



**Part Number: M-4026-FST
Focus ST Quaife Differential Installation Kit
INSTALLATION INSTRUCTIONS**

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF FORD RACING PERFORMANCE PARTS.

Please visit www.fordracingparts.com for the most current instruction information

**!!! PLEASE READ ALL OF THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION.
AT ANY TIME YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE CALL THE FORD RACING
TECHLINE AT 1-800-367-3788!!!**

OVERVIEW:

The use of a floor hoist is recommended for this installation. If you do not have access to one, use a hydraulic floor jack and jack stands to raise the vehicle.

!!!CAUTION: JACK STANDS MUST BE USED ON A LEVEL SURFACE AND BE SECURELY SEATED. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY OR VEHICLE DAMAGE!!!

KIT INCLUDES:

Qty. 2	Axle Seal
Qty. 2	Differential Bearing
Qty. 10	Ring Gear Bolt
Qty. 2	Gasket Maker
Qty. 2	Threadlocker (1 Red, 1 Blue)

Note: This install kit is to be used with part number 2363-ATB-AA

Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356 Or www.helminc.com

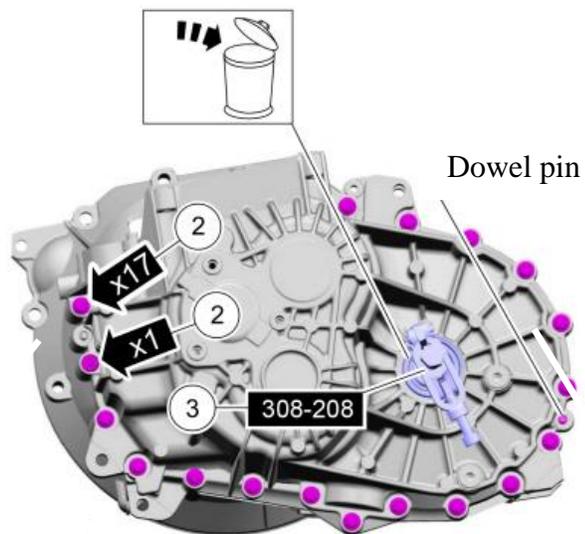
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With transmission removed from vehicle.

Transmission

NOTE: Make sure that the selector lever is in the neutral (N) position.

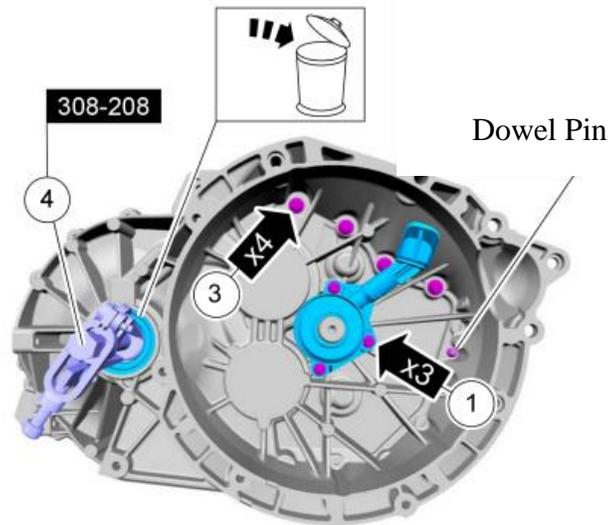
1. With transmission in neutral, remove the following bolts and axle seals. Install new axle seals upon reassembly



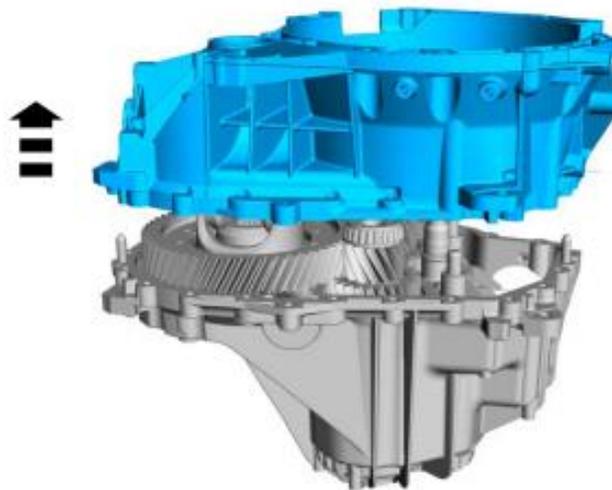
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2. Remove the following bolts and axle seal. Install new axle seals upon reassembly



