

2016.0 F-TYPE (X152), 204-01

## FRONT SUSPENSION

**REAR LOWER CONTROL ARM - RBOM** [G4396111]

PART[S]

ALL VEHICLES

Name	Mandatory or Optional Part reason	Quantity	Part Number
Front lower control arm to rear lower control arm bolt(s)	Mandatory	1	T4N3679
Front lower control arm to rear lower control arm nut(s)	Mandatory	1	T4N3680
Front lower control arm to wheel knuckle nut(s)	Mandatory	1	C2P7442
Front shock absorber to lower arm bolt(s)	Mandatory	1	C2P5886
Front Suspension Rear Lower Control Arm - Left Hand (Main Component)	Optional: Multiple choice of part	1	-
Front Suspension Rear Lower Control Arm - Right Hand (Main Component)	Optional: Multiple choice of part	1	-
Rear lower control arm to front subframe bolt(s)	Mandatory	1	T2R16697
Rear lower control arm to front subframe nut(s)	Mandatory	1	C2P7440

REPAIR

[Rear Lower Control Arm](#) [204-01 REMOVAL AND INSTALLATION G1580048]PUBLISHED: 07-JUL-2017  
2016.0 F-TYPE (X152), 204-01

## FRONT SUSPENSION

**REAR LOWER CONTROL ARM** [G1580048]

REMOVAL AND INSTALLATION

60.35.54

LATERAL  
LOWER  
CONTROL

2WD

0.30

USED WITHINS

+

## ARM - RENEW

### PART[S]

STEP	PART NAME	QUANTITY
Removal Step 9	Front lower control arm nut and bolt	1
Removal Step 10	Rear lower arm to subframe nut and bolt	1
Removal Step 7	Rear lower control arm ball joint nut	1
Removal Step 8	Shock absorber lower bolt	1

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### REMOVAL

#### CAUTION:

Do not use air tools to install the nuts. Failure to follow this instruction may result in damage to the component.

#### NOTES:

- Removal steps in this procedure may contain installation details.
- Some components shown removed for clarity.
- Some variation in the illustrations may occur, but the essential information is always correct.
- LH illustration shown, RH is similar.

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1.

#### CAUTION:

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.

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2. Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

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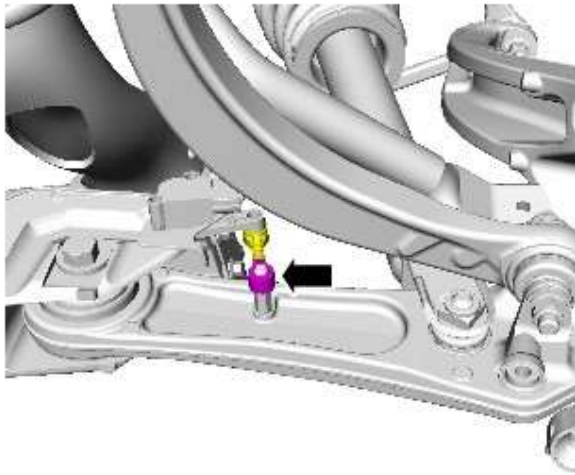
3.

#### NOTE:

RWD vehicles only.

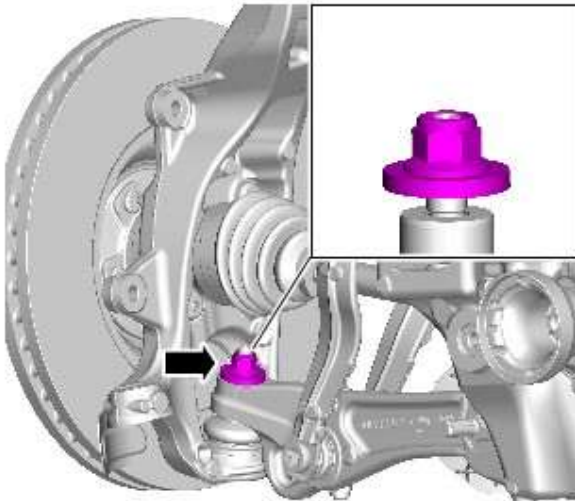
Refer to: [Stabilizer Bar Link - Rear Wheel Drive](#) (204-01 Front Suspension, Removal and Installation).

4.



E153831

5.



E173277

Loosen, but do not fully remove the nut.

Torque: **92Nm**

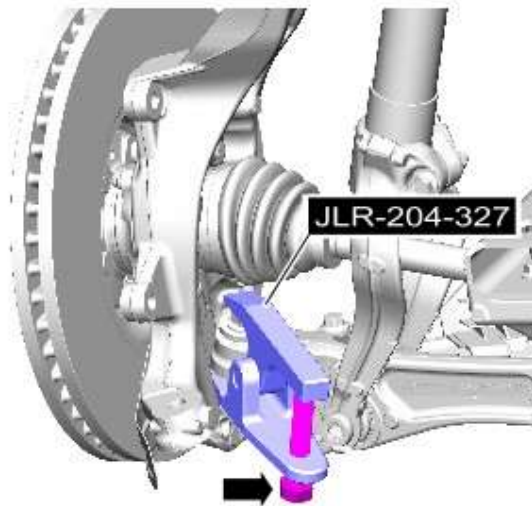
6.

**WARNING:**

Make sure the special tool is supported while carrying out the operation. Failure to follow this instruction may result in personal injury.

**CAUTION:**

Make sure the special tool is correctly located and the lower ball joint boot is not damaged while carrying out the operation. Failure to follow this instruction may result in damage to the component.

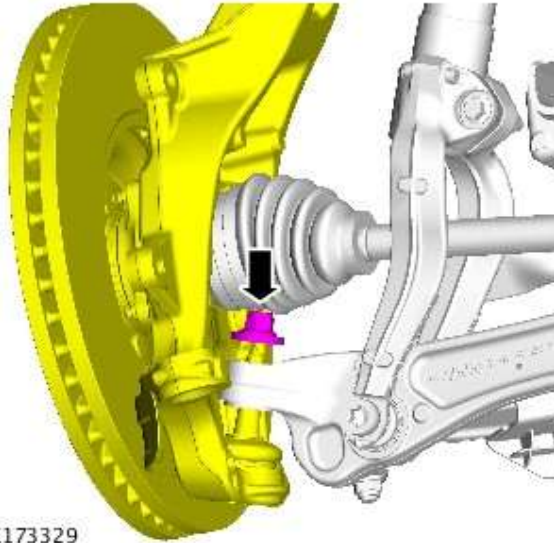


E173278

7.

**CAUTION:**

Discard the nut.



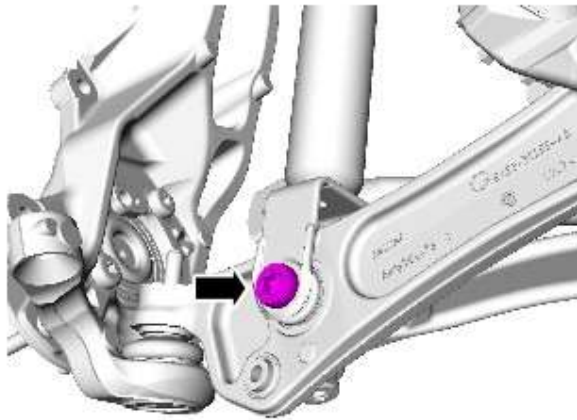
E173329

Renew Part: *Rear lower control arm ball joint nut* Quantity: 1.

8.

**CAUTION:**

Discard bolt.



E153833

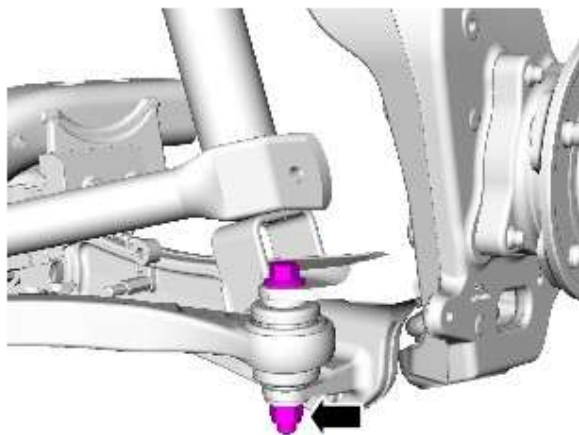
Renew Part: *Shock absorber lower bolt* Quantity: 1.

Torque: **175Nm**

9.

**CAUTION:**

Discard the nut and bolt.



E153832

Renew Part: *Front lower control arm nut and bolt* Quantity: 1.

Torque

Stage 1: **60Nm**

Stage 2: **135°**

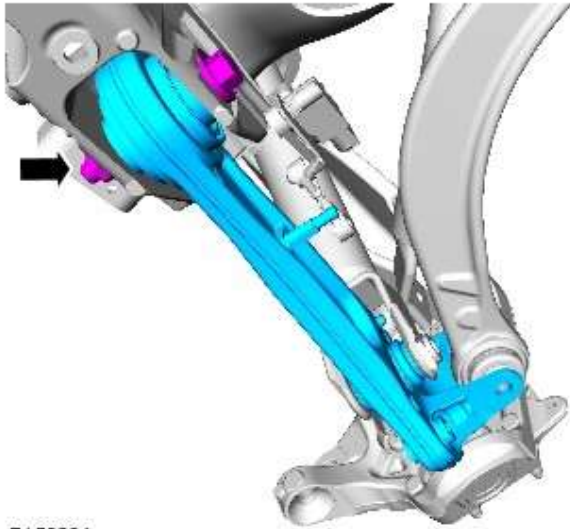
10.

**CAUTION:**

Discard the nut.

**NOTE:**

Note the fitted position.



E153834

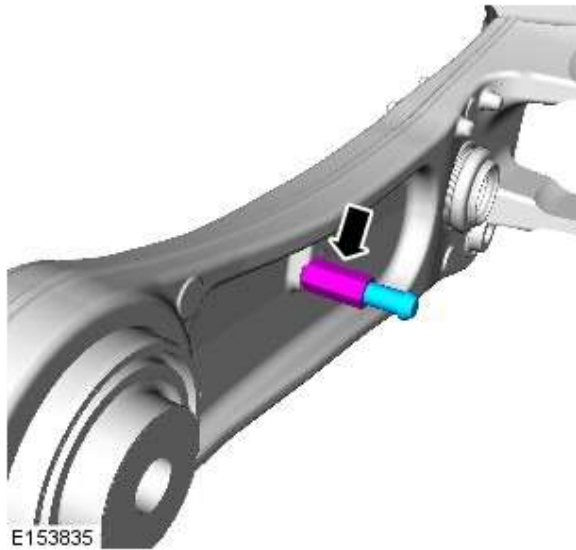
Renew Part: *Rear lower arm to subframe nut and bolt* Quantity: 1.

Torque: **183Nm**

11.

**NOTE:**

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



*Torque: 10Nm*

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**INSTALLATION**

1.

**CAUTIONS:**

- The final tightening of the suspension components must be carried out with the vehicle on its wheels.
- Make sure that new nuts are installed.

To install, reverse the removal procedure.

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2. Refer to: Front Camber and Caster Adjustment (204-00 Suspension System - General Information, General Procedures).

Refer to: [Front Toe Adjustment](#) (204-00 Suspension System - General Information, General Procedures).

amFsb2izwB7MjAyN0wNC0xNiQwMzozNToxNy41ODJhOzc2LjQ2LjM5MS4xMTc7U0FKV0E2OU5RzhLMzQ4MDc=

**PUBLISHED: 22-MAY-2015**  
**2016.0 F-TYPE (X152), 204-00**

**SUSPENSION SYSTEM - GENERAL INFORMATION**

**FRONT TOE ADJUSTMENT** [G188592]

## GENERAL PROCEDURES

## ACTIVATION

**The following step(s) applies to:**

All vehicles

**NOTES:**

- Only use calibrated equipment recommended by Jaguar.
- A change in camber means a change in toe, therefore camber must always be adjusted first (only where adjustable).
- Make sure the steering wheel is in the straight ahead position.

1. Note the correct geometry values before carrying out this procedure.  
Refer to: [Specifications](#) (204-00 Suspension System - General Information, Specifications).
2. Check the tie rod ends, suspension joints, wheel bearings and wheels and tires for damage, wear and free play. Check and adjust the tire pressures.
3. Roll the vehicle backwards and forwards to settle the steering and suspension.
4. Refer to: Front Wheel Camber/Castor Adjustment and adjust if necessary.

**The following step(s) applies to:**

Vehicles with rear wheel drive (RWD)

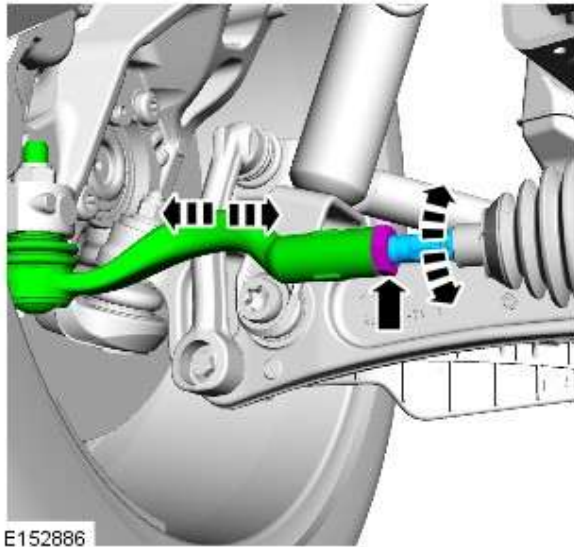
5.

**CAUTIONS:**

- To prevent damage to the tie rods, use an additional wrench when loosening or tightening the components.
- Do not allow the gaiter to twist.

**NOTE:**

Both tie rods must be rotated by an equal amount.



Adjust the front wheel Toe.

*Torque: 75Nm*

**The following step(s) applies to:**

Vehicles with all wheel drive (AWD)

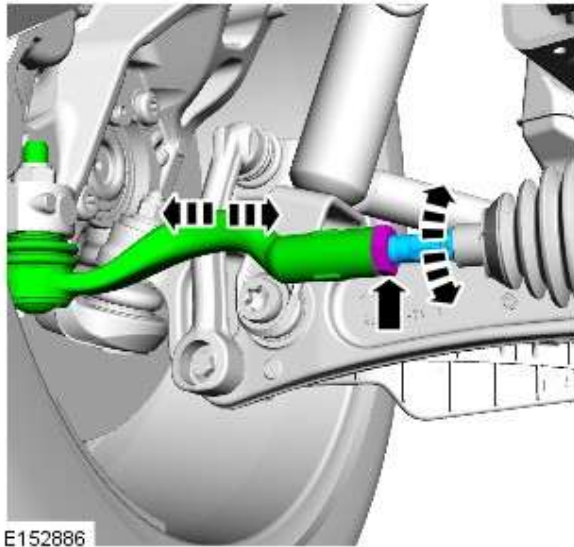
6.

**CAUTIONS:**

- To prevent damage to the tie rods, use an additional wrench when loosening or tightening the components.
- Do not allow the gaiter to twist.

**NOTE:**

Both tie rods must be rotated by an equal amount.



E152886

Adjust the front wheel Toe.

*Torque: 110Nm*

amFsb2lzaW87MjAyNjAwWmVhZDxNiQwMzozNToxOCyMjNiOzccjQ2LjhmMS4mMTc7U0FKV0E2OU5RanLMzO4MDc=

**PUBLISHED: 27-SEP-2016**  
**2016.0 F-TYPE (X152), 204-04**

**WHEELS AND TIRES****WHEEL AND TIRE** [G158007]

REMOVAL AND INSTALLATION

74.20.05

WHEEL AND  
TIREALL  
DERIVATIVES

0.10

USED WITHINS



**ASSEMBLY -  
REMOVE  
AND INSTALL**

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REMOVAL



**The following step(s) applies to:**  
All vehicles

1.

**WARNING:**

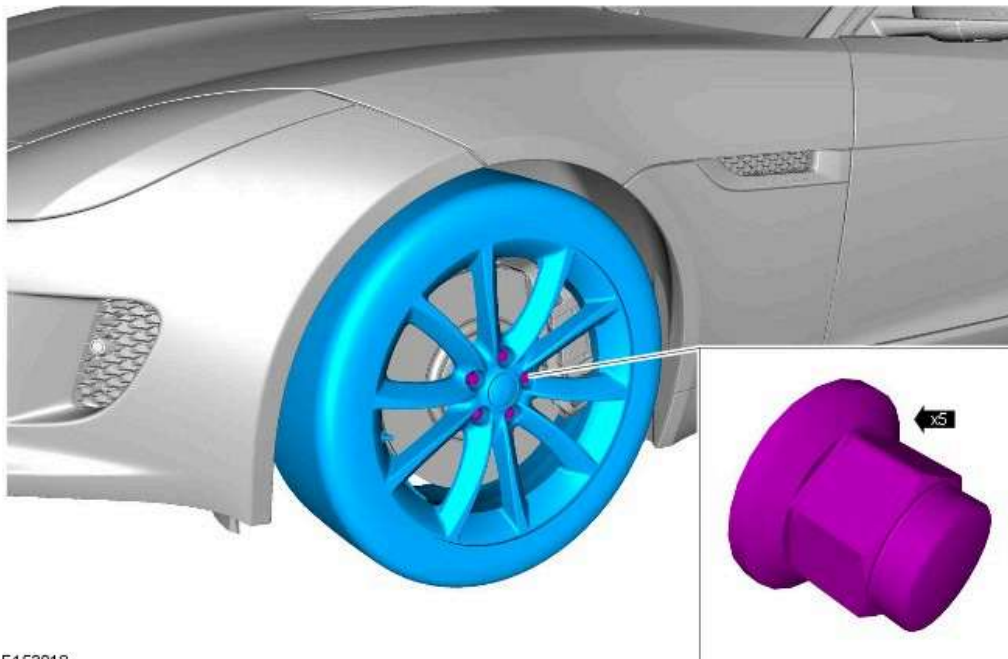
Make sure to support the vehicle with axle stands.

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.



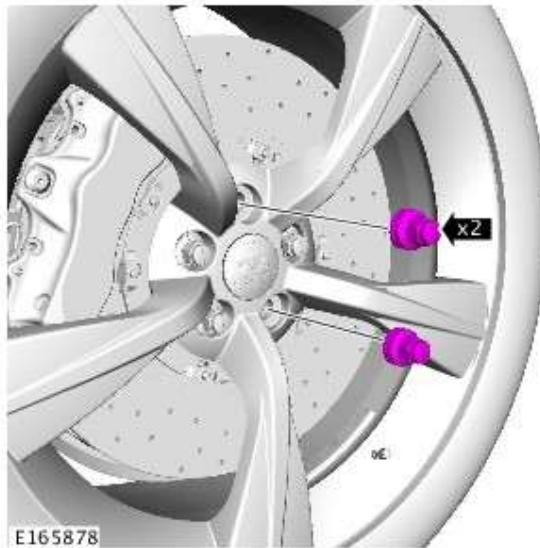
E153018

Remove the wheel and tire.

**The following step(s) applies to:**

Vehicles with carbon ceramic brakes

3.

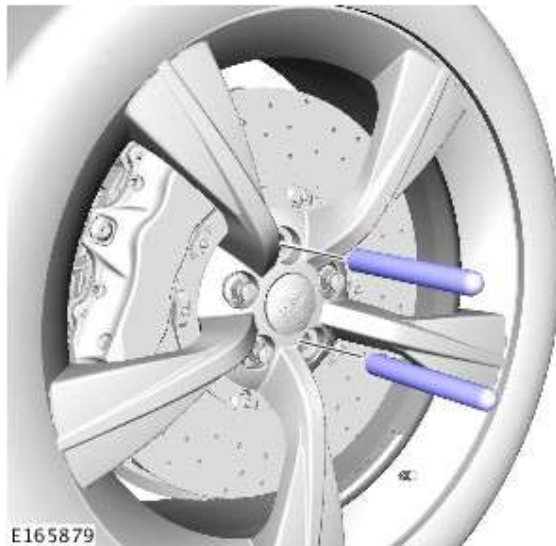


Remove 2 opposing wheel nuts.

4.

