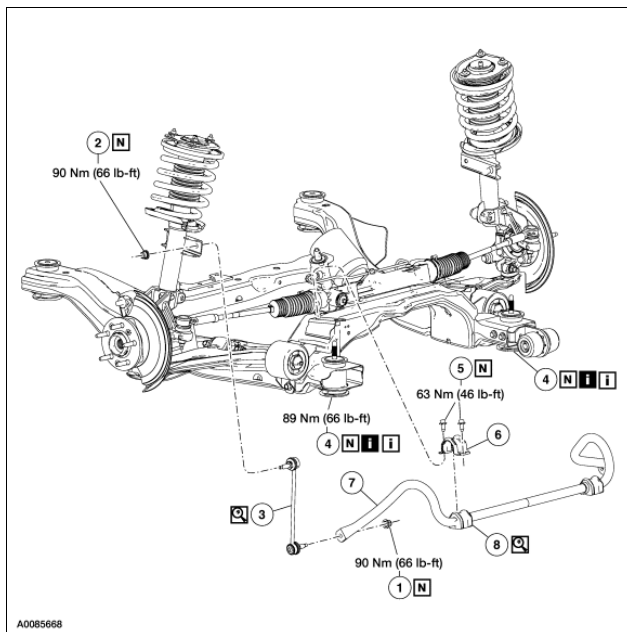


Stabilizer Bar and Link Front  [Printable View \(129 KB\)](#)

NOTE: Use the hex holding feature to prevent the studs from turning while removing or installing the stabilizer bar link nuts.

1. With the vehicle in NEUTRAL, position on a hoist. For additional information refer to [Section 100-00](#).
2. Remove the parts in the order indicated in the following illustration and table.



Item	Part Number	Description
1	N807144-S427	Stabilizer bar link-to-stabilizer bar nuts
2	N807144-S427	Stabilizer bar link-to-stabilizer bar nuts
3	5K483	Stabilizer bar links Inspection Note
4	W709528-S439	Subframe bolt (2 req'd) Removal Note Installation Note
5	N806899-S426	Stabilizer bar bracket bolts
6	5486	Stabilizer bar bracket
7	5482	Stabilizer bar
8	5484	Stabilizer bar bushing Inspection Note

3. To install, reverse the removal procedure.

Item 3: Stabilizer Bar Links Inspection Note

1. Inspect the stabilizer bar link ball joints and boots for wear. If necessary, install new parts.


Item 4: Subframe Bolt Removal Note

1. Remove and discard the subframe bolts.
2. Lower the rear of the subframe 5 to 8 cm (2 to 3 in) to gain access to the stabilizer bar bracket retaining bolts.

Item 8: Stabilizer Bar Bushing Inspection Note

1. Inspect the stabilizer bar bushings for wear. If necessary, install new parts.

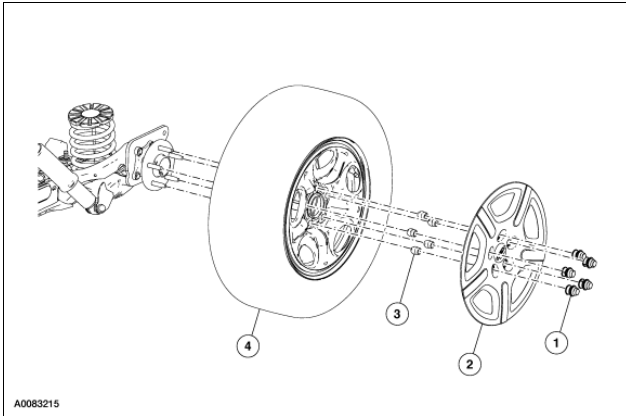
Item 4: Subframe Bolt Installation Note

1.  **CAUTION: Do not use power tools to install the subframe bolts.**

Install new subframe bolts using hand tools.

Wheel and Tire Rear  [Printable View \(67 KB\)](#)

1. With the vehicle in NEUTRAL, position on a hoist. For additional information refer to [Section 100-00](#) .
2. Remove the parts in the order indicated in the following illustration and table.




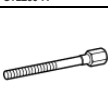
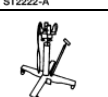


Item	Part Number	Description
1		Plastic wheel nut cover (part of 1130)
2	1130	Wheel cover
3	1012	Wheel nut
4		Wheel and tire assembly

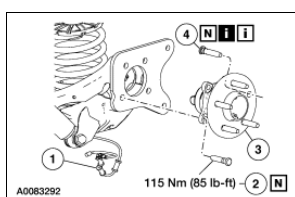
3. To install, reverse the removal procedure.

