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

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

Please visit www.performanceparts.ford.com for the most current instruction.

PLEASE READ ALL OF THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS, PLEASE CALL THE FORD PERFORMANCE TECHLINE AT 1-800-367-3788

Use of a shop hoist is recommended to raise the vehicle. Alternative methods can properly use a hydraulic floor jack and jack stands.

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



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FORD PERFORMANCE

M-2300-BUL

2015 - 2020

Mustang Bullitt Brake Kit Installation Instructions

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Kit CONTENTS

- 2- Front Brake Hoses (front L&R)
- 2- Front Disk Dust Shields (front L&R)
- 2- Rear Disk Dust Shields (rear L&R)
- 2- Front Rotors
- 2- Rear Rotors
- 1- Left Front Caliper
- 1- Right Front Caliper
- 1- Set of Front Brake Pads
- 1- Left Rear Caliper
- 1- Right Rear Caliper
- 2- Rear Caliper Supports
- 1- Set of Rear Brake Pads
- 6- Dust Shield Bolts
- 6- M6x16mm Bolts
- 4- M14x47mm Bolts
- 4- M12x38mm Bolts
- 2- Banjo Bolts M10x1.5
- 8- Copper Banjo Bolt Washers
- 2- Front Caliper Pin/Clip Kits
- 2- Rear Caliper Pin/Clip Kits

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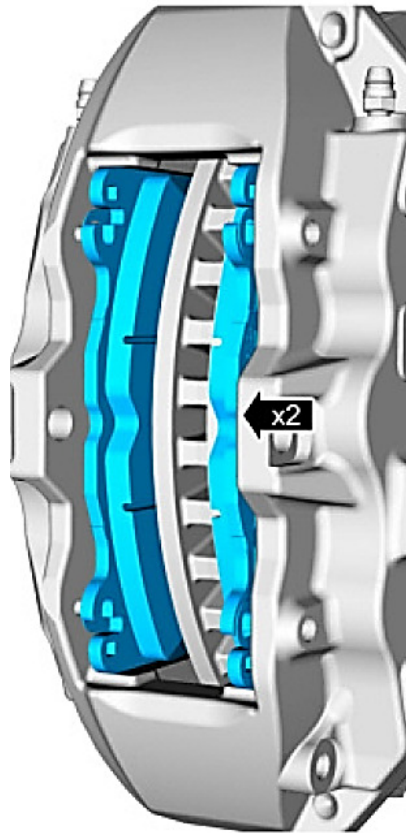
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Position it on a hoist and raise to a convenient working height.
Remove the wheels.

NOTICE: *If the brake fluid is spilled on the paint, clean the affected area immediately with a non-aggressive cleaner, i.e. wax and grease remover.*

Front Brake Kit

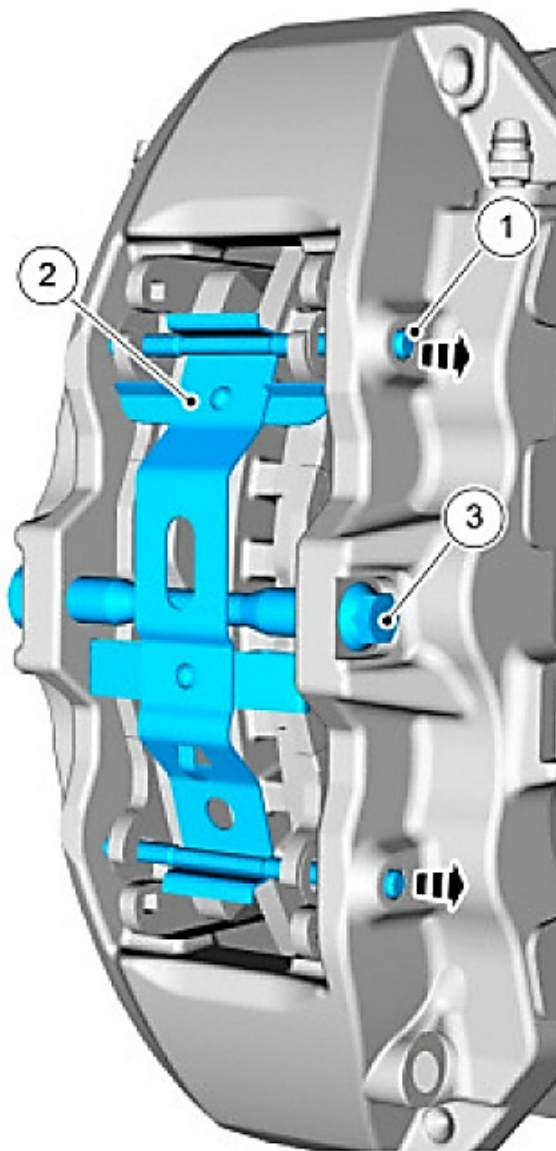
Pre-build the Front Calipers



- Load the Brake Pads into the Calipers with the included Shims.

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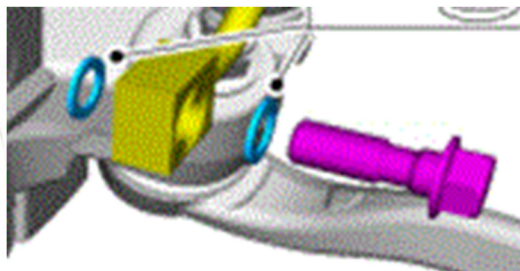
- Install one of the Caliper Pins then, install the Brake Pad Retention Clip on that pin then, press the clip down and install the second pin. The Pins install from the back to the front.
Take note of the above photo to reference the orientation of the Clip.
- Install the Caliper Pin Bolt (3) with the retention Bolt fastened from the back side.
Torque: 22 lb/ft (30 Nm.)

