

Transmission Support Crossmember

Special Tool(s) / General Equipment

Transmission Jack

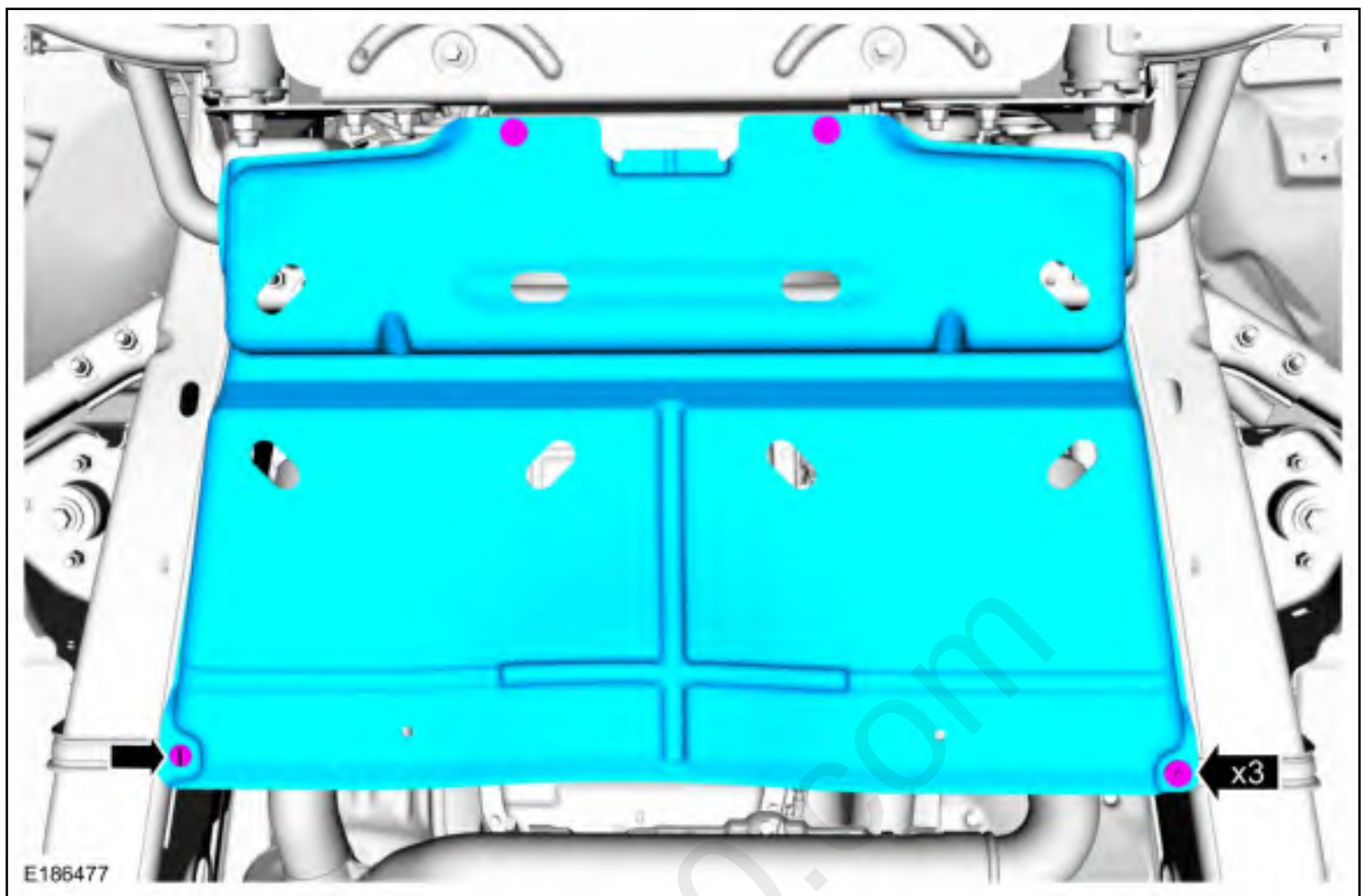
Removal

NOTE: Removal steps in this procedure may contain installation details.