Rear Suspension  [Printable View \(369 KB\)](#)

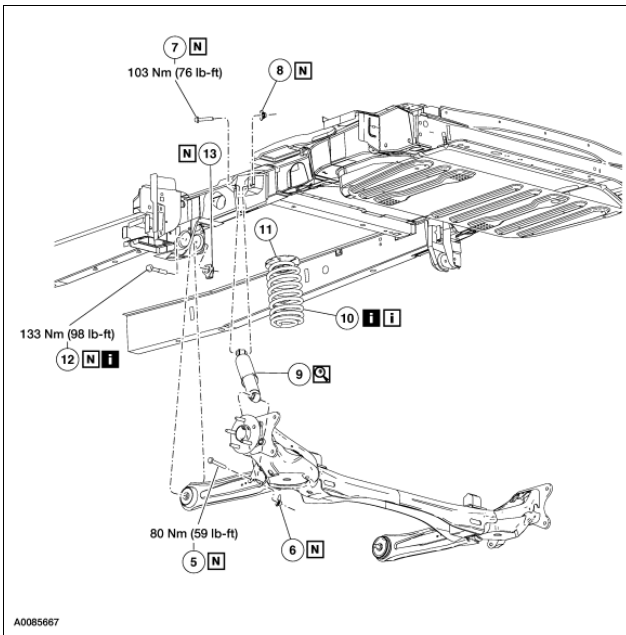
Special Tool(s)

 ST2267-A	Bushing Replacer 204-189 (T95T-5638-DH)
 ST2268-A	Bushing Remover 204-190 (T95T-5638-EH)
 ST2269-A	Bushing Remover/Replacer 204-191 (T95T-5638-FH)
 ST2222-A	Forcing Screw 204-044 (T79P-5638-AR)
 ST1130-A	Rotunda High Lift Jack 014-00942 or equivalent

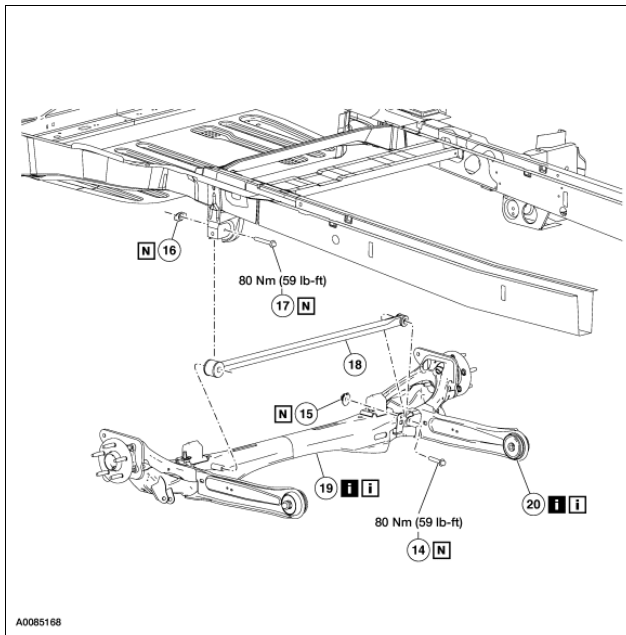
1. With the vehicle in NEUTRAL, position on a hoist. For additional information, refer to [Section 100-00](#).
2. Remove the rear brake disc. For additional information, refer to [Section 206-00](#).
3. If the rear axle assembly is being removed, disconnect the brake lines and ABS rear wheel speed sensor wire bundle from the rear axle assembly.
4. Remove the parts in the order indicated in the following illustrations and tables.



Item	Part Number	Description
1		ABS sensor connector (Disconnect)
2	N808218-S101	Wheel hub and bearing assembly bolt
3	1109	Wheel hub and bearing assembly
4	2B399	Wheel stud Removal Note Installation Note



Item	Part Number	Description
5	W705315-S426	Shock absorber-to-axle bolt
6	N805007-S426	Shock absorber-to-axle flagnut
7	N808590-S426	Upper shock absorber bolt
8	N811780-S436	Upper shock absorber nut
9	18125	Shock absorber
10	5560	Spring Removal Note Installation Note
11	5536	Spring insulator (2 req'd)
12	N803960-S60	Trailing arm bolt (2 req'd) Removal Note
13	N807472-S60	Trailing arm nut (2 req'd)

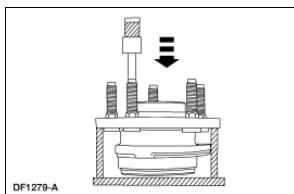


Item	Part Number	Description
14	N811779-S428	Track rod-to-axle bolt
15	N811780-S436	Track rod-to-axle nut
16	N807778-S60	Track rod-to-body bracket nut
17	N808903-S60	Track rod-to-body bracket nut
18	4264	Track rod
19	48435	Axle assembly Removal Note Installation Note
20	5K792	Trailing arm bushing Removal Note Installation Note

5. To install, reverse the removal procedure.

Item 4: Wheel Stud Removal Note

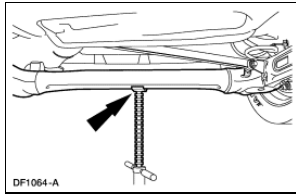
1. Using a suitable press, remove the wheel stud from the wheel hub and bearing assembly.



Item 10: Spring Removal Note

1. **⚠ CAUTION:** The rear axle assembly must be supported to prevent damage to the vehicle. The rear axle U-channel must fit completely into the saddle of the jack stand to prevent damage to the rear axle.

Support the rear axle with a jack stand.



2. **NOTE:** The spring insulators may come out with the spring when the spring is removed.