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- Install the provided Brake Hoses on the Calipers using the provided Banjo Bolts and two (2) Copper Washers per Brake Hose. The Calipers ARE directional. Be sure the Bleeder Screws are pointing up when caliper is installed on vehicle. (the photo below shows the left Front Caliper)

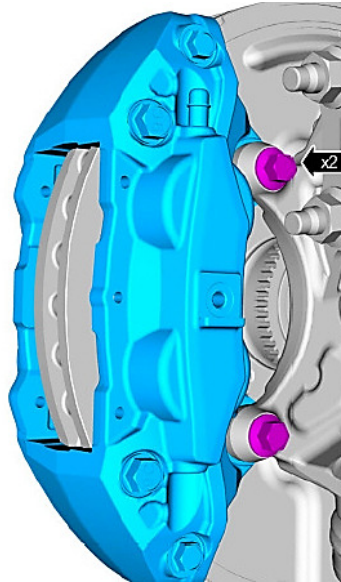


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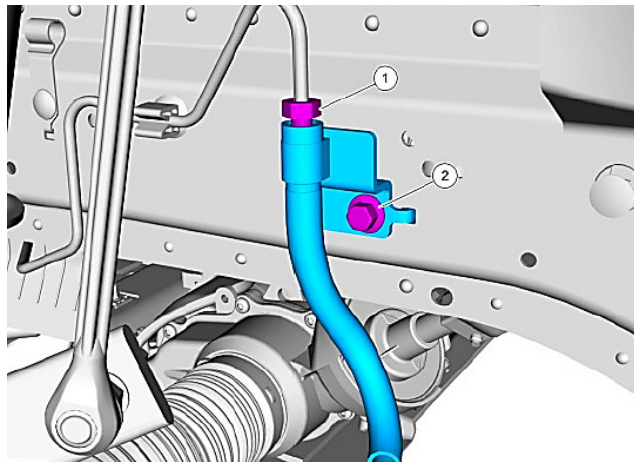
Remove the Calipers

NOTE: 4 Piston Calipers shown, 2 and 6 Piston similar



- Loosen the 2 bolts for the brake caliper.

Remove the Flexible Brake Hose



NOTE: Be sure to use a proper Line Wrench to avoid damaging the Fitting.

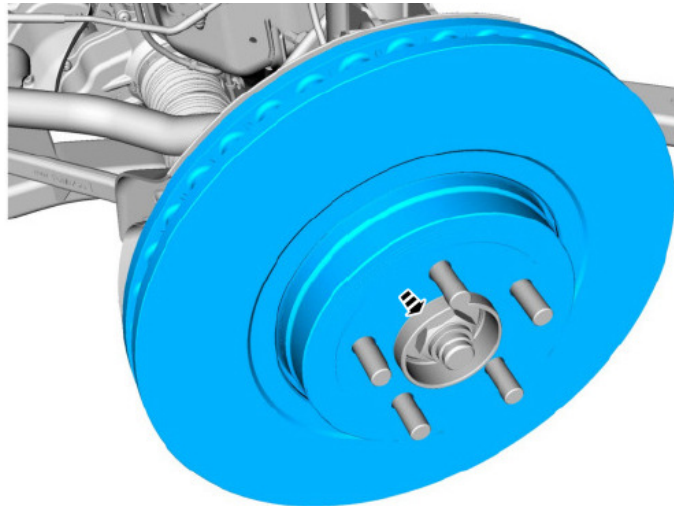
- 1. Disconnect the brake tube fitting.
- 2. Remove the bolt and the front brake flexible hose.

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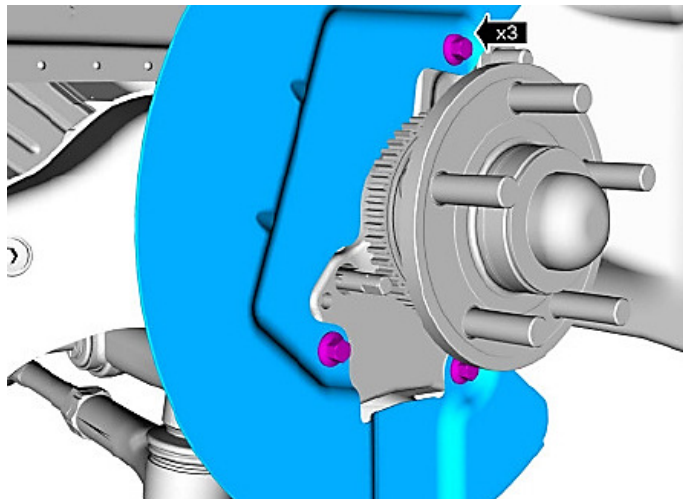
- Remove the Caliper and Hose Assembly together.

Remove the Rotor



- Remove the brake disc.