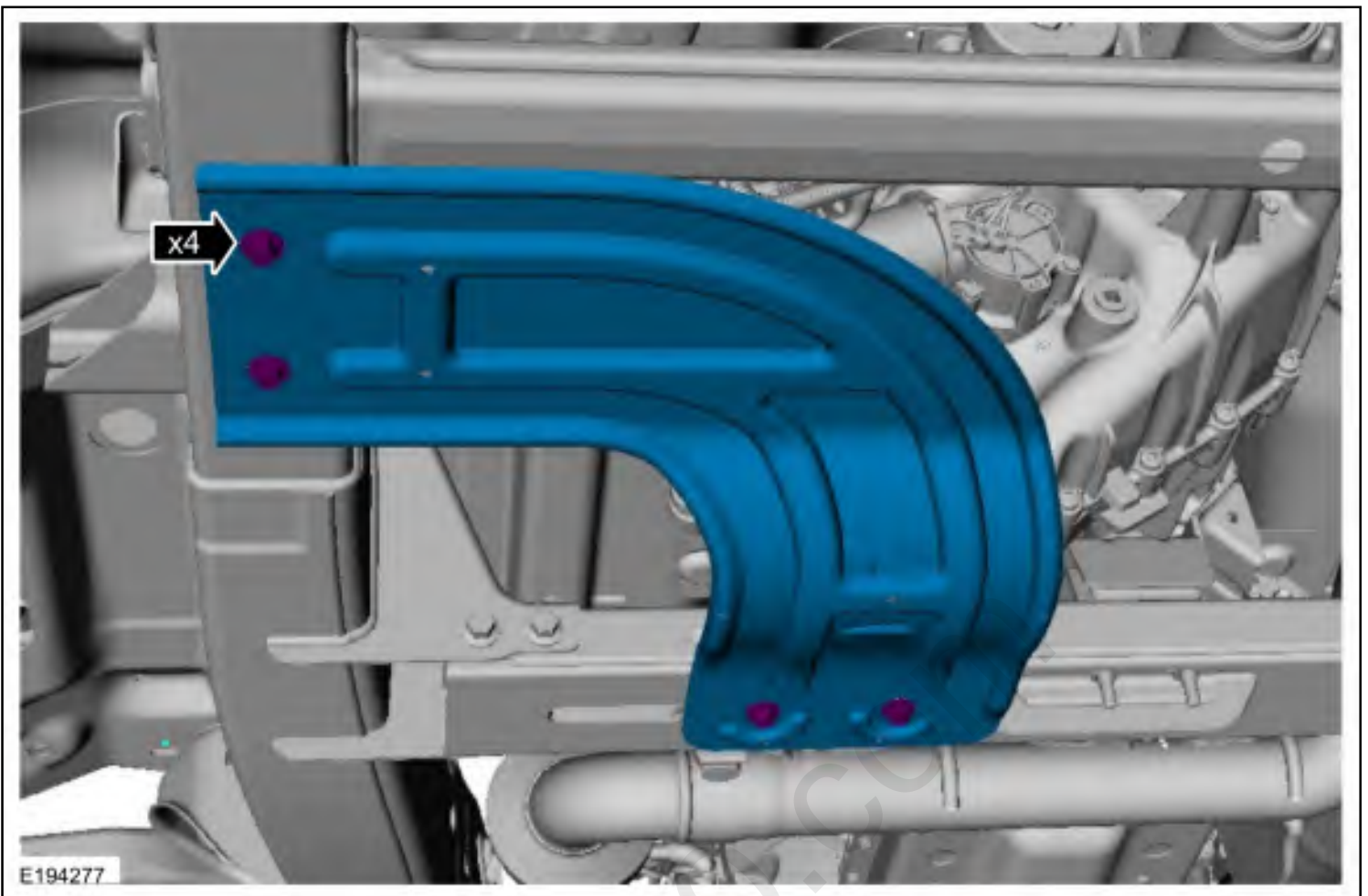
1. With the vehicle in NEUTRAL, position it on a hoist.

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

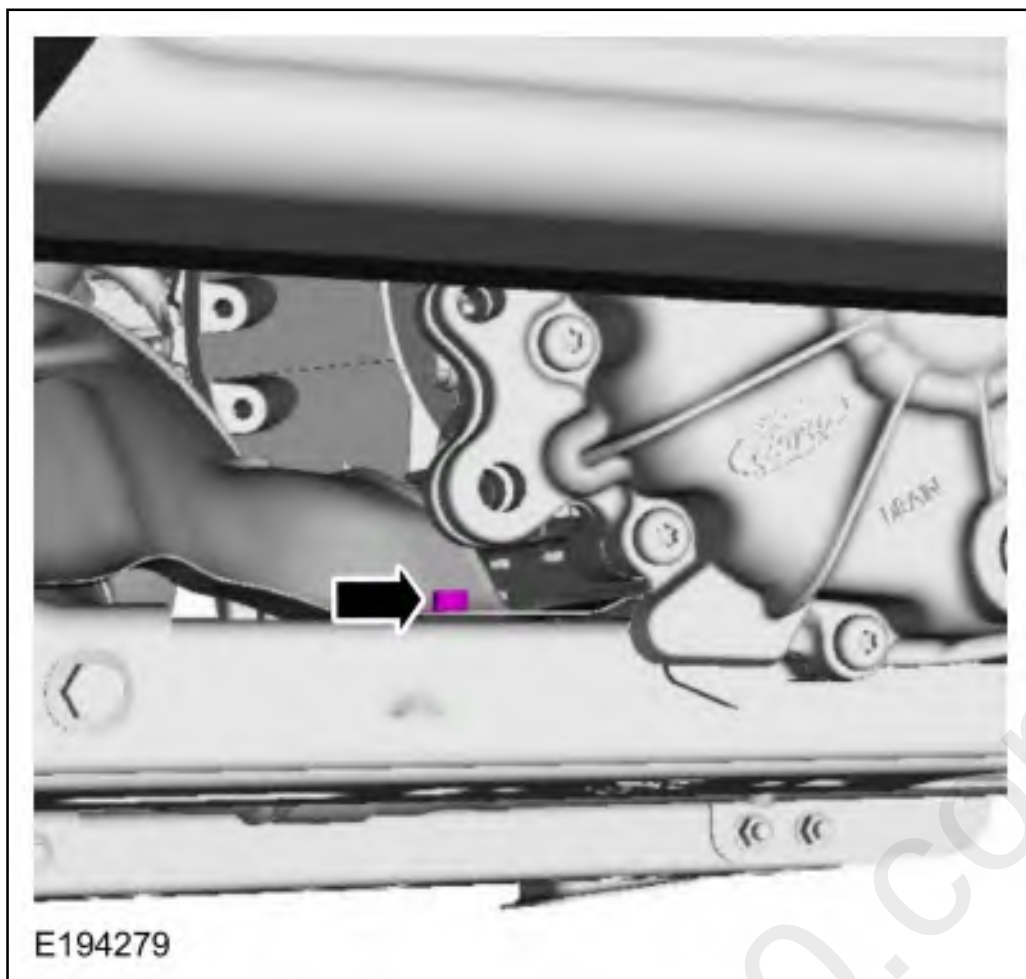
- If equipped, remove the bolts.
- Remove the retainers and remove the transmission housing cover.
Torque: 71 lb.in (8 Nm)



3. If equipped, remove the skid plate bolts and remove the skid plate.
Torque: 177 lb.in (20 Nm)



4. Remove the LH exhaust heat shield bolt from the transmission crossmember.
Torque: 177 lb.in (20 Nm)

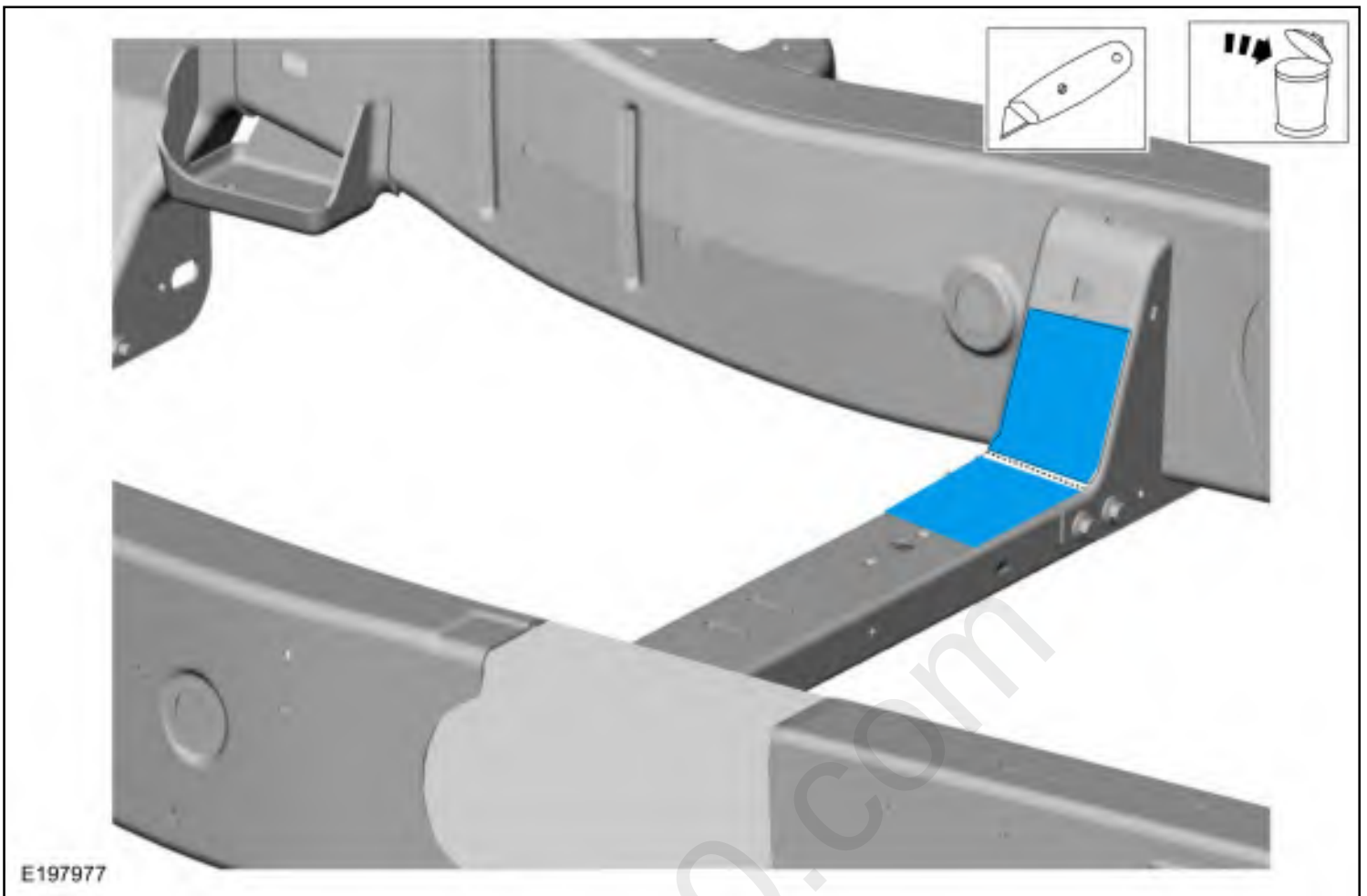


5. Remove the RH exhaust heat shield bolt from the transmission crossmember.
Torque: 177 lb.in (20 Nm)



6. **NOTE:** Clean the crossmember mounting area with an appropriate cleaner before installing the self-adhesive heat shield.