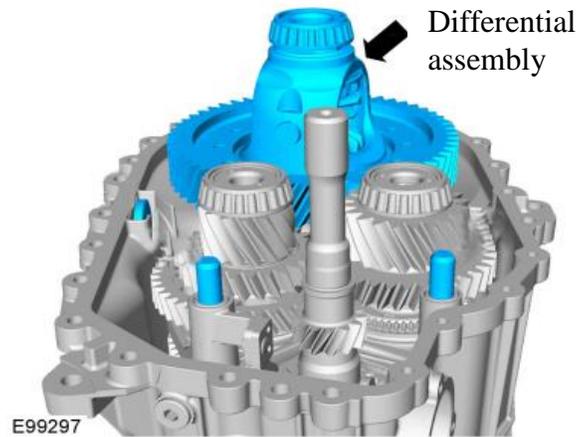
3. Separate case as shown.



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4. Remove differential assembly.

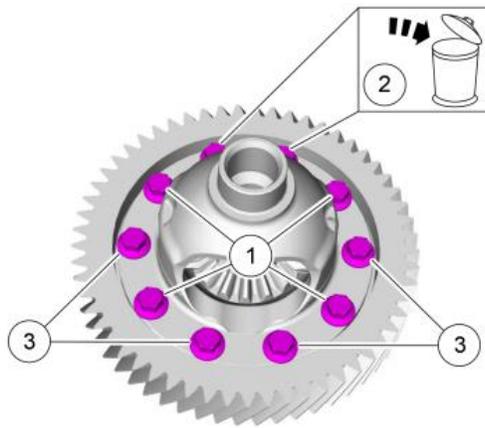


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Differential Disassembly

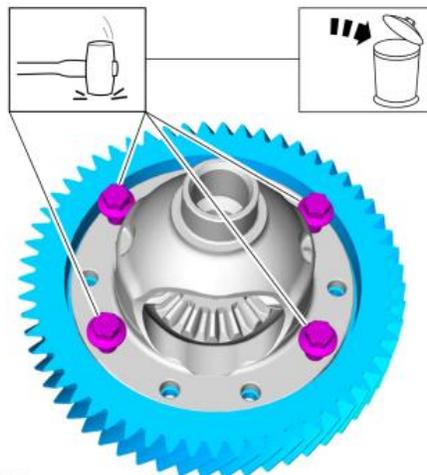
NOTICE: Use vise jaw protectors.

1. Remove the following items:
 1. Loosen: Four turn(s)
 2. Discard 6 bolts.
 3. Save four bolts for reassembly the ring gear.



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2. Tap down with rubber mallet.



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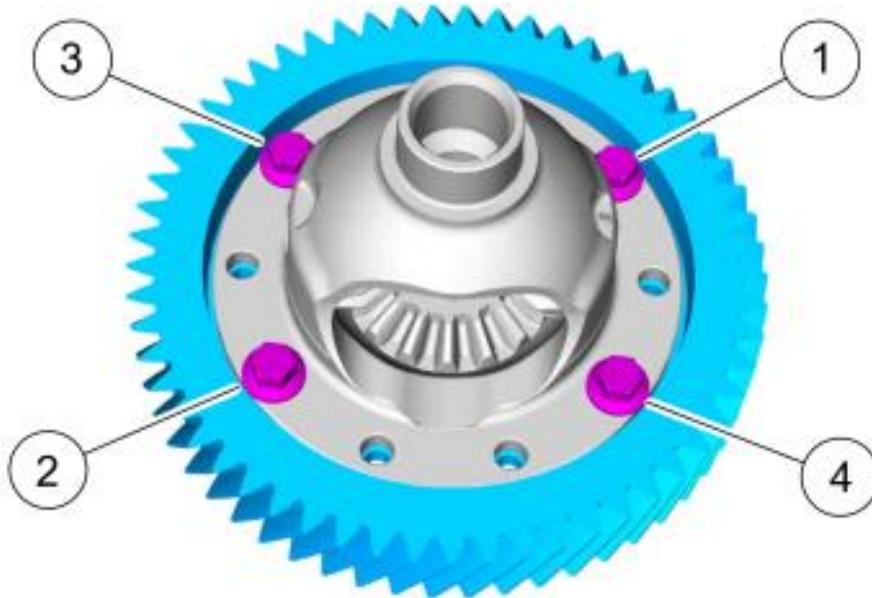
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ASSEMBLY

