

Catalytic Converter - Chassis Cab

Special Tool(s) / General Equipment

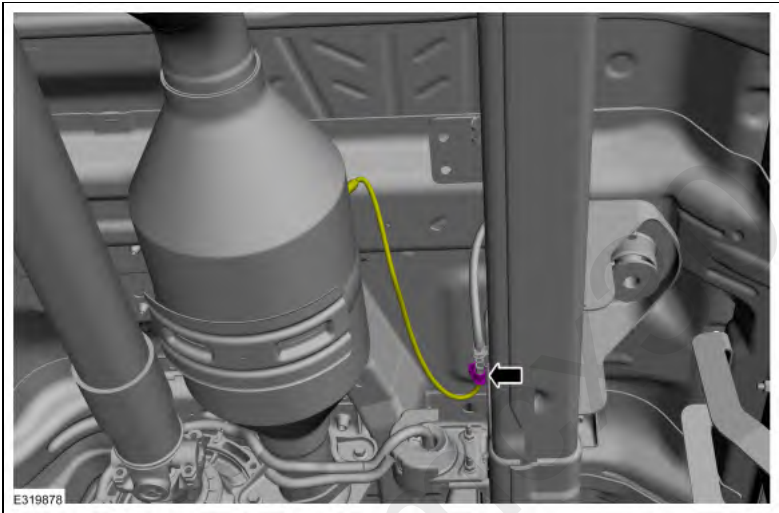
 E172696	303-476 (T94P-9472-A)
	Socket, Exhaust Gas Oxygen Sensor
	TKIT-1994-LM/M
	TKIT-1994-F TKIT-1994-FLM/FM

Materials

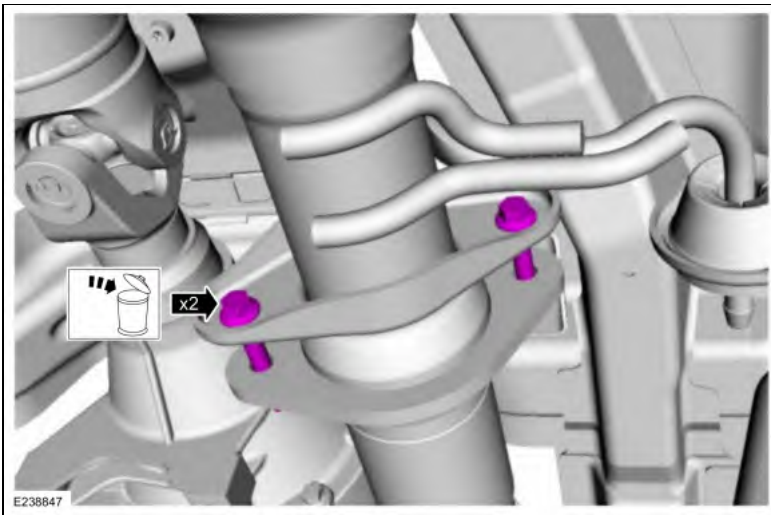
Name	Specification
Motorcraft® High Temperature Nickel Anti-Seize Lubricant XL-2	-
Motorcraft® Penetrating and Lock Lubricant XL-1	-

Removal

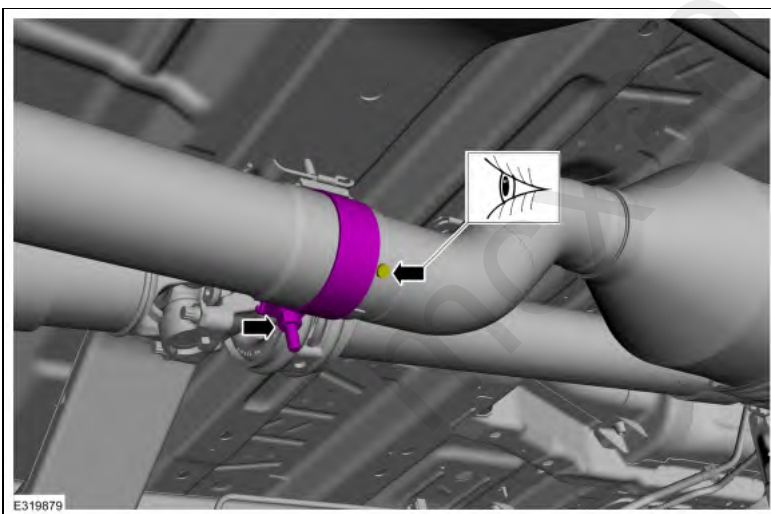
- With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).
- Disconnect the catalyst monitor sensor electrical connector.



