

2014.0 XF (X250), 204-01

FRONT SUSPENSION

FRONT SHOCK ABSORBER (G979417)

REMOVAL AND INSTALLATION

60.30.02	FRONT SHOCK ABSORBER - RENEW	3000 CC, AJ V6 (AJ126), SUPERCHARGED, 4WD	1	USED WITHINS
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REMOVAL

NOTES:

- Fuse box release only required on removal of the RH front shock absorber.
- Expansion tank release only required for supercharged variant removal of the LH front shock absorber.

All vehicles

1.

WARNING:

Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

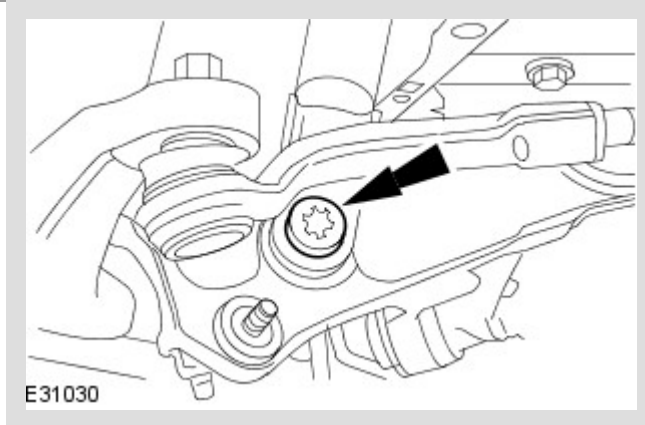
2. Remove the front wheel and tire.

For additional information, refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

3. Remove the front stabilizer bar link.

For additional information, refer to: [Front Stabilizer Bar Link](#) (204-01 Front Suspension, Removal and Installation).

4.

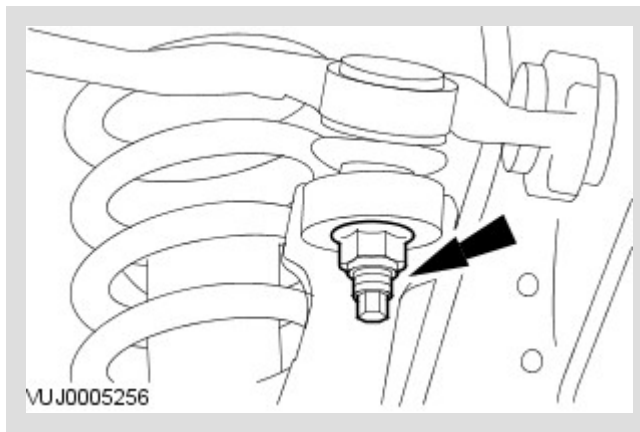


Release the front shock absorber from the lower arm.

5.

⚠ CAUTIONS:

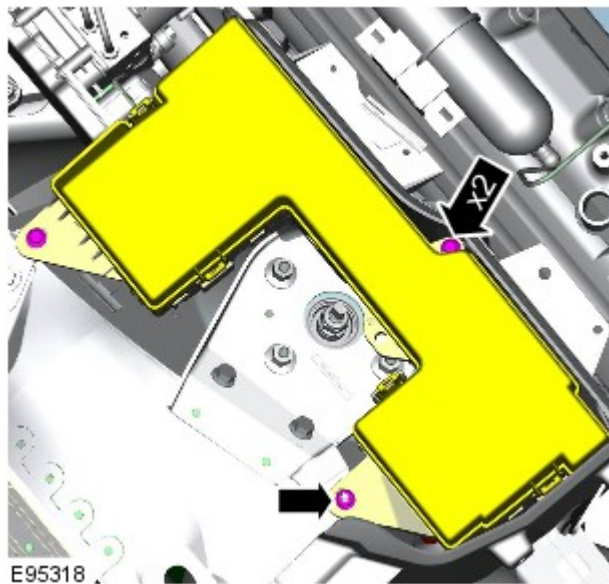
- Make sure the wheel knuckle is supported. Failure to follow these instructions may result in damage to the vehicle.
- Use an Allen key to prevent the ball joint rotating whilst removing the nut.



