2011-2014 Ford Mustang V6

Full Length Headers

Part # 1642,16420,16425

Special Tools Required:

- No special tools required

Install Time:

Approximately
1 Hour 30 mins

Difficulty:

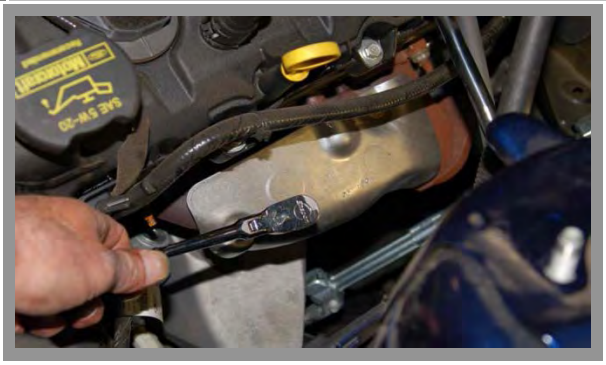
2 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

STEP 1

- Disconnect the negative battery cable, and lift the vehicle and support on jack stands.

STEP 2

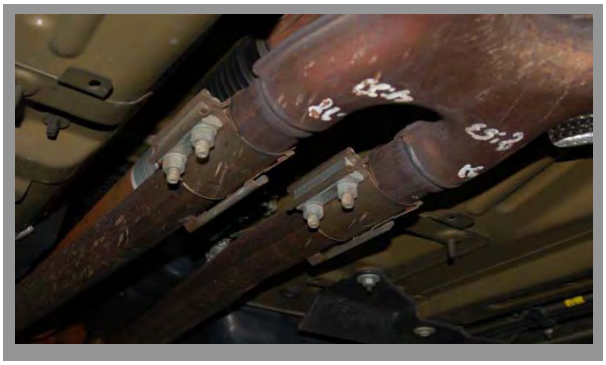


- Remove the strut tower brace if equipped. Remove the heat shields on top of the stock exhaust manifolds. Unplug the front oxygen sensors at the back of the valve covers on each side of the engine.

STEP 3

- From underneath the vehicle, follow the rear oxygen sensor wires up the transmission and find the plug connectors and unplug each side.

STEP 4



- Loosen the 2 nuts on each of the barrel style clamps that connect the exhaust system to the stock X-Pipe. Remove the nuts at the exhaust manifold collectors and remove the entire X-Pipe assembly. From the top of the engine compartment, remove the stock nuts that bolt up the stock exhaust manifolds and remove from vehicle along with the stock gaskets.

STEP 5

- Make sure the head surface is clean and install the provided gaskets.

IMPORTANT: All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance Inc. accepts no responsibility for injuries or damage caused by or during the installation of this product.

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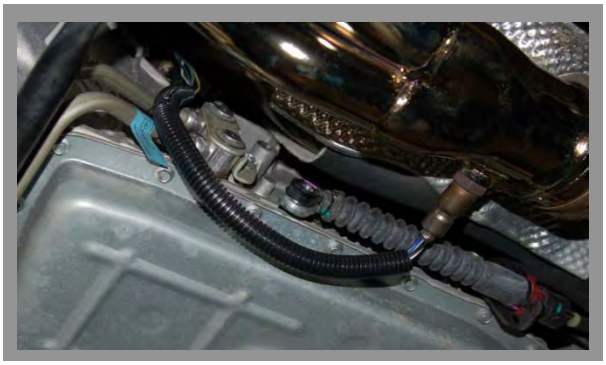
STEP 6

- Install the BBK Full Length Headers from underneath the vehicle. They will slip right in place and onto the studs. Install all the nuts and tighten both sides.

STEP 7

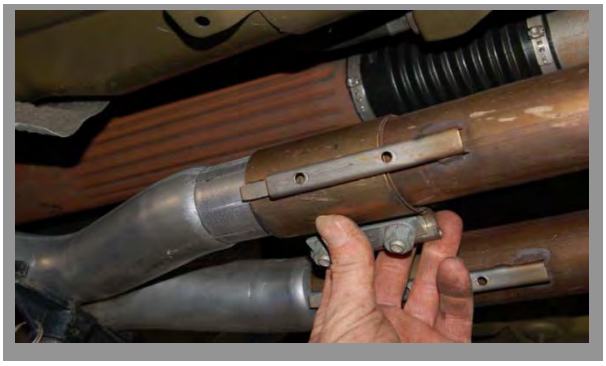


- Remove the front oxygen sensors from the stock cat back pipe and install them into the BBK Full Length Header Collectors. Route the driver side oxygen sensor wires under the shift lever and zip tie to one of the steel Transmission cooler lines. ***NOTE!!! Be sure to add a small amount of anti-seize to the top thread of each oxygen sensor using the supplied anti-seize packet. As you thread the oxygen sensor back into the part the anti-seize will spread evenly throughout the threads.***

STEP 8

- Install the provided oxygen sensor extensions to the plugs for the front sensors and at the plugs for the rear sensors. The front sensors have 6 pin connectors and the rear have 4 pin connectors.

STEP 9



- Install the provided studs into the collector flanges of the BBK Headers. Install the BBK X-Pipe kit.

STEP 10

- Install the rear oxygen sensors into the bungs of the BBK X-Pipe. Connect the extension wire plugs for the rear sensors. ***NOTE!!! Be sure to add a small amount of anti-seize to the top thread of each oxygen sensor using the supplied anti-seize packet. As you thread the oxygen sensor back into the part the anti-seize will spread evenly throughout the threads.***

STEP 11

- Reconnect the negative battery cable. Re-install the strut tower brace, if equipped. Start the engine and check for any leaks. The header nuts should be rechecked after 500 miles of driving.

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Revised 2/25/2013

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Hardware Included

- 1411 Gasket Set (1 set)
- CHD339 24" Oxygen Sensor Extension (2pcs)
- KIT007
  - HDW152 Stud, M12-1.75x65mm (4pcs)
  - HDW040 Hex Nut, M12-1.75 (4pcs)
  - HDW021 Lock Washer ½" (4pcs)
  - HDW023 Flat Washer ½" (4pcs)

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