



Ford Mustang Cat Back Installation Instructions

XFORCE RECOMMENDS AN AUTHORISED PROFESSIONAL TO INSTALL ALL PRODUCTS

WARNING: When working on any vehicle exercise extreme caution. Please allow the vehicles exhaust system to be cool enough to touch before removal. Failing to do so may result in severe burns. If working without a hoist refer to the vehicles manual to check correct lifting specifications. Always wear safety glasses, protective gloves and ensure your working in a safe area. Serious injury or death can occur if the correct safety measures are not followed.

Attention: Please read the instructions carefully. XFORCE will only warrant manufacturing faults. This does not extend to damage or breakage due to incorrect fitment.



Required Tools

1. Spanners and Sockets required 10mm, 13mm, 14mm, 15mm, 17mm
2. $3/8$ $1/2$ $9/16$ $5/8$ $11/16$
3. Supporting stand
4. Extension bar
5. Can of spray lubricant
6. Tube of O2 Sensor safe sealant for all gaskets



Step 1

Disconnect Battery (located under a rubber lid in the engine bay on the left side near the windscreen)

Support the exhaust using a stand and then unbolt the exhaust at the 2 x 2 bolt flat band clamps (15mm) in the middle of the car

Spray the rubbers with lube and unbolt the rubber hangers from the rear subframe above the diff. