

2008 SUSPENSION

Rear Suspension - Mustang

SPECIFICATIONS

MATERIAL SPECIFICATIONS

Item	Specification	Fill Capacity
Silicone Spray Lubricant XL-6	ESR-M13P4-A	-

TORQUE SPECIFICATIONS

Description	Nm	lb-ft
Brake caliper anchor plate bolts	103	76
Brake hose bracket bolt	20	15
Fuel tank strap bolt	52	38
Lateral stiffener bar nut	115	85
Lateral stiffener bar-to-body bolts	62	46
Lower arm bolts	175	129
Panhard rod bolts	175	129
Parking brake cable bracket bolt	27	20
Shock absorber lower bolt	115	85
Shock absorber upper nut	40	30
Stabilizer bar bracket nuts	70	52
Stabilizer bar link bolts	115	85
Upper arm bracket forward bolt	175	129
Upper arm bracket rearward bolts	115	85
Upper arm-to-upper arm bushing nut	175	129

DESCRIPTION AND OPERATION

REAR SUSPENSION

The rear suspension consists of the following components:

- Panhard rod and bushings
- Lower arms
- Stabilizer bar and links
- Coil springs
- Shock absorbers
- Lateral stiffener bar
- Upper arm and bushing

The rear suspension system is a solid axle type. The solid drive axle is supported by coil springs and uses shock absorbers to help dampen out the vertical movement of the vehicle. A lateral stiffener bar is used to strengthen the body with the panhard rod providing lateral stability for the axle. The upper arm and the lower arm provide longitudinal stability for the axle. The stabilizer bar and links are included to control lean/sway during turns.

DIAGNOSTIC TESTS

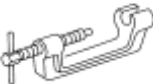
REAR SUSPENSION

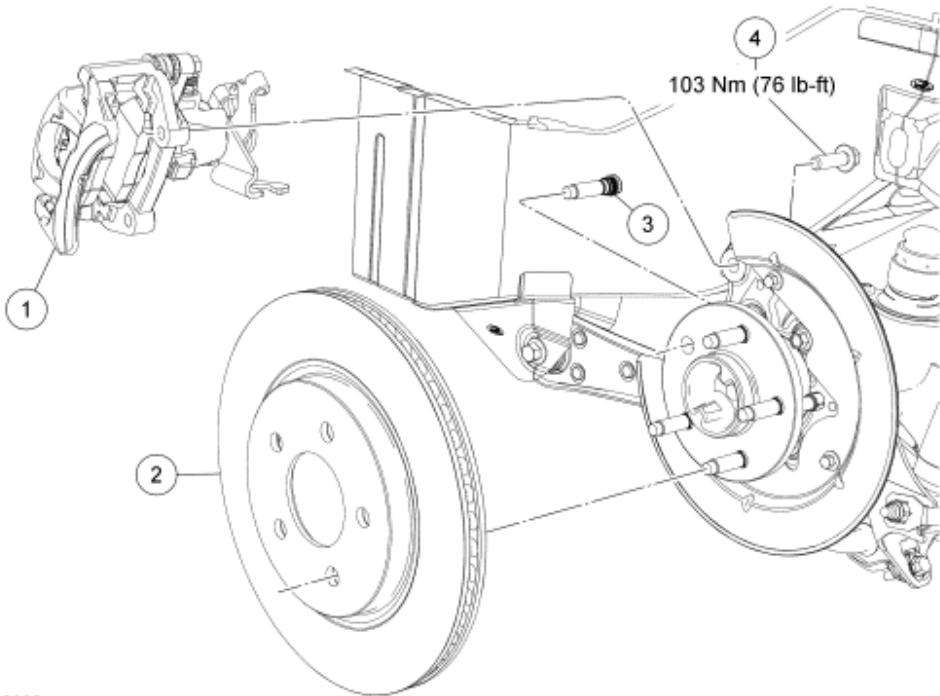
Refer to SUSPENSION SYSTEM - GENERAL INFORMATION article.

REMOVAL AND INSTALLATION

WHEEL STUDS

Special Tools

Illustration	Tool Name	Tool Number
 ST1494-A	C-Frame and Clamp Assembly	211-023 (T74P-3044-A1)



N0040036

Fig. 1: Exploded View Of Wheel Studs With Torque Specification
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	2553 LH/ 2552 RH	Brake caliper and anchor plate assembly
2	2C026	Brake disc
3	1107	Wheel stud
4	W704797	Anchor plate bolt (2 required)

REMOVAL

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.

CAUTION: Care must be used when servicing rear brake components without disconnecting the parking brake cable from the brake caliper lever. Carefully position the caliper aside using a suitable support or damage to the parking brake cable end fittings may occur.

CAUTION: Do not allow the caliper and anchor plate assembly to hang from the brake hose or damage to the hose may occur.

2. Remove the bolts and position the caliper and anchor plate assembly aside.
 - Support the caliper and anchor plate assembly using mechanic's wire.
3. Remove the rear brake disc.
4. Using the special tool, remove and discard the wheel stud.

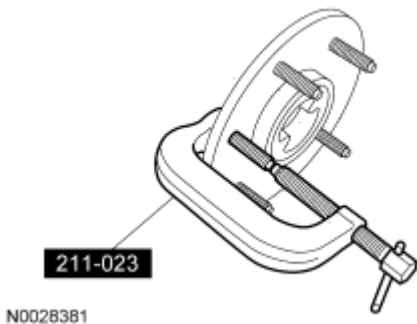
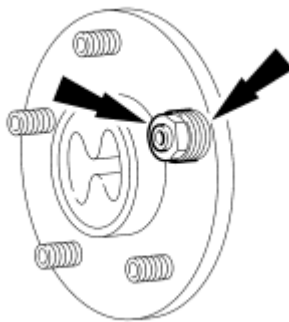


Fig. 2: Removing Wheel Stud Using Special Tool
 Courtesy of FORD MOTOR CO.

INSTALLATION

CAUTION: Do not use air tools to install the wheel stud. The serrations in the hub flange may be stripped.

1. Position the wheel stud in the axle flange, making sure that the serrations are aligned with those made by the original wheel stud.
2. Position washers and a reversed wheel nut on the wheel stud and tighten the wheel nut until the stud seats on the back of the axle flange.



DF0458-A

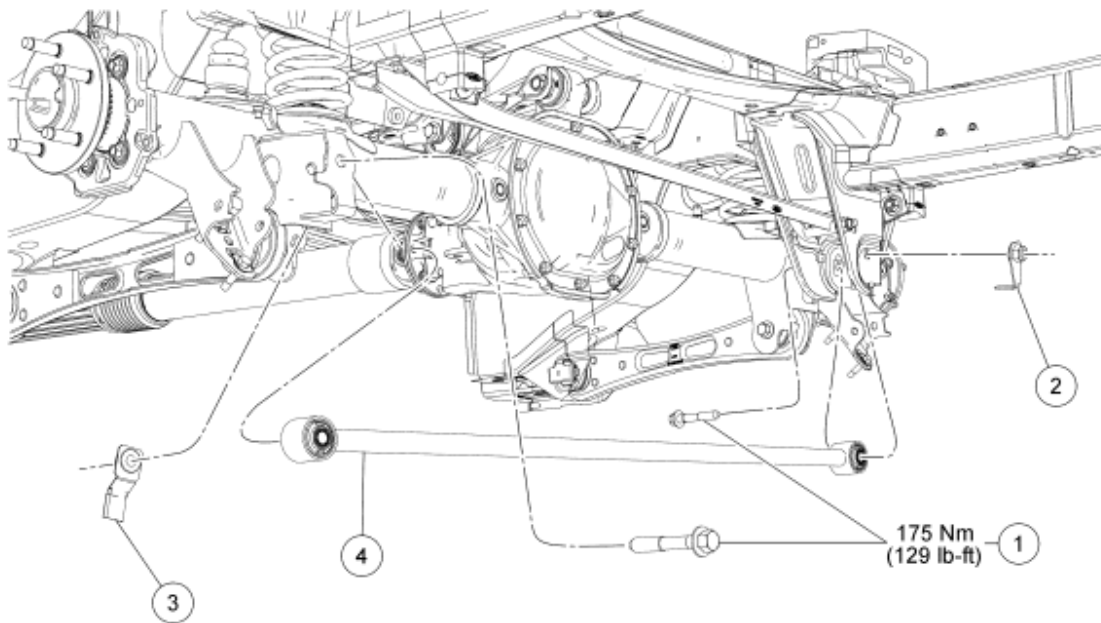
Fig. 3: Identifying Wheel Nut
Courtesy of FORD MOTOR CO.