NOTICE: Use vise jaw protectors.

1. Clamp the differential in a vise.
2. **NOTE:** *Make sure that the mating faces are clean and free of foreign material.*

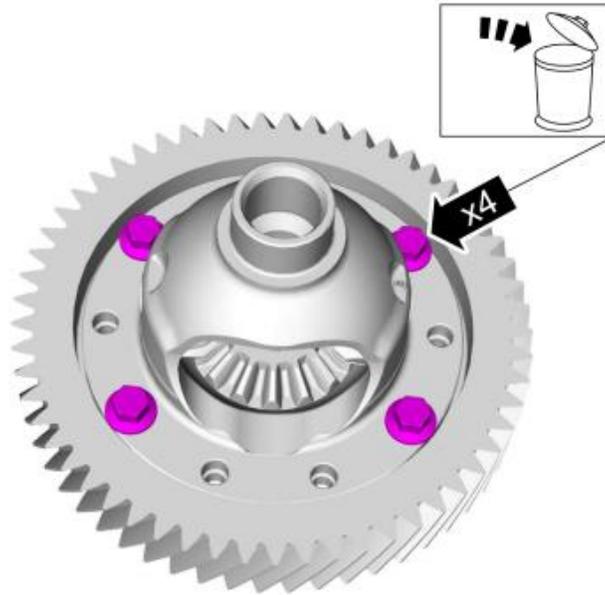
- Install the four bolts saved during disassembly.
- Tighten each bolt 1 turn at a time in the sequence shown.
Torque: 37 lb.ft (50 Nm)



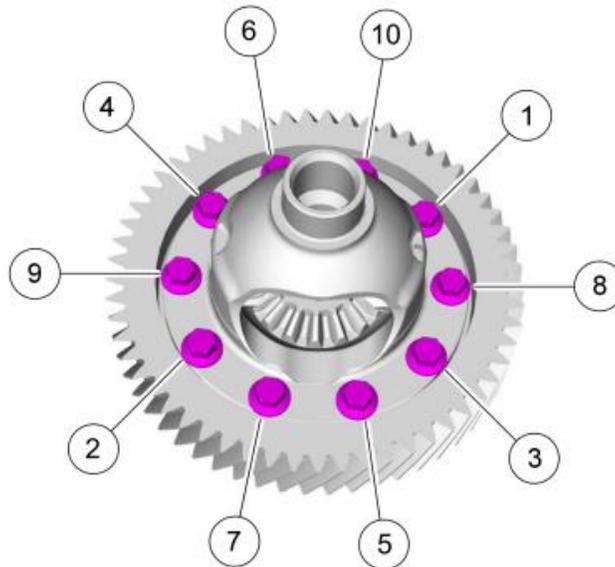
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3. Remove and discard the 4 bolts.



