wear or damage.

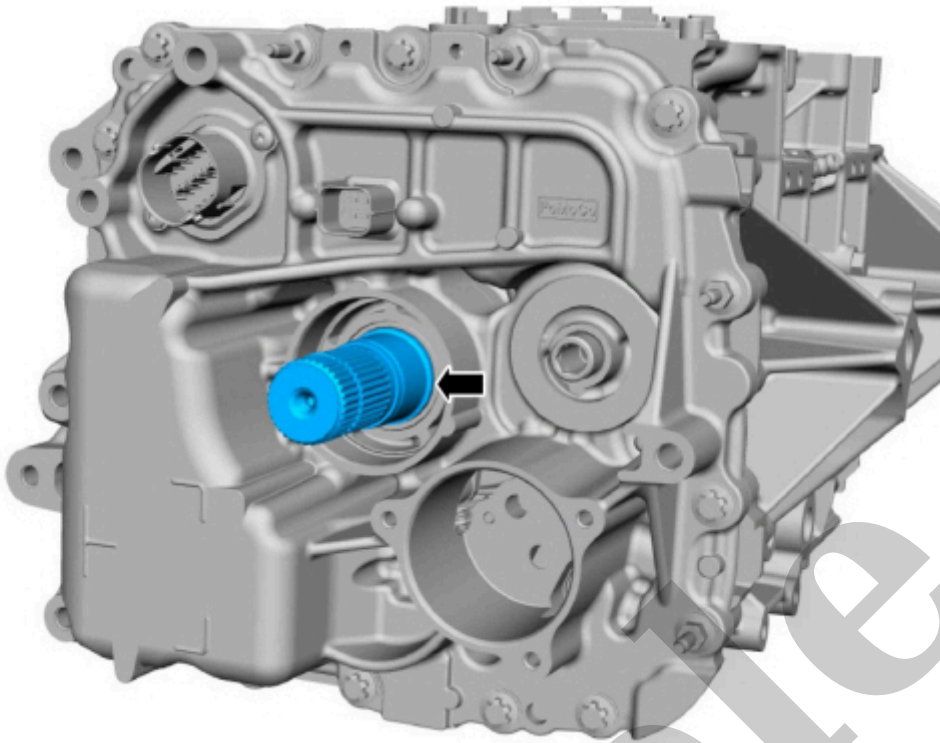


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Installation

1. Install the new intermediate shaft retaining circlip.

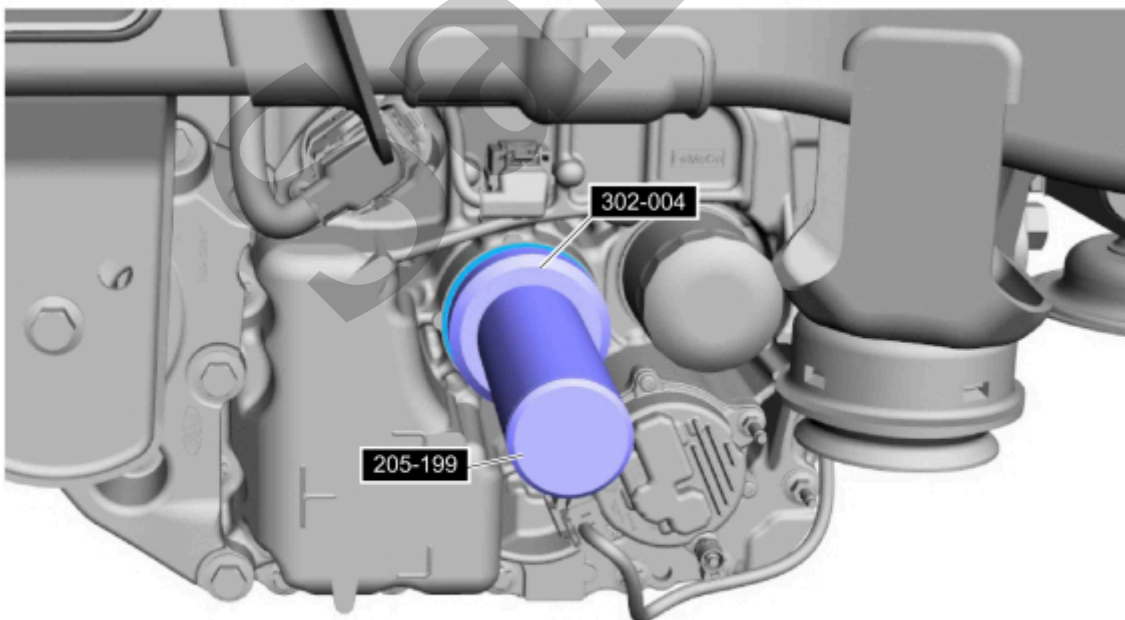


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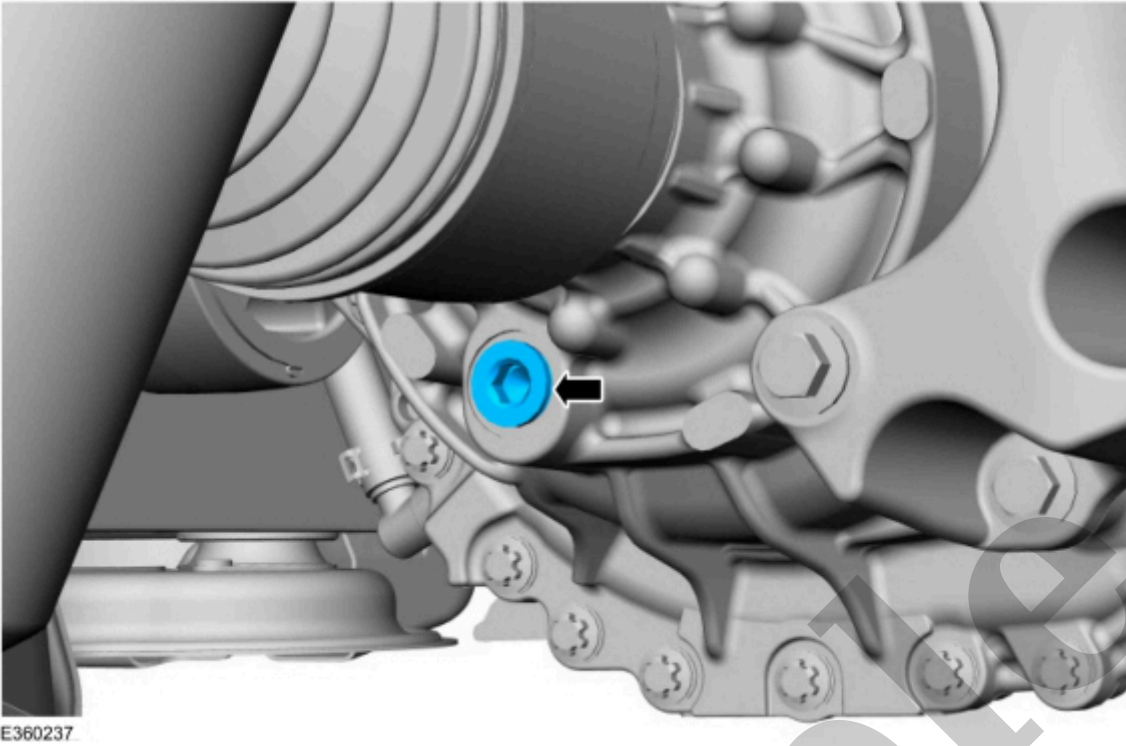
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3. Using the special tools, install the intermediate shaft seal.

Use Special Service Tool : 302-004 Installer, Axle Seal - (Also for Warthog U725 & CX727/China) , 205-199 (T83T-3132-A1) Installer, Spindle/Axle Shaft



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7. **NOTE**

This step requires the aid of another technician.

Install the rear underbody shield and the bolts.

Torque : 35 lb.ft (48 Nm)



Rear Halfshaft - Electric

<i>205-05 Rear Drive Halfshafts</i>	<i>2022 F-150</i>
<i>Removal and Installation</i>	<i>Procedure revision date: 08/3/2022</i>

Rear Halfshaft - Electric

Removal

NOTICE

Never pick up or hold the halfshaft by only the inner or outer Constant Velocity (CV) joint. Damage to the CV joint will occur.

NOTICE

Never use a hammer to remove or install the halfshafts. Damage to the CV joint may occur.

