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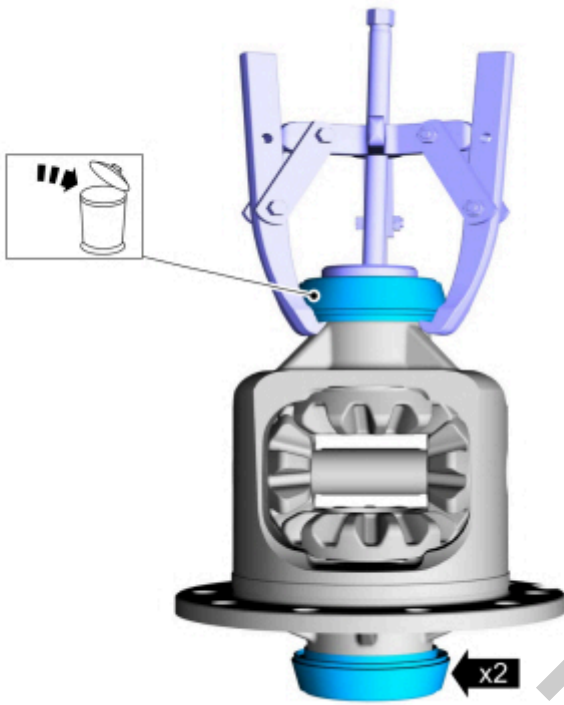
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2015 FORD Expedition OEM Service and Repair Workshop Manual

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Use Special Service Tool : 205-D061 (D83T-4205-C2) Step Plate

Use the General Equipment: Three Leg Puller



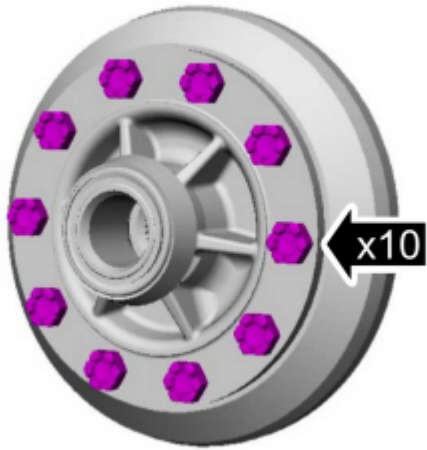
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Installation

1. Using the special tools, install the new differential bearings.

Use Special Service Tool : 205-010 (T57L-4221-A2) Installer, Differential Side Bearing



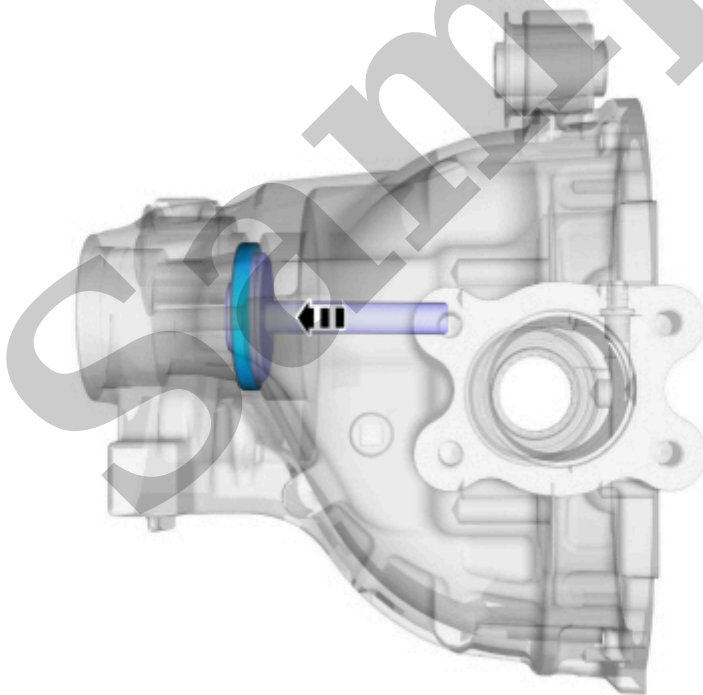
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4. If removed.

Using the special tool, install the new drive pinion oil baffle.