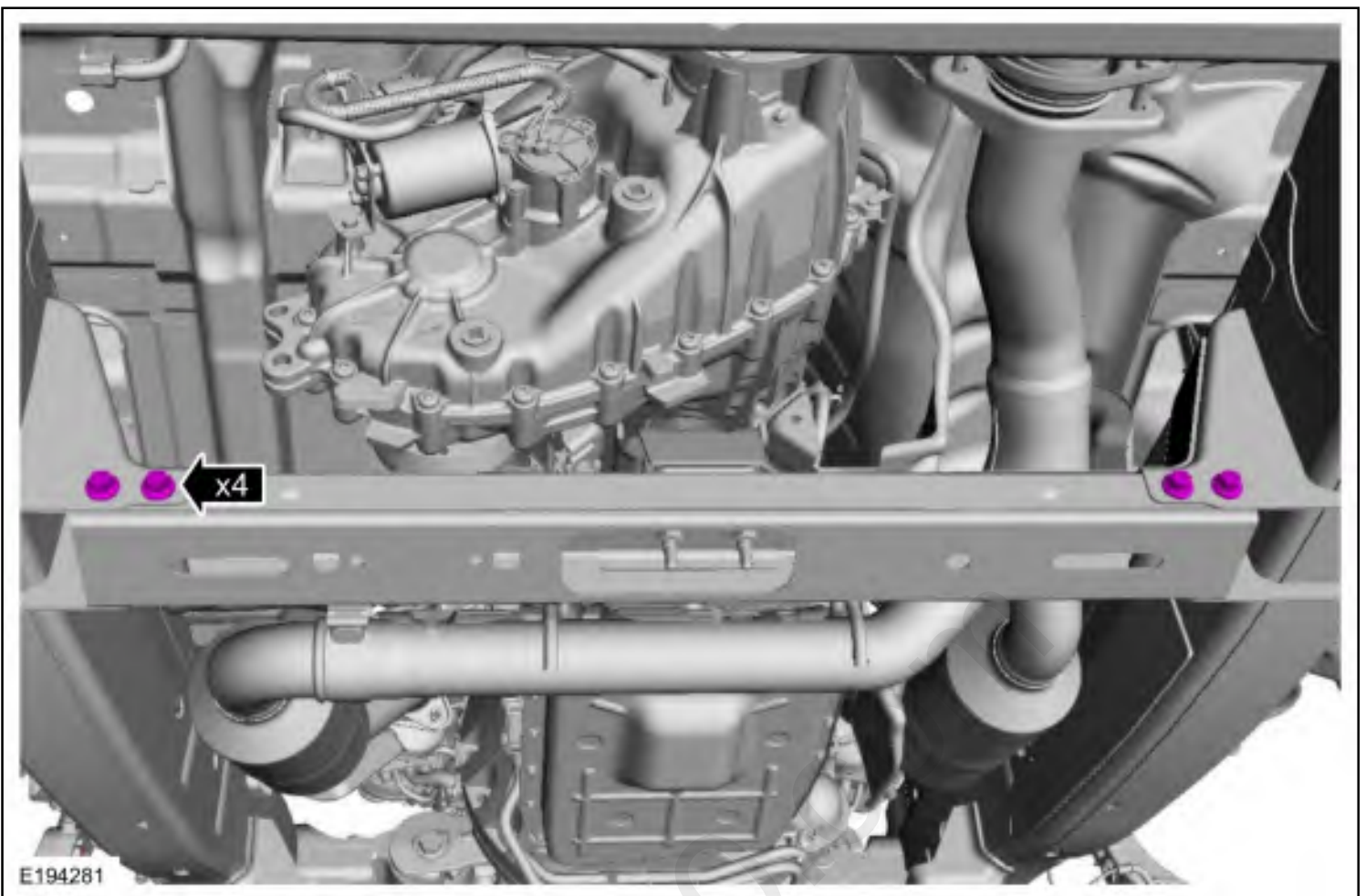
Remove and discard the self-adhesive heat shield material.



