

REAR SUSPENSION

WHEEL KNUCKLE - VEHICLES WITH: SVR (G1934808)

REMOVAL AND INSTALLATION


PART(S)

STEP	PART NAME	QUANTITY
Removal Step 5	Brake caliper housing bolt(s)	1
Removal Step 6	Stabilizer bar link lower nut	1
Removal Step 9	Brake caliper carrier bolt(s)	1
Removal Step 11	Wheel knuckle bolt(s)	1
Removal Step 13	Upper control arm nut(s)	1
Installation Step 4	Rear halfshaft nut	1

REMOVAL

 CAUTIONS:

- The parking brake caliper retaining bolts are installed in two left hand thread inserts on the mounting bracket which may loosen and unscrew if the retaining bolts are removed and cause damage to the brake disc, the inserts and the mounting bracket. Therefore it is essential that the following procedure is adhered to.
- Take care not to contaminate the brake pad friction materials or the brake discs.

 NOTES:

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

1.

Refer to: Electric Park Brake Service Mode Activation and Deactivation (206-05 Parking Brake and Actuation - Vehicles With: Carbon Ceramic Brakes, General Procedures).

2.

⚠ 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.

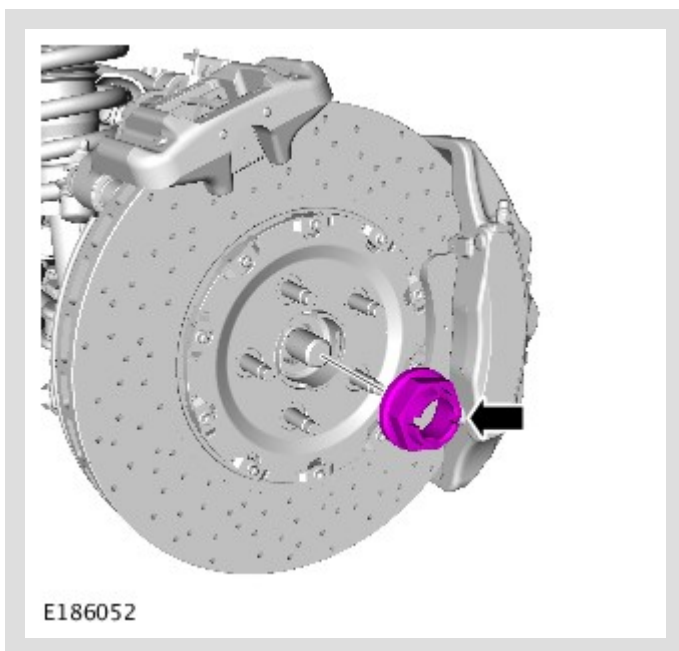
3.

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

4.

⚠ CAUTION:

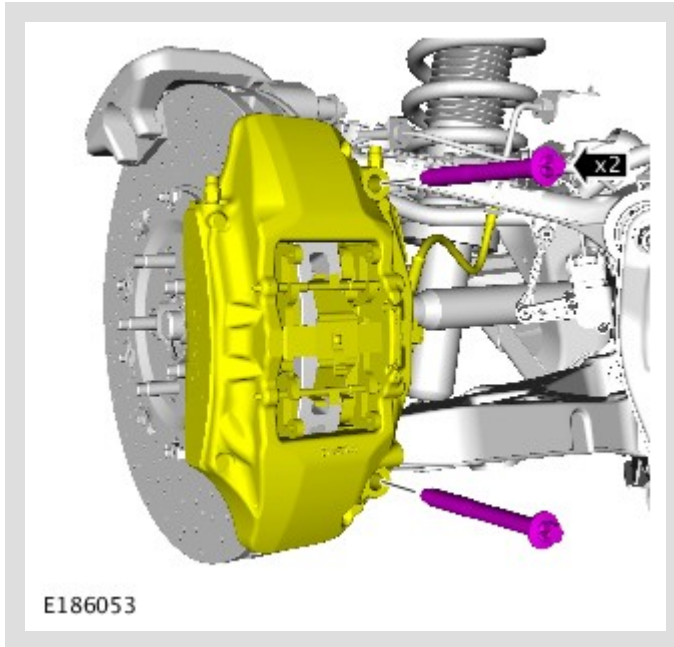
Do not use air tools to remove the halfshaft nut.



