

PUBLISHED: 14-APR-2020
2020.0 DEFENDER (LE), 303-01C

ENGINE – INGENIUM I6 3.0L PETROL

RIGHT ENGINE MOUNT [G2344510]

REMOVAL AND INSTALLATION

12.45.12

MOUNTING –
RH – RENEW

2000 CC,
INGENIUM
DIESEL

1.00

USED WITHINS

GENERAL EQUIPMENT

EQUIPMENT NAME
Hydraulic floor jacks (2 tonnes minimum capacity)
Wooden Block

PART(S)

STEP	PART NAME	QUALIFICATION	QUANTITY
Step 4	Engine mount to engine mount bracket nut	All vehicles	1
Step 7	Steering column lower shaft lower bolt	Right-hand drive vehicles	1

REMOVAL



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.

The following step(s) applies to:

All vehicles

1. Disconnect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

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 front wheel arch liner.

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

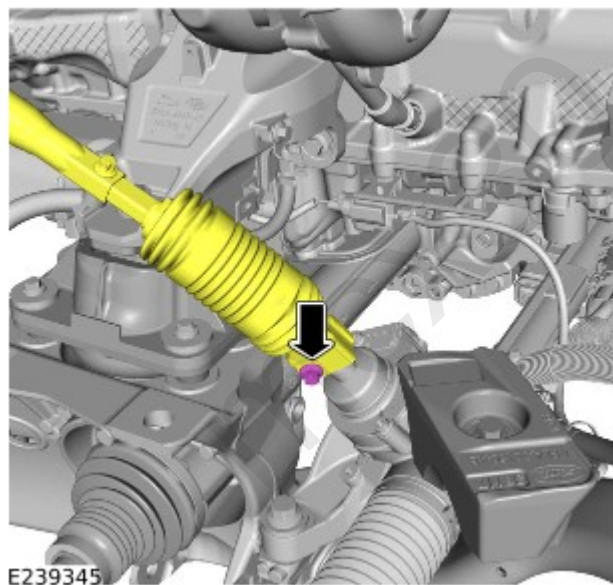
4. Remove the engine undershield.

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

The following step(s) applies to:

Right-hand drive vehicles

- 5.

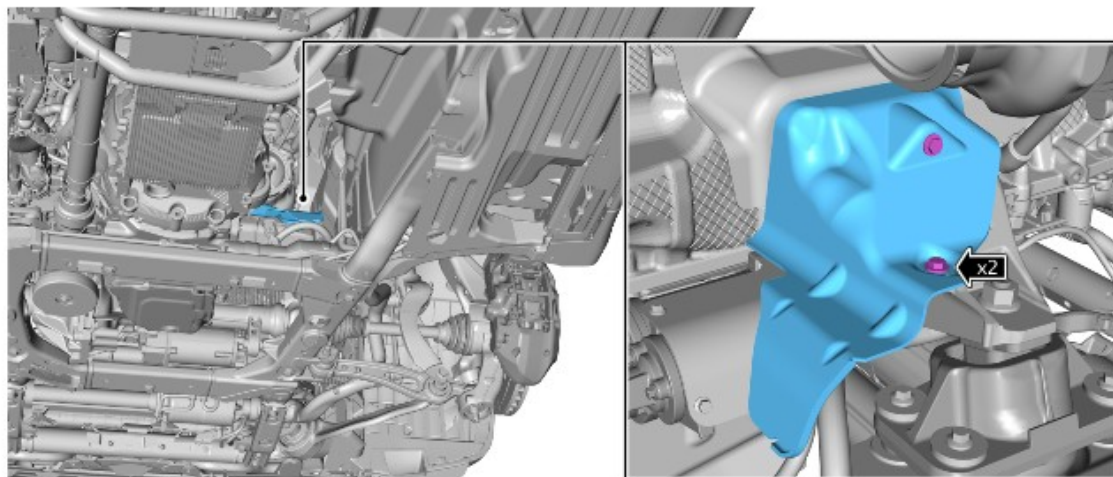


- Remove and discard the bolt.
- Reposition the steering column shaft.

The following step(s) applies to:

All vehicles

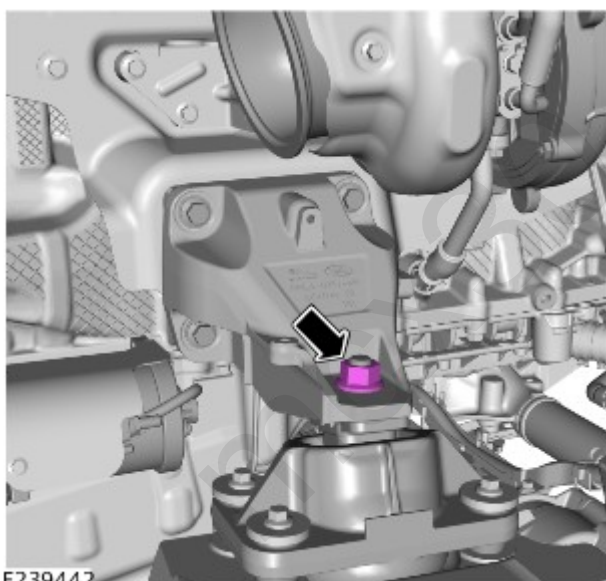
6.