Remove the Rotor Dust Shields



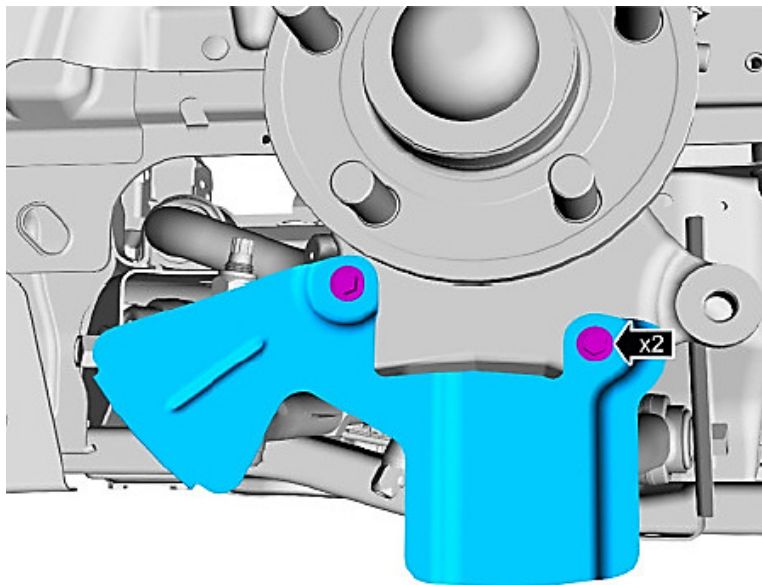
NOTE: 4 Piston Shield shown, 2 and 6 Piston similar.

- Remove the 3 bolts and the brake disc shield.

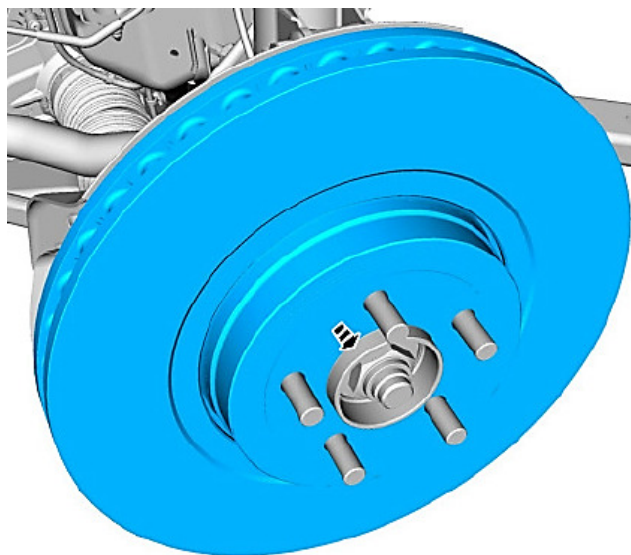
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Install the supplied Brake Disk Shields
Torque: 177 lb.in (20 Nm)



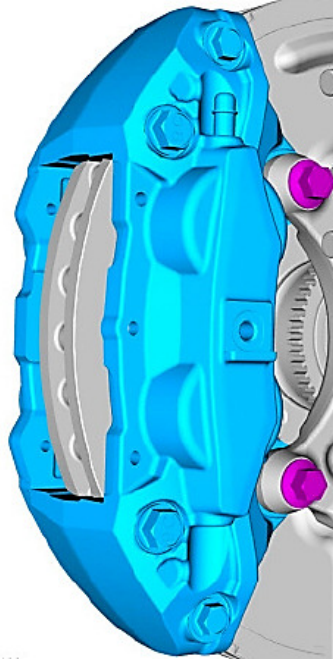
Install the supplied Front Rotors



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Install the supplied Calipers



- Install the Caliper using the supplied bolts.
Torque: 85 lb.ft (115 Nm)

- Torque Flexible Brake Hose to caliper.
Torque: 35 lb.ft (48 Nm)

NOTE: *Be sure to use a proper Line Wrench to avoid damaging the Fitting.*

- Torque flexible brake hose to brake tube fitting.
Torque: 155 lb.in (17.5 Nm)
- Torque flexible brake hose bracket bolt to frame rail.
Torque: 18 lb.ft (25 Nm)

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Rear Brake Kit

- Install the Bellows and Rubber Isolator on the Caliper Pins.



- Lubricate the Pins as shown above. Also note the orientation of the Bellows on the Pins.

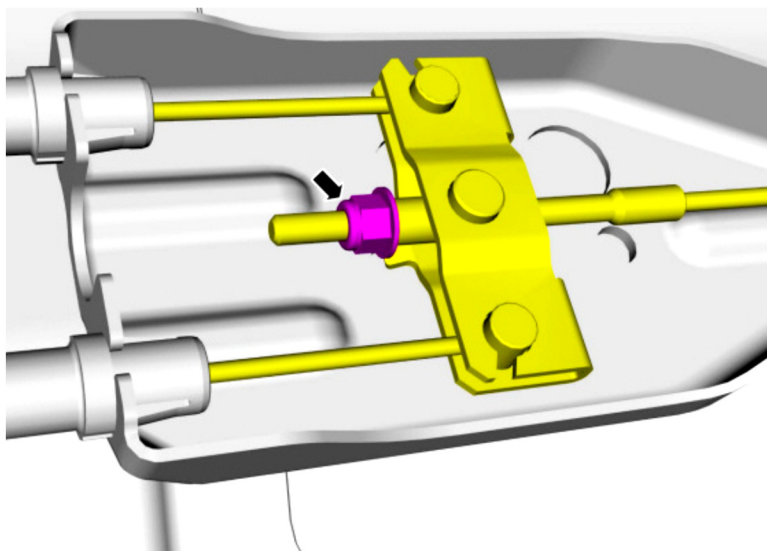
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- Insert the Pins into the Caliper Support. The above pictured Support is assembled to fit the left side.
- The **BLUE** Pin should be located in the **LOWER** position on both sides of the vehicle.

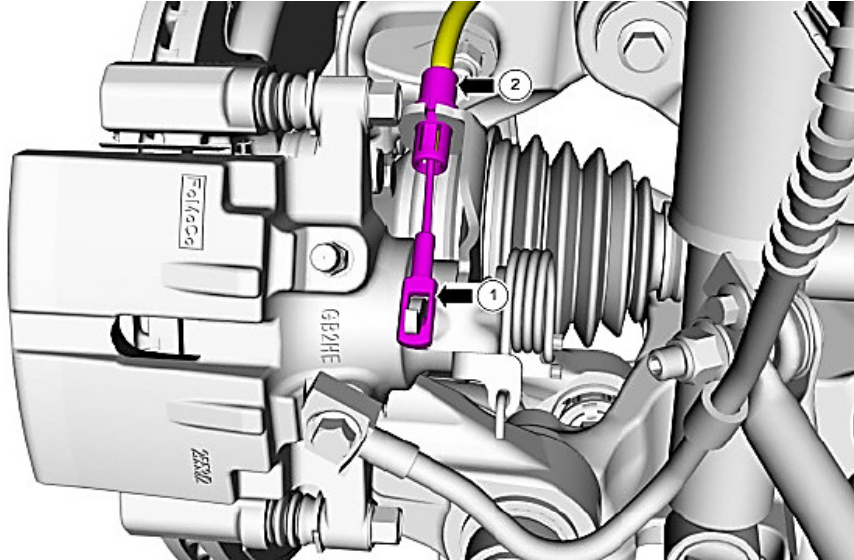
Remove the Rear Calipers



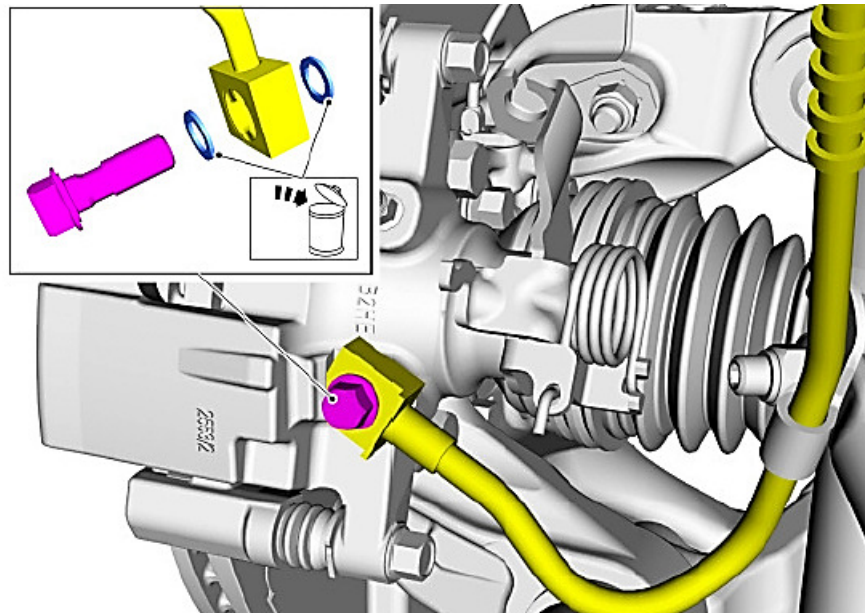
- Loosen the parking brake cable adjustment nut.

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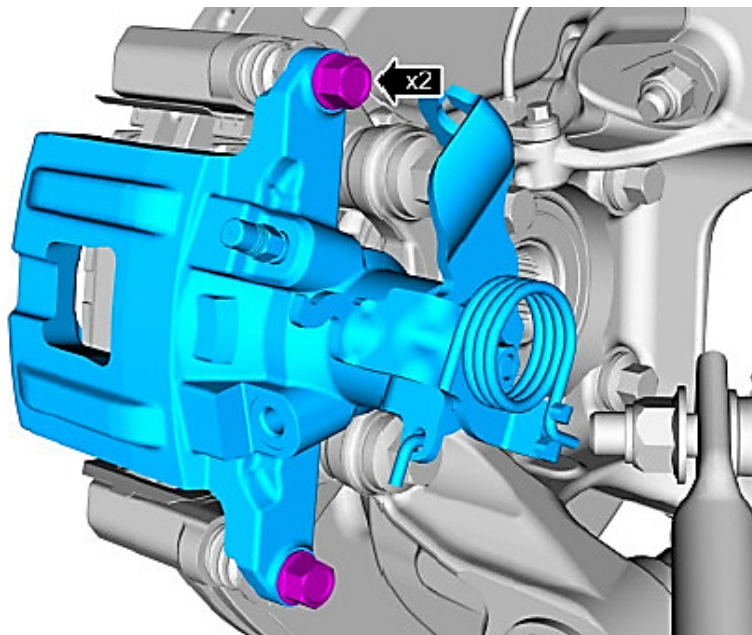
- 1. Disconnect the parking brake cable from the lever.
- 2. Detach the parking brake cable from the bracket and position aside the parking brake cable.