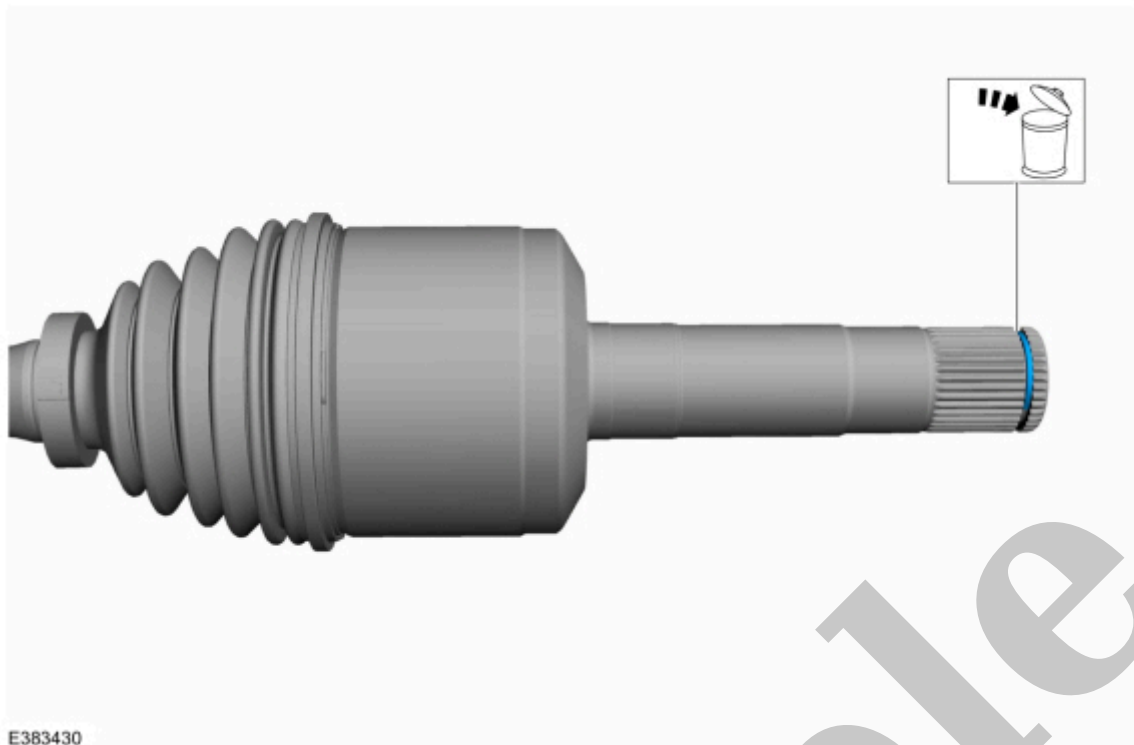
NOTICE

Never use the halfshaft assembly as a lever to position other components. Damage to the halfshaft or CV joint may occur.

NOTICE

Do not allow the boots to contact sharp edges or hot exhaust components. Damage to the halfshaft boots will occur.

NOTICE



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

Installation

1. LH Halfshaft.

1. Clean and inspect the inner and outer CV (constant velocity) joints.

2. **NOTE**

Make sure that a new component is installed.

Install the new inner halfshaft retaining circlip.

