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2020.0 DEFENDER (LE), 205-01

DRIVESHAFT

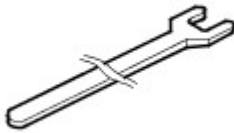
FRONT DRIVESHAFT (G2344669)

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REMOVAL AND INSTALLATION

SPECIAL TOOL(S)

303-114



E46076

303-1142

Viscous Coupling Wrench



E145952

JLR-205-993

Remover/Installer, Driveshaft Nut

PART(S)

STEP	PART NAME	QUANTITY
Installation Step 4	Driveshaft to front output flange bolts	6

REMOVAL

NOTE:

- This procedure contains illustrations showing certain components removed to provide extra clarity.
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.

1.



Release the Emergency Park Release (EPR) lever.

2. Raise and support the vehicle on a suitable 2 post lift.

Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

3. Remove the engine undershield.

Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

4. Remove the transmission support crossmember.

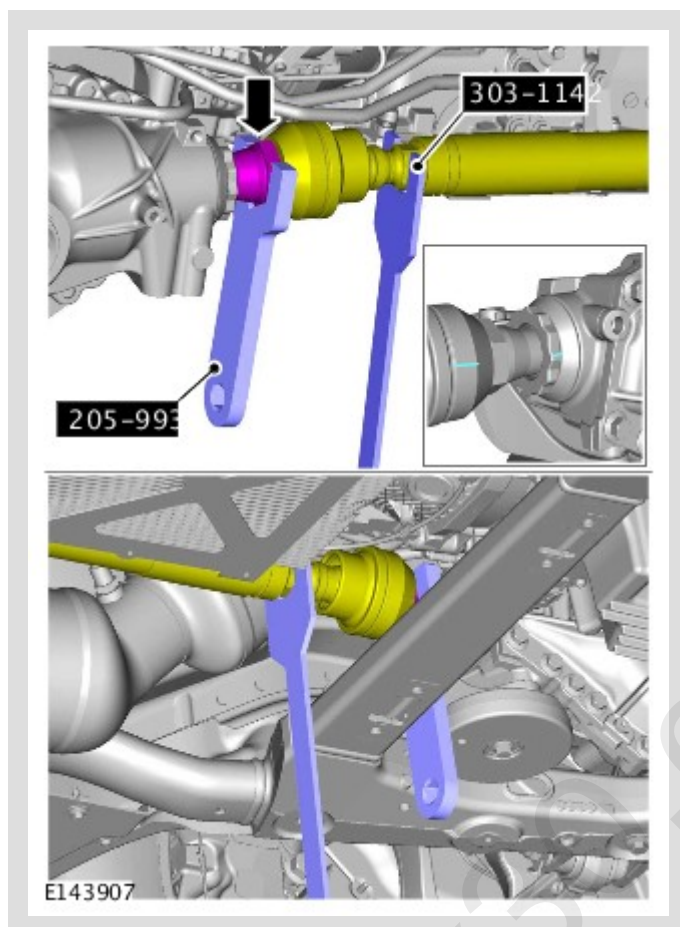
Refer to: [Transmission Cross Member - INGENIUM I4 2.0L Diesel](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

Refer to: [Transmission Cross Member - INGENIUM I4 2.0L Petrol](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

Refer to: [Transmission Cross Member - INGENIUM I6 3.0L Petrol](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

⚠ WARNING:

This step requires the aid of another technician.