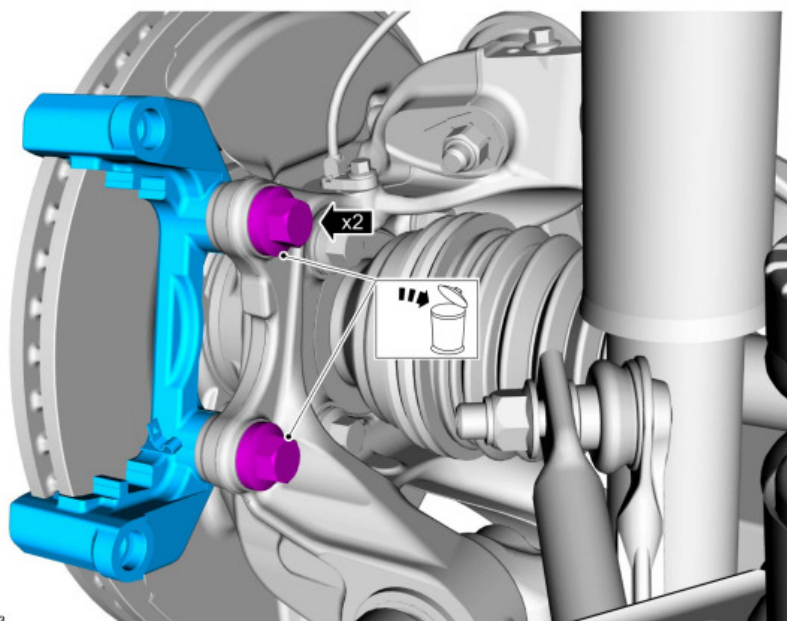
- Remove the brake caliper banjo bolt and disconnect the brake hose from the brake caliper. Discard the two copper washers, the banjo bolt will be reused.

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- Remove the 2 bolts holding caliper to caliper bracket, remove caliper.

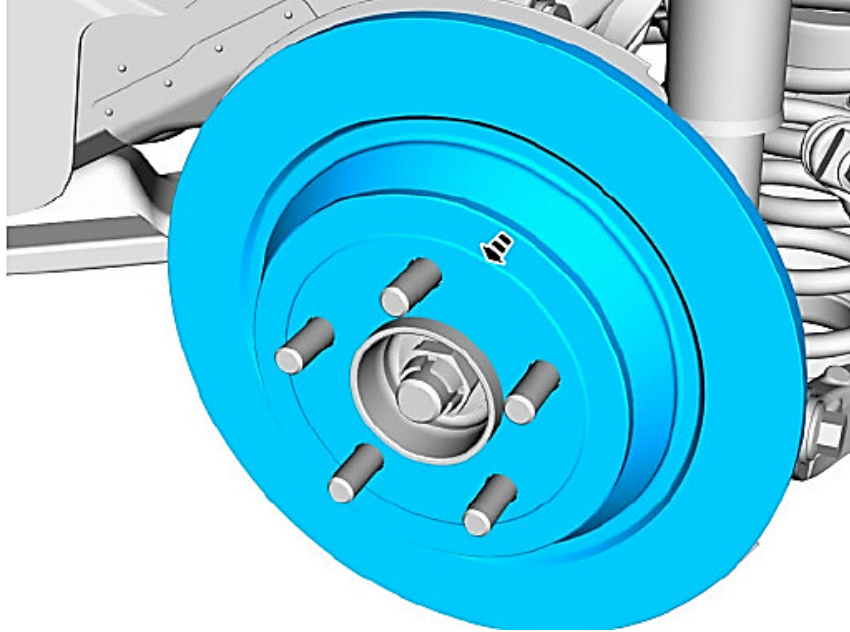


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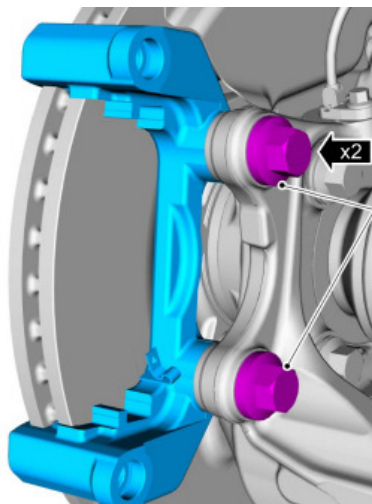
- Remove the 2 caliper bracket bolts, remove caliper bracket.

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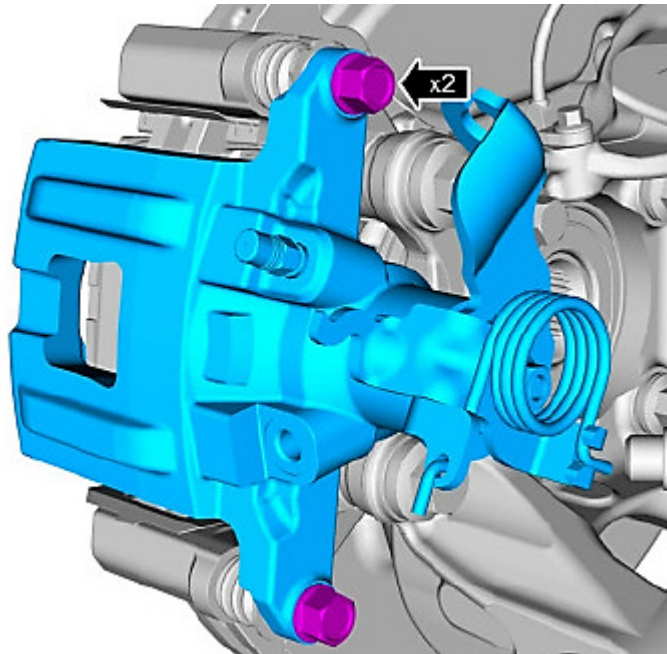
- Remove the brake disc.
- Remove and replace the Brake Dust Shield.
Torque: 106 in/lb (12 Nm.)
- Install the supplied rear Brake Rotors.
- Install new caliper brackets.
Torque: 129 lb.ft (175 Nm)