3. Remove the wheel nut and washers.
 - Discard the nut.
4. Install the rear brake disc.
5. Position the brake caliper and anchor plate assembly and install the bolts.
 - Tighten to 103 Nm (76 lb-ft).

PANHARD ROD

2008 Ford Mustang

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N0072259

Fig. 4:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	W704886	Panhard rod bolts (2 required)
2	W710022	Panhard rod flagnut (RH)
3	W710689	Panhard rod flagnut (LH)
4	4264	Panhard rod

REMOVAL AND INSTALLATION

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1. To aid in installation, mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

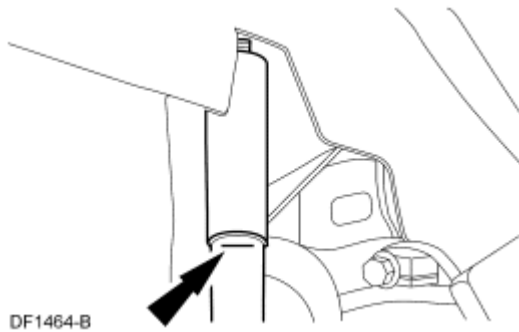


Fig. 5: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

2. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

3. Using 2 suitable jackstands, support the rear axle.
4. Raise the rear axle so the mark made on the rear shock absorber in Step 1 lines up with the protective sleeve.

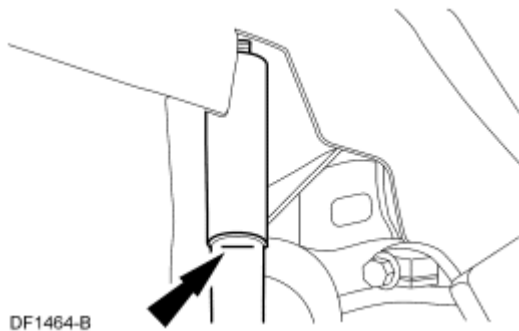


Fig. 6: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

5. Using 2 screwdrivers inserted through the access hole, depress the tabs of the panhard rod bolt cover retaining clip and remove the cover.

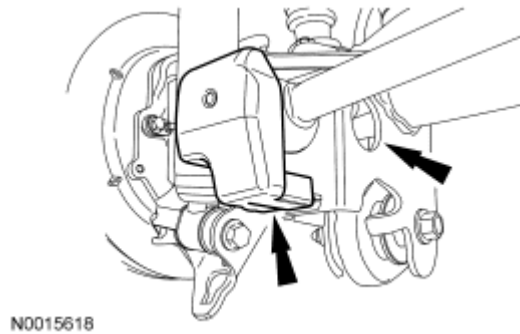


Fig. 7: Locating Track Bar Cover
Courtesy of FORD MOTOR CO.

6. Remove and discard the panhard rod bolts and flagnuts.
 - To install, tighten the new bolts to 175 Nm (129 lb-ft).

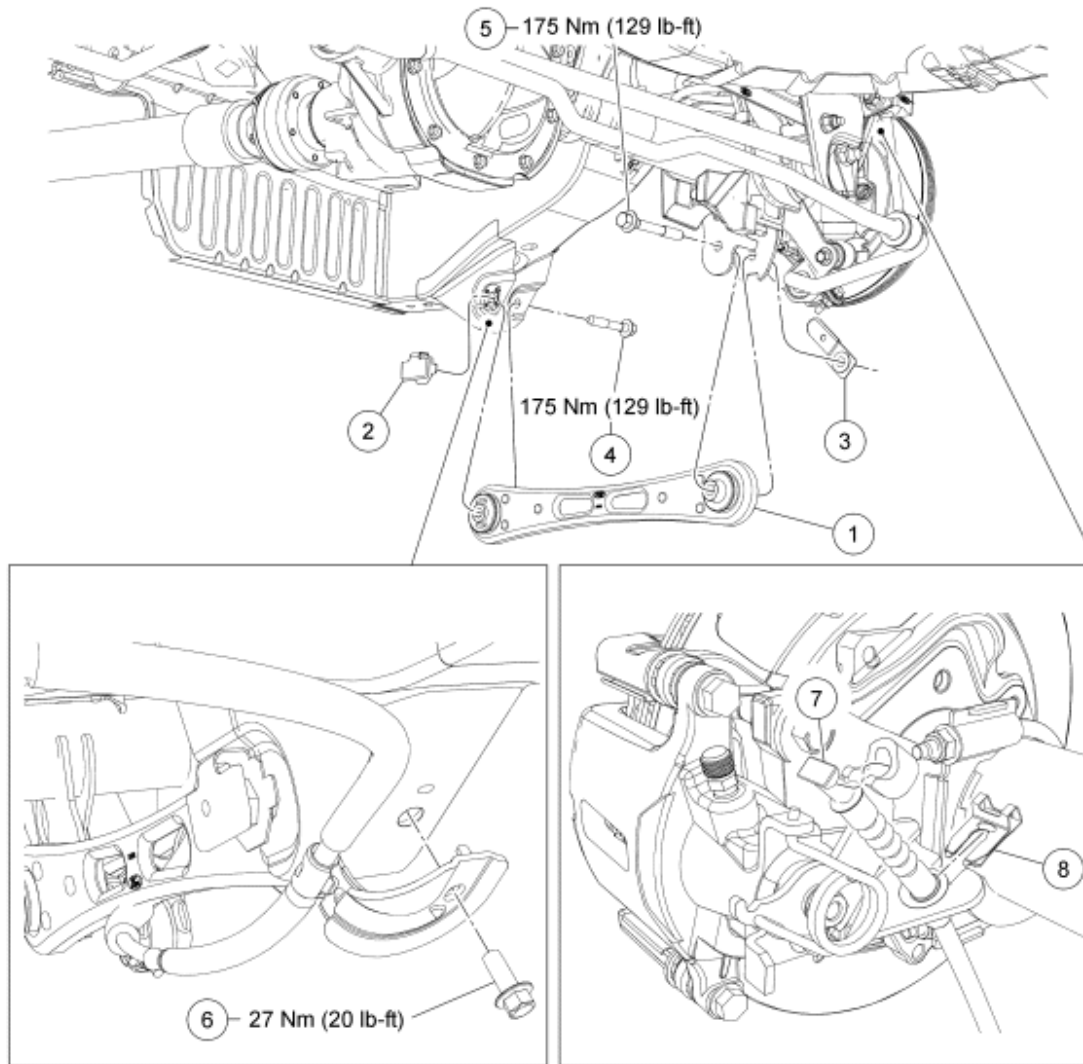
CAUTION: Tighten the LH and RH panhard rod bolts with the suspension at curb height or damage may occur.

