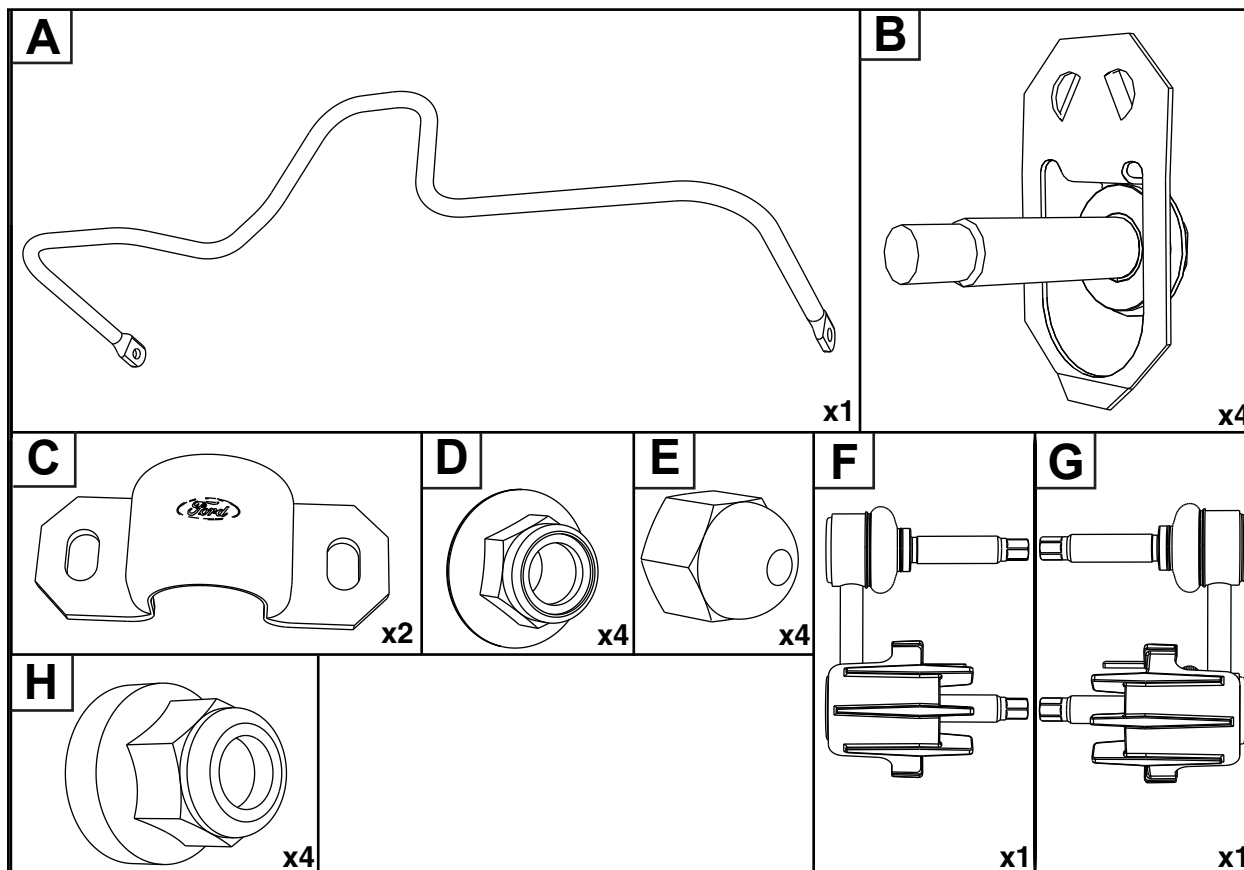


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PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPLETELY
For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information