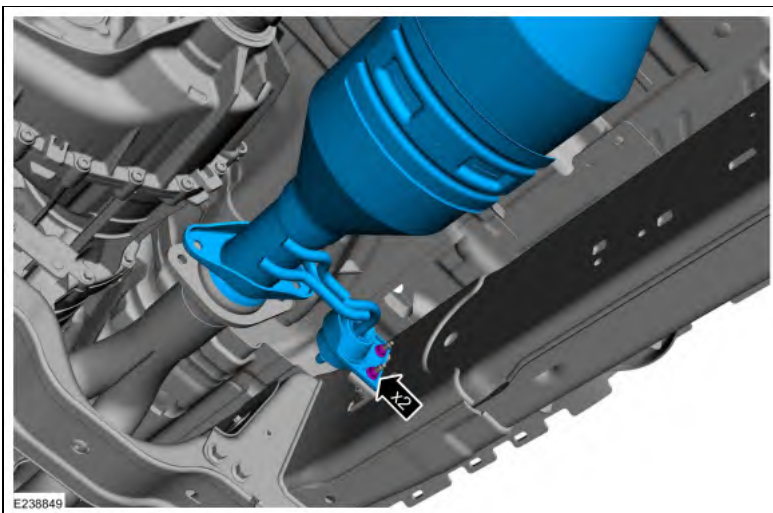
- Remove and discard the exhaust Y-pipe-to-catalytic converter bolts.



4. **NOTE:** During assembly, make sure the tab is fully seated in the notch on the pipe.
Loosen the catalytic converter-to the exhaust intermediate pipe clamp.

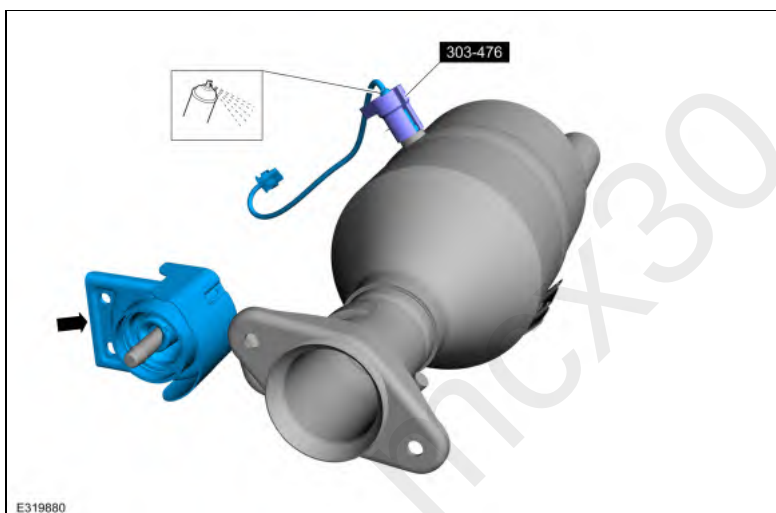


5. Remove the exhaust hanger bracket nuts and the catalytic converter.



6. **NOTE:** The below following step is only required if you are replacing with the new component.

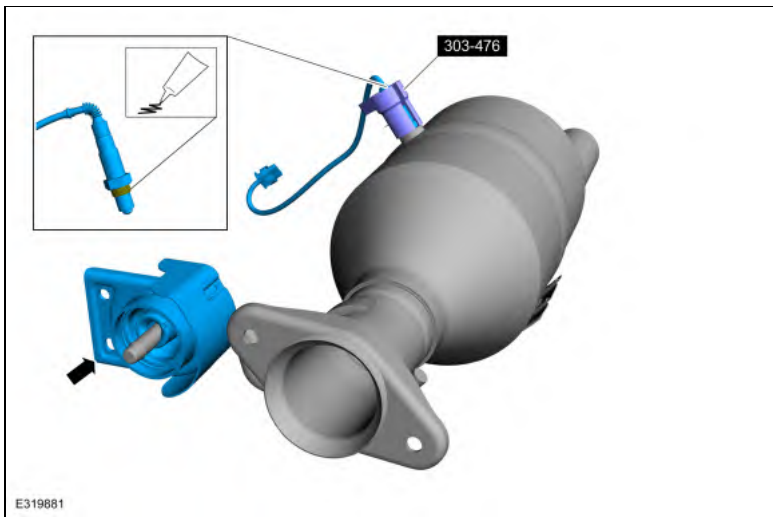
- Remove the isolator hanger.
- Apply penetrating oil to sensor, using the special tool remove the catalyst monitor sensor.
Use Special Service Tool: 303-476 (T94P-9472-A) Socket, Exhaust Gas Oxygen Sensor.
Material: Motorcraft® Penetrating and Lock Lubricant / XL-1