7. To install, reverse the removal procedure.

LOWER ARM

2008 Ford Mustang

2008 SUSPENSION Rear Suspension - Mustang



N0072255

Fig. 8:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	5538	Lower arm
2	W710089	Lower arm front nut
3	W704991	Lower arm rear nut
4	W704886	Lower arm front bolt
5	W704888	Lower arm rear bolt
6	W505263	Parking brake cable bracket bolt
7	2A635 RH/ 2A823 LH	Parking brake cable
8	2860	Parking brake cable retaining clip

REMOVAL AND INSTALLATION

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

1. To aid in installation, mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

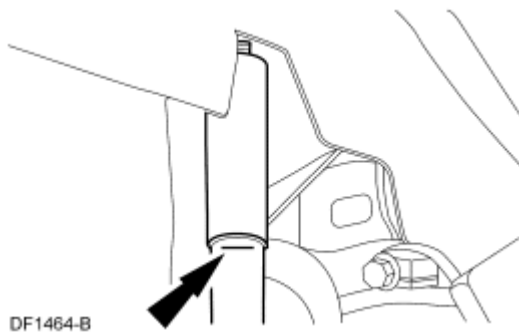


Fig. 9: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

2. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

3. Using 2 suitable jackstands, support the rear axle.
4. Raise the rear axle so the mark made on the rear shock absorber in Step 1 lines up with the protective sleeve.

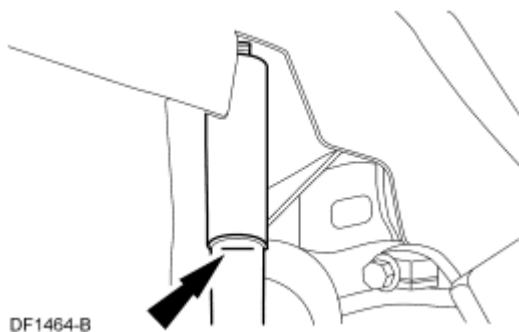


Fig. 10: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

5. Remove the clip and disconnect the parking brake cable from the rear caliper.
6. Remove the parking brake cable bracket bolt.
 - To install, tighten the new bolt to 27 Nm (20 lb-ft).
7. Remove and discard the lower arm front bolt.
 - To install, tighten the new bolt to 175 Nm (129 lb-ft).
8. Remove and discard the lower arm front nut.
 1. Rotate the nut clockwise.
 2. Remove and discard the nut.

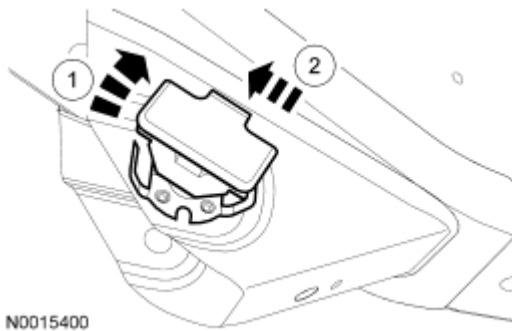


Fig. 11: Removing Lower Arm Front Nut
Courtesy of FORD MOTOR CO.

9. Remove and discard the lower arm rear bolt and flagnut and then remove the lower arm.
 - To install, tighten the new bolt to 175 Nm (129 lb-ft).

CAUTION: Tighten the lower arm bolts while the suspension is at curb height or bushing damage and incorrect clamp load may occur.

10. To install, reverse the removal procedure.

STABILIZER BAR

2008 Ford Mustang

2008 SUSPENSION Rear Suspension - Mustang

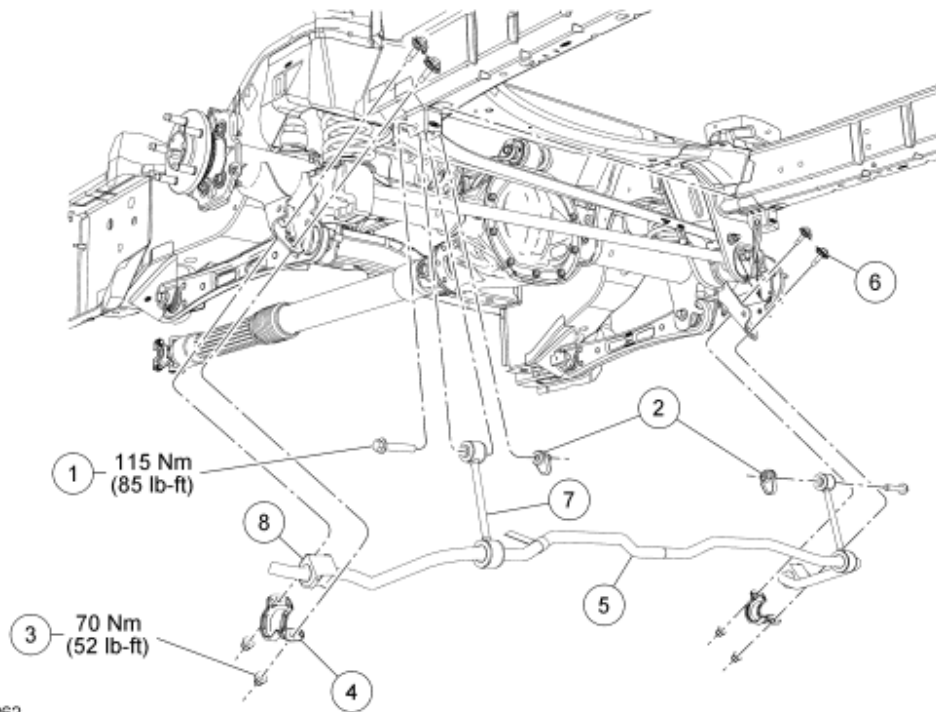


Fig. 12:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	W708737	Stabilizer bar link bolts (2 required)
2	W712385	Stabilizer bar link flagnuts (2 required)
3	W520213	Stabilizer bar bracket nut (4 required)
4	5486	Stabilizer bar bracket (2 required)
5	5A771	Stabilizer bar
6	W711368	Stabilizer bar bracket clip stud (4 required)
7	5C488	Stabilizer bar link (2 required) (also part of 5A771)
8	4A037	Stabilizer bar bushing (2 required) (also part of 5A771)

REMOVAL AND INSTALLATION

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

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1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.
2. Remove and discard the stabilizer bar link bolts and clip nuts.
 - To install, tighten the new bolt to 115 Nm (85 lb-ft).
3. Remove the stabilizer bar bracket nuts, studs, brackets and stabilizer bar.
 - Discard the stabilizer bar bracket nuts and studs.
 - To install, tighten the new nuts to 70 Nm (52 lb-ft).
4. If necessary, remove the stabilizer bar bushings and links. For additional information, refer to **Stabilizer Bar Link**.

CAUTION: The stabilizer bar is equipped with a tag. This tag indicates the LH side of the stabilizer bar. When installing a new stabilizer bar, make sure the tag is on the LH side of the vehicle or damage to the stabilizer bar may occur.

NOTE: The stabilizer bar is vehicle specific (convertible and coupe). Make sure the correct stabilizer bar goes on the correct vehicle.

Make sure that a new stabilizer bar has the same tag color as the one being replaced. If the stabilizer bar being replaced does not have a tag, it will be necessary to inspect the stabilizer bar link coating color to determine the proper replacement stabilizer bar.

- Black-coated stabilizer bar link will require a yellow tag stabilizer bar with the suffix "A" in the part number.
- White-coated stabilizer bar link will require a green tag stabilizer bar with the suffix "B" in the part number.
- Blue/gray-coated stabilizer bar link will require an orange tag stabilizer bar with the suffix "C" in the part number.