Disconnect the upper arm from the wheel knuckle.

6. Lower the vehicle.

7.

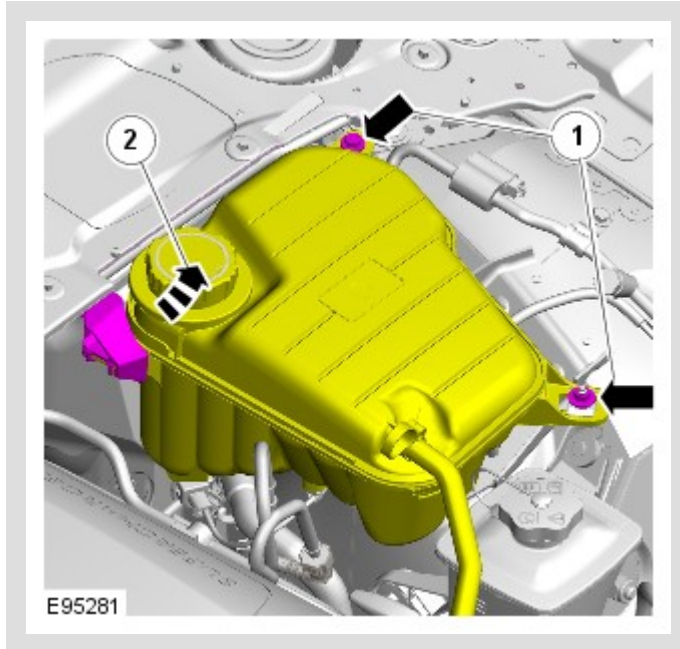


Release the fuse box.

Remove the 2 bolts and 1 nut.

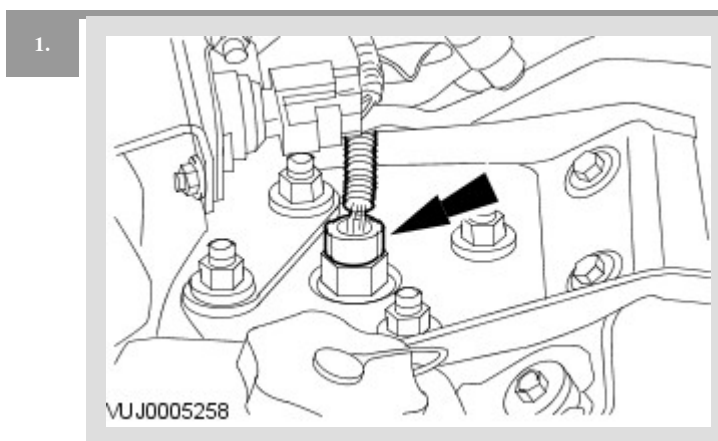
Position the fuse box aside for access to the inboard retaining nut.

8.



Release the coolant expansion tank for access.

Vehicles with supercharger



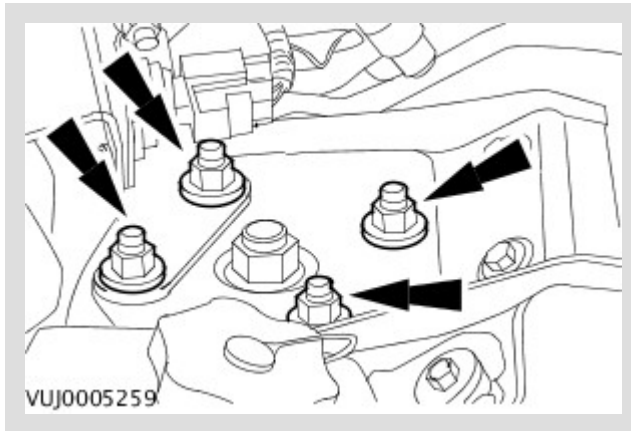
Disconnect the front shock absorber electrical connector.

All vehicles

1.

NOTE:

Some variation in the illustrations may occur, but the essential information is always correct.



Remove the front shock absorber and spring assembly.

2.