Rear Stabilizer Bar



| Kit Contents | Description | Part Number |
|--------------|---|---------------|
| A | Rear Stabilizer Bar | NB3C-5A771-BB |
| B | Rear Stabilizer Bar Stud Plates | W712045-S439 |
| C | Rear Stabilizer Bar Bracket | NB3C-5488-AA |
| D | Rear Stabilizer Bar Bracket Nuts | W712334-S440 |
| E | Rear Stabilizer Bar Stud Plate Cap Nuts | W721710-S450 |
| F | Rear Stabilizer Bar Link (Left Hand) | NB3C-5C486-AA |
| G | Rear Stabilizer Bar Link (Right Hand) | NB3C-5C486-AA |
| H | Rear Stabilizer Bar Link Nuts | W712503-S440 |

Ford Factory Shop Manual purchase options www.motorcraftservice.com



M-18000-B2/B2A
2021 →
Bronco Rear Stabilizer Bar

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Tools Required

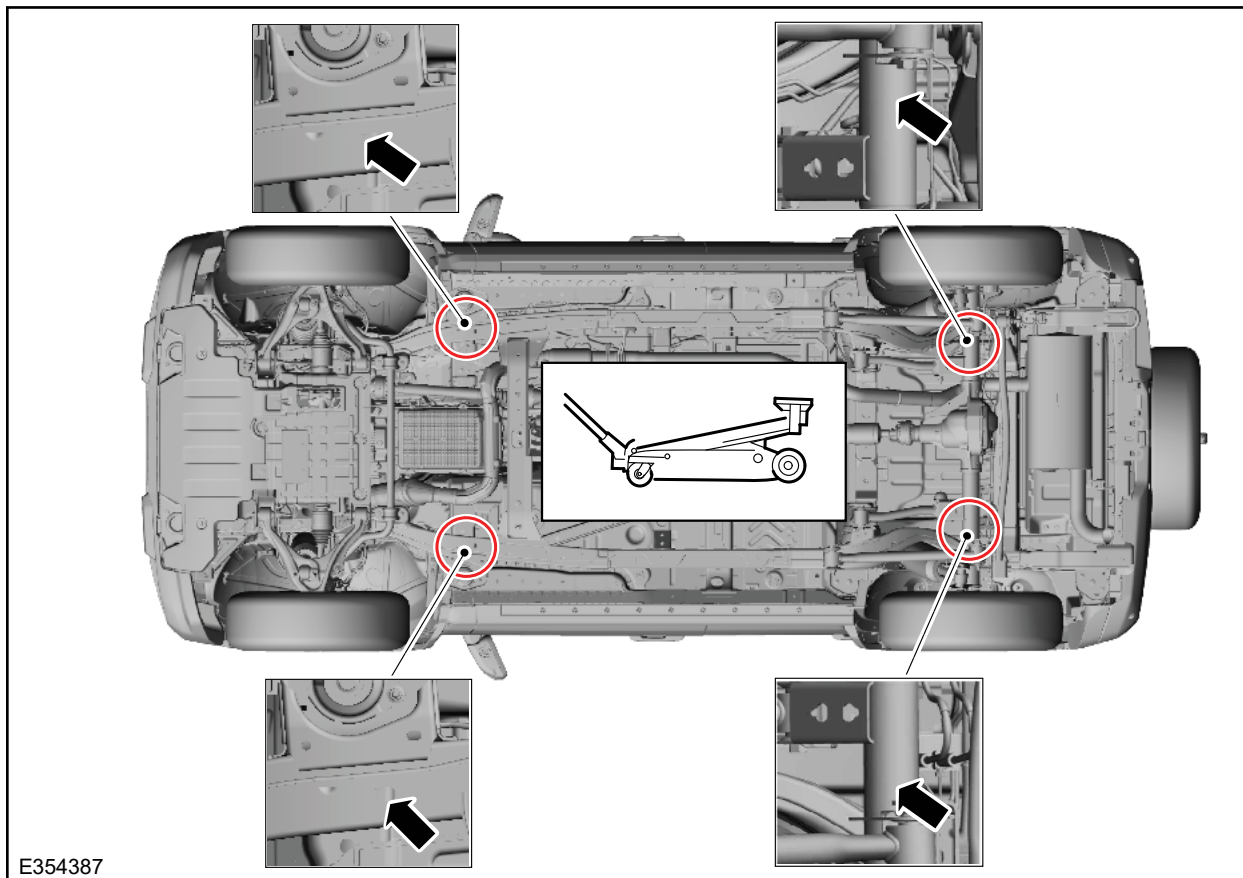


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Jacking and Lifting Points

Jacking Points

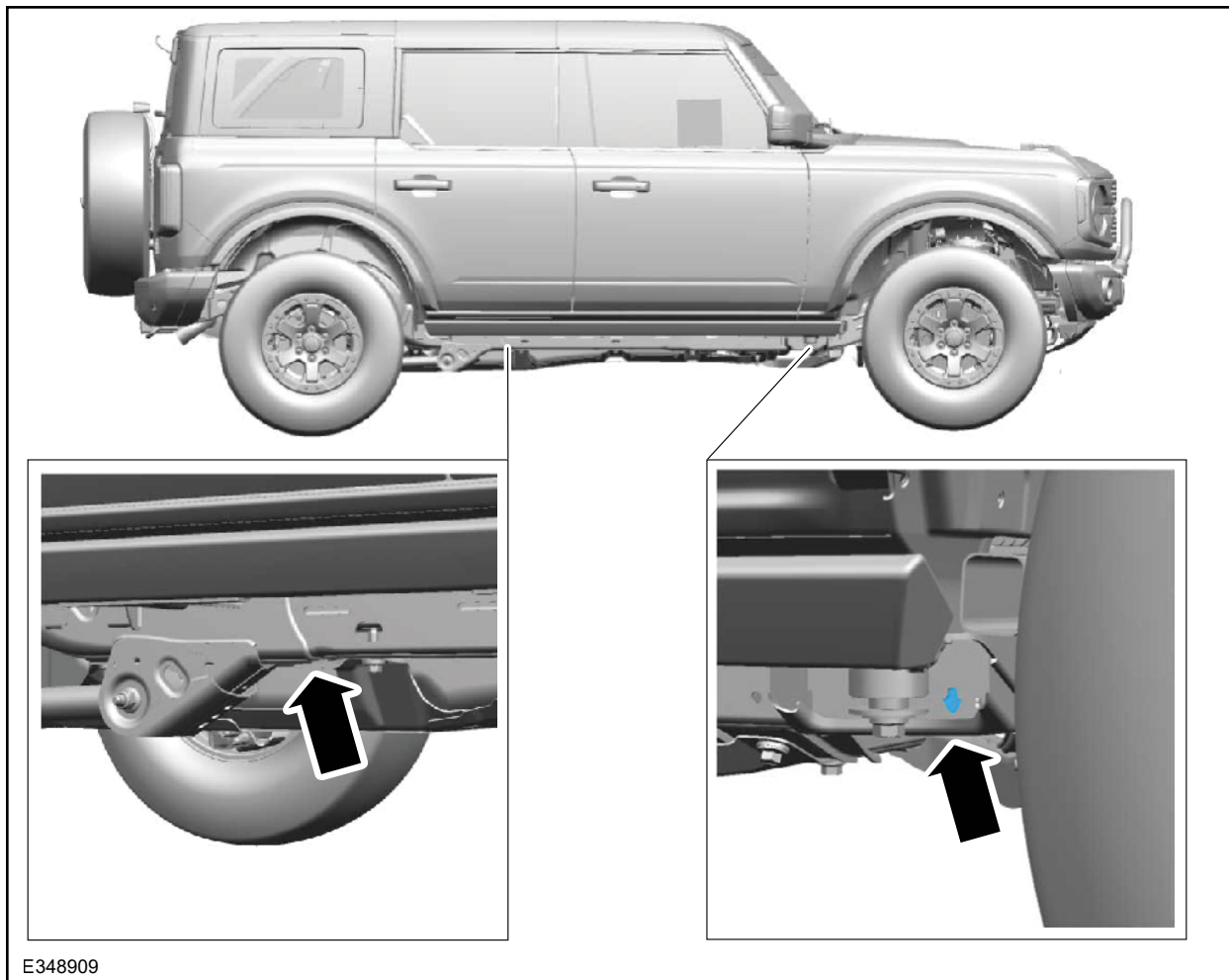


NOTE: 4-door shown, 2-door similar.

Only the specified jacking points may be used for jacking and supporting the vehicle.

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Lifting Points



NOTE: 4-door shown, 2-door similar.

NOTE: RH side shown, LH side similar.






The lifting points for both the 2 and 4-door variants are aft of the front wheels on the chassis frame as indicated, and fore of the suspension rear trailing arm on the chassis frame.

⚠ WARNING: Before raising the vehicle on a hoist, make sure the hoist capacity is adequate for the vehicle weight, including any vehicle cargo or modifications. Do not use the engine to power the drive wheels unless all drive wheels are elevated off the ground. Incorrect hoist arm positioning or drive wheels in contact with the ground can cause unintended vehicle movement. Failure to follow these instructions may result in serious personal injury or death.



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-  **WARNING:** Position the hoist lift arms as shown in the illustration. Incorrect positioning could result in vehicle slipping or falling from the hoist. Failure to follow this instruction may result in serious personal injury.
-  **WARNING:** Never get underneath a vehicle that is supported only by a jack. The jack could unintentionally lower. Always support vehicle with floor stands. Failure to follow these instructions may result in serious personal injury.
-  **WARNING:** Identify the correct jacking points by locating the triangle stamped into the unibody sheet metal or vehicle frame or molded into the body rocker moulding. Raising a vehicle in any other location may result in vehicle shifting or falling. Failure to follow this instruction may result in serious personal injury.
-  **WARNING:** Only raise the vehicle when positioned on a hard, level surface. Attempting to raise the vehicle on an uneven or soft surface may result in vehicle slipping or falling from the jack or jackstand. Failure to follow this instruction may result in serious personal injury.
-  **WARNING:** When jacking or lifting the vehicle, block all wheels remaining on the ground. Set the parking brake if the rear wheels will remain on the ground. These actions help prevent unintended vehicle movement. Failure to follow these instructions may result in serious personal injury.

NOTICE: The jack provided with the vehicle is intended to be used in an emergency for changing a deflated tire. To avoid damage to the vehicle, never use the jack to hoist the vehicle for any other purpose.

NOTICE: Do not attempt to jacking on the front bumper or the rear bumper on any vehicle. Damage to bumper covers will occur.

NOTICE: Do not attempt to jacking on the front control arm or rear control arm on any vehicle. Damage to control arms may occur.

NOTICE: Do not use the differential housing as a lift point. Leaks or damage to the rear axle cover and adjoining differential housing surface may occur if a floor jack or any lifting device is allowed to contact the cover at any point where the cover joins the housing.

NOTICE: Place blocks underneath the lifting points if a two-column hoist is used.

NOTICE: Damage to the suspension, exhaust or steering linkage components may occur if care is not exercised when positioning the hoist adapters prior to lifting the vehicle.

NOTICE: To prevent possible damage to the underbody, do not drive the vehicle onto the drive-on lift without first checking for possible interference.

NOTICE: When raising a vehicle on a two-column hoist, use care when positioning the vehicle so that the hoisting forks do not interfere with suspension components, mounting brackets or stabilizer mounting brackets, if equipped. In addition, use care in hoist positioning to avoid possible damage to the axle or rear cover.

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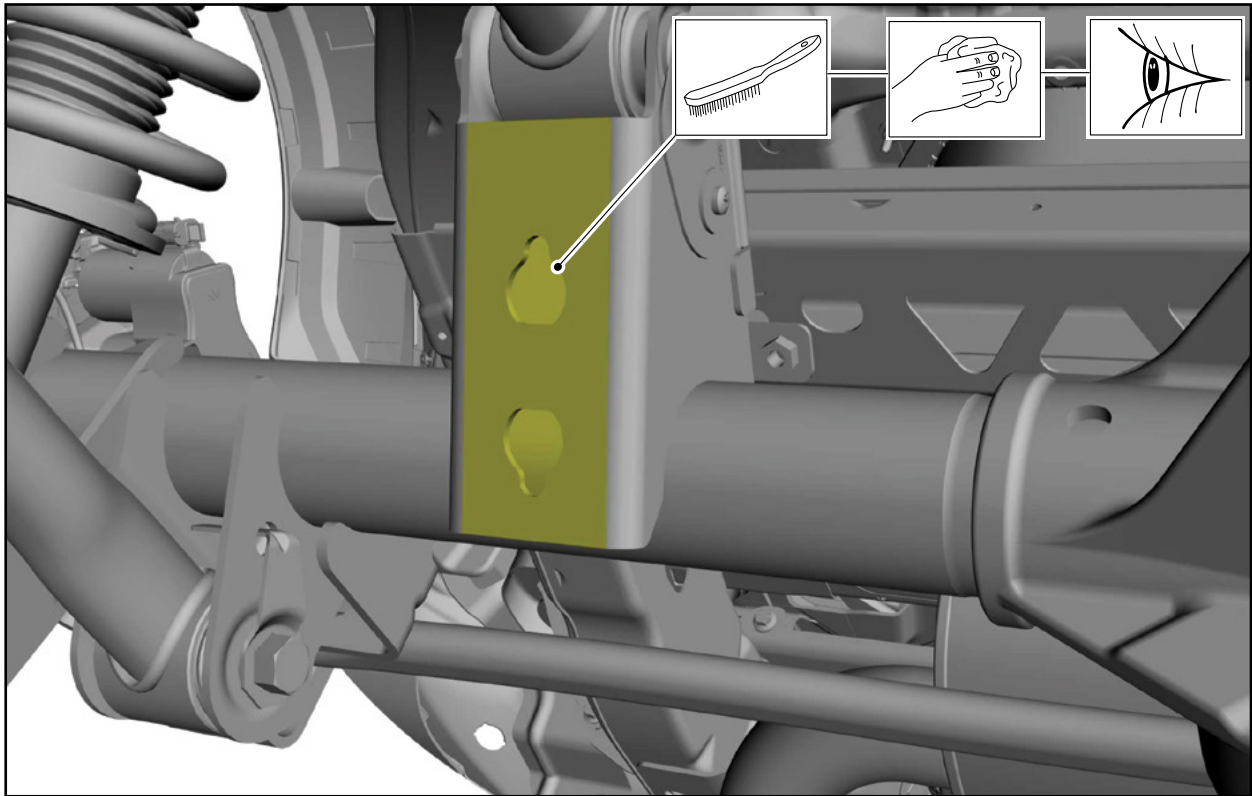
INSTALLATION PROCEDURE - Rear Stabilizer Bar

NOTICE: Suspension fasteners are critical parts that affect the performance of vital components and systems. Failure of these fasteners may result in major service expense. Use the same or equivalent parts if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Tighten fasteners as specified.

NOTICE: Both surfaces must be thoroughly cleaned before inserting the new stud plates into the frame bracket holes. Any debris left under the stud plate flanges will prevent the joint from being securely tightened; allowing the joint to loosen and the stabilizer-bar to detach from the frame.

NOTICE: Make sure that the mating faces are clean and free of corrosion and foreign material.

1. Inspect and thoroughly clean both sides of the frame bracket mounting surfaces.

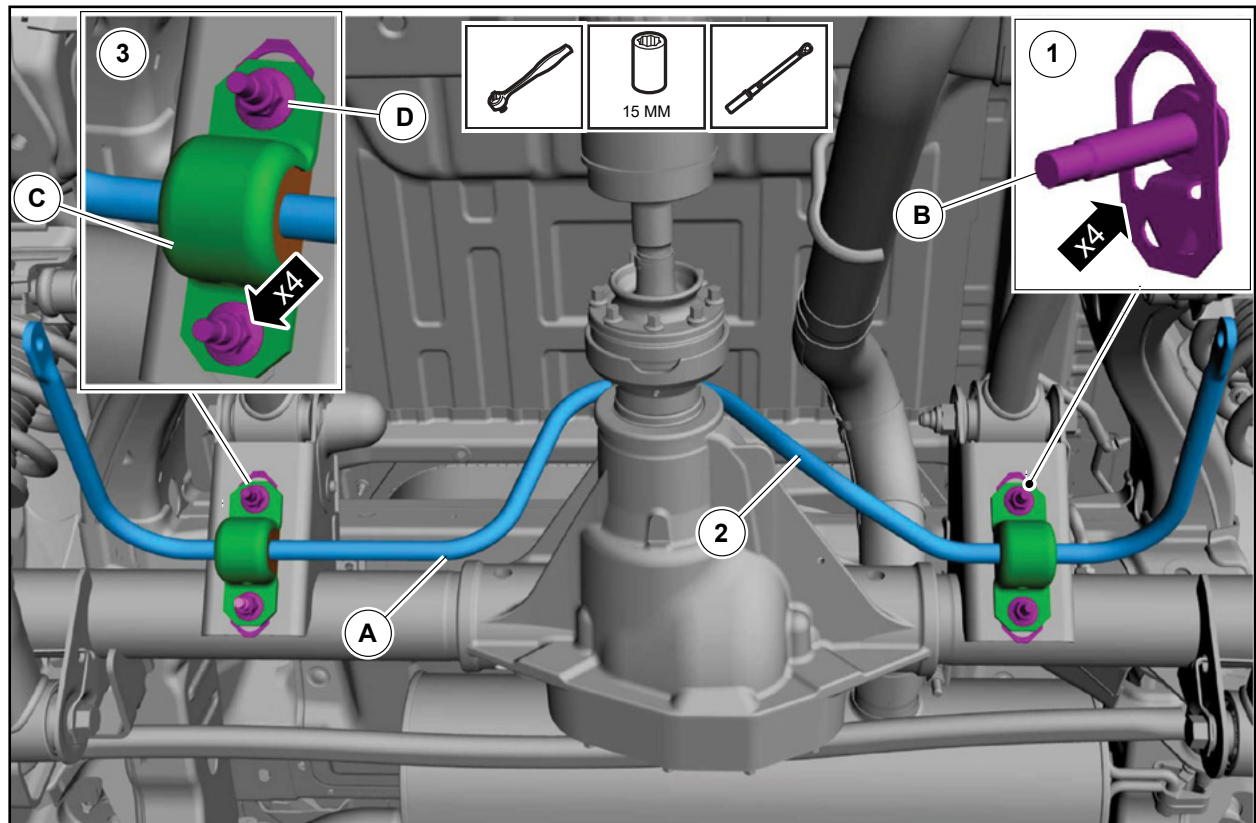


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2. Install the stabilizer bar.

1. Insert the stud plates into the frame bracket holes.
2. Position the stabilizer bar.
3. Install the rear stabilizer bar bracket nuts.