5. To install, reverse the removal procedure.

STABILIZER BAR LINK

Material

Item	Specification
Silicone Spray Lubricant XL-6	ESR-M13P4-A

2008 Ford Mustang

2008 SUSPENSION Rear Suspension - Mustang

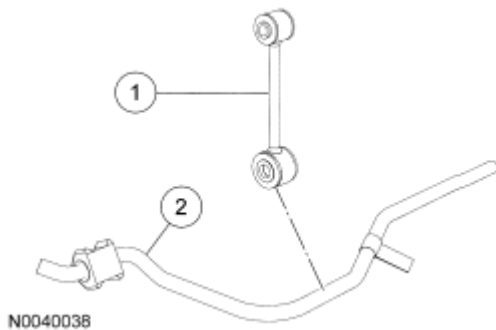


Fig. 13: Exploded View Of Stabilizer Bar Link
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	5C488	Stabilizer bar link (2 required) (also part of 5A771)
2	5A771	Stabilizer bar

REMOVAL AND INSTALLATION

1. Remove the stabilizer bar. For additional information, refer to **Stabilizer Bar**.

NOTE: To aid removal, apply a light coat of silicone lubricant to the necessary parts of the rear stabilizer bar and the inside diameter of the stabilizer bar bushing and link.

2. Remove the stabilizer bar bushing and link.
 1. Slide the bushing off of the stabilizer bar.
 2. Slide the link off of the stabilizer bar.

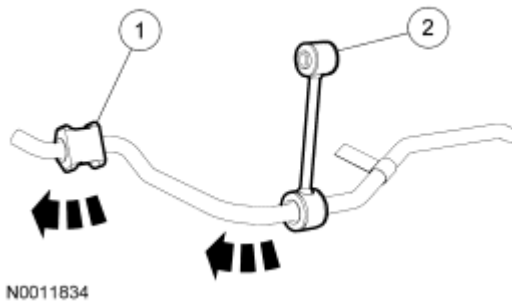


Fig. 14: Removing Stabilizer Bar Bushing And Link
Courtesy of FORD MOTOR CO.

NOTE: The stabilizer bar links and bushings are vehicle specific (convertible and coupe). Make sure the correct link and bushing go on the correct vehicle.

The link for the convertible GT and V6 Pony package will have a "B" suffix in the part number and it will be colored white. The bushing for the convertible will have a "B" suffix in the part number.

The link for the GT coupe and Shelby GT 500 convertible will have an "A" suffix in the part number and it will be colored black. The bushing will have an "A" suffix in the part number.

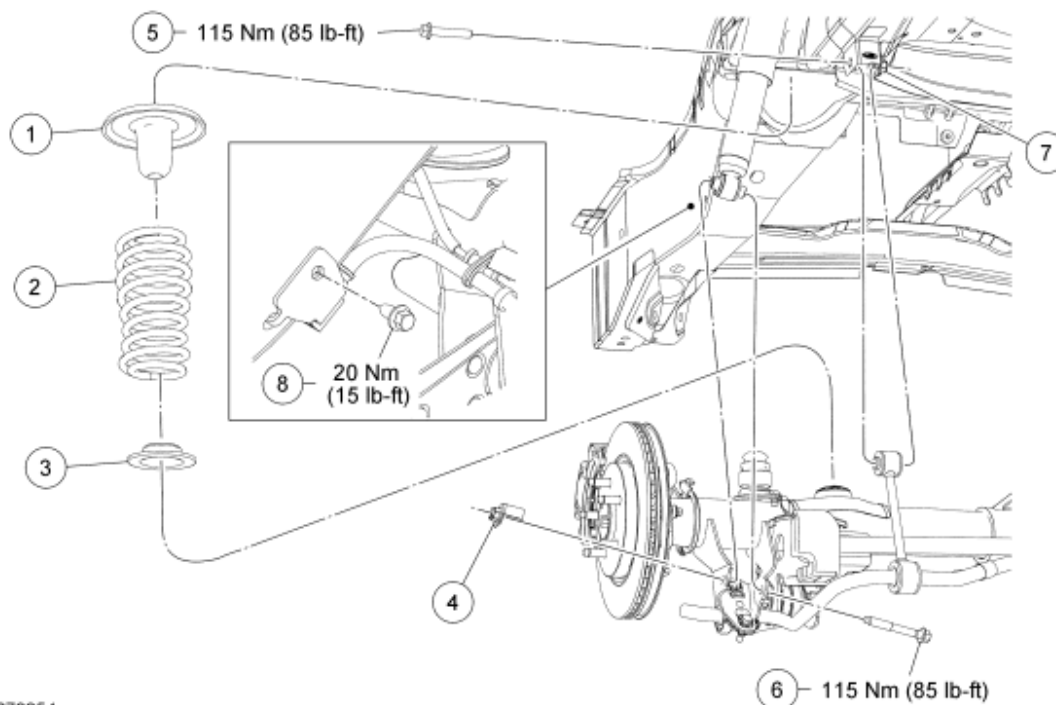
NOTE: To aid installation, apply a light coat of silicone lubricant to the necessary parts of the rear stabilizer bar and the inside diameter of the stabilizer bar bushing and link.

NOTE: The stabilizer bar link for the Shelby GT 500 convertible will have a "C" suffix in the part number and it will be blue/gray in color. The bushing will have a "C" suffix in the part number.

3. To install, reverse the removal procedure.

SPRING - COIL

NOTE: Rear stabilizer bar equipped shown in illustration, non-equipped similar.



N0072254

Fig. 15:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	5599	Upper spring insulators
2	5560	Spring
3	5536	Lower spring insulator
4	-	Shock absorber lower nut (part of service kit 18008)
5	W708737	Stabilizer bar link bolt
6	-	Shock absorber lower bolt (part of service kit 18008)
7	W520214	Stabilizer bar link nut
8	N802191	Brake hose bracket bolt

REMOVAL

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

All vehicles

1. To aid in installation, mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

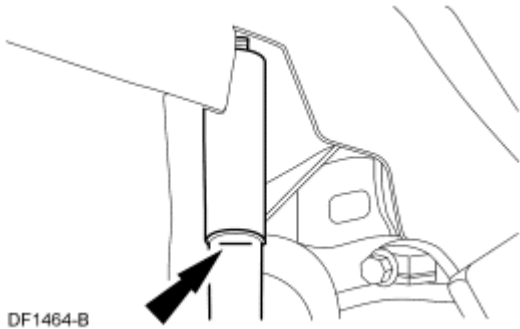


Fig. 16: Locating Mark On Rear Shock Absorber
 Courtesy of FORD MOTOR CO.

2. Remove the wheel and tire. For additional information, refer to **WHEELS & TIRES** article.

Convertible vehicles

3. Remove the rear support braces.

- For additional information, refer to **UNI-BODY, SUBFRAME & MOUNTING SYSTEM** article.

All vehicles

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

4. Using 2 suitable jackstands, support the rear axle.

Vehicles with a rear stabilizer bar

5. Remove and discard both stabilizer bar link bolts and clip nuts.
6. Position the stabilizer bar to gain access to the shock absorber lower bolt.

All vehicles

7. Remove and discard the shock absorber lower bolt and nut.
8. Remove the brake hose bracket bolt.
9. Lower the rear axle and remove the spring.
10. Inspect the upper and lower spring insulators for wear or damage. Install new insulators if necessary.

INSTALLATION**All vehicles**

NOTE: The springs are vehicle specific and are marked with a tag indicating the spring code. Make sure the new spring has the same spring code as the one being replaced. If the tag is not on the spring being replaced, look on the vehicle information label located on the driver's door for the spring code and compare that to the new spring code.