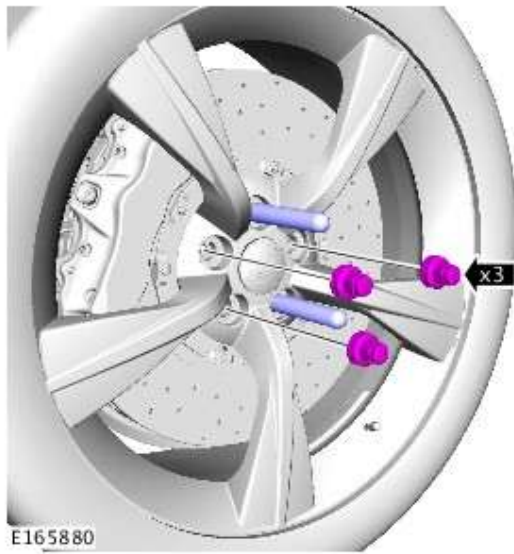
**NOTE:**

On vehicles fitted with carbon ceramic brake discs, remove two opposing wheel nuts and install the wheel guide pins supplied with the vehicle tool kit.



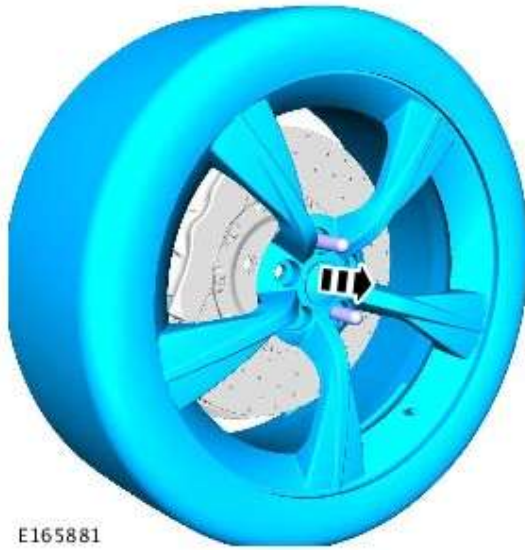
Install the guide pins.

5.



Remove the remaining wheel nuts and slide the wheel and tire over the guide tools.

6.



Remove the road wheel.

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## INSTALLATION

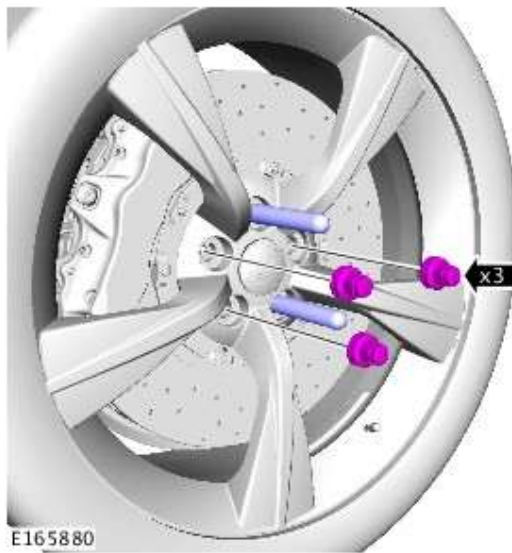
**The following step(s) applies to:**

Vehicles with carbon ceramic brakes

1.

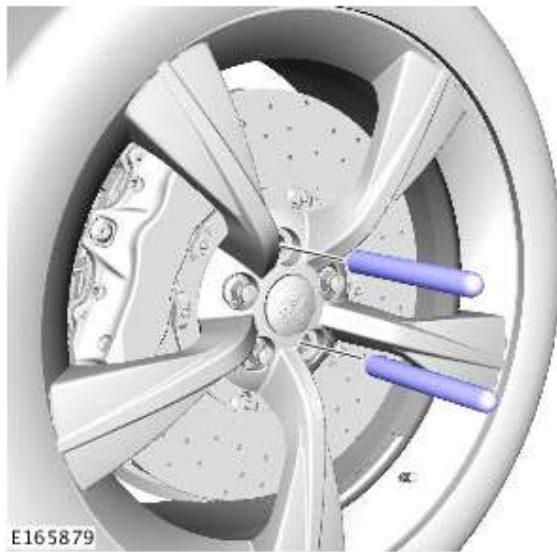
**CAUTIONS:**

- 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 over the guide pins and fit 3 wheel nuts.