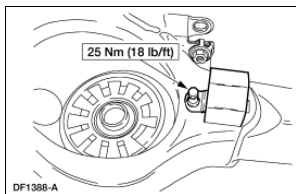
Remove the spring from the vehicle while slowly lowering the axle using the jack stand.

Item 12: Trailing Arm Bolt Removal Note

1. If necessary, use a pry bar to remove the trailing arm and bushing from the body bracket.

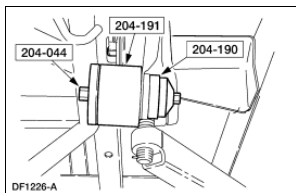
Item 19: Axle Assembly Removal Note

1. If necessary, remove the jounce bumpers.

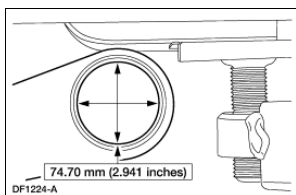


Item 20: Trailing Arm Bushing Removal Note

1. Using the special tools, remove the trailing arm bushing.

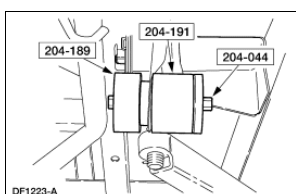


2. Using a suitable calibrated telescoping micrometer, measure the trailing arm bushing bore. If the measurement exceeds the specification, install a new rear axle assembly.



Item 20: Trailing Arm Bushing Installation Note

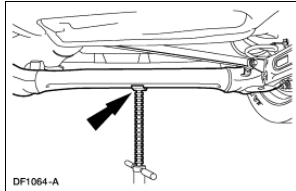
1. Using the special tools, install the trailing arm bushing.



Item 19: Axle Assembly Installation Note

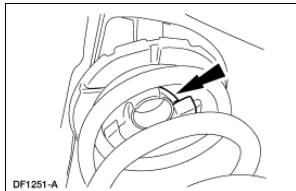
1. **⚠ CAUTION:** The rear axle assembly must be supported to prevent damage to the vehicle. The rear axle U-channel must fit completely into the saddle of the jack stand to prevent damage to the rear axle.

Support the rear axle with a jack stand.



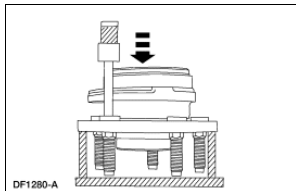
Item 10: Spring Installation Note

1. If removed, position the spring insulator(s) on the spring.



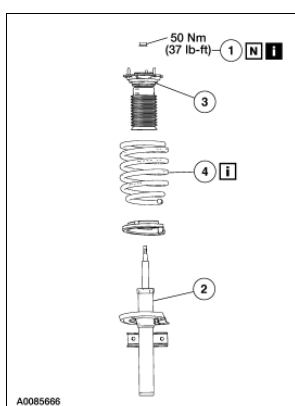
Item 4: Wheel Stud Installation Note

1. Using a suitable press, install a new wheel stud.



Shock Absorber and Spring Assembly  [Printable View \(45 KB\)](#)

1. Remove the shock absorber and spring assembly. For additional information, refer to [Shock Absorber and Spring Assembly Front](#) in this section.
2. For reference during assembly, make an index mark on the mount, spring and shock.
3. Using a suitable spring compressor, compress the spring until the tension is released from the shock absorber.
4. Disassemble the parts in the order indicated in the following illustration and table.

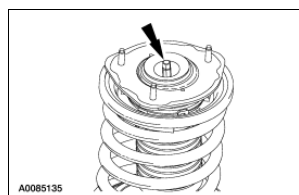


Item	Part Number	Description
1	N804608-S436	Shock absorber-to-upper mount nut Disassembly Note
2	18124	Shock absorber
3	18183/ 3B455	Upper shock mount/bearing assembly
4	5310	Coil spring Assembly Note

5. To assemble, reverse the disassembly procedure.


Item 1: Shock Absorber-to-Upper Mount Nut Disassembly Note

1. Remove the strut and spring assembly top shaft retaining nut.
 - Position a suitable pass-through socket wrench onto the strut shaft top retaining nut.
 - Place a 10-mm six point deep well socket on top of the strut shaft.
 - Remove the strut shaft while holding the retaining nut in place.

**Item 4: Coil Spring Assembly Note**

2004 Freestar/Monterey Workshop Manual

1. If installing a new spring, make sure the part number is correct. Refer to the vehicle certification (VC) label for the correct spring code. Refer to [Section 100-00](#) to convert the spring code to the correct part number.
-

 [Printable View \(8 KB\)](#)

General Specifications

Item	Specification
Halfshaft assembled length (LH)	24.07 in (611.37 mm)
Halfshaft assembled length (RH)	28 in (711.2 mm)

General Specifications

Item	Specification
Lubricants and Sealants	
Threadlock 242 E2FZ-19554-B	WSK-M2G351-A6

Torque Specifications

Description	Nm	lb-ft
Front axle wheel end nut	150	111
Bolt and nut retaining the knuckle to the front suspension lower arm ball joint	63	46
Bolt retaining the disc brake caliper to the anchor plate	55	41