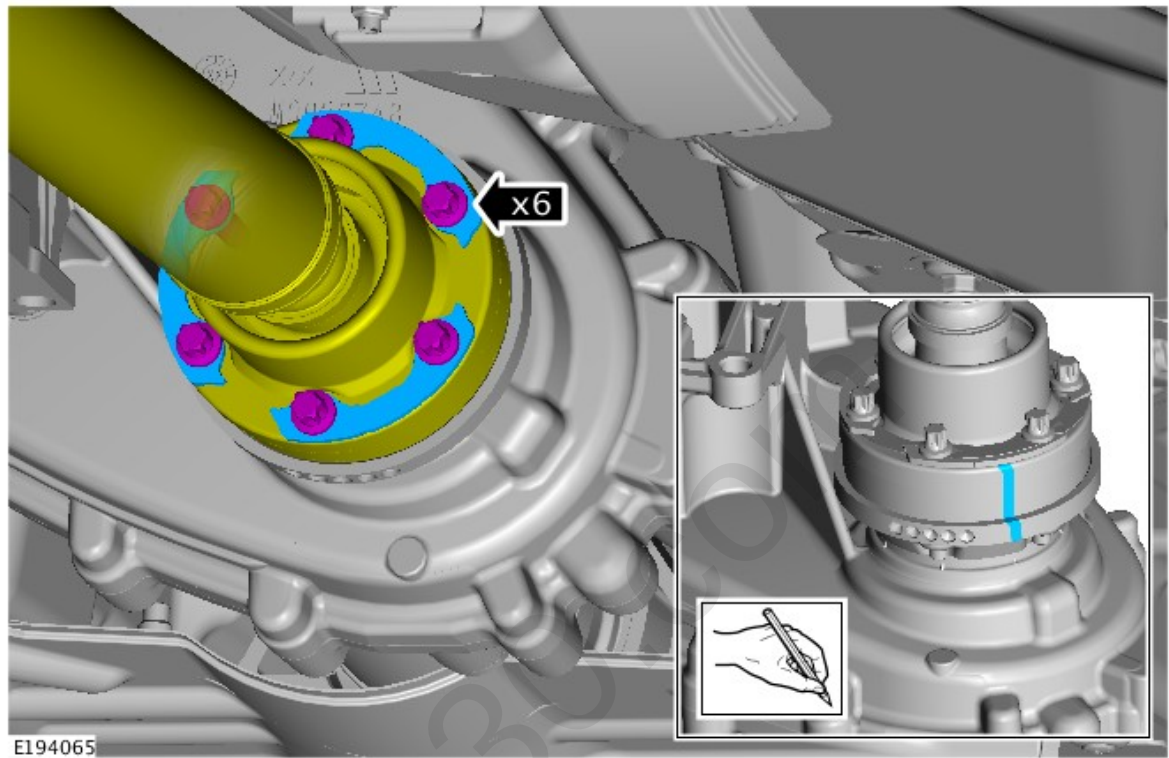


Use the special tools to release the front driveshaft nut.

Special Tool(s): [303-1142](#), [JLR-205-993](#)

ⓘ CAUTION:

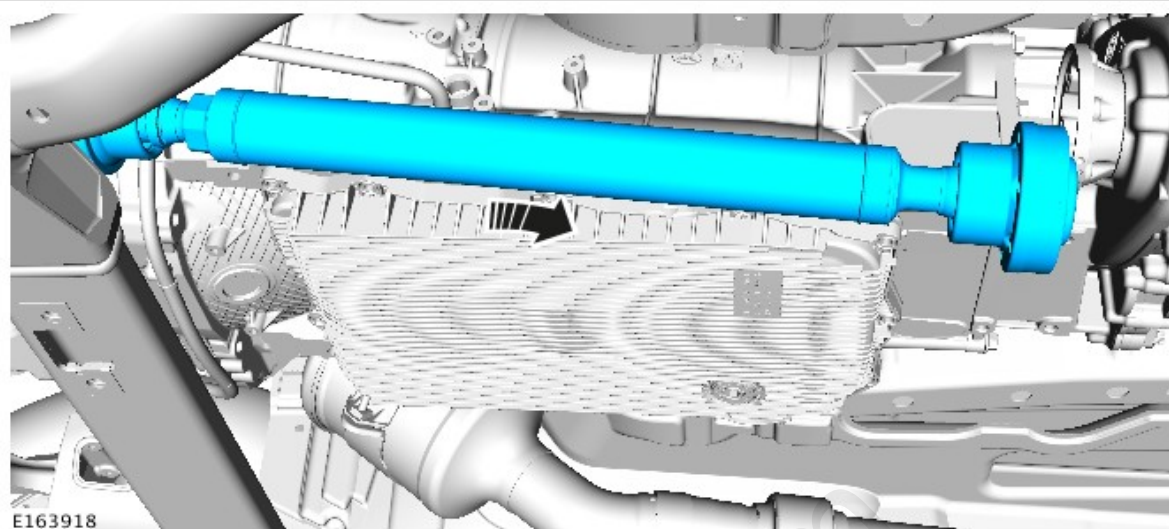
- To avoid damage to the joint or gaiter, do not allow the driveshaft to hang.
- If original driveshaft is to be installed, mark the position of the driveshaft flange in relation to the drive pinion flange.



- Remove and discard the 6 bolts.
- Remove the 3 washers.

**WARNING:**

This step requires the aid of another technician.



Remove the front driveshaft.

INSTALLATION

1.



WARNING:

This step requires the aid of another technician.