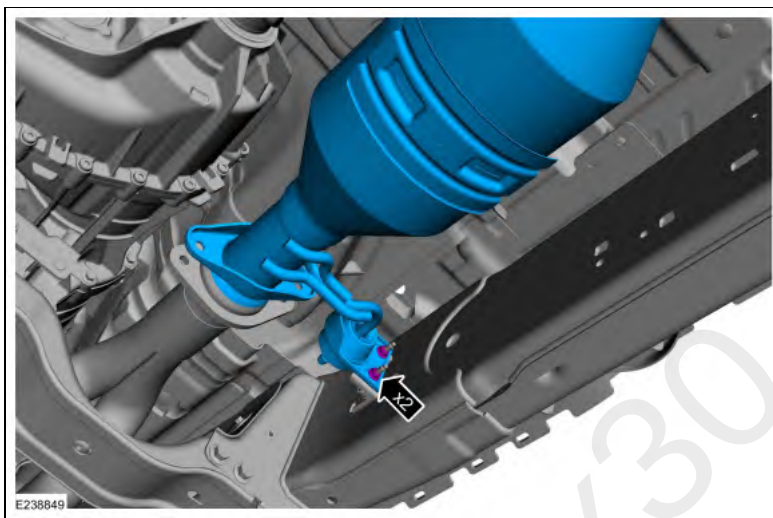
Installation

NOTE: Clean all exhaust connections before reassembly.

1.
 - Install the isolator hanger.
 - Apply anti-seize to thread of sensor, Using special tool install the catalyst monitor sensor.
Use Special Service Tool: 303-476 (T94P-9472-A) Socket, Exhaust Gas Oxygen Sensor.
Material: Motorcraft® High Temperature Nickel Anti-Seize Lubricant / XL-2
Torque: 35 lb.ft (48 Nm)



2. Position the catalytic converter and install the exhaust hanger bracket nuts.
Torque: 22 lb.ft (30 Nm)

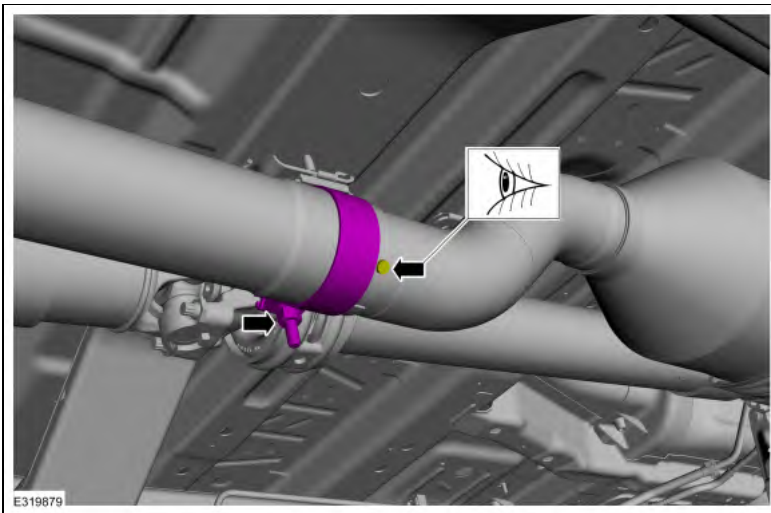


3. **NOTE:** *Install new clamp if necessary.*

NOTE: During assembly, make sure the tab is fully seated in the notch on the pipe.