1. Position the spring onto the axle with the tag toward the axle assembly.

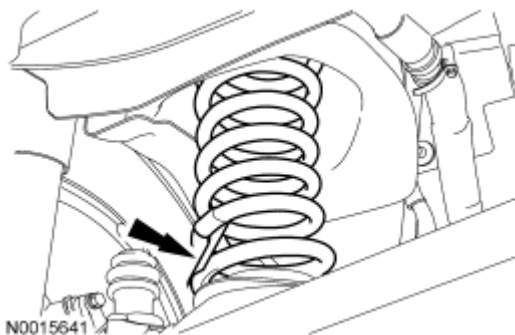


Fig. 17: Locating Spring With Tag
Courtesy of FORD MOTOR CO.

2. Raise the rear axle so the mark made on the rear shock absorber in Removal Step 1 lines up with the protective sleeve.

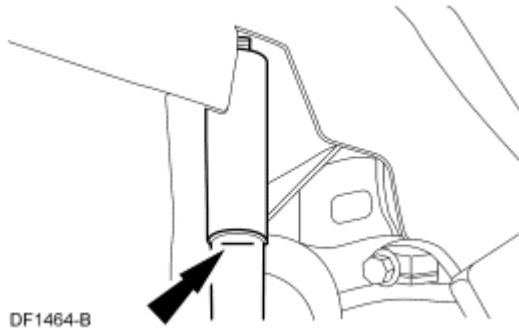


Fig. 18: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

CAUTION: Tighten the shock absorber lower bolt while the suspension is at curb height or bushing damage and incorrect clamp load may occur.

3. Install a new shock absorber lower bolt and nut.
 - Tighten to 115 Nm (85 lb-ft).
4. Install the brake hose bracket bolt.
 - Tighten to 20 Nm (15 lb-ft).

Convertible vehicles

5. Install the rear support braces. For additional information, refer to **UNI-BODY, SUBFRAME & MOUNTING SYSTEM** article.

Vehicles with a rear stabilizer bar

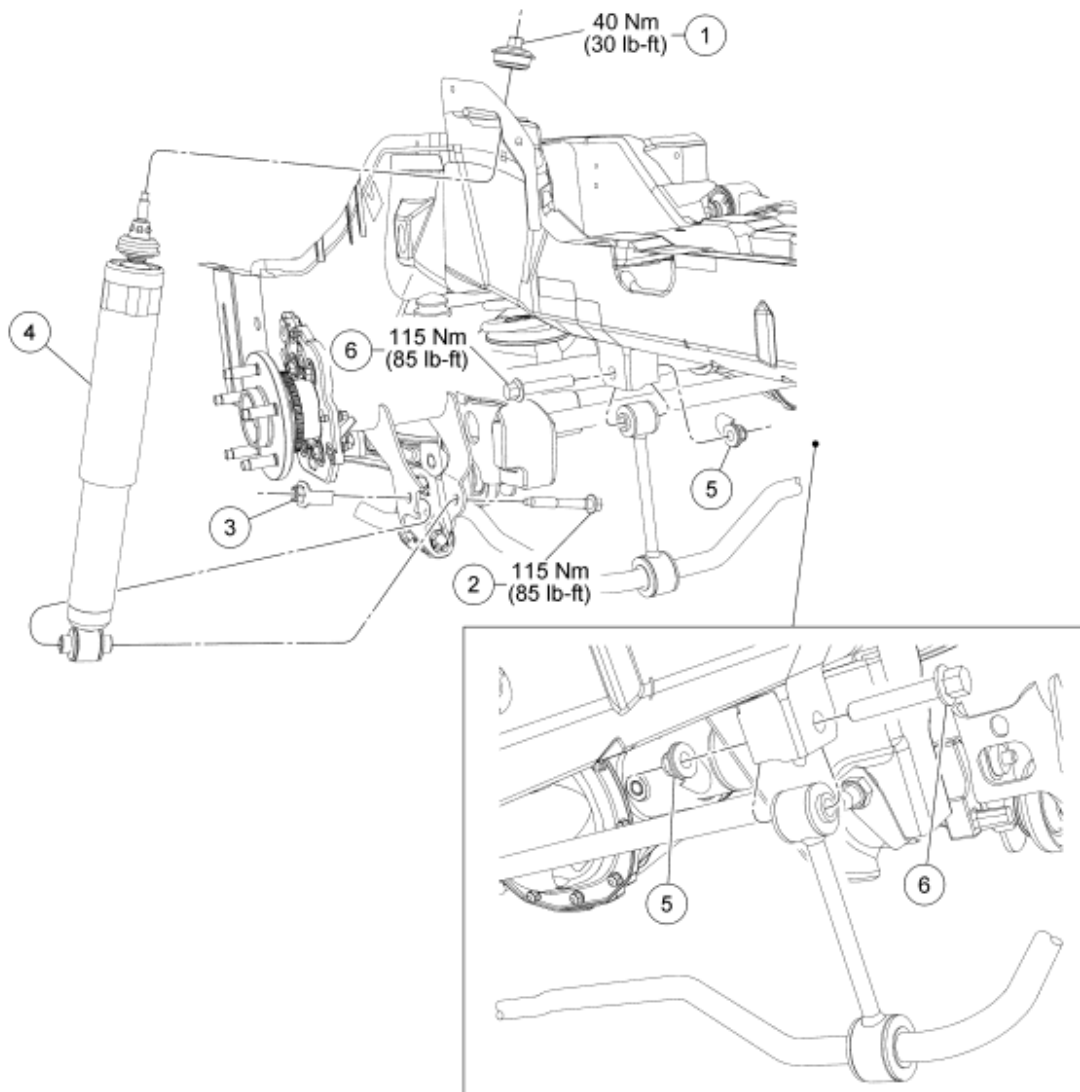
CAUTION: The stabilizer bar is equipped with a tag. This tag indicates the LH side of the stabilizer bar. When installing a new stabilizer bar, make sure the tag is on the LH side of the vehicle or damage to the stabilizer bar may occur.

6. Position the stabilizer bar and links and install new stabilizer bar link bolts and clip nuts.
 - Tighten to 115 Nm (85 lb-ft).

SHOCK ABSORBER

2008 Ford Mustang

2008 SUSPENSION Rear Suspension - Mustang



N0072253

Fig. 19:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	-	Shock absorber upper nut, washer and insulator (part of service kit 18008)
2	-	Shock absorber lower bolt (part of service kit 18008)
3	-	Shock absorber flagnut (part of service kit 18008)
4	-	Shock absorber (part of service kit 18008)
5	W520214	Stabilizer bar link nuts (2 required)
6	W708737	Stabilizer bar link bolts (2 required)

REMOVAL AND INSTALLATION

WARNING: Do not apply heat or flame to the shock absorber or strut tube. The shock absorber and strut tube are gas pressurized and could explode if heated. Failure to follow this instruction may result in serious personal injury.

WARNING: Keep all body parts clear of shock absorbers or strut rods. Shock absorbers or struts can extend unassisted. Failure to follow this instruction may result in serious personal injury.

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

CAUTION: When using a hoist that lifts the vehicle by the frame, install new shock absorbers one at a time. If the rear axle is allowed to hang unsupported by the control arms, damage to the control arm bushings may result. A drive-on type hoist is the preferred hoist to use for this procedure.

1. Open the luggage compartment and position the carpet aside.
2. Mark the rear shock absorber that is not being removed relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

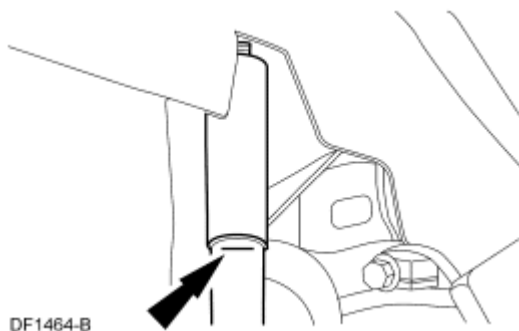


Fig. 20: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

3. Remove the wheel and tire. For additional information, refer to **WHEELS & TIRES** article.

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

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CAUTION: Do not allow the axle assembly to hang supported only by the upper control arm or lower control arms. This could damage the control arm bushings.