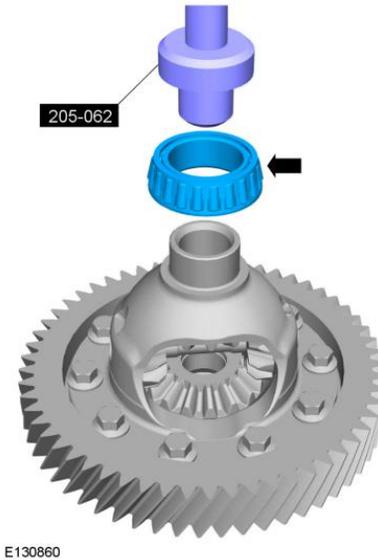
4. Install the 10 new bolts and tighten each bolt 1 turn at a time. (Apply red Loctite to all bolts)
Torque:
Stage 1: 37 lb.ft (50 Nm)
Stage 2: 90°



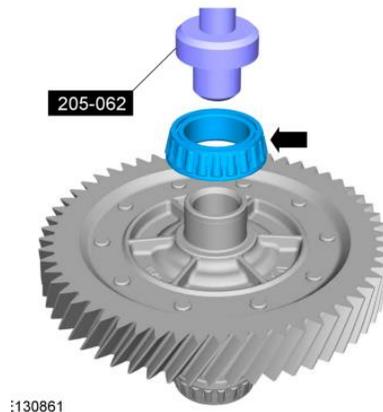
Part Number: M-4026-FST Focus ST Quaife Differential Installation Kit INSTALLATION INSTRUCTIONS

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5. The roller bearing must not be lubricated.
Use Special Service Tool: 205-062 Installer, Differential Bearing.



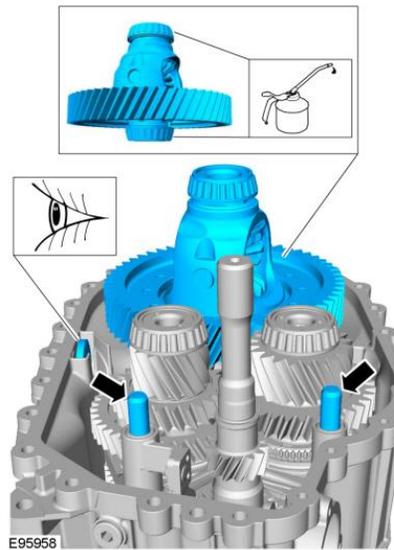
6. The roller bearing must not be lubricated.
Use Special Service Tool: 205-062 Installer, Differential Bearing.



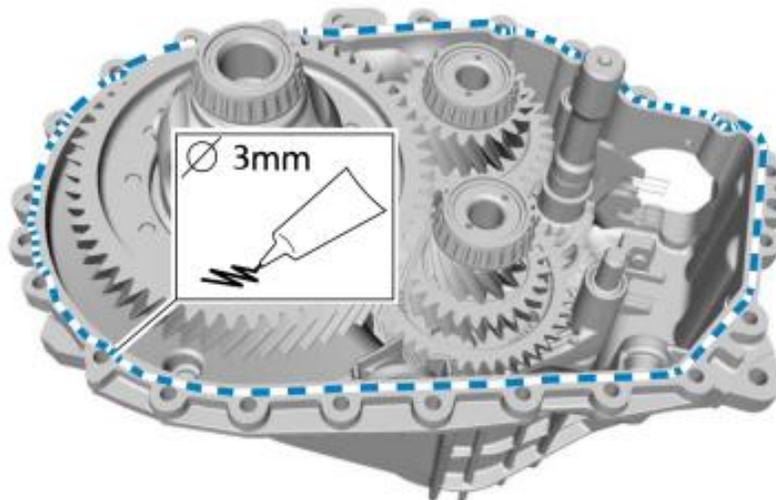
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Transmission Assembly