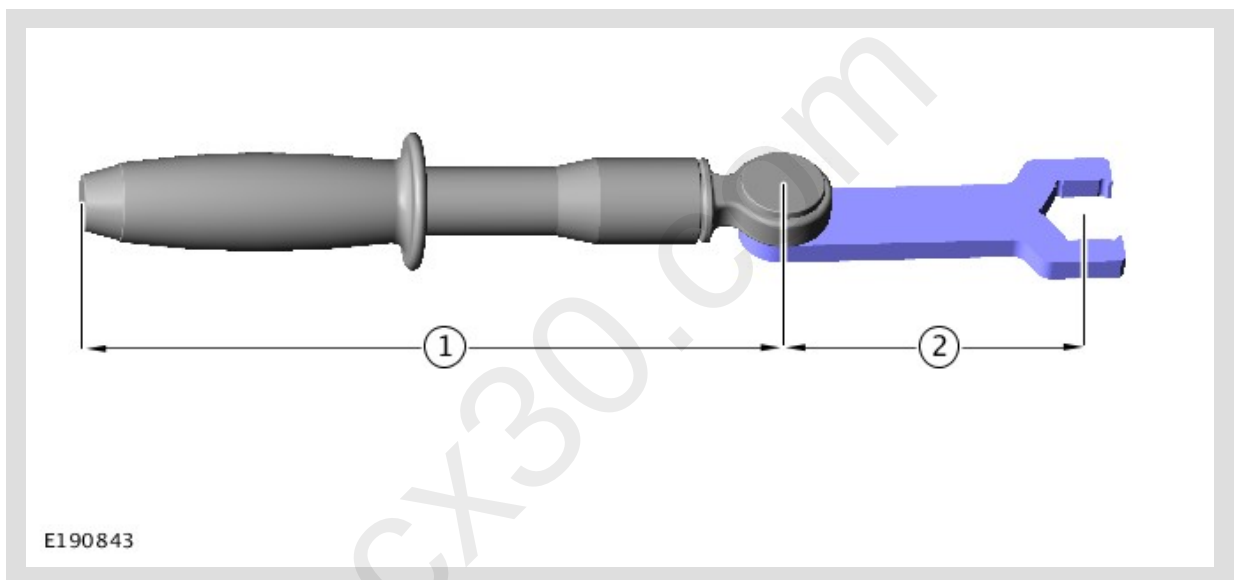
Install the front driveshaft.

2.



CAUTION:

Make sure the torque wrench setting procedure is followed correctly. Failure to follow this instruction may result in damage to the vehicle.



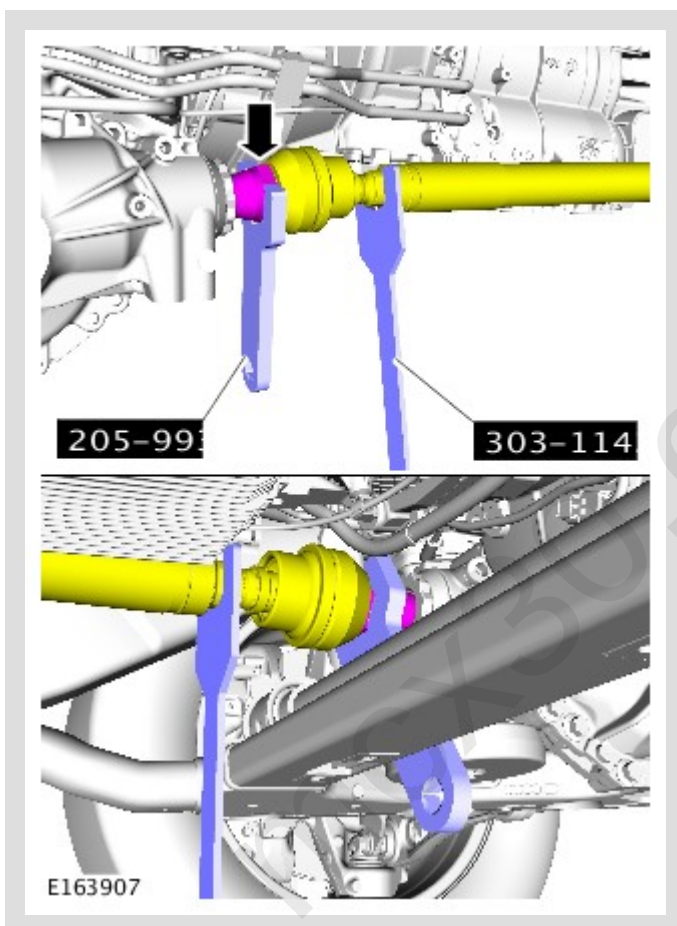
- Stage 1: Multiply the required torque by the effective length of the torque wrench (1).
- Stage 2: Add the effective length of the special tool (2) to the effective length of the torque wrench.
- Stage 3: Divide the total of stage 1 by the total of stage 2.
- Stage 4: Set the torque wrench to the figure arrived at in stage 3.
- Calculate the setting for the torque wrench.