2.

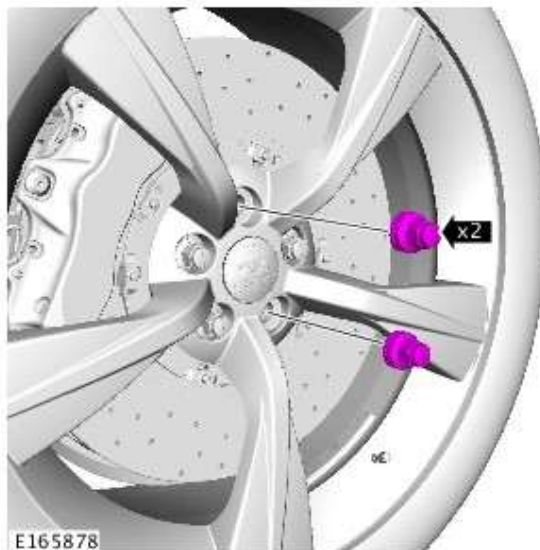


Remove the guide pins.

3.

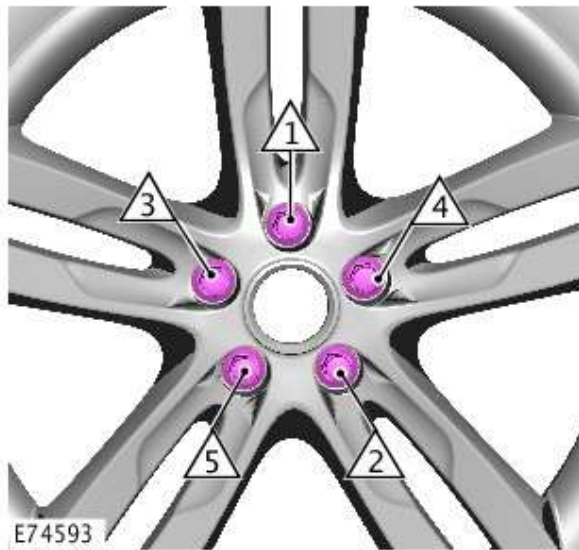
**CAUTION:**

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



Install the 2 remaining wheel nuts.

4.



Tighten the wheel nuts in the indicated sequence.

*Torque*

Stage 1: **15Nm**

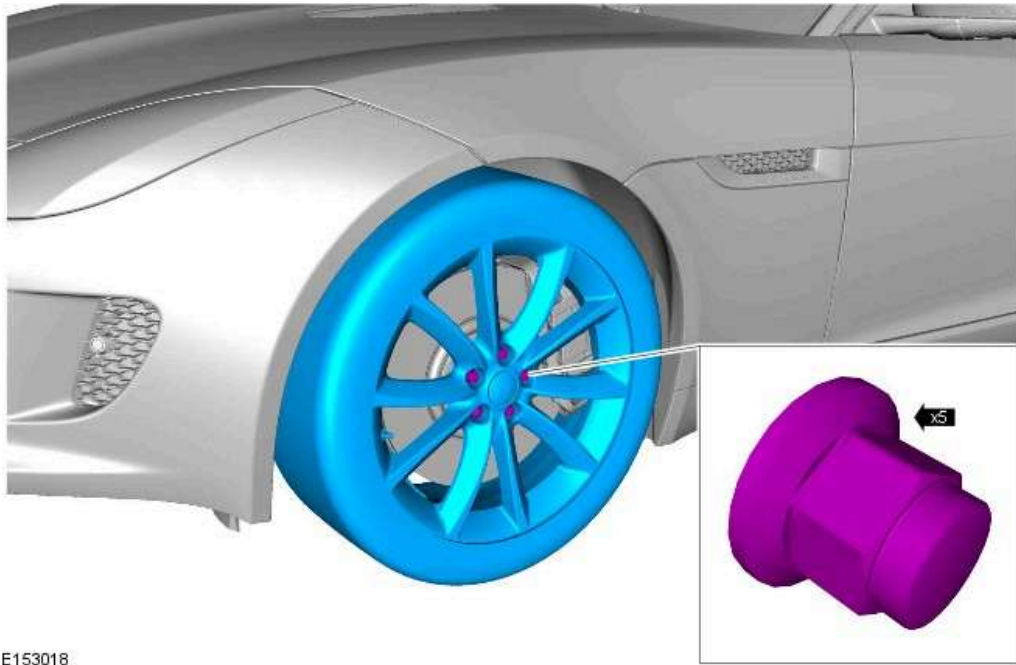
Stage 2: **70Nm**

Stage 3: **125Nm**

 **The following step(s) applies to:**  
All vehicles

5.