4. Using 2 suitable jackstands, support the rear axle.
5. Remove and discard the shock absorber upper nut, washer and insulator assembly.
 - To install, tighten the new nut to 40 Nm (30 lb-ft).
6. Raise the rear axle so the mark made on the rear shock absorber in Step 2 lines up with the protective sleeve.

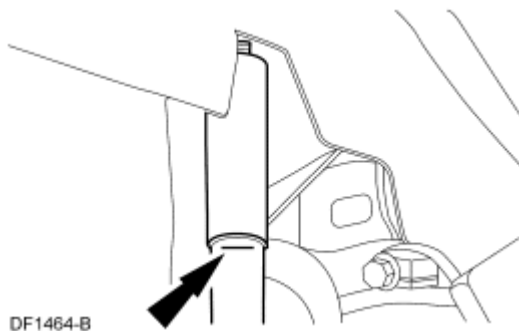


Fig. 21: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

7. Remove and discard the shock absorber lower bolt and nut and remove the shock absorber.
 - To install, tighten the new bolt to 115 Nm (85 lb-ft).

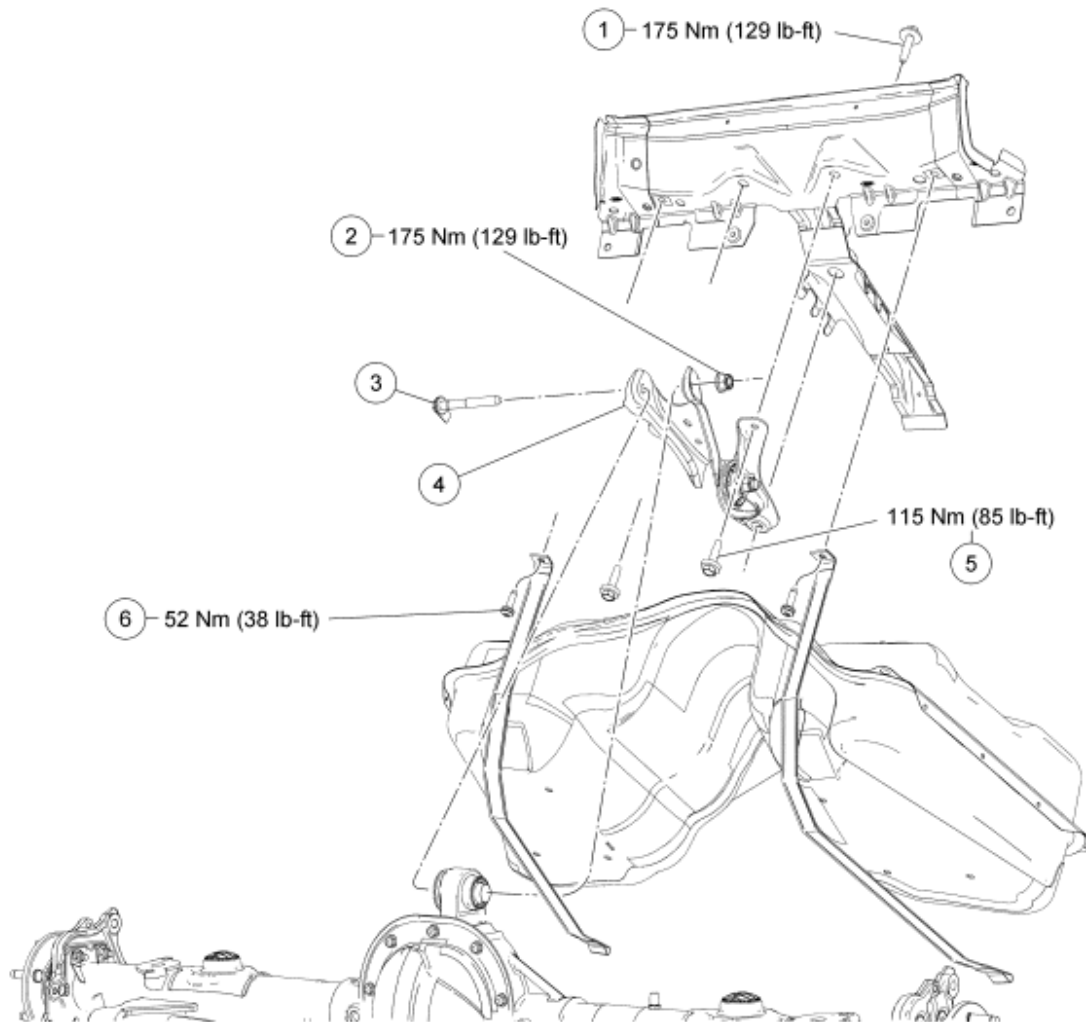
CAUTION: Tighten the shock absorber lower bolt while the suspension is at curb height or bushing damage and incorrect clamp load may occur.

8. To install, reverse the removal procedure.

UPPER ARM

2008 Ford Mustang

2008 SUSPENSION Rear Suspension - Mustang



N0070077

Fig. 22: Exploded View Of Upper Arm With Torque Specifications
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	W708795	Upper arm bracket forward bolt
2	W520215	Upper arm-to-upper arm bushing nut
3	W710443	Upper arm-to-upper arm bushing bolt
4	5K671	Upper arm assembly
5	W711075	Upper arm bracket rearward bolt (2 required)
6	W710947	Fuel tank strap bolt (2 required)

REMOVAL AND INSTALLATION

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

CAUTION: The upper arm is a 2-piece design and is replaced as an assembly. Do not remove or loosen the nut and bolt that joins the 2 pieces together. The assembly is set at ride height during production, loosening the nut and bolt will disturb this setting.

1. Remove the rear seat cushion. For additional information, refer to [SEATING](#) article.
2. Remove and discard the upper arm bracket forward bolt.
 - To install, tighten the new bolt to 175 Nm (129 lb-ft).

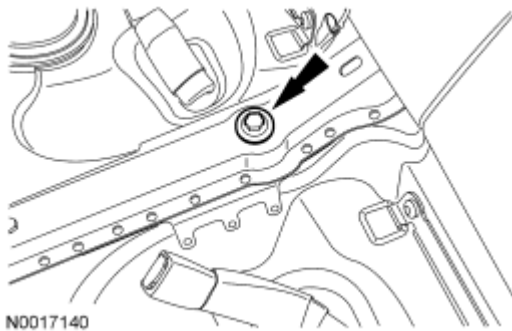


Fig. 23: Locating Upper Control Arm Front Bolt
Courtesy of FORD MOTOR CO.

3. To aid in installation, mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

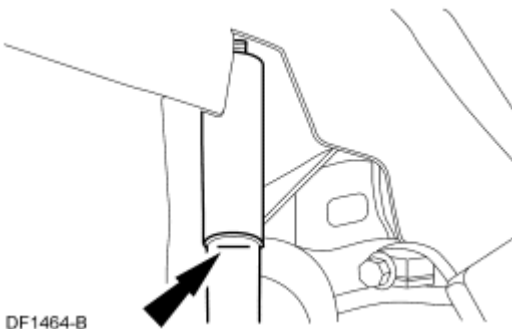


Fig. 24: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

4. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.
5. Place a safety support under the fuel tank.



Fig. 25: Locating Safety Support
Courtesy of FORD MOTOR CO.