NOTE:

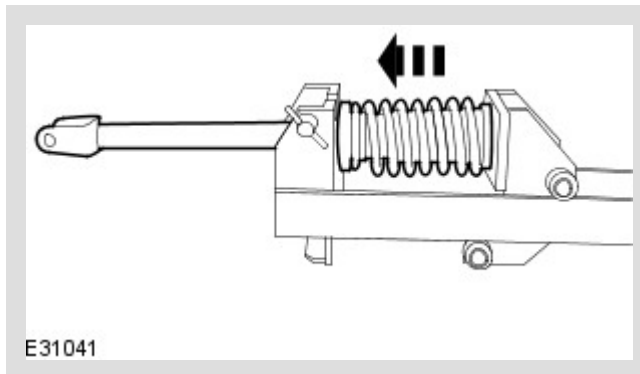
Do not disassemble further if the component is removed for access only.

Install the front shock absorber and spring assembly in the spring compressor.

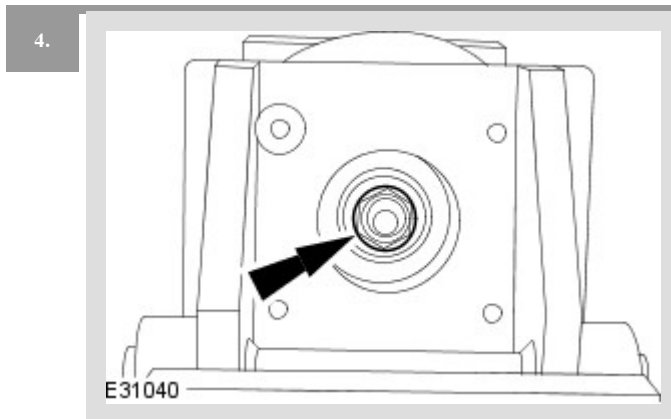
3.

WARNING:

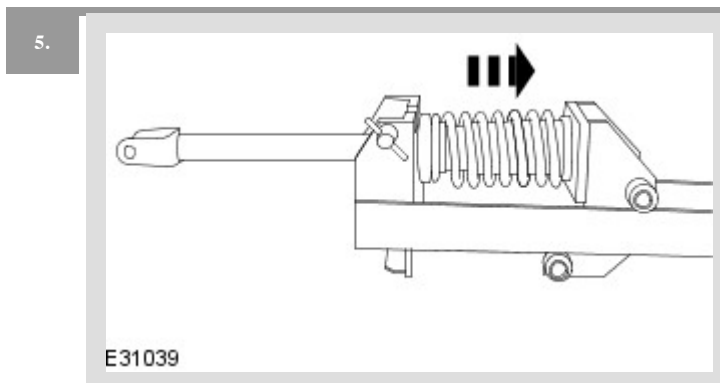
The spring is under extreme tension, care must be taken at all times. Failure to follow these instruction may result in personal injury.



Compress the spring.

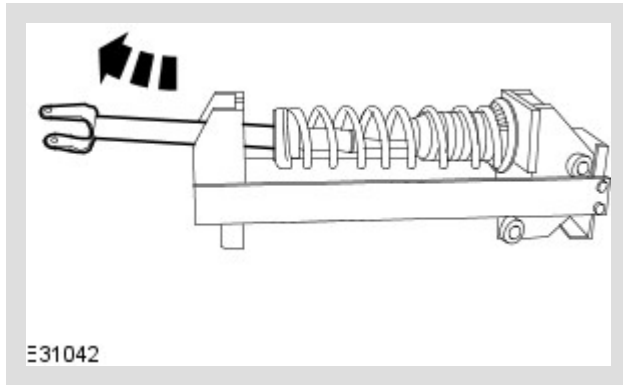


Remove the front shock absorber retaining nut



Carefully release the spring tension.

6.