Use Special Service Tool : 205-D044 (D81T-4221-A) Installer, Differential Carrier Bearing



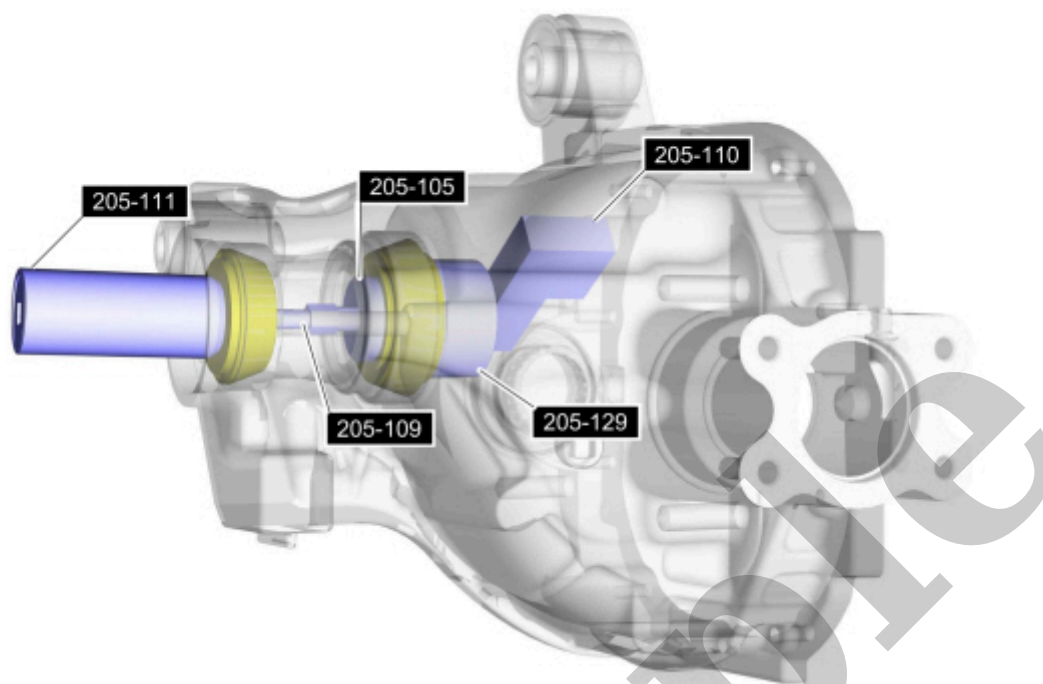
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5. **NOTE**

(T79P-4020-A18) Disc, Gauge

Torque : 19 lb.in (2.2 Nm)



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7. Rotate the special tools several half turns to ensure correct seating of the drive pinion bearings.

Use Special Service Tool : 205-110 (T76P-4020-A10) Gauge Block

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9. **NOTE**

Drive pinion bearing adjustment shims must be flat and clean.