6. Remove the rear bolts from the 2 fuel tank support straps and position both straps aside.
 - To install, tighten to 52 Nm (38 lb-ft)

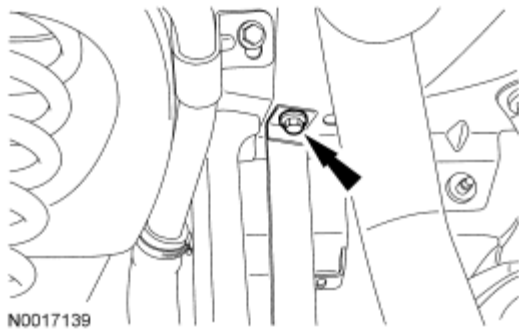


Fig. 26: Locating Rear Bolts
Courtesy of FORD MOTOR CO.

7. Partially lower the fuel tank to gain access to the upper control arm.
8. Remove and discard the 2 upper arm bracket rearward bolts.
 - To install, tighten the new bolts to 115 Nm (85 lb-ft).
9. Remove and discard the upper arm-to-upper arm bushing flag bolt and nut.
 - To install, tighten the new nut to 175 Nm (129 lb-ft).
10. Remove the upper arm assembly.
11. Raise the rear axle so the mark made in Step 3 lines up with the protective sleeve.

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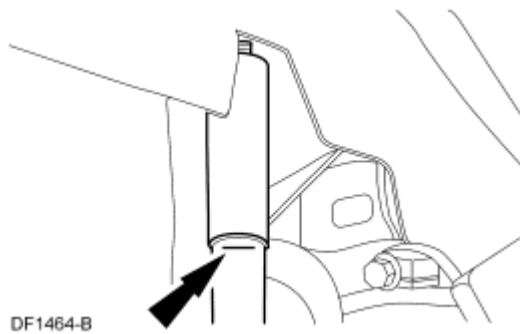


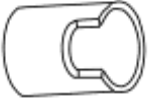
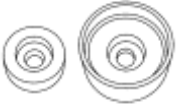
Fig. 27: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

CAUTION: Tighten the upper arm fasteners while the suspension is at curb height or bushing damage and incorrect clamp load may occur.

12. To install, reverse the removal procedure.

UPPER ARM BUSHING

Special Tools

Illustration	Tool Name	Tool Number
 ST1106-A	Adapter	204-034 (T78P-5638-A4)
 ST1124-A	Receiver Cup	205-813
 ST2942-A	Remover/Installer, Bushing	205-590
 ST1869-A	Forcing Screw	205-813

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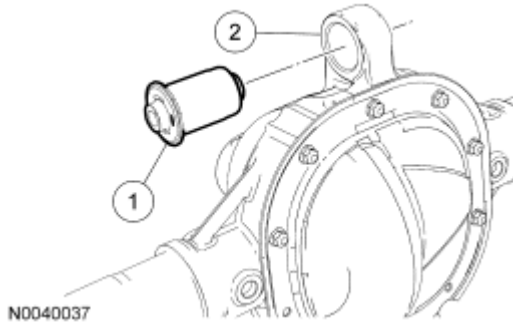


Fig. 28: Exploded View Of Upper Arm Bushing
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	5A638	Upper control arm bushing
2	4001	Rear drive axle

REMOVAL

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

1. Mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

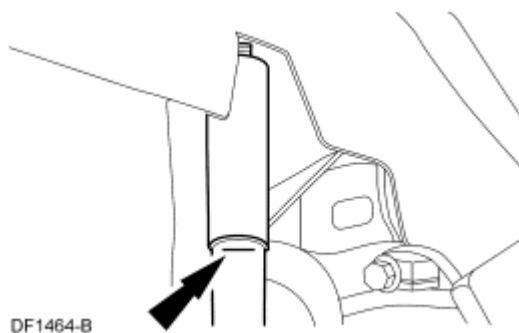


Fig. 29: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

2. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

3. Using 2 suitable jackstands, support the rear axle.
4. Remove and discard the upper arm-to-upper arm bushing nut and flag bolt.
5. Partially lower the rear axle and, using the special tools, remove the upper control arm bushing.

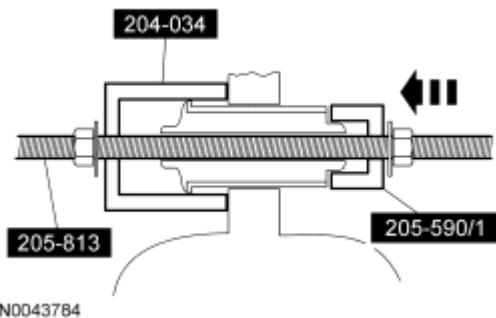


Fig. 30: Identifying Special Tools
Courtesy of FORD MOTOR CO.

INSTALLATION

1. Position the new bushing into the rear axle bracket with the voids in the rubber positioned at the top and bottom of the bushing.

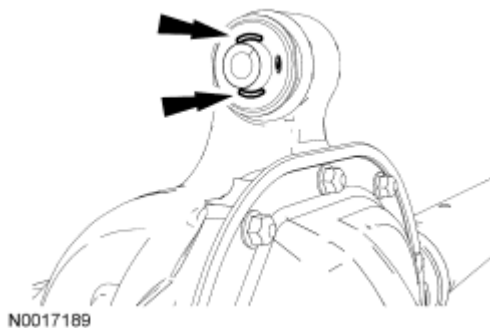


Fig. 31: Locating Bushing Into Rear Axle Bracket
Courtesy of FORD MOTOR CO.

2. Using the special tools, install the upper control arm bushing.

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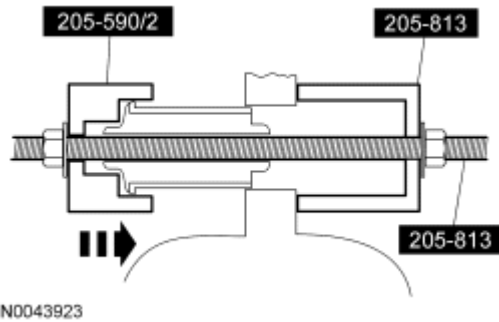


Fig. 32: Identifying Special Tools
Courtesy of FORD MOTOR CO.

3. Install the bushing so there is a 12 mm (0.47 in) gap between the bushing flange and the rear axle bracket.

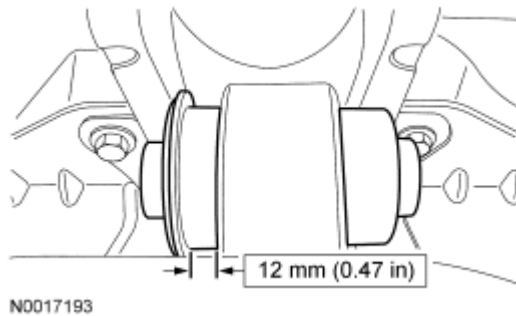


Fig. 33: Identifying Bushing
Courtesy of FORD MOTOR CO.

4. Raise the rear axle so the mark made on the rear shock absorber in Removal Step 1 lines up with the protective sleeve.