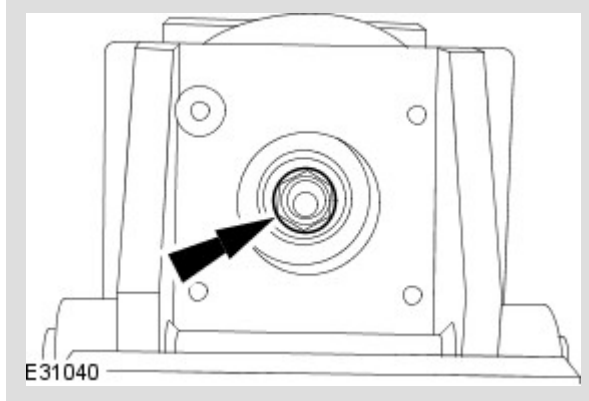


Remove the front shock absorber.

INSTALLATION

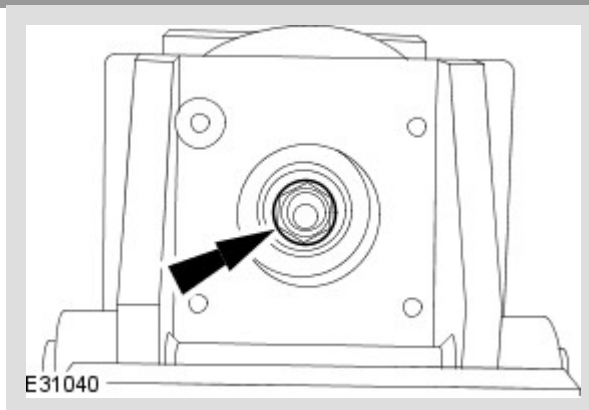
All vehicles

1.



Vehicles without adaptive damping: Tighten the nut to 50 Nm.

2.

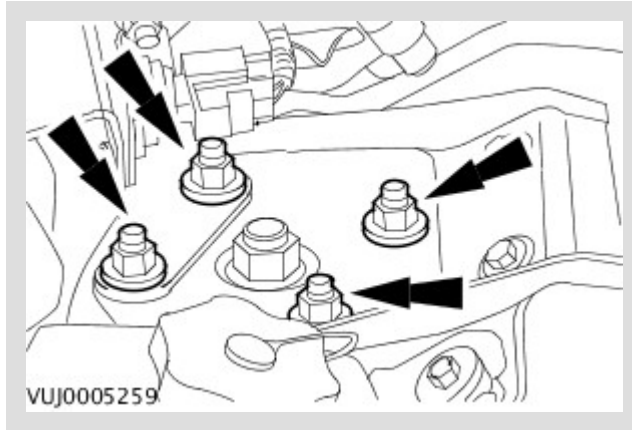


Vehicles with adaptive damping: Tighten the nut to 27 Nm.

3.

 **NOTE:**

Some variation in the illustrations may occur, but the essential information is always correct.

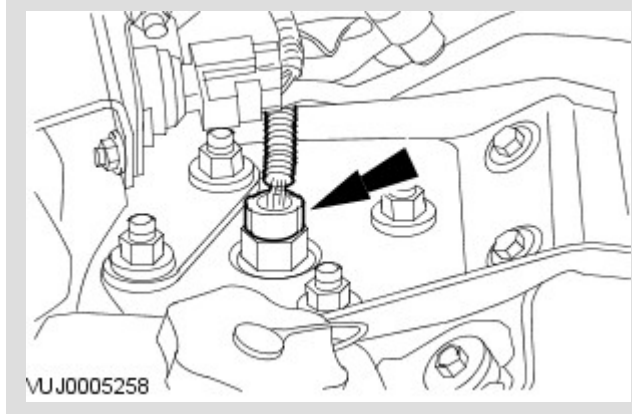


Install the front shock absorber and spring assembly.

Tighten the nuts to 30 Nm.