1. Apply Gear/Transmission Fluid - 75W to gears and bearings.



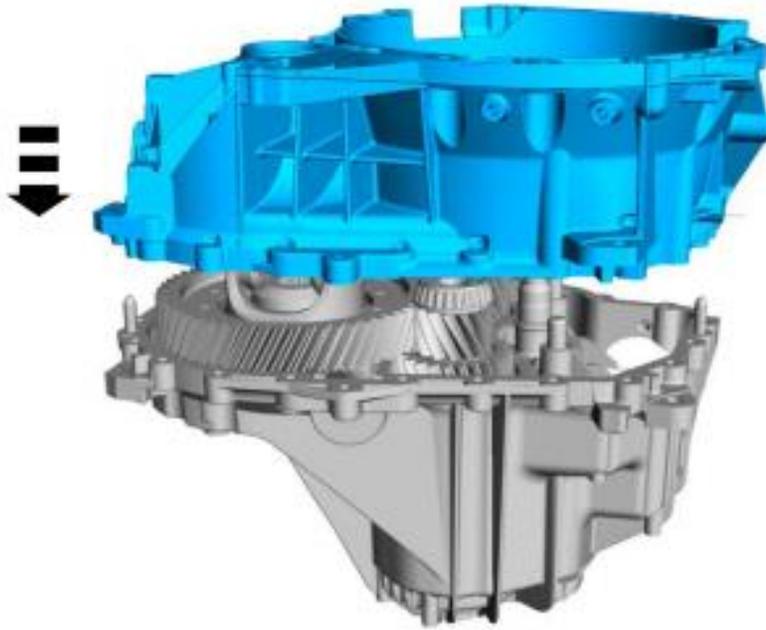
2. Clean mating surfaces of transmission case and apply sealant TA-16 gasket maker.



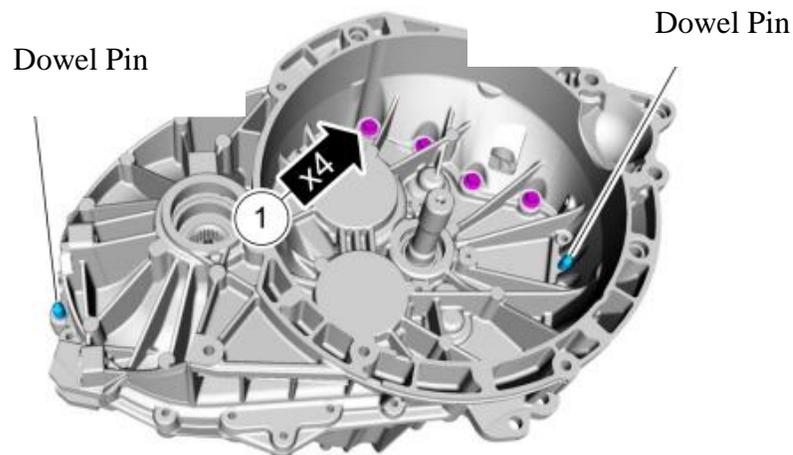
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3. Install cover.



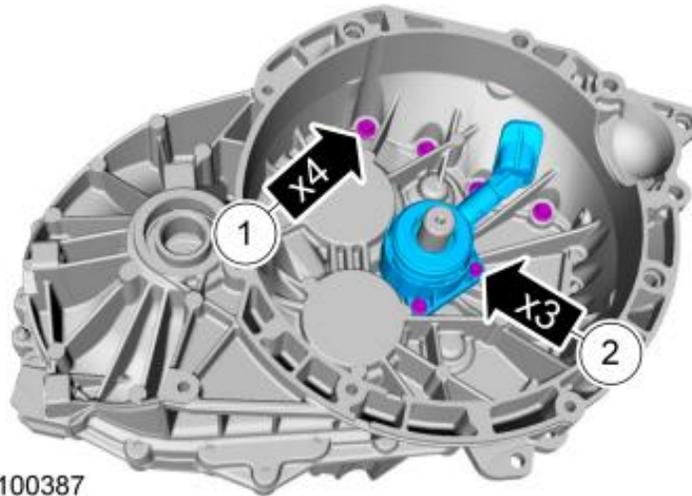
4. NOTE: Only tighten the bolts finger tight at this stage. Apply blue Loctite to all transmission bolts.



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5. Torque the following bolts.
1. Torque: 32 Nm
 2. Torque: 11 Nm



- 6.
1. Torque: 32 Nm
 2. Tighten the bolts diagonally in stages as shown.
Torque: 32 Nm
 3. NOTE: Replace both axle shaft seals.
 4. Use Special Service Tool: 205-115 Installer, Drive Pinion Seal.

