

PUBLISHED: 14-MAY-2020
2020.0 DEFENDER (LE), 502-02

FULL FRAME AND BODY MOUNTING

TRANSMISSION CROSS MEMBER – INGENIUM I6 3.0 L PETROL (G2422288)

mcx30.com

GENERAL EQUIPMENT

EQUIPMENT NAME
Transmission jack

REMOVAL

**WARNING:**

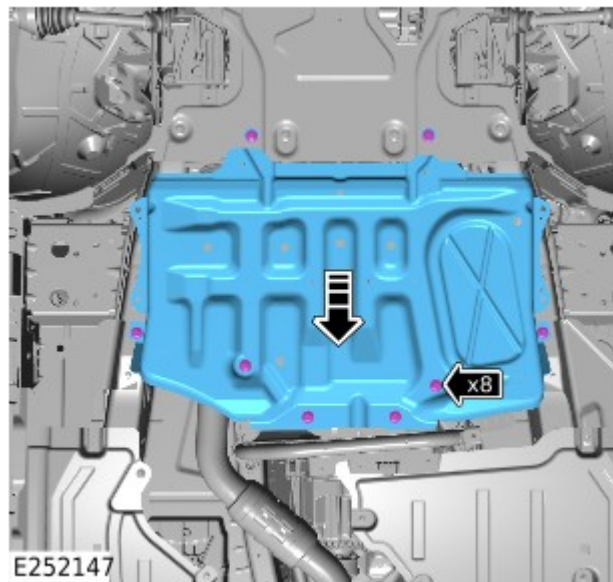
Observe due care when working near a hot exhaust system.

**NOTE:**

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

1. Raise and support the vehicle on a suitable 2 post lift.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. Remove the engine undershield.
Refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).
3. Remove the left undershield.
Refer to: [Left Undershield](#) (501-02 Front End Body Panels, Removal and Installation).

4.



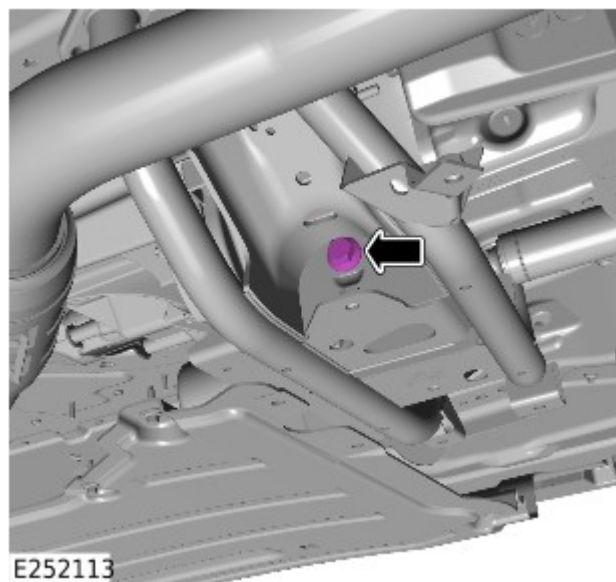
- Remove the 8 bolts.
- Remove the Noise, Vibration and Harshness (NVH) cover.

5.



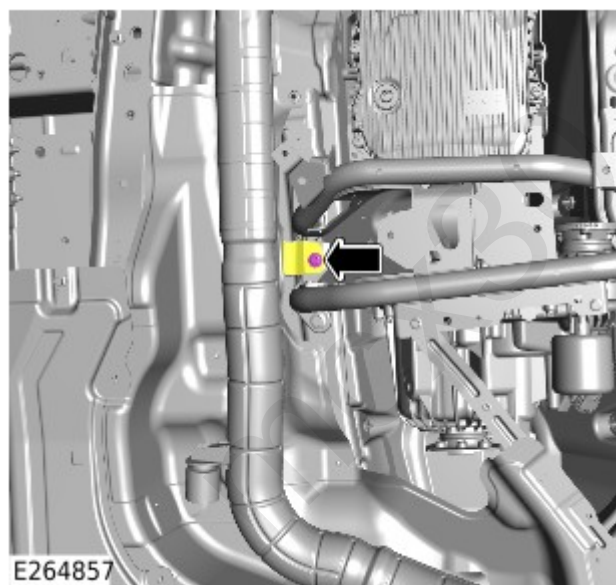
- Position the transmission jack below the transmission.
 - Adjust the transmission jack to support the weight of the transmission.
- General Equipment:* [Transmission jack](#)

6.

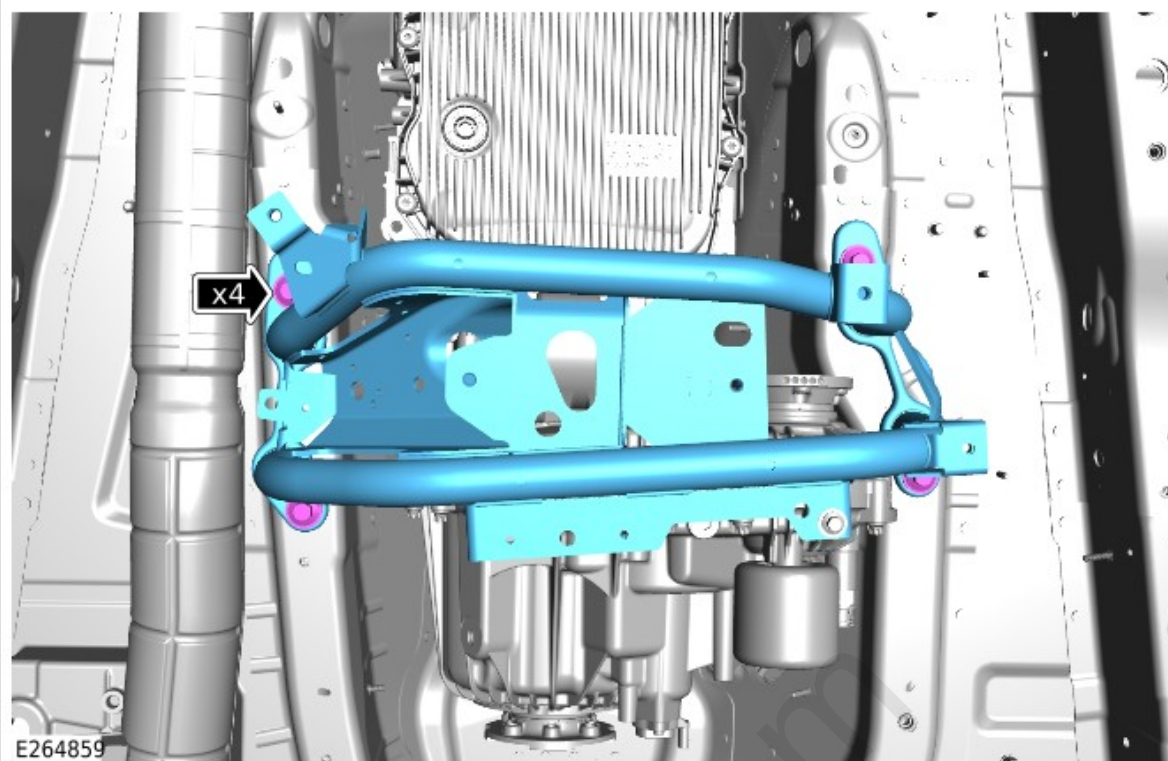


Remove the transmission mounting bolt.

7.



- Remove the bolt.
- Reposition the heatshield away from the transmission cross member.



- Remove the 4 bolts.
- Remove the transmission cross member.

INSTALLATION

1.

- Install the transmission cross member.
- Install and tighten the 4 bolts.

Torque: 110Nm

2.

- Reposition the heatshield into the correct location.
- Install and tighten the bolt.

Torque: 10Nm

3.

- Install and tighten the transmission mounting bolt.

Torque: 175Nm

4.

- Lower the transmission jack away from transmission.
- Reposition the transmission jack away from the vehicle.

General Equipment: [Transmission jack](#)

5.

- Install the NVH cover.
- Install and tighten the 8 bolts.

Torque: 10Nm

6.

Install the left undershield.

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

7.

Install the engine undershield.

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