⚠ WARNING:

This step requires the aid of another technician.

⚠ CAUTION:

- Make sure the torque wrench setting procedure is followed correctly. Failure to follow this instruction may result in damage to the vehicle.
- To avoid damage to the joint or gaiter, do not allow the driveshaft to hang.



- Use the special tools to tighten the front driveshaft nut.

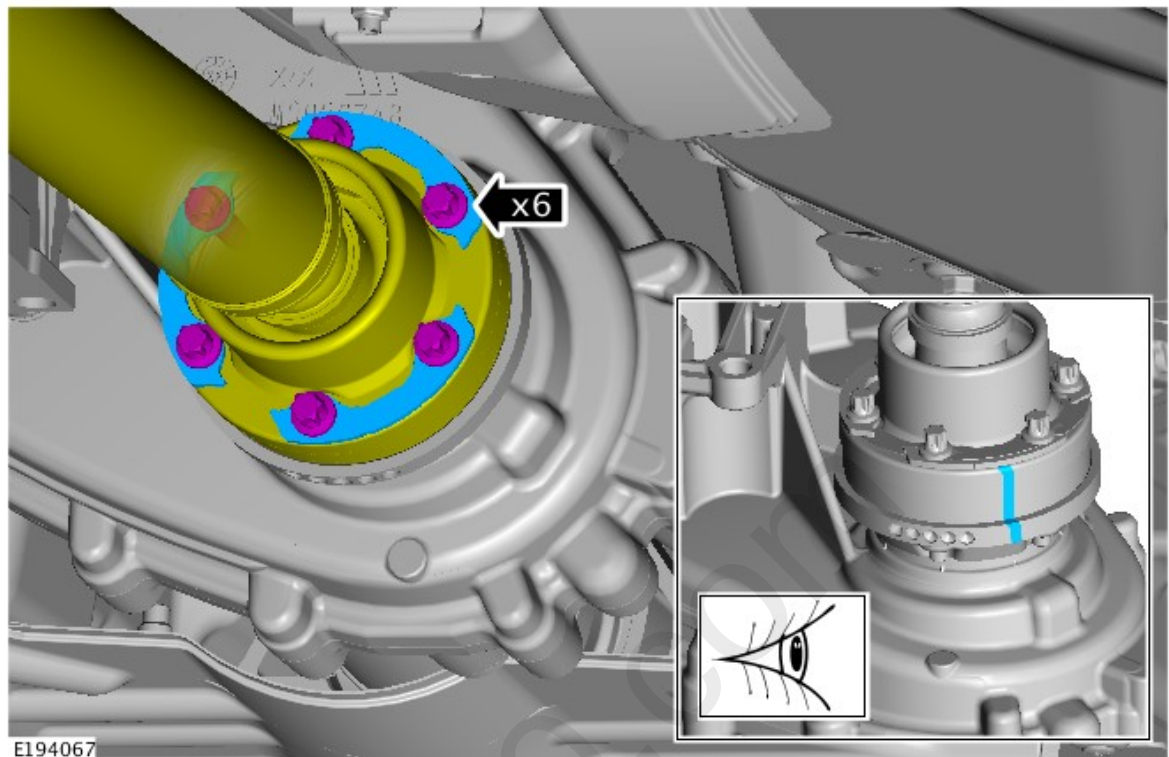
Special Tool(s): [303-1142](#), [JLR-205-993](#)

Torque: **150Nm**

4.

CAUTION:

- If original driveshaft installed, make sure to align with noted position in removal steps.



- Install the 3 washers.
- Install and tighten the 6 new bolts.

Renew Part: [Driveshaft to front output flange bolts](#) Quantity: 6.

Torque

Stage 1: **45Nm**

Stage 2: **90°**

5. Install the transmission support crossmember.

Refer to: [Transmission Cross Member - INGENIUM I4 2.0L Diesel](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

Refer to: [Transmission Cross Member - INGENIUM I4 2.0L Petrol](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

Refer to: [Transmission Cross Member - INGENIUM I6 3.0L Petrol](#) (502-02 Full Frame and Body Mounting, Removal and Installation).

6. Install the engine undershield.

Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

7. Reset the Emergency Park Release (EPR) cable.

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