Vehicles with supercharger

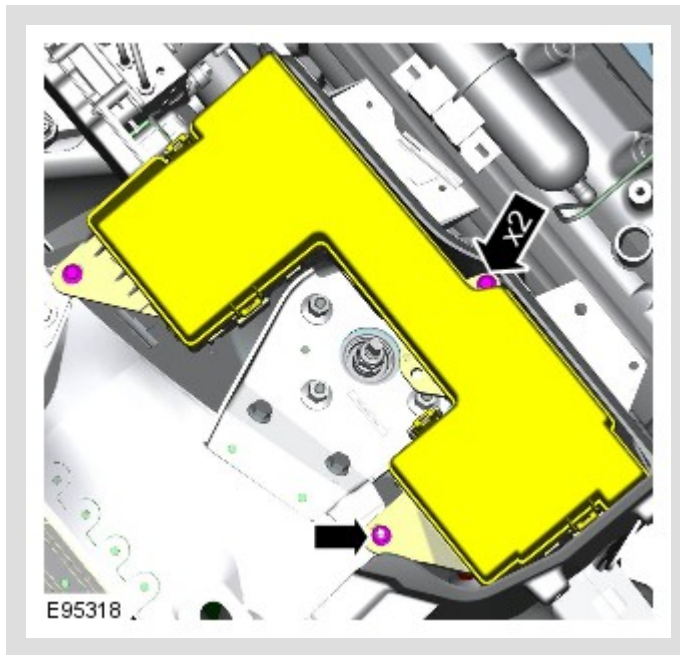
1.



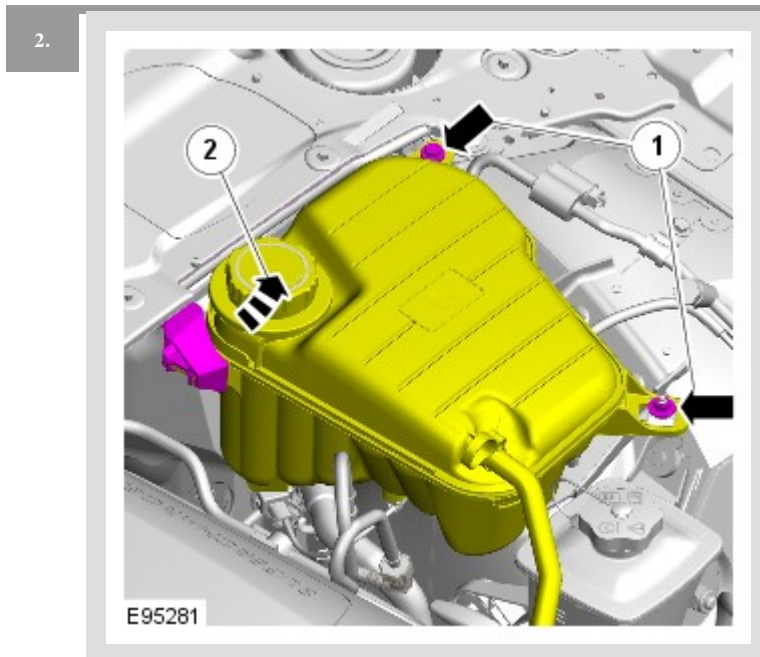
Connect the front shock absorber electrical connector.

All vehicles

1.



Secure the fuse box.



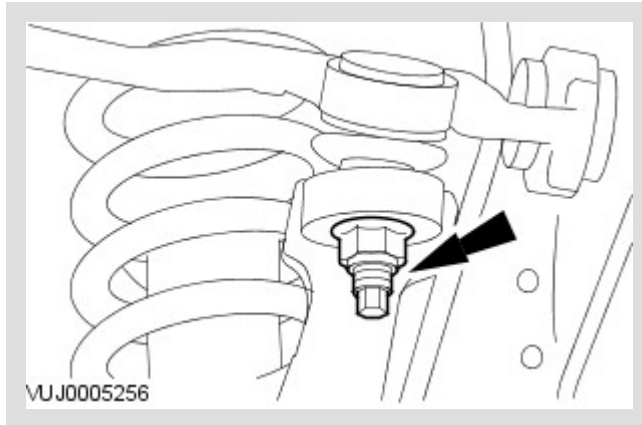
Secure the coolant expansion tank.

Tighten to 10 Nm.