E239344

- Remove the 2 bolts.
- Remove the engine mount heatshield.

7.

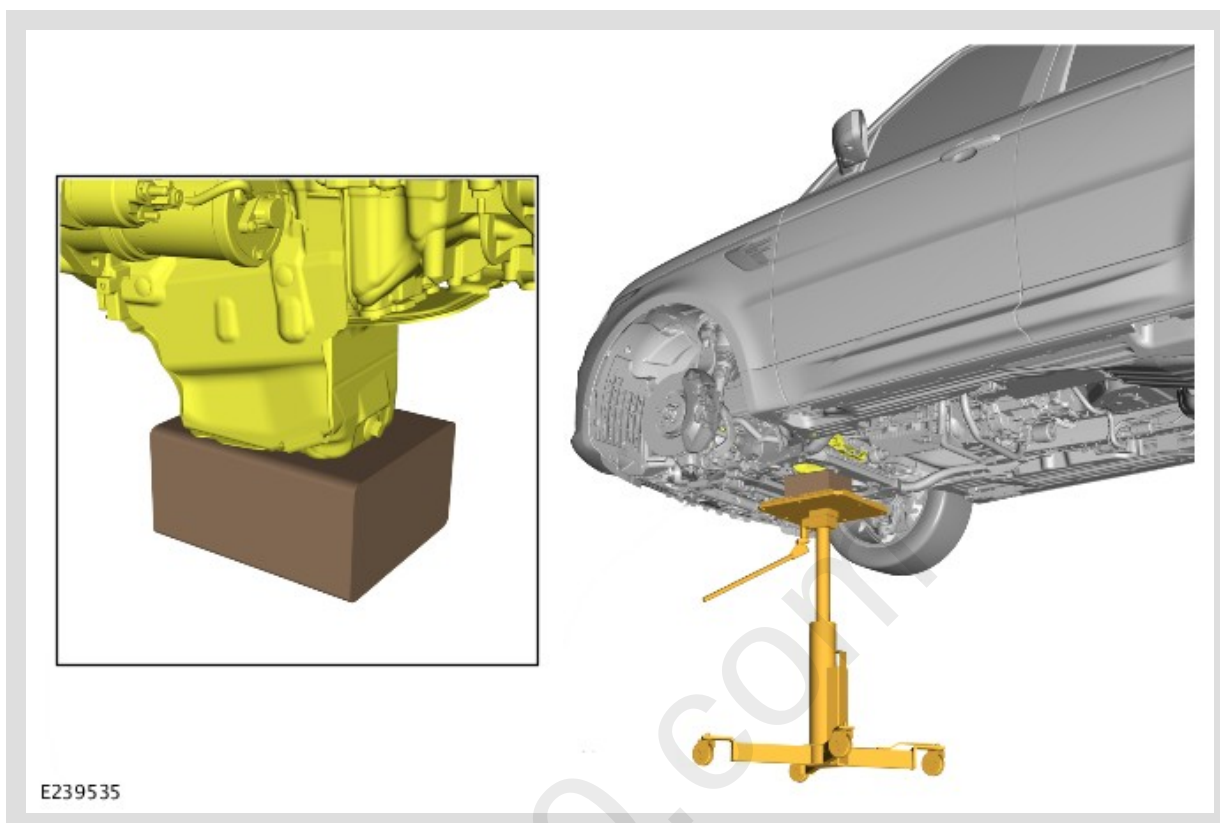


E239442

Remove and discard the engine mount to engine bracket nut.

⚠ CAUTION:

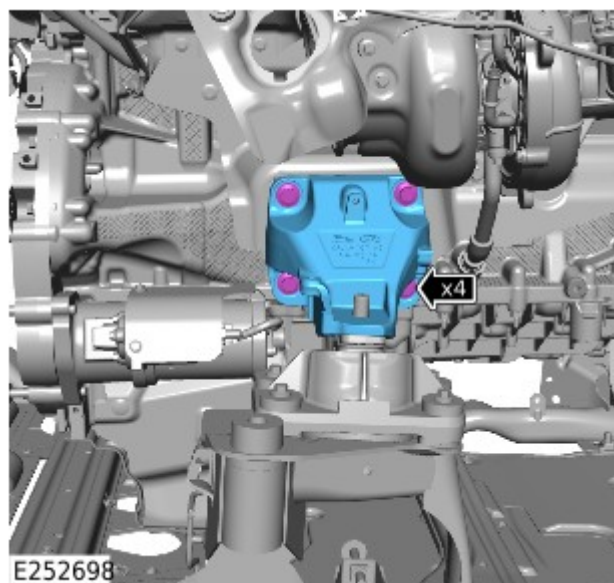
Care must be taken to avoid damaging the surrounding components.