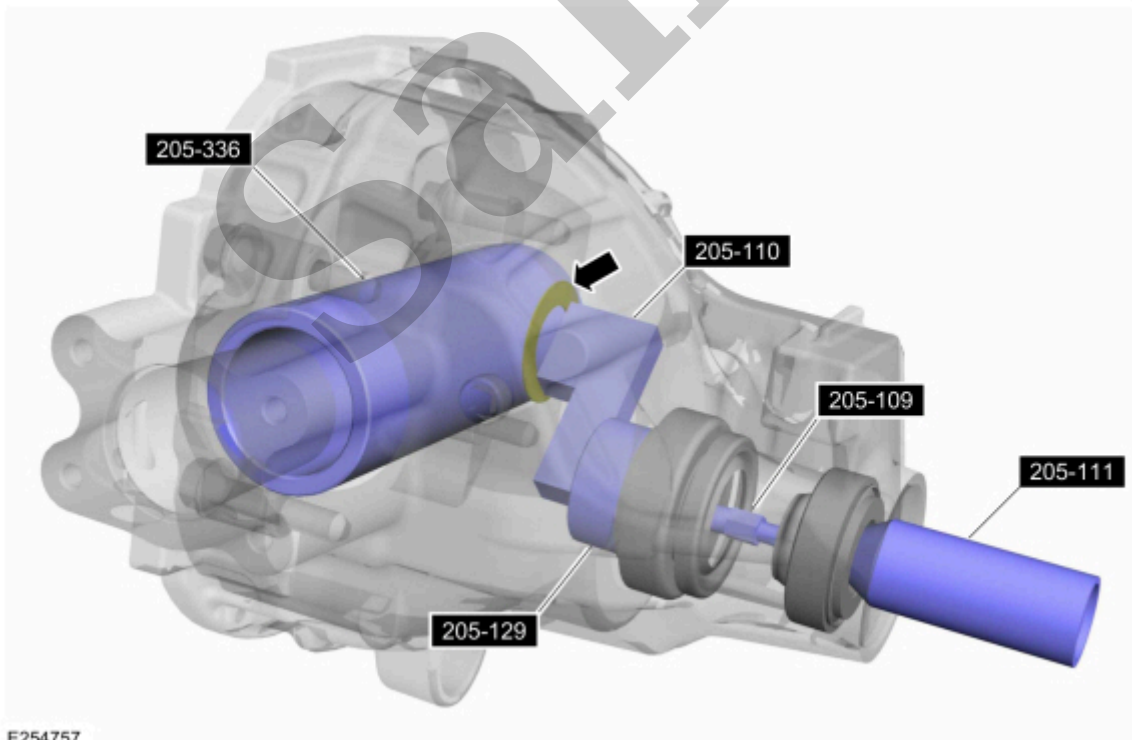
NOTE

A slight drag should be felt for correct drive pinion bearing adjustment shim selection. Do not attempt to force the drive pinion bearing adjustment shim between the gauge block and the gauge tube. This will minimize selection of a drive pinion bearing adjustment shim thicker than required, which results in a deep tooth contact in final assembly of integral axle assemblies.

Use a drive pinion bearing adjustment shim as a gauge for drive pinion bearing adjustment shim selection.

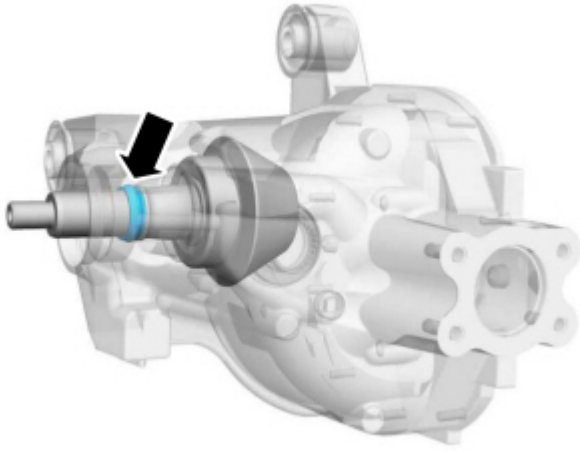
- After the correct drive pinion bearing adjustment shim thickness has been determined, remove all of the Adapters.

Use Special Service Tool : 205-111 (T76P-4020-A11) Handle , 205-109 (T76P-4020-A9) Adapter for 205-S127 , 205-110 (T76P-4020-A10) Gauge Block , 205-129 (T79P-4020-A18) Disc, Gauge , 205-336 (T93P-4020-A) Gauge Tube, Drive Pinion



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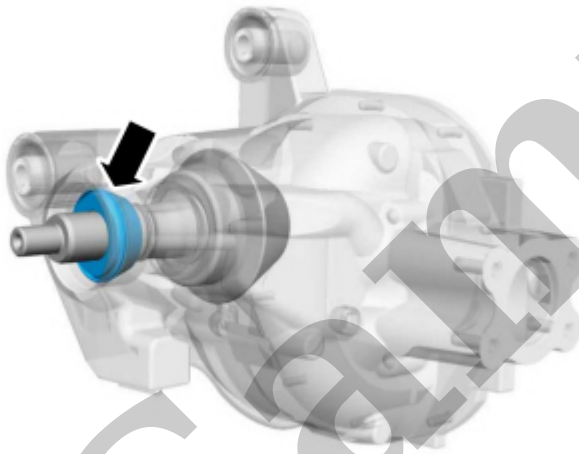
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13. Install the outer drive pinion bearing.