With assistance, remove the halfshaft retaining nut and retain it for use in the installation procedure.

⚠ CAUTIONS:

- Discard the bolts.
- Do not allow the brake caliper to hang on the brake hose.
- The brake disc can be easily damaged. Do not strike or lever on the brake disc.

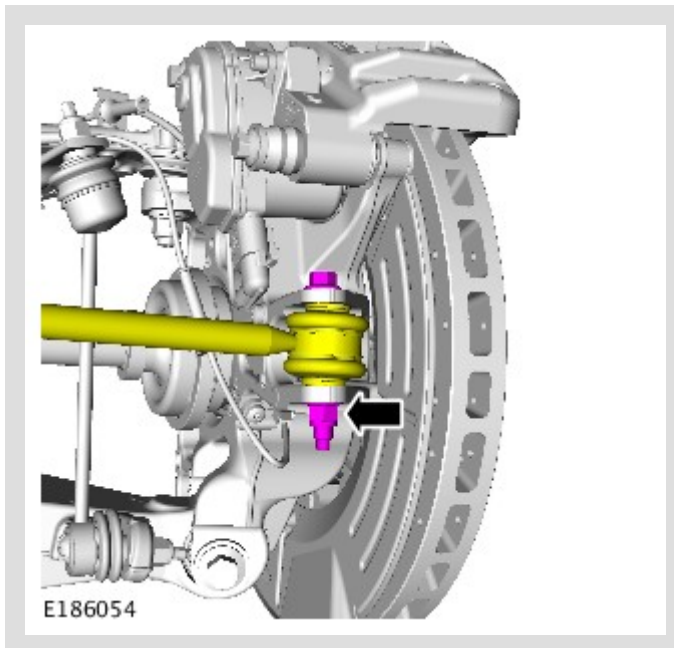


Renew Part: *Brake caliper housing bolt(s)* Quantity: 1 .

Torque: **115 Nm**

⚠ CAUTION:

Discard the nut.