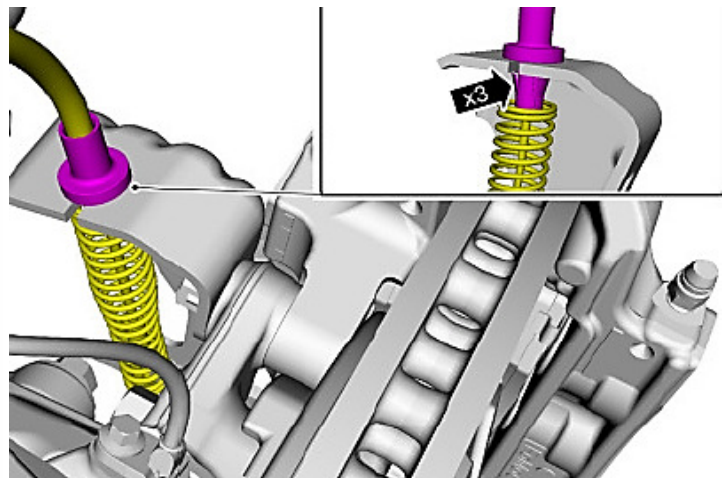
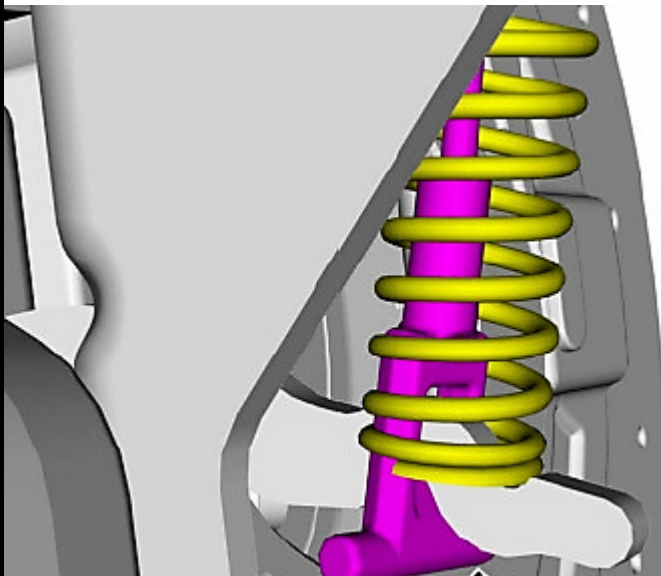
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- Install brake pads into brackets with the supplied hardware.



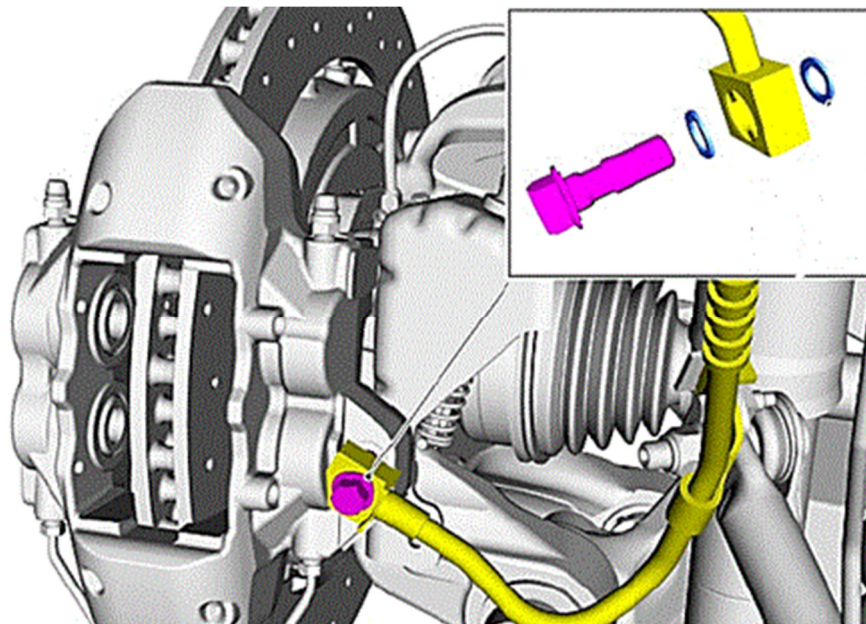
- Install the Supplied Rear calipers with the bleeder screws facing **UP**.
Torque: 24 lb/ft (32 Nm.)



- Attach the parking brake cable to the lever first then, through the top of the bracket. Both sides.

