



2011 FORD MUSTANG V6 FULL LENGTH HEADERS PART# 1642/0/5

INSTALLATION INSTRUCTIONS

TOOLS REQUIRED-8,10,13,15mm sockets, 13,22mm wrenches, ratchet

You will be reusing the stock studs and nuts for reassembly

- STEP 1** Disconnect negative battery cable.
- STEP 2** Raise vehicle up and support with sturdy jackstands.
- STEP 3** Remove strut tower brace, if equipped.
- STEP 4** Find front O2 sensor plugs at the back of the engine on each side and disconnect the sensor plugs. Use a small blade screwdriver to push down on small tab in connector to release.
- STEP 5** Find rear O2 sensor plug connections on each side of the transmission. Disconnect the sensor plugs. Push on tab with thumb to release.
- STEP 6** Loosen the barrel style clamps at the rear of the stock catted mid-pipe. Slide the clamps back onto the exhaust pipes to allow catted mid-pipe section to be removed. **Fig. 3**
- STEP 7** Remove the nuts at the exhaust manifold collector/catalytic converter mid-pipe connection. Remove catted mid-pipe section and set out of the way.
- STEP 8** Remove the heat shields on top of the stock exhaust manifolds. Remove stock exhaust manifolds and gaskets. **Fig. 1**
- STEP 9** Clean head surface and install supplied BBK header gasket.
- STEP 10** Install BBK full length header from below and bolt up to heads, both sides. **Fig. 2**
- STEP 11** Install all stock studs and nuts and tighten.
- STEP 12** Remove O2 sensors from stock mid pipe. Install sensors in collectors of BBK headers.
- STEP 13** Install supplied O2 sensor extensions to the harness plugs and route down along the transmission to the sensors plugs. **Fig. 4**

NOTE: Supplied O2 sensor extensions have 8 pins in the connectors, Ford uses 6 of them. Although the stock plugs have only 6 pins and the extensions 8 pins, the extensions will work perfectly.

- STEP 14** Install studs into header collectors, install Hi Flow catted or Off Road X-pipe. **Fig. 5**
BBK Part# 1461 or 1462. Stock barrel style clamps used at the rear of BBK X-pipe. **Fig. 3**
- STEP 15** Install stock rear O2 sensors into provided bungs behind the cats. Connect to harness plugs.
- STEP 16** Reinstall strut tower brace, if equipped.
- STEP 17** Reconnect battery.
- STEP 18** Start engine and check for any exhaust leaks.



FIG.1
Remove heat shields



FIG. 2
BBK header will slip right in place around steering shaft and motor mount.



FIG. 3

Stock barrel style clamps connect BBK X-pipe.



FIG. 4

***Driver side rear O2 sensor extended wire routing.
Loop down under shifter arm and ziptie to steel
transmission cooler line***

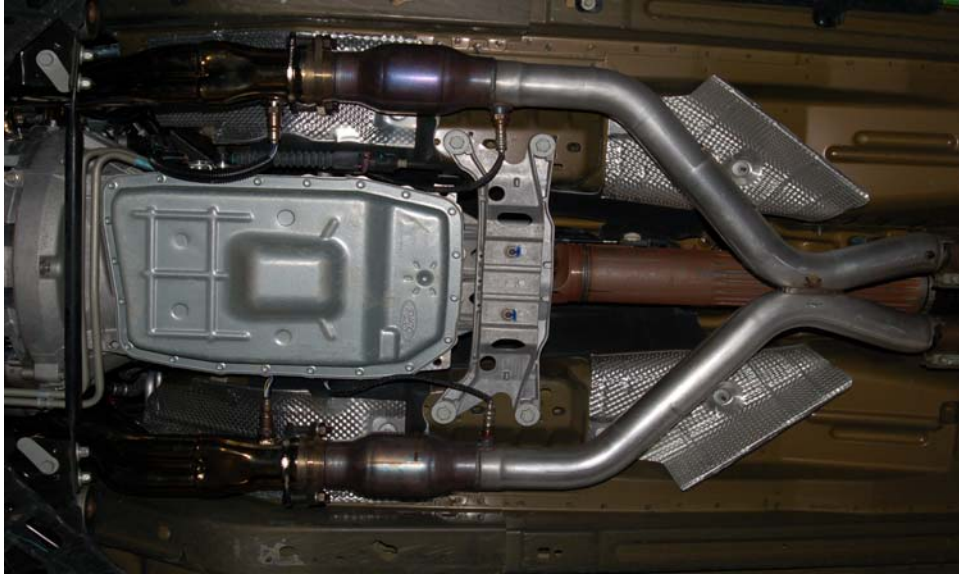


FIG. 5
BBK X-pipe #1461 shown installed.