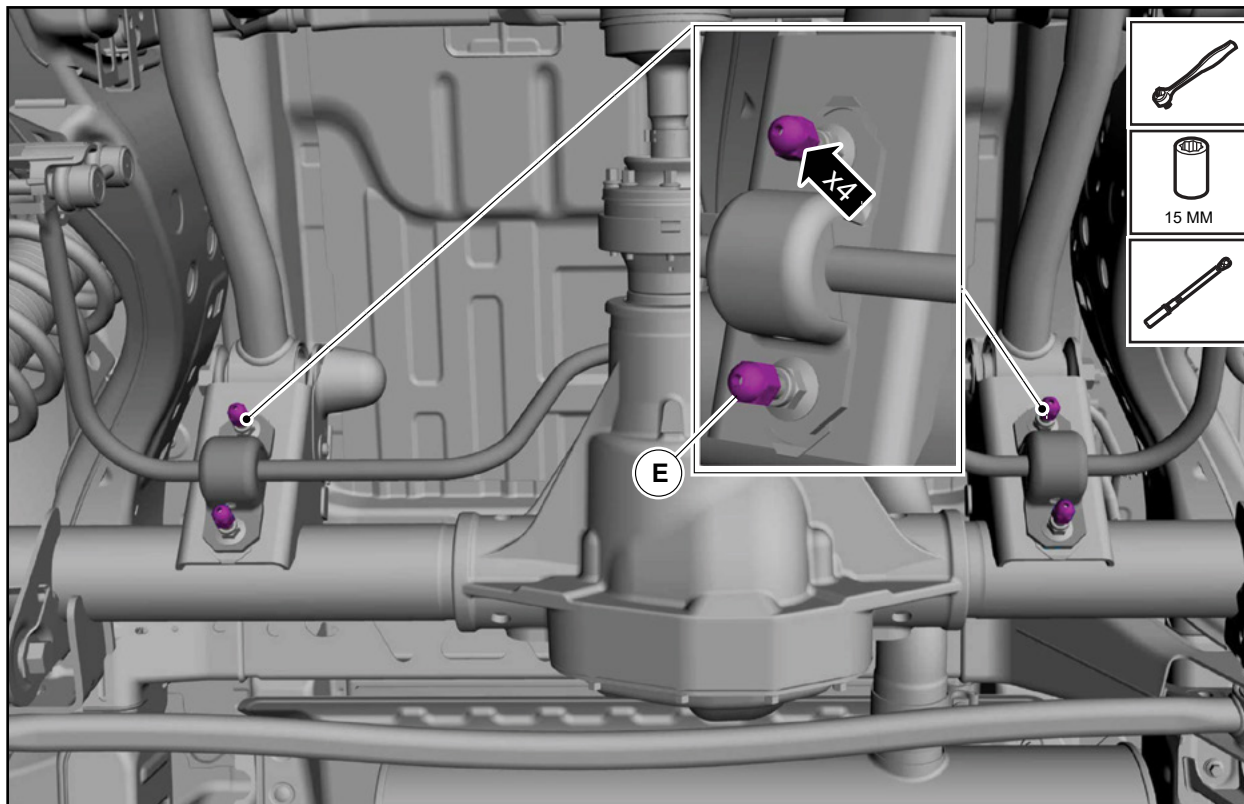
Torque: 30 lb.ft (40 Nm)



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3. Install the stabilizer bar stud plates cap nuts.

Torque: 133 lb.in (15 Nm)



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NOTICE: Do not use power tools to remove or install the stabilizer bar link nuts. Damage to the stabilizer bar link ball joints and boots may occur.

NOTE: The stabilizer bar links are designed with low friction ball joints that have a low breakaway torque.

NOTE: Use the hex-holding feature to prevent the ball stud from turning while removing the stabilizer bar link nut.

NOTE: Exercise care in handling link ball joint studs. **DO NOT** over-articulate ball joint studs or damage the protective rubber ball joint boots.

4. Install the stabilizer bar link and the upper and lower nut.

Torque: 85 lb.ft (115 Nm)

NOTE: Left Hand (LH) side shown, Right Hand (RH) side similar.