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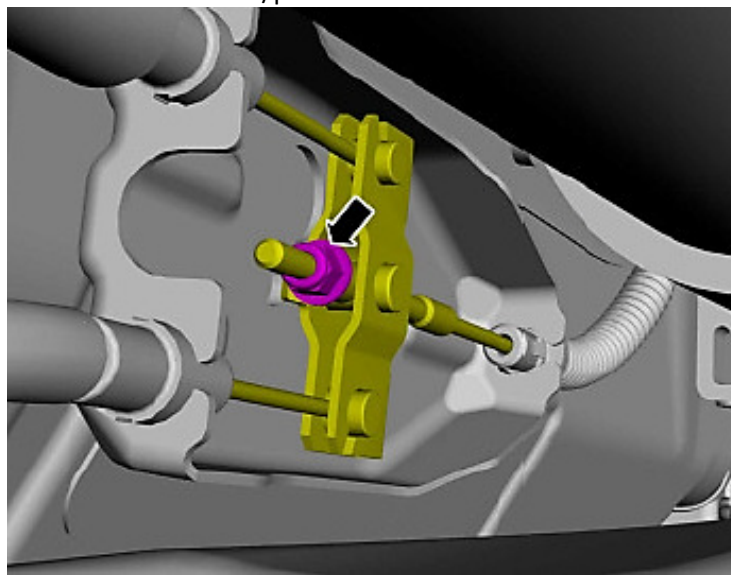
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- Attach the Hydraulic Brake Line using 2 new copper washers.
Torque: 35 lb.ft (47.5 Nm)

Set the Parking Brake Preload

- Set the Parking Brake Handle to the first click/position.



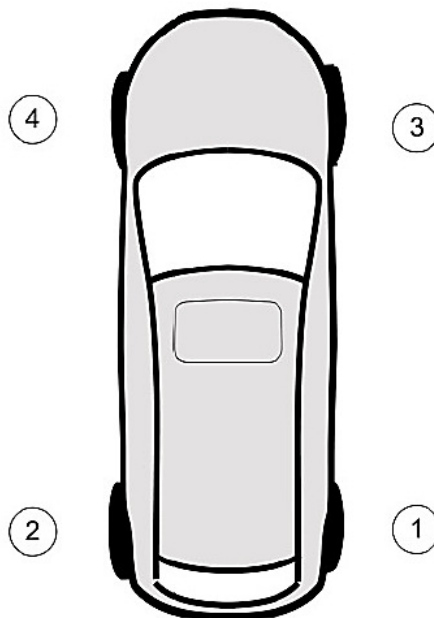
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- **NOTICE:** While adjusting the parking brake cables, check for rotation of the rear wheels often to prevent over tightening the cables. The cables must only be tightened until the rear wheels have a slight amount of drag. Make sure they don't lock up.
- Release the parking brake and make sure both wheels spin freely!

Brake Bleeding Procedure With Power Bleeder

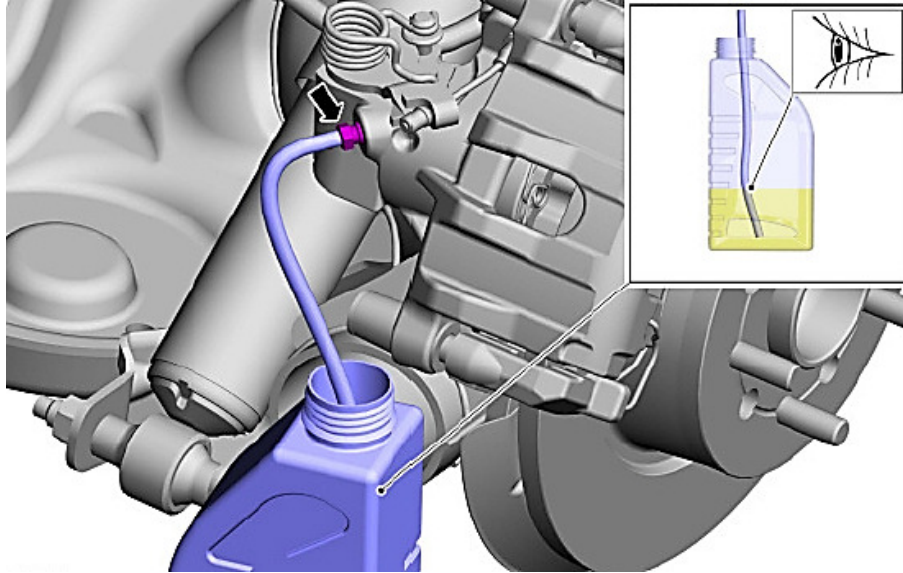
- Make sure the fluid reservoir is filled with new specified brake fluid.
- **NOTICE:** *If the brake fluid is spilled on the paint, clean the affected area immediately with a non-aggressive cleaner, i.e. wax and grease remover.*
- **NOTE:** *Master cylinder pressure bleeder adapter tools are available from various manufacturers of pressure bleeding equipment. Follow the instructions of the manufacturer when installing the adapter.*
- Install the bleeder adapter to the brake master cylinder reservoir and attach the bleeder tank hose to the fitting on the adapter.
- **NOTE:** *Make sure the bleeder tank contains enough new, specified brake fluid to complete the bleeding operation.*
- Open the valve on the bleeder tank and apply **207-345 kPa (30-50 psi)** to the brake system.



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- Bleeding steps must be followed in the order indicated in the graphic.
For front calipers: Bleed the inner bleeder screw first, followed by the outer bleeder screw.
- If equipped, remove the bleeder screw cap.