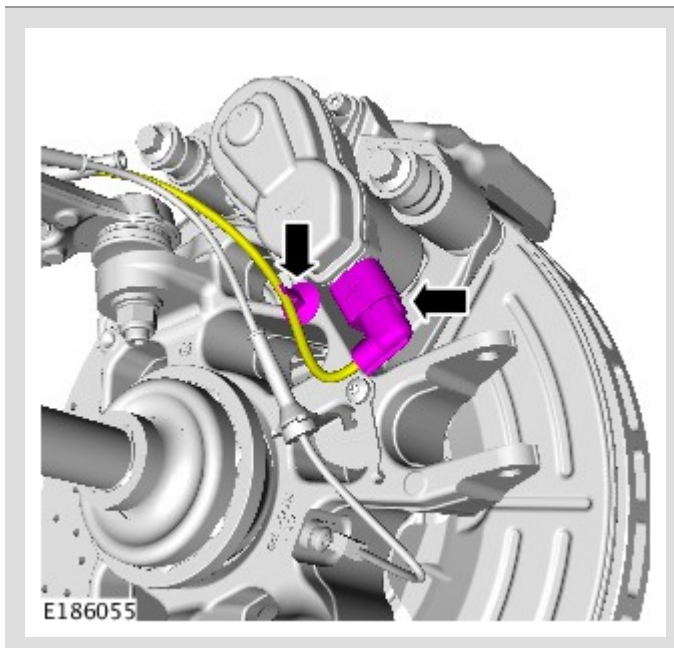


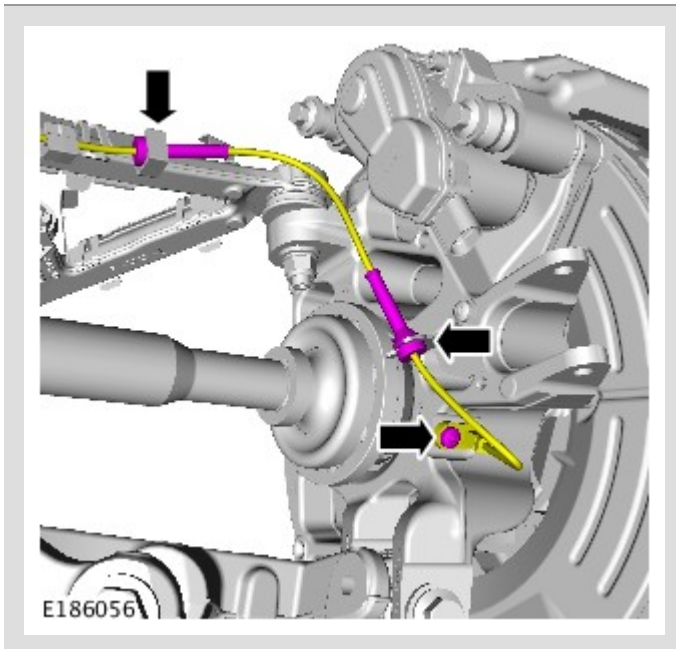
Renew Part: *Stabilizer bar link lower nut* Quantity: 1 .

Torque:

Stage 1: **40 Nm**

Stage 2: **180°**



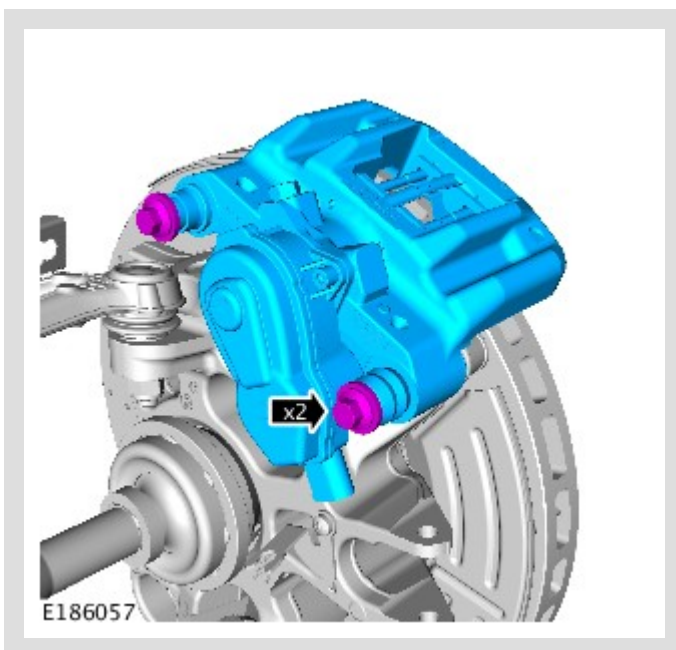


Torque: **10 Nm**



CAUTIONS:

- Discard the bolts.
- The brake disc can be easily damaged. Do not strike or lever on the brake disc.



Renew Part: *Brake caliper carrier bolt(s)* Quantity: **1** .

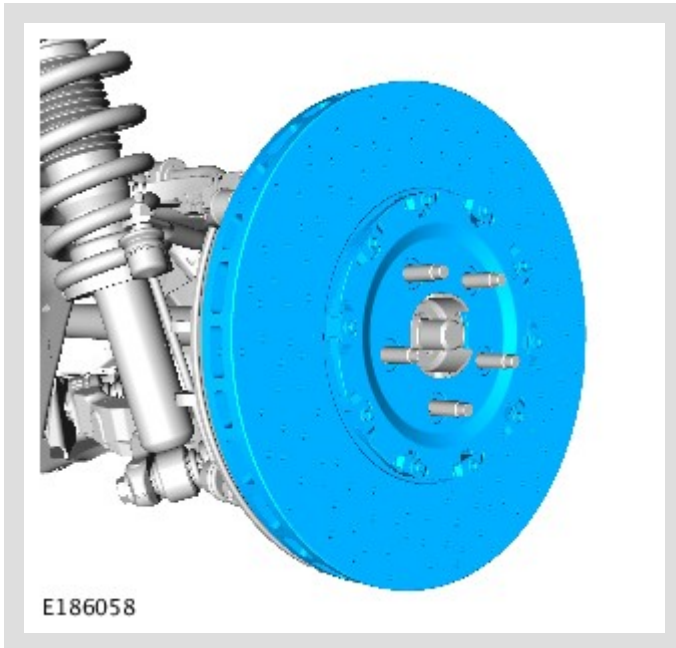
Torque:

Stage 1: **30 Nm**

Stage 2: **60°**

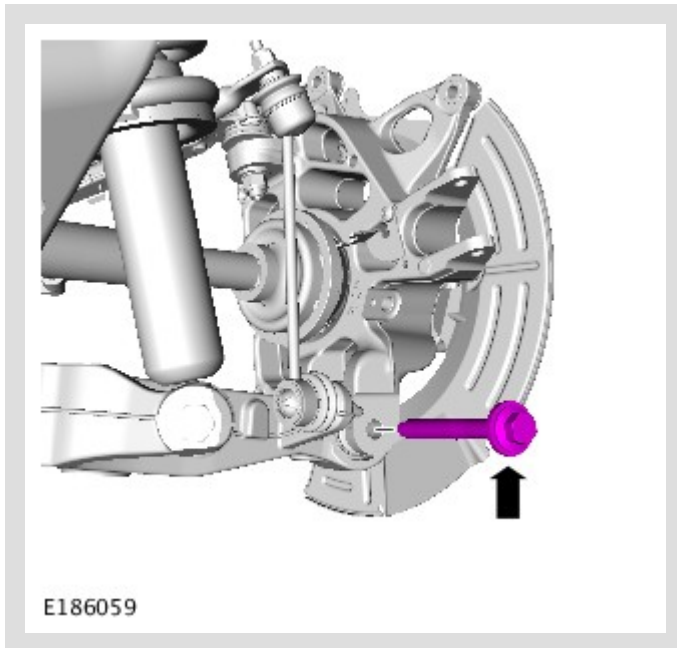
⚠ CAUTION:

The brake disc can be easily damaged. Do not drop the brake disc.



⚠ CAUTIONS:

- Discard the bolt.
- Bolt must be tightened with vehicle at normal ride height.

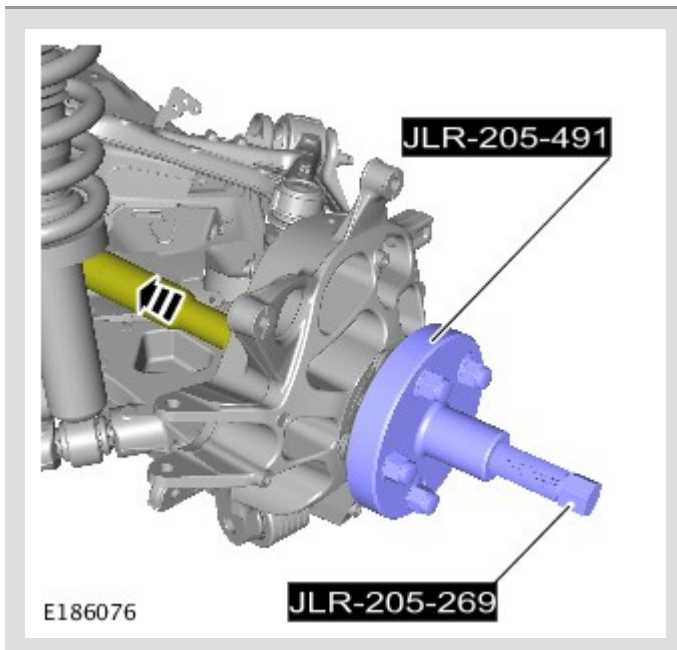


Renew Part: *Wheel knuckle bolt(s)* Quantity: 1 .

Torque:

Stage 1: **70 Nm**

Stage 2: **240°**



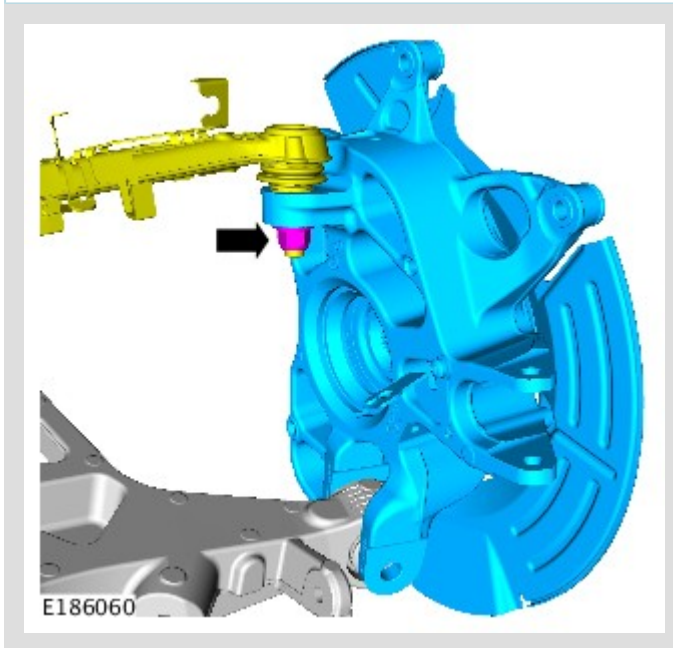
Using the special tools, remove the halfshaft.

⚠ CAUTION:

Discard the nut.

⚠ NOTE:

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

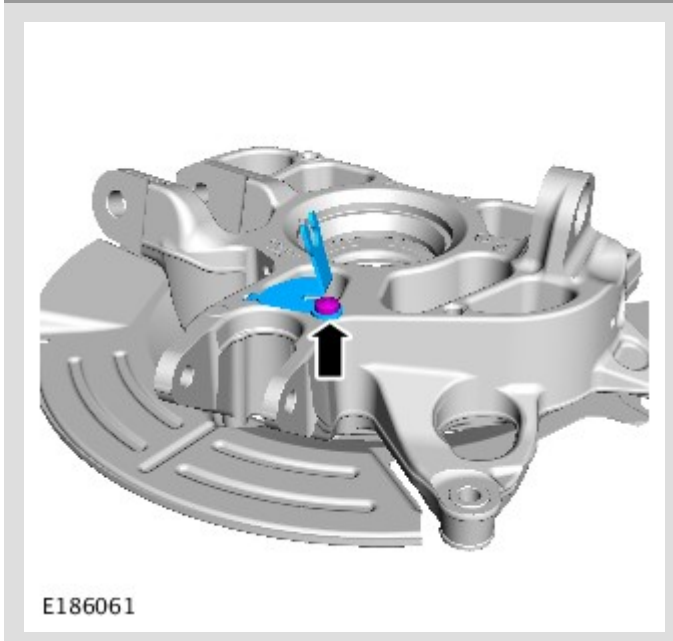


Renew Part: *Upper control arm nut(s)* Quantity: 1 .

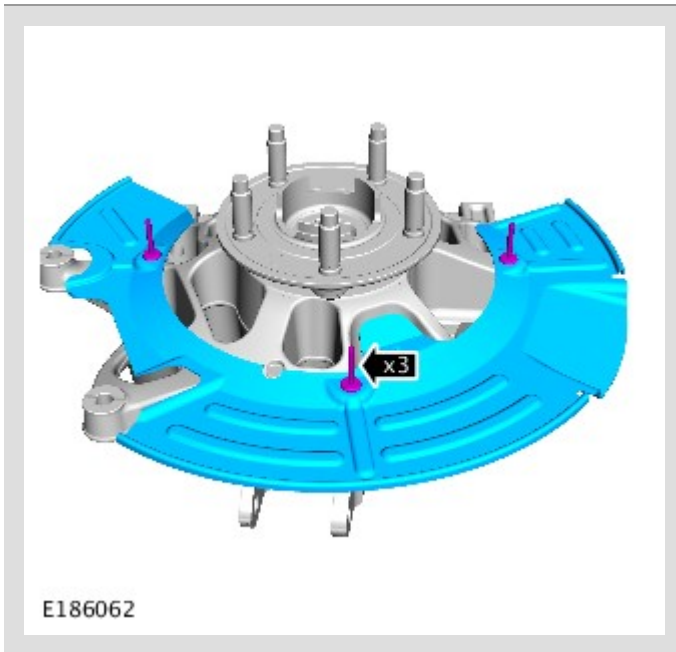
Torque:

Stage 1: **60 Nm**

Stage 2: **60°**



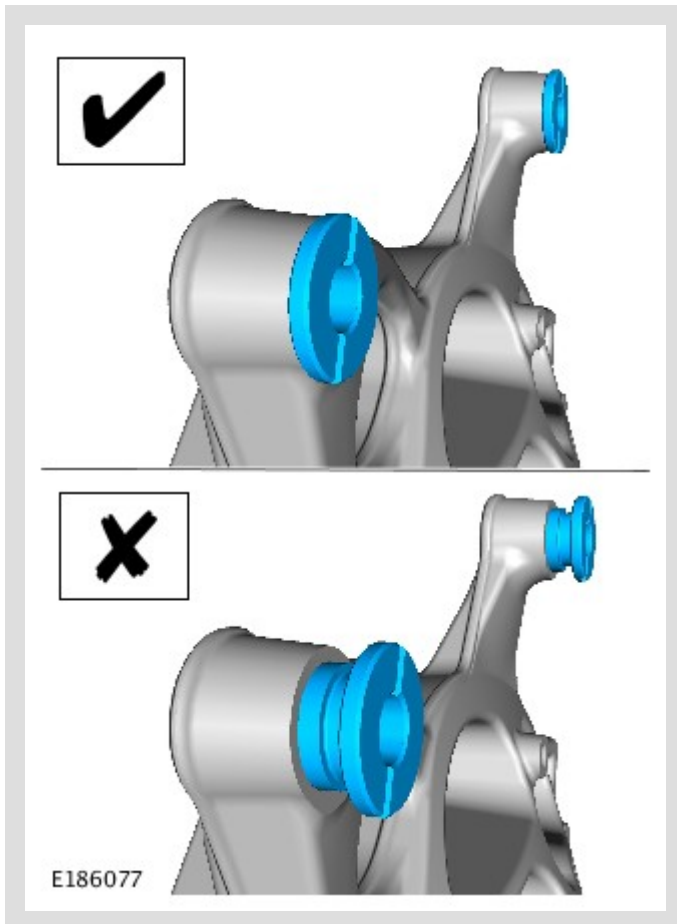
Torque: **10 Nm**



INSTALLATION

⚠ CAUTION:

The inserts are left hand thread.



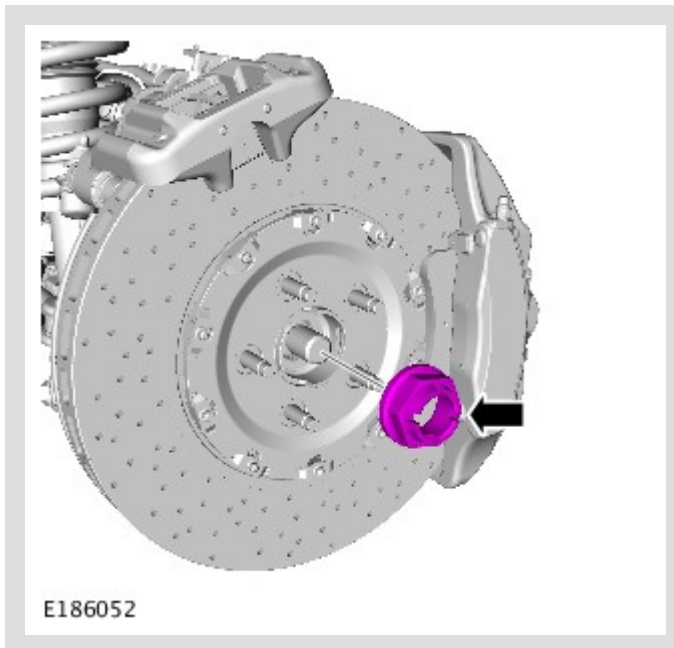
Make sure the parking brake caliper retaining inserts are fully installed.

Torque: 65 Nm

To install, reverse the removal procedure.

⚠ CAUTION:

Do not use air tools to install the driveshaft nut.

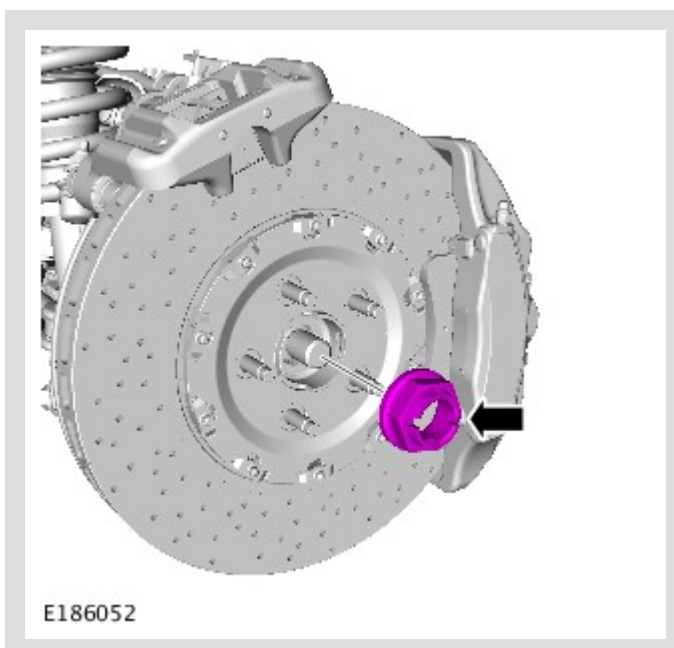


Use the original retaining nut to install the halfshaft into the hub.

Torque: 150 Nm

⚠ CAUTION:

Do not use air tools to remove the halfshaft nut.

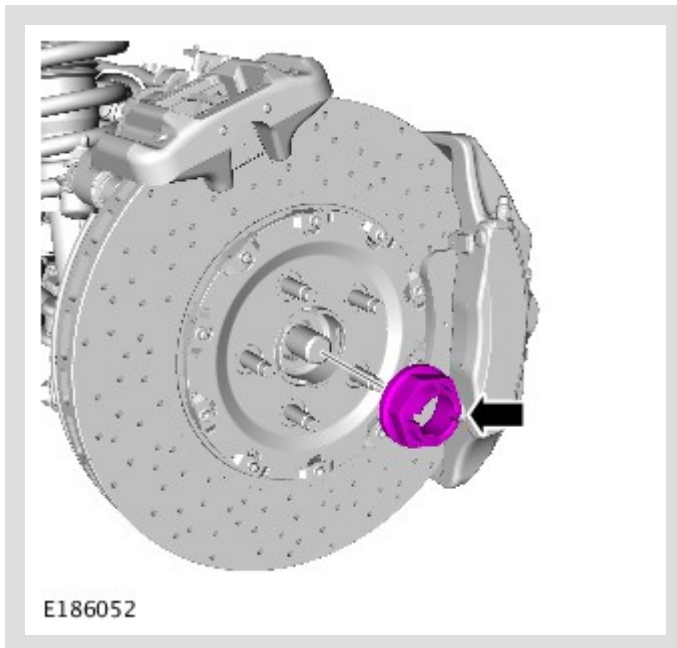


Remove and discard the halfshaft retaining nut.

Renew Part: [Rear halfshaft nut](#) Quantity: 1 .

⚠ CAUTION:

Do not use air tools to install the driveshaft nut.



Install a new halfshaft retaining nut.

Torque:

Stage 1: **80 Nm**

Stage 2: **60°**