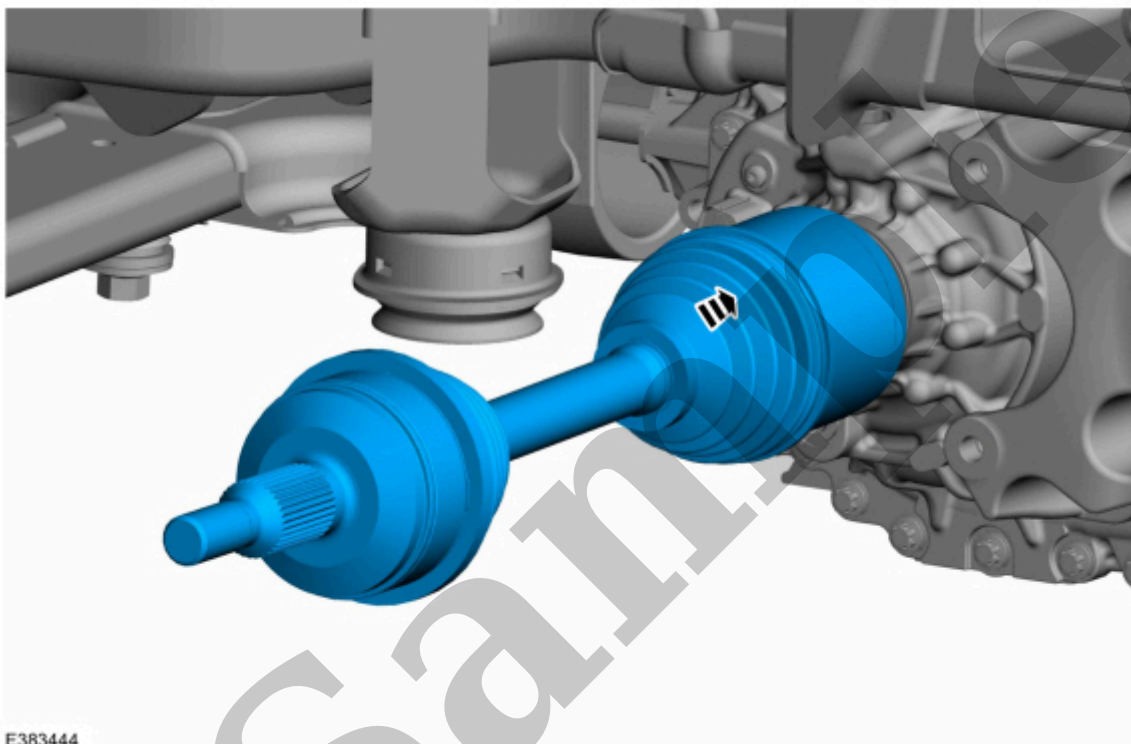
3. NOTICE

Take extra care not to damage the seal.

NOTICE

Make sure that the components are correctly engaged.

Install the rear halfshaft.



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

4. Check and top off the rear electric drive assembly oil level.

Refer to: Drive Assembly Oil Draining and Filling (302-02 Rear Electric Drive Assembly, General Procedures).

5. Install the trailing arm.

Refer to: [Trailing Arm - Electric](#)(204-02 Rear Suspension, Removal and Installation).

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Wheel Hubs and Bearings

205-02C Wheel Hubs and Bearings - 3/4 Floating Axle	2022 F-150
Diagnosis and Testing	Procedure revision date: 11/4/2020

Wheel Hubs and Bearings

Global Customer Symptom Code (GCSC) Chart

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: [Diagnostic Methods](#)

(100-00 General Information, Description and Operation).

Global Customer Symptom Code Chart

Customer Symptom	Action
Start/Run/Move > Fluids > Axle > Consumption	GO to Pinpoint Test B
Start/Run/Move > Fluids > Axle > Visible Leak	GO to Pinpoint Test A
Start/Run/Move > Noise > Moving/Driving > Always	GO to Pinpoint Test B

Symptom Chart(s)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: [Diagnostic Methods](#)

(100-00 General Information, Description and Operation).

Symptom Chart: NVH

Symptom Chart

(205-02B Rear Drive Axle/Differential - Vehicles With: Ford 9.75 Inch Ring Gear, General Procedures).

PINPOINT TEST B : WHINE, ROAR OR GROAN - NOISE FROM THE REAR AXLE

Normal Operation and Fault Conditions

REFER to: [Wheel Hubs and Bearings - Overview](#)(205-02C Wheel Hubs and Bearings - 3/4 Floating Axle, Description and Operation).

Possible Sources

- Rear axle housing lubricant fluid level

B1 CHECK DRIVELINE ANGLES

- Check rear axle housing lubricant level.

Is the axle housing lubricant level low?

Yes	Fill the rear axle assembly to specification. REFER to: Differential Fluid Level Check (205-02B Rear Drive Axle/Differential - Vehicles With: Ford 9.75 Inch Ring Gear, General Procedures).
No	REPAIR as necessary. REFER to: Wheel Hub (205-02C Wheel Hubs and Bearings - 3/4 Floating Axle, Removal and Installation).