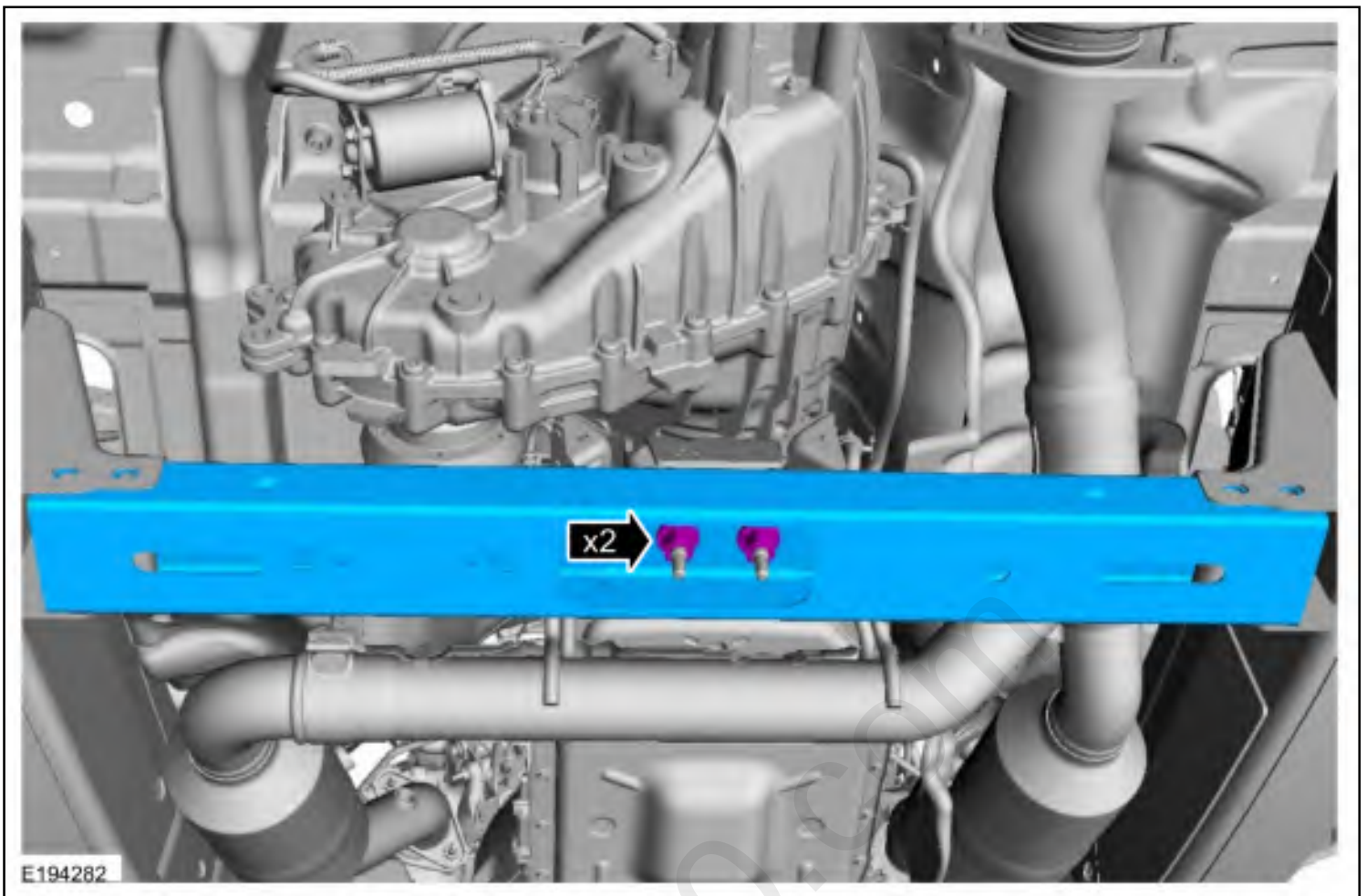
7. **NOTE:** Make sure the transmission jack makes contact on the outer ribs of the transmission fluid pan.

Using a high-lift transmission jack, support the front of the transmission.
Use the General Equipment: Transmission Jack

8. Remove and discard the transmission support crossmember nuts and bolts.
Torque: 76 lb.ft (103 Nm)



9. Remove the transmission mount nuts and the transmission support crossmember.
Torque: 85 lb.ft (115 Nm)



Installation

1. To install, reverse the removal procedure.

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