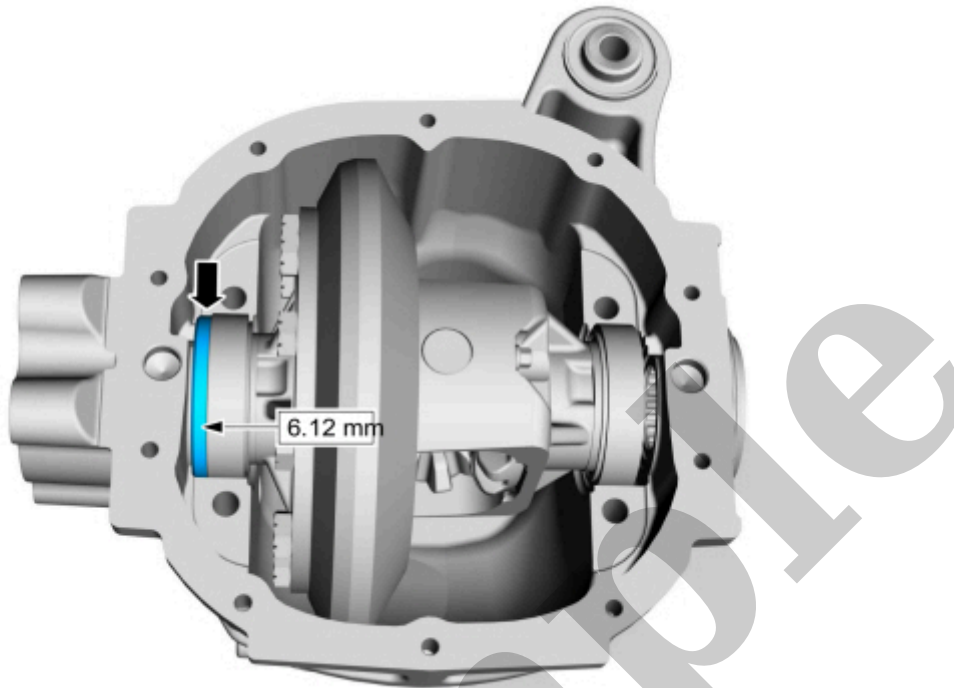
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14. Install the outer drive pinion oil slinger.

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17. Install a 6.12 mm (0.241 in) differential bearing shim on the LH (left-hand) side of the differential bearing.



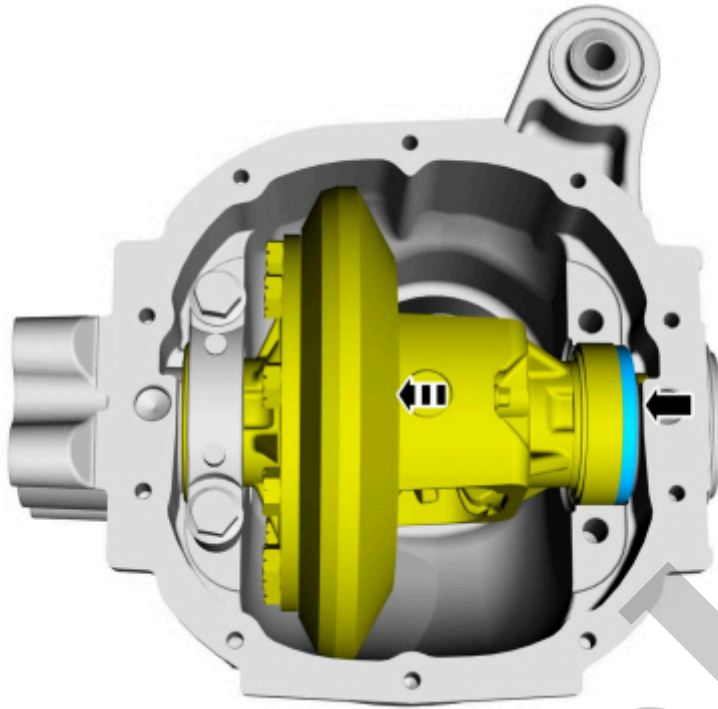
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18. **NOTE**

Apply pressure toward the left side to make sure the left differential bearing cap is seated.