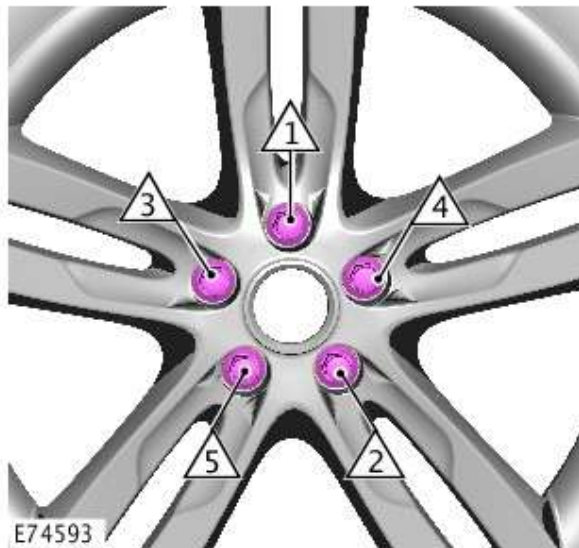
**CAUTION:**  
Using power tools may result in damage to the wheel nuts. Make sure the wheel nuts are installed using hand tools only.



E153018

Install the wheel and tire.

6.



Tighten the wheel nuts in the indicated sequence.

*Torque*

Stage 1: **15Nm**

Stage 2: **70Nm**

Stage 3: **125Nm**

amFsb2lzaW87MjAyN0wNC0xNiQwMzo2NTxvOC41NDhaOzczLjQ2LjMMS4wMTc7U0FKV0E2QlUSRzhLMzo04MDc=

**PUBLISHED: 13-JUL-2017**  
**2016.0 F-TYPE (X152), 204-01**

**FRONT SUSPENSION**

**STABILIZER BAR LINK - REAR WHEEL DRIVE** [G1580049]

REMOVAL AND INSTALLATION

60.10.02	<b>FRONT STABILIZER BAR LINK - RENEW</b>	2WD	0.30	USED WITHINS	+
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**PART[S]**

STEP	PART NAME	QUANTITY
Removal Step 3	Stabilizer bar link retaining nuts	1

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## REMOVAL

### NOTES:

- Removal steps in this procedure may contain installation details.
- Some components shown removed for clarity.
- Some variation in the illustrations may occur, but the essential information is always correct.
- RH shown, LH similar.

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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.

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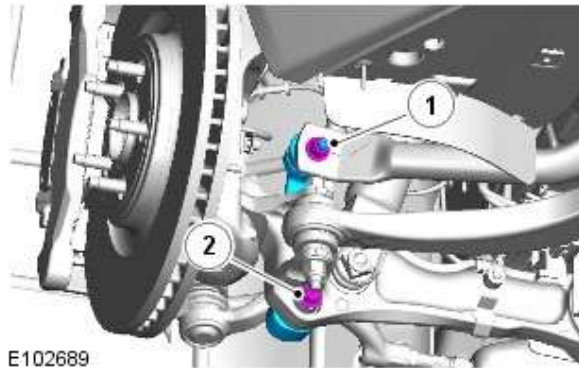
2. Refer to: [Wheel and Tire](#) (204-04 Wheels and Tires, Removal and Installation).

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3.

### CAUTION:

Discard the nuts.



Renew Part: [Stabilizer bar link retaining nuts](#) Quantity: 1.

Torque

1: 48Nm

2: 70Nm

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## INSTALLATION

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1. To install, reverse the removal procedure.

amFsb2lzaW87MjAyNi0wNC0xNiQwMzozNToxOC45MjhaOzcctLjQ2LjhmM54mTc7U0FKV0E2OU5RzhLMzQ4MDc=