3. Raise the vehicle.

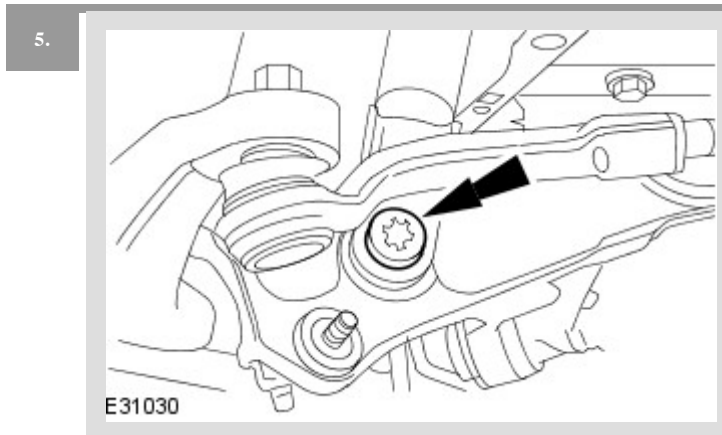
4. **⚠ CAUTIONS:**

- Use an Allen key to prevent the ball joint rotating whilst installing the nut.
- Make sure the wheel knuckle is supported. Failure to follow these instructions may result in damage to the vehicle.



Secure the upper arm to the wheel knuckle.

Tighten the nut to 90 Nm.



Connect the front shock absorber and spring assembly to the lower arm.

Tighten the bolt to 175 Nm.

6. Install the front stabilizer bar link.

For additional information, refer to: [Front Stabilizer Bar Link](#) (204-01 Front Suspension, Removal and Installation).

7. Install the front wheel and tire.

For additional information, refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

8. Lower the vehicle.

2014.0 XF (X250), 204-01

FRONT SUSPENSION

FRONT STABILIZER BAR LINK (G979423)

REMOVAL AND INSTALLATION

60.10.02	STABILIZER BAR LINK ARM - RENEW	ALL DERIVATIVES	0.3	USED WITHINS
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REMOVAL

1.



WARNING:

Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

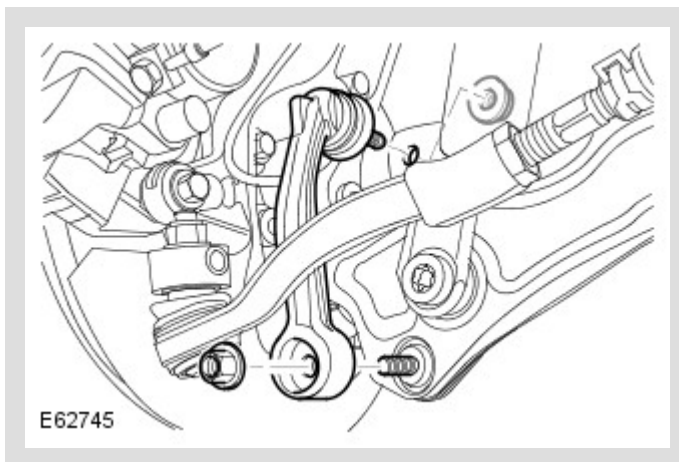
2. Remove the front wheel and tire.

For additional information, refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

- 3.

 **NOTE:**

Use an additional wrench to prevent the ball joint rotating.



Remove the front stabilizer bar link.

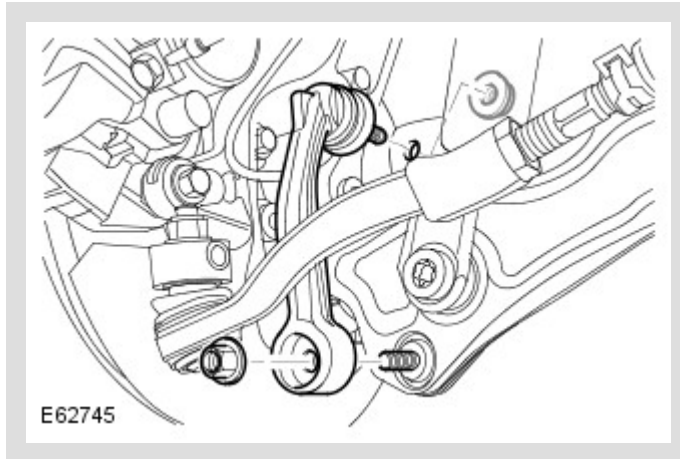
Remove and discard the 2 nuts.