Install the left differential bearing cap and loosely install the differential bearing cap bolts.

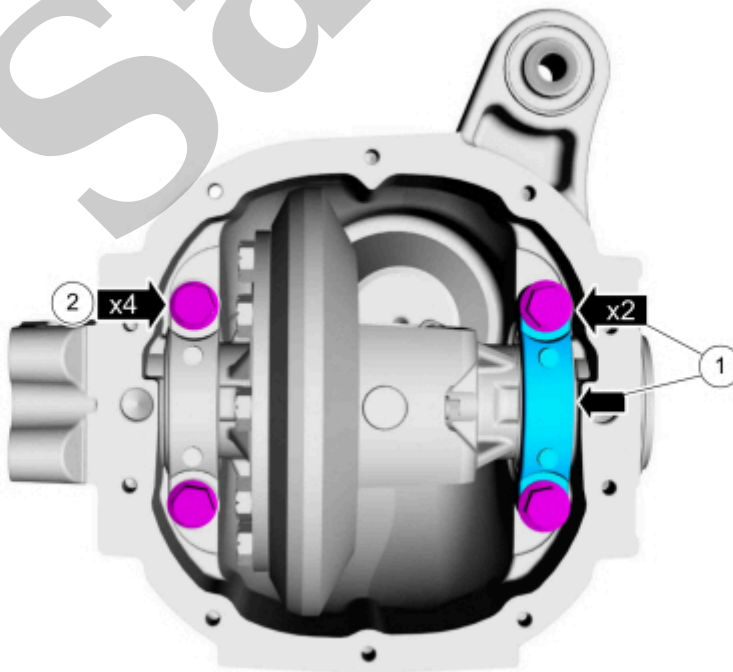


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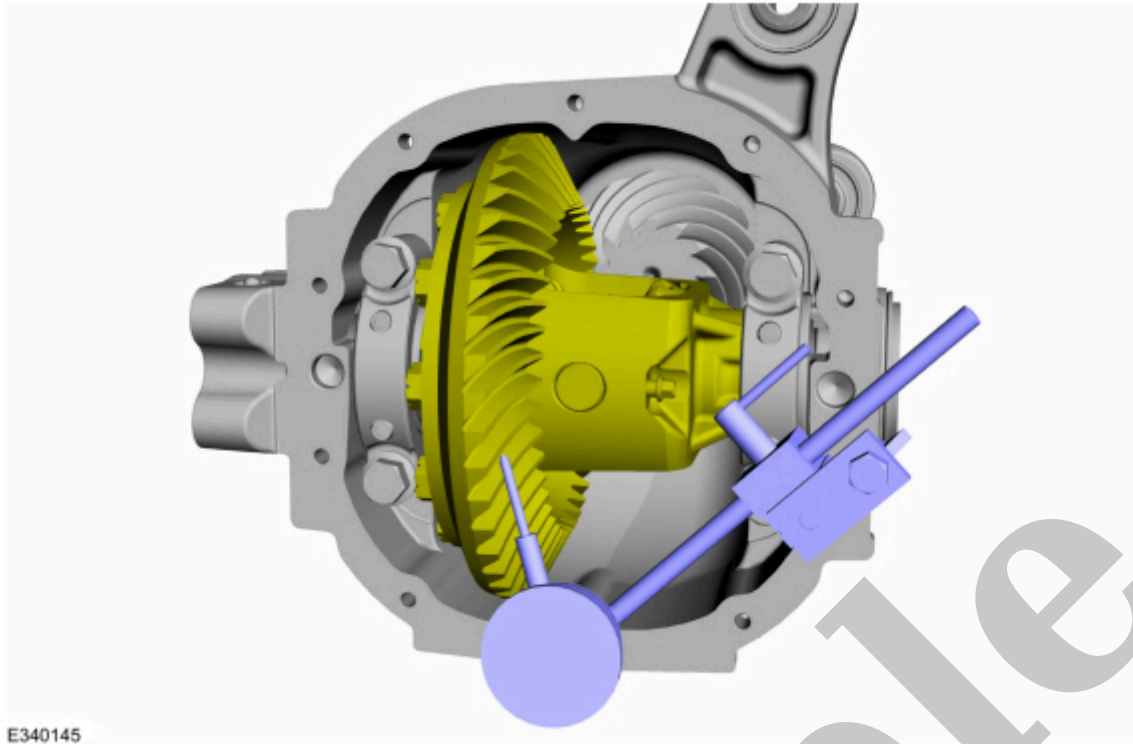
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20. 1. Install the RH (right-hand) differential bearing cap and bolts.
2. Tighten the differential bearing cap bolts.