- Position the hydraulic floor jack and wooden block below the engine.
 - Adjust the trolley jack to support the weight of the engine.
- General Equipment:* [Hydraulic floor jacks \(2 tonnes minimum capacity\)](#)
General Equipment: [Wooden Block](#)

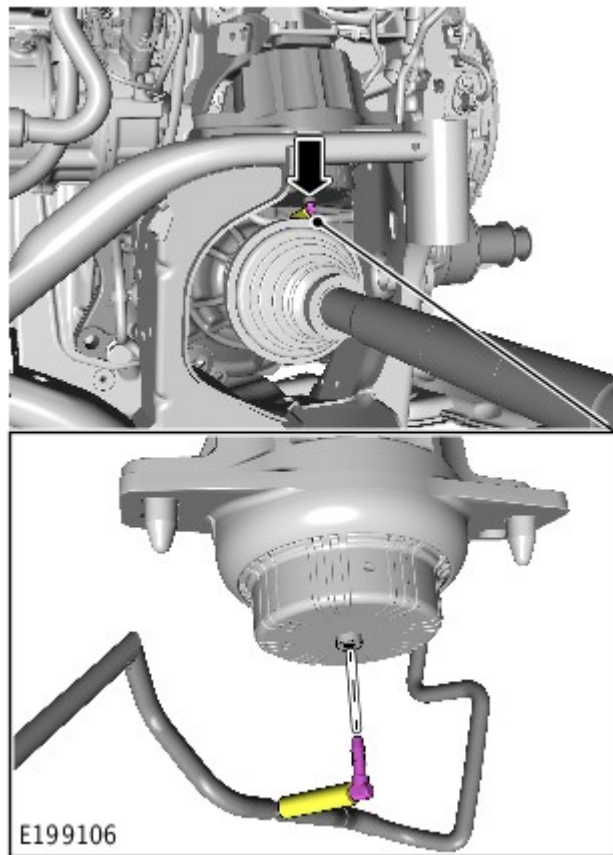
⚠ WARNING:

Observe due care when working near a hot exhaust system.



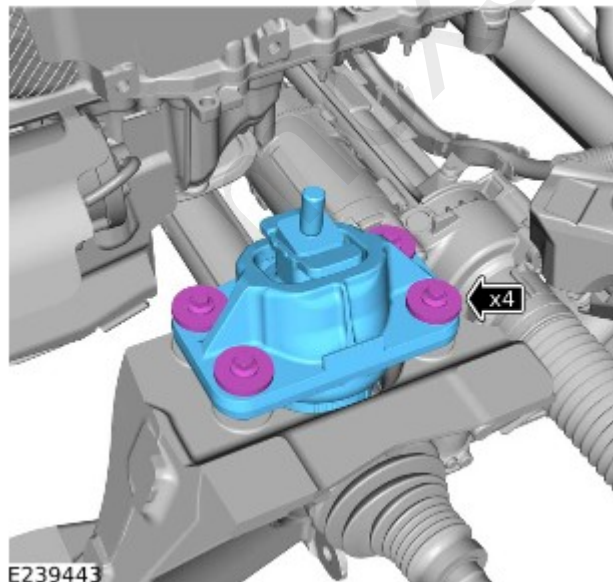
- Remove the 4 bolts.
- Remove the engine mount bracket.

10.



Disconnect the vacuum pipe from the engine mount.

11.



- Remove the 4 engine mount bolts.
- Remove the engine mount.

INSTALLATION

The following step(s) applies to:

All vehicles

1.

- Install the engine mount.
- Install and tighten the 4 engine mount bolts.

Torque: 32Nm

2.

- Install the engine mount bracket.
- Install and tighten the 4 engine mount bracket bolts.

Torque: 60Nm

3.

Connect the vacuum pipe to the engine mount.

4.

- Install and tighten the new engine mount to engine mount bracket nut.

Renew Part: [Engine mount to engine mount bracket nut](#) Quantity: 1.

Torque: 110Nm

5.

Remove the hydraulic floor jack and wooden block away from the engine.

General Equipment: [Hydraulic floor jacks \(2 tonnes minimum capacity\)](#)

General Equipment: [Wooden Block](#)

6.

- Install the engine mount heatshield.
- Install and tighten the 2 bolts.

Torque: 9Nm

The following step(s) applies to:

Right-hand drive vehicles

7.

- Reposition the steering column shaft.
- Install and tighten a new steering column lower shaft lower bolt.

Renew Part: [Steering column lower shaft lower bolt](#) Quantity: 1.

Torque: 30Nm

The following step(s) applies to:

All vehicles

-
8. Install the engine undershield.

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

-
9. Install the front wheel arch liner.

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

-
10. Connect the startup battery ground cable.

Refer to: [Startup Battery Disconnect and Connect](#) (414-00 Battery and Charging System - General Information, General Procedures).

cmIjaGFyZG1vbnRvbjsyMDIwLTA5LTE1VDEyOjUxOjI2LjM5Mlo7OTAuMTk5LjEyMS4xMTc7U0FMRUE3QU40TDIwMDgwMzA=

mcx30.com