- Partially fill a clean brake fluid container with clean specified brake fluid.
- Submerge a hose into the brake fluid in the container and connect the hose to bleeder screw.
- Loosen the bleeder screw.
Loosen: 180°
- Leave open until clear, bubble-free brake fluid flows, then tighten the bleeder screw.
- Disconnect the hose and tighten the bleeder screw to specification.
- Repeat for each Caliper on the vehicle. Inner first, then outer.
- If equipped, install the bleeder screw cap.

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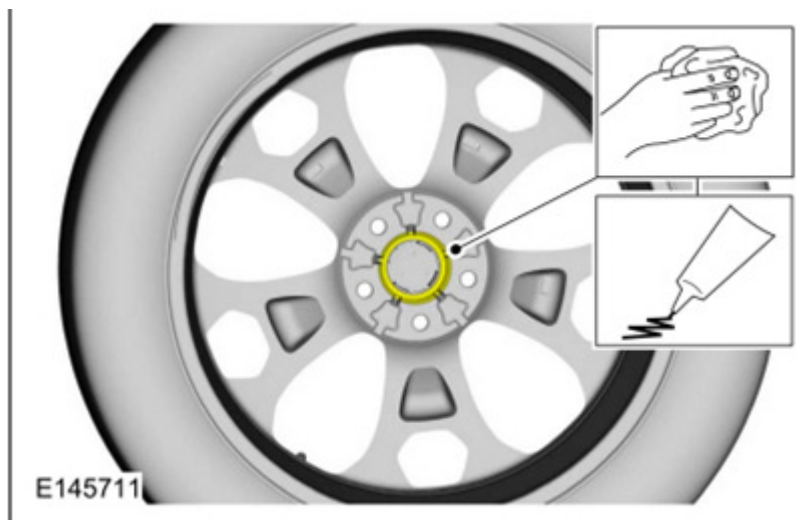
Wheel Installation

⚠WARNING: When a wheel is installed, always remove any corrosion, dirt or foreign material present on the mounting surface of the wheel and the mounting surface of the wheel hub, brake drum or brake disc. Make sure that any fasteners that attach the rotor to the hub are secured so they do not interfere with the mounting surfaces of the wheel. Failure to follow these instructions when installing wheels may result in the wheel nuts loosening and the wheel coming off while the vehicle is in motion, which could result in loss of control, leading to serious injury or death to vehicle occupant(s).

NOTICE: Make sure to apply a thin coat of anti-seize lubricant only to the interface between the wheel pilot bore and the hub pilot. Do not allow the anti-seize to make contact with the wheel-to-brake disc/drum mounting surface, wheel studs, wheel nuts, brake pads or brake disc friction surfaces or damage to components may occur.

Clean the mounting surface of the wheel. Apply the substance from the specified tube.

Material: Motorcraft® High Temperature Nickel Anti-Seize Lubricant / XL-2

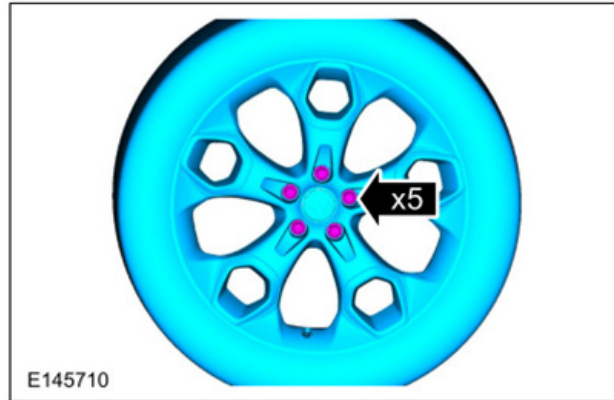


NOTE: Only tighten the nuts finger tight at this stage.

Position the wheel and install the wheel nuts.

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⚠ WARNING: Retighten wheel nuts within 160 km (100 mi) after a wheel is reinstalled. Wheels can loosen after initial tightening. Failure to follow this instruction may result in serious injury to vehicle occupant(s).

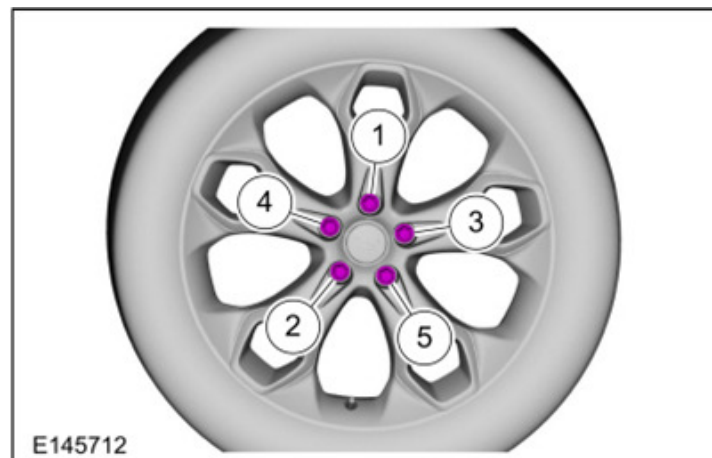
NOTICE: Failure to tighten the wheel nuts in a star/cross pattern can result in high brake disc runout, which accelerates the development of brake roughness, shudder and vibration.

NOTE: The wheel nut torque specification is for clean, dry wheel stud and wheel nut threads.

NOTE: Final tightening to be performed with vehicle resting on tires.

Tighten the wheel nuts in a star pattern.

Torque: 150 lb.ft (204 Nm)



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