

1.

With the vehicle in NEUTRAL, position it on a hoist. Refer to: Jacking and Lifting - Overview .

2.

Remove the air cleaner outlet pipe. Refer to: Air Cleaner Outlet Pipe .

3.

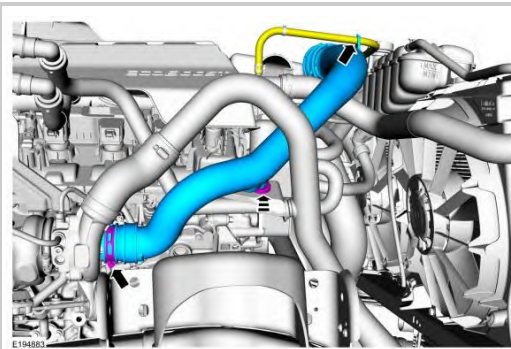


NOTE: The clamp can be accessed through the fender splash shield.

Loosen the clamp at the turbocharger inlet. Position aside the heater hose. Remove the air cleaner outlet pipe.

Torque

: 48 lb.in (5.4 Nm)



REMOVAL AND INSTALLATION > AIR CLEANER OUTLET PIPE RH > INSTALLATION

1.

To install, reverse the removal procedure.

REMOVAL AND INSTALLATION > CHARGE AIR COOLER (CAC) > REMOVAL



NOTE: Whenever turbocharger air intake system components are removed, always cover open ports to protect from debris. It is important that no foreign material enter the system. The turbocharger compressor vanes are susceptible to damage even from small particles. Inspect and clean all components prior to installation or assembly.

1.

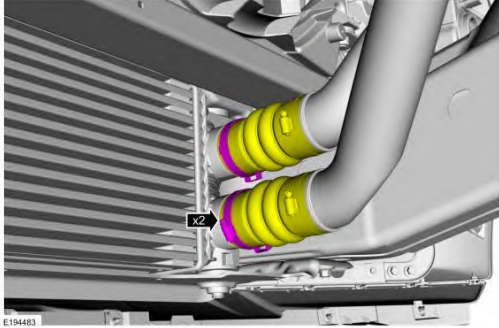
With the vehicle in NEUTRAL, position it on a hoist. Refer to: Jacking and Lifting - Overview .

2.

Loosen the intake pipe clamps and position the intake pipes aside.

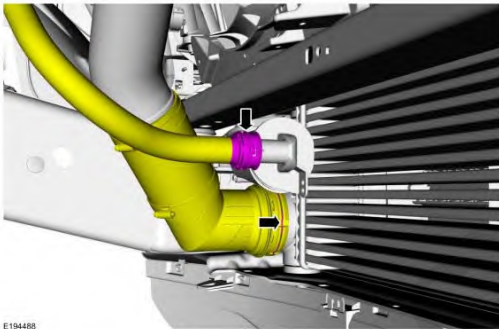
Torque

: 48 lb.in (5.4 Nm)



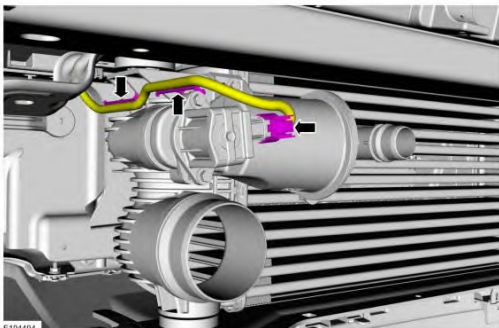
3.

Disconnect and position the CAC outlet pipe from the CAC and the quick connect coupling at the turbocharger bypass valve. Refer to: QUICK RELEASE COUPLING .



4.

Disconnect the turbocharger bypass valve electrical connector and the harness pushpins.

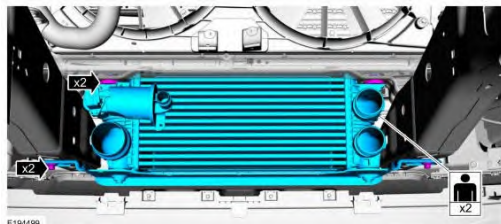


5.

Remove the bolts from the lower bracket and remove the CAC.

Torque

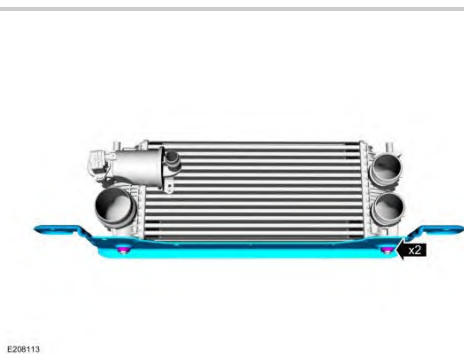
: 30 lb.ft (40 Nm)



Charge Air Cooler (CAC) Replacement

6.

Remove the lower bracket from the CAC.



7.

1.

Remove the bolt from the turbocharger bypass valve.

2.

Rotate the turbocharger bypass valve and remove from the CAC.

Torque

: 62 lb.in (7 Nm)

