Muffler and Tailpipe

Materials

Name	Specification
Motorcraft® Threadlock and Sealer TA-25-B	-

Removal

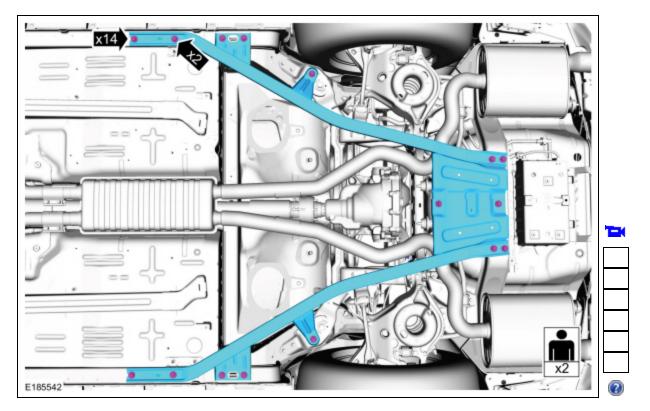
NOTE: Do not excessively bend, twist or allow the exhaust to hang from the flexible joint or damage to the exhaust system may occur.

NOTE: Do not use oil or grease-based lubricants on the isolators. They may cause deterioration of the rubber.

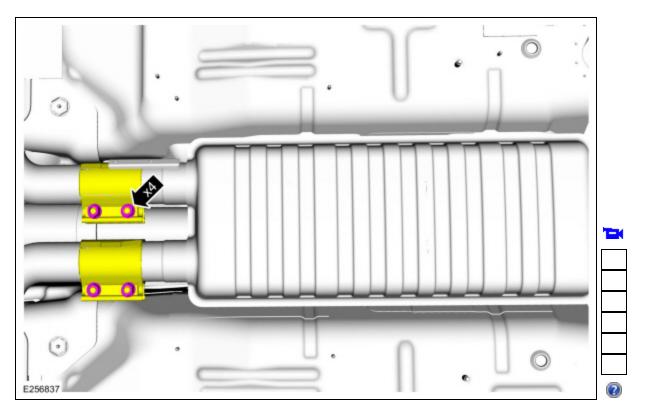
NOTE: Removal steps in this procedure may contain installation details.

NOTE: Clean all exhaust connections before reassembly.

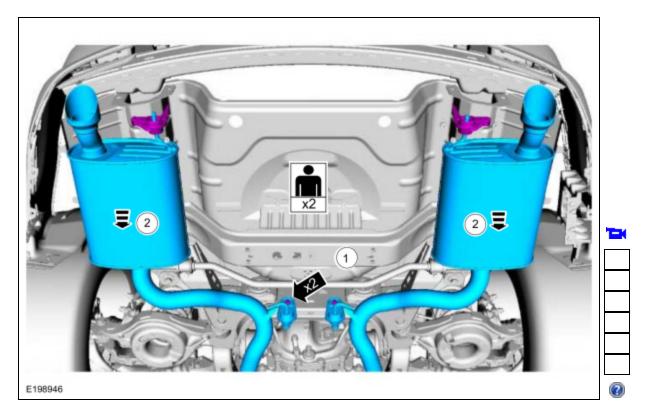
- 1. With the vehicle in NEUTRAL, position it on a hoist. Refer to: <u>Jacking and Lifting - Overview</u> (100-02 Jacking and Lifting, Description and Operation).
- 2. 1. Convertible top vehicles only, remove the retainers and the brace. *Torque*: 46 lb.ft (63 Nm)
 - 2. During assembly, clean the retainers and apply the thread lock. *Material*: Motorcraft® Threadlock and Sealer / TA-25-B



3. Loosen the clamps and separate the muffler and tailpipe from the catalytic converters.



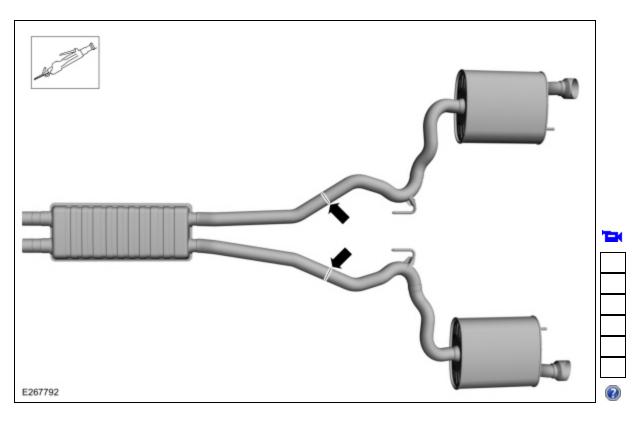
- 4. 1. Remove the <u>LH</u> and <u>RH</u> rear exhaust hanger isolator bracket bolts from the rear subframe. *Torque*: 18 lb.ft (25 Nm)
 - 2. Unhook the rear exhaust hanger isolators and remove the muffler and tailpipe.



5. A WARNING: Align the new muffler and tailpipe component with the old muffler and tailpipe assembly to accurately mark the location to cut. Failure to cut the muffler and tailpipe in the correct location can result in an NVH concern or replacement of the entire muffler and tailpipe assembly.

Partial replacement.

Cut the resonator from the muffler and tailpipe assembly where shown.