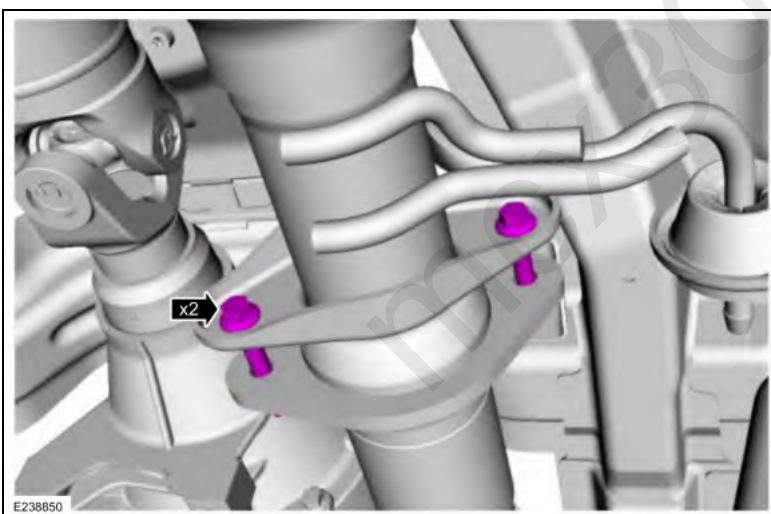
NOTE: *Do not tighten clamp at this time.*

Install the catalytic converter-to-exhaust intermediate pipe tab until fully seated in the notch.



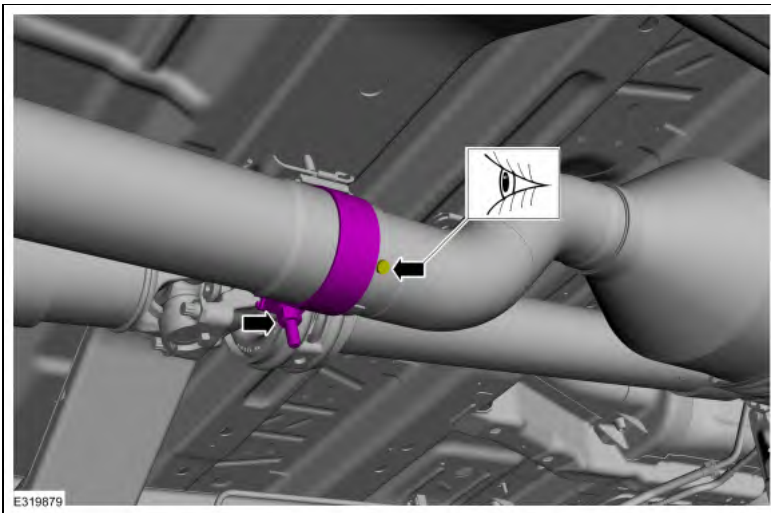
4. **NOTE:** Make sure that new bolts are installed.

Install the new bolts and evenly tighten the exhaust Y-pipe-to-catalytic converter bolts.
Torque: 30 lb.ft (40 Nm)

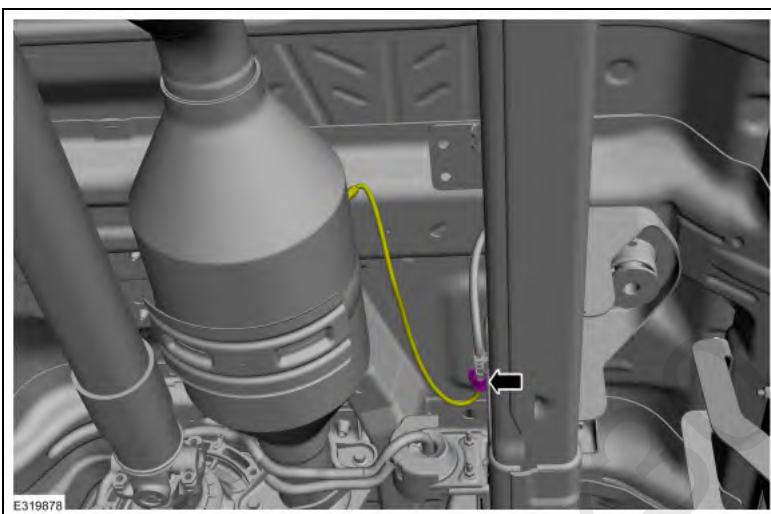


5. **NOTE:** Before tightening the clamp, make sure the tab is still fully seated in the notch on the pipe.

Tighten the catalytic converter-to-exhaust intermediate pipe clamp.
Torque: 41 lb.ft (55 Nm)



6. Connect the catalyst monitor sensor electrical connector.



7. Check the exhaust system for leaks.