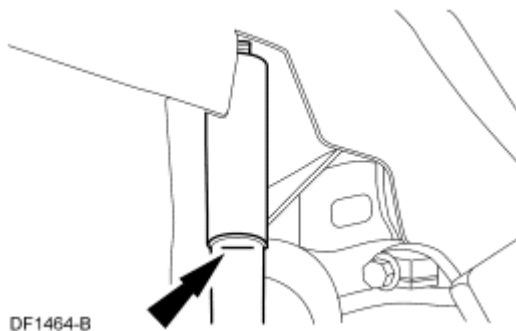


Fig. 34: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

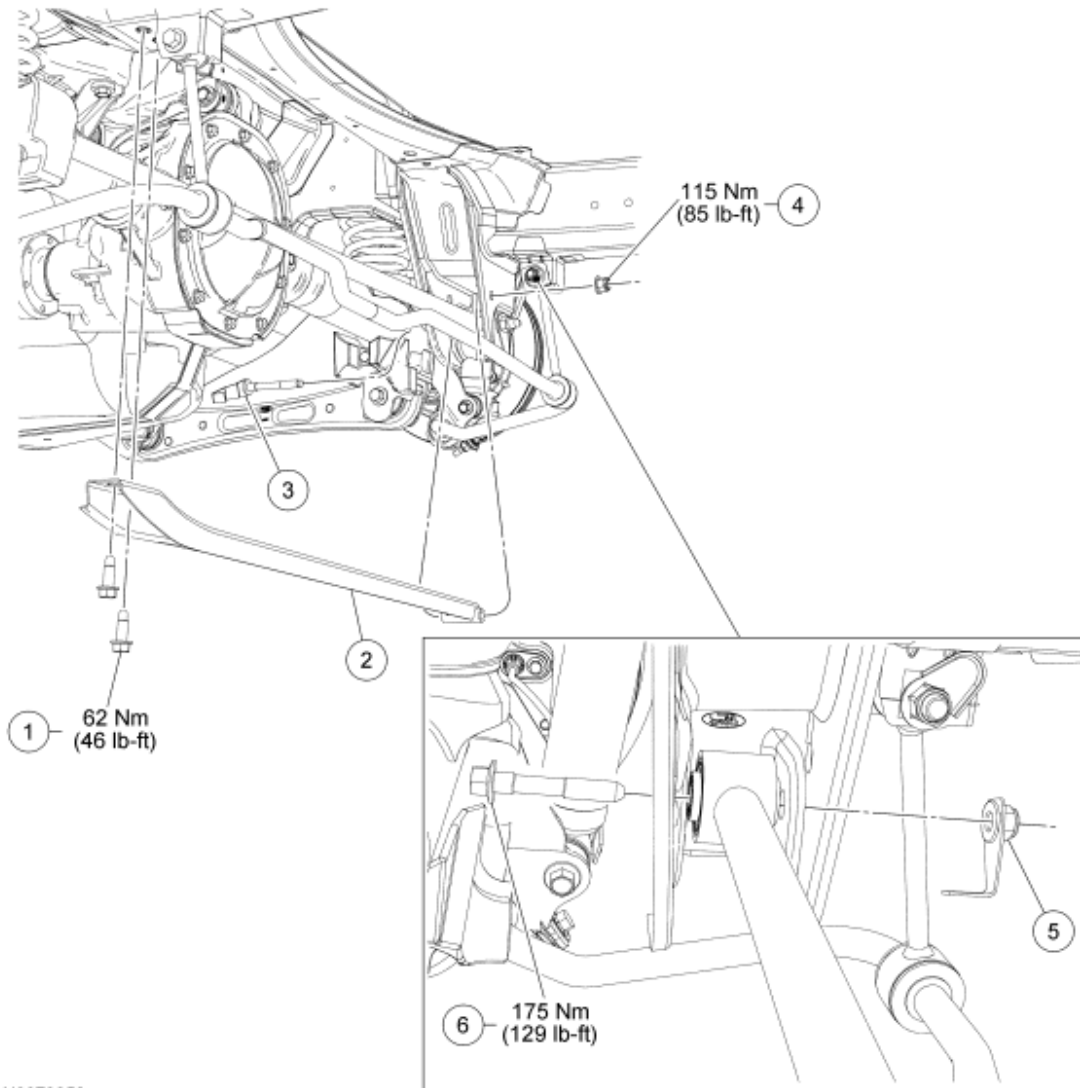
CAUTION: Tighten the upper control arm rear nut with the suspension at curb height or bushing damage and incorrect clamp load may occur.

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5. Install a new upper arm-to-upper arm bushing nut and flag bolt.
 - Tighten to 175 Nm (129 lb-ft).

LATERAL STIFFENER BAR



N0072252

Fig. 35:
Courtesy of FORD MOTOR CO.

Item	Part Number	Description
1	W711331	Lateral stiffener bar-to-body bolt (2 required)
2	3424	Lateral stiffener bar
3	W710693	Lateral stiffener bar flag bolt
4	W520214	Lateral stiffener bar nut

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5	W710022	Panhard rod flagnut (RH)
6	W704886	Panhard rod bolt

REMOVAL AND INSTALLATION

CAUTION: Suspension fasteners are critical parts because they affect performance of vital components and systems and their failure may result in major service expense. New parts must be installed with the same part numbers or equivalent part, if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

1. Mark the rear shock absorber relative to the protective sleeve with the vehicle in a static, level ground position (curb height).

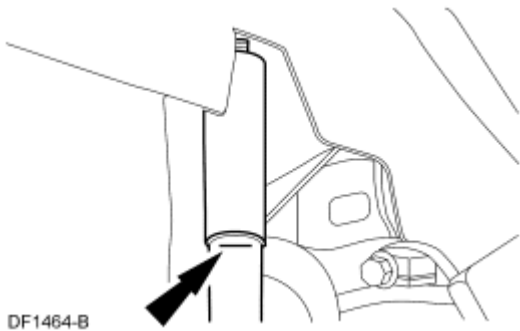


Fig. 36: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

2. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to **JACKING & LIFTING** article.

CAUTION: Do not support the rear axle at the differential housing or damage to the housing may occur.

3. Using 2 suitable jackstands, support the rear axle.
4. Raise the rear axle so the mark made on the rear shock absorber in Step 1 lines up with the protective sleeve.

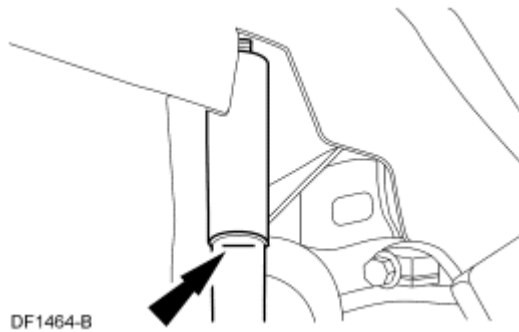


Fig. 37: Locating Mark On Rear Shock Absorber
Courtesy of FORD MOTOR CO.

5. Remove and discard the RH panhard rod bolt, then remove and discard the lateral stiffener bar-to-body mount nut and flag bolt.
 - To install:
 - Tighten the new RH panhard rod bolt to 175 Nm (129 lb-ft).
 - Tighten the new lateral stiffener bar-to-body mount nut to 115 Nm (85 lb-ft).

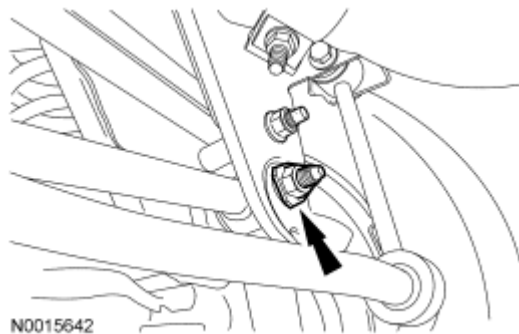


Fig. 38: Locating Panhard Rod-To-Body Mount Nut
Courtesy of FORD MOTOR CO.

6. Remove and discard the lateral stiffener bar-to-body bolts.
 - To install, tighten the new bolts to 62 Nm (46 lb-ft).
7. Remove the lateral stiffener bar.

CAUTION: Tighten the new RH panhard rod bolt while the suspension is at curb height or bushing damage and incorrect clamp load may occur.

8. To install, reverse the removal procedure.