Torque : 77 lb.ft (105 Nm)



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23. **NOTE**

Mark the differential bearing caps Top or Bottom and LH (left-hand) or RH (right-hand) appropriately before removing them. Always install the differential bearing caps in their original positions or damage to the component may occur.

Remove the differential cap bolts, differential caps and the carrier assembly.

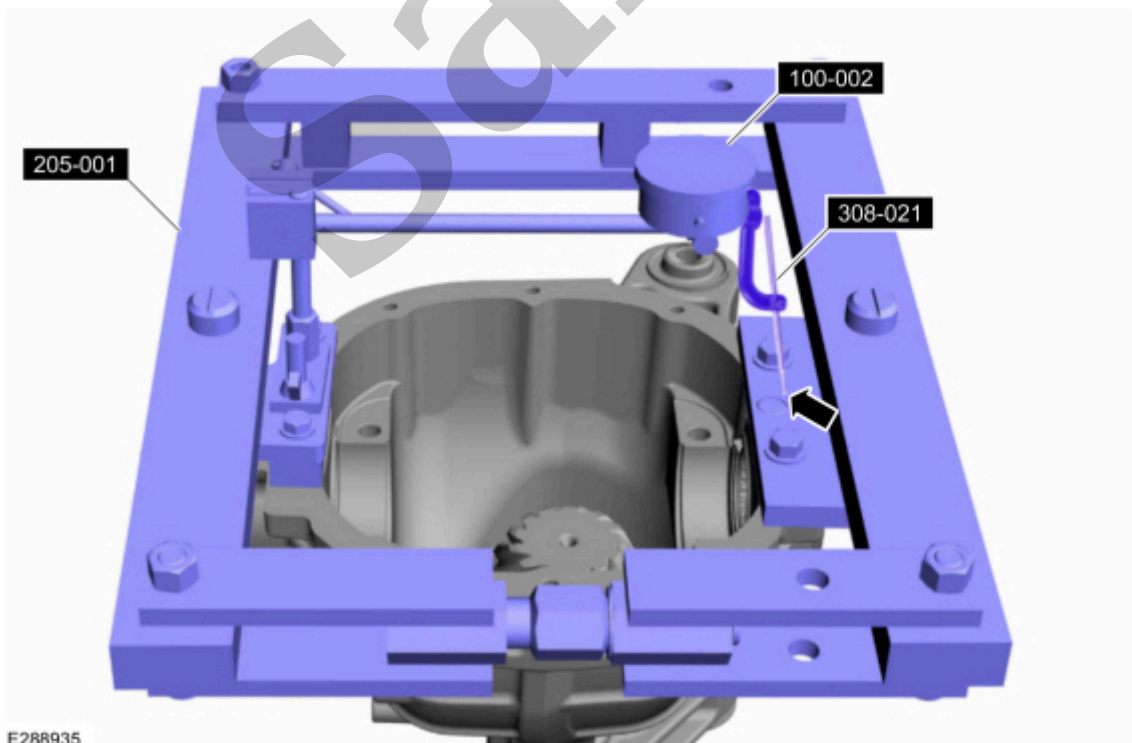


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25. Install the Dial Indicator Gauge with Holding Fixture, Clutch Housing Gauge and Differential Carrier Spreader.

Use Special Service Tool : 100-002 (TOOL-4201-C) Holding Fixture with Dial Indicator Gauge , 308-021 (T75L-4201-A) Gauge, Clutch Housing , 205-001 (TOOL-4000-E) Spreader, Differential Carrier



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