INSTALLATION

- 1.

 **NOTE:**

Use an additional wrench to prevent the ball joint rotating.



Install the front stabilizer bar link.

Tighten the upper nut to 47 Nm.

Tighten the lower nut to 70 Nm.

2. Install the wheel and tire.

For additional information, refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

2014.0 XF (X250), 204-04

WHEELS AND TIRES

WHEEL AND TIRE (G1029140)

REMOVAL AND INSTALLATION

74.20.05	WHEEL AND TIRE ASSEMBLY - REMOVE AND INSTALL	ALL DERIVATIVES	0.2	USED WITHINS
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REMOVAL

NOTE:

Removal steps in this procedure may contain installation details.

1.

WARNING:

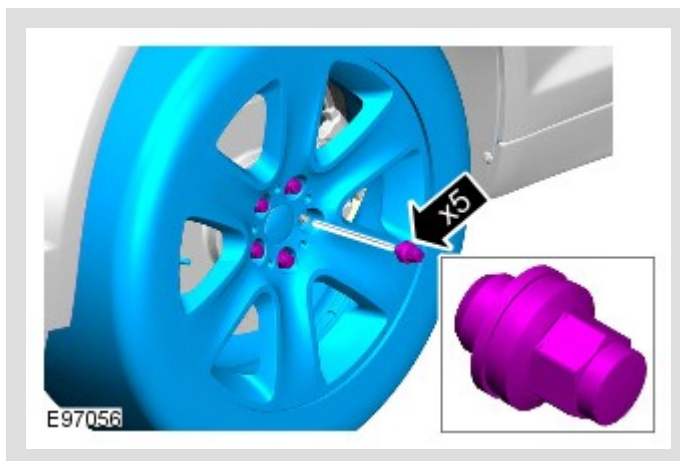
Make sure to support the vehicle with axle stands.

Raise and support the vehicle.

2.

CAUTION:

Using power tools may result in damage to the wheel nuts. Make sure the wheel nuts are released using hand tools only.



Remove the wheel and tire.

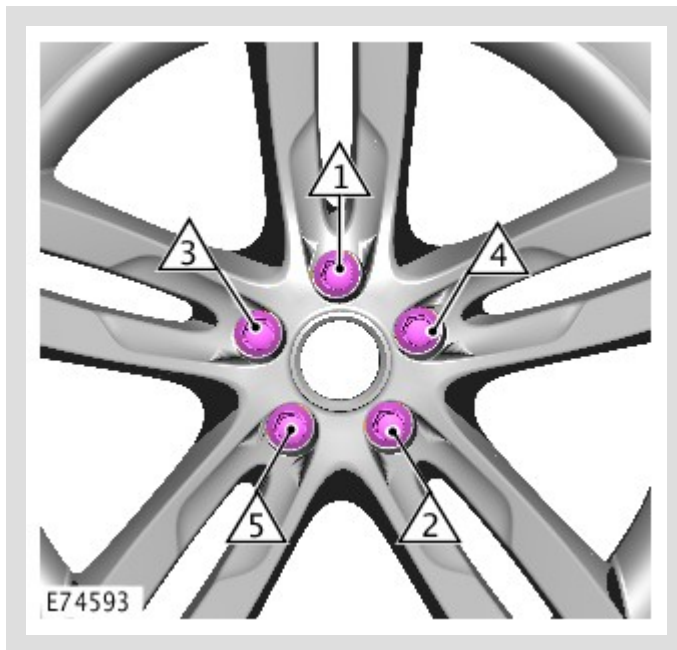
Torque: **125 Nm**

INSTALLATION

1.

⚠ CAUTIONS:

- Apply a small amount of grease to the hub and wheel mating surfaces before installation. Make sure the grease does not come into contact with the vehicles braking components and the wheel stud threads. Failure to follow these instructions may result in personal injury.
- Using power tools may result in damage to the wheel nuts. Make sure the wheel nuts are installed using hand tools only.



Install the wheel and tire.