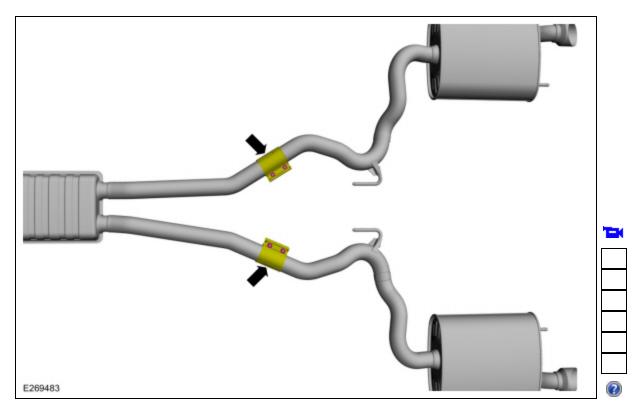


Installation

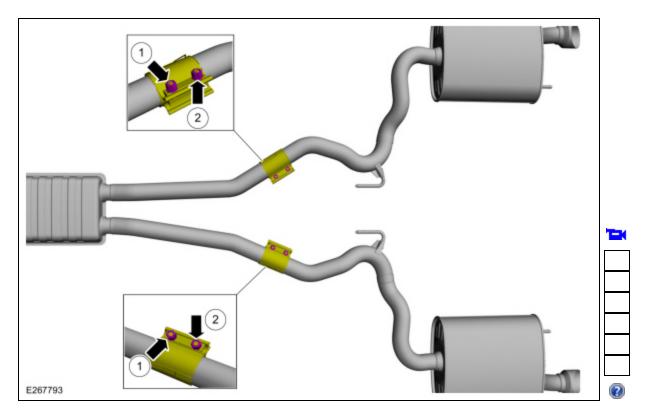
1. NOTE: Do not torque the clamps in this step. The clamps should be loose enough for adjustment of the tailpipe.

Partial replacement.

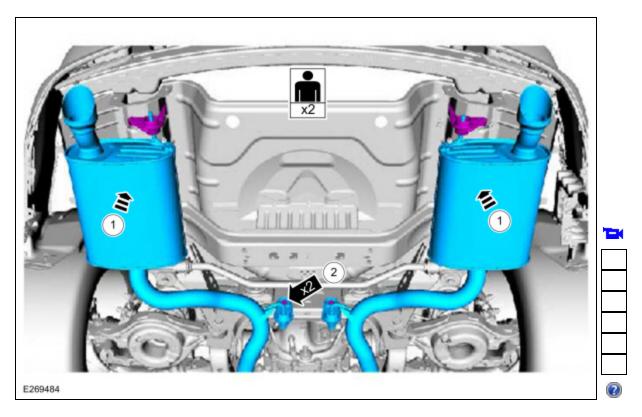
Install the clamps and assemble the front muffler to the rear muffler entry pipes and tighten the clamps enough the handle the muffler and tailpipe assembly for installation.



2. Tighten the clamps in the sequence shown. *Torque*: 35 lb.ft (48 Nm)

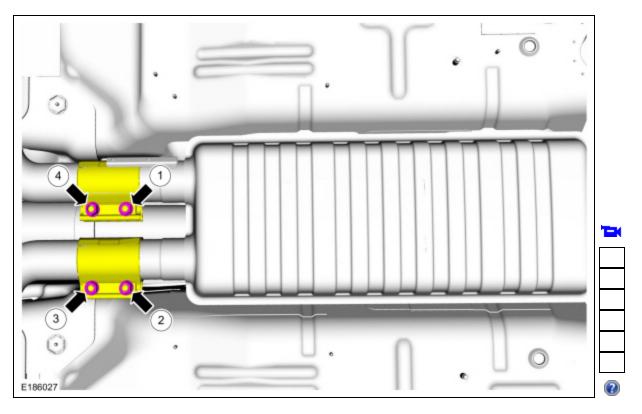


- 3. Install the rear exhaust hanger isolators and the muffler and tailpipe.
 - Install the LH and RH rear exhaust hanger isolator bracket bolts to the rear subframe. *Torque*: 18 lb.ft (25 Nm)

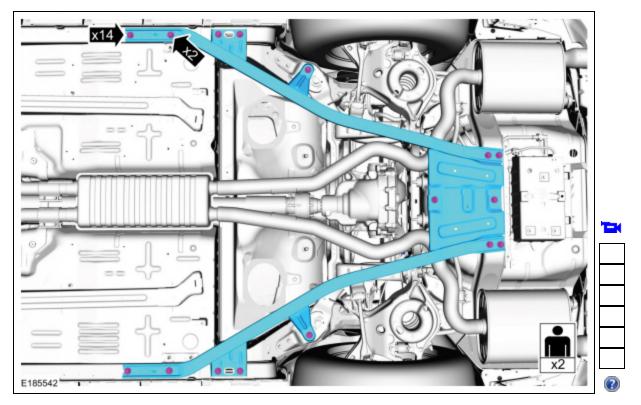


4. NOTE: Make sure the decorative tips are properly aligned with the openings in the rear bumper cover and adjust if needed.

Align the decorative tips and tighten the clamps in the sequence shown. *Torque*: 35 lb.ft (48 Nm)



- Clean the retainers and apply the thread lock. *Material*: Motorcraft® Threadlock and Sealer / TA-25-B
 Install the retainers and the brace.
 - *Torque*: 46 lb.ft (63 Nm)



6. Check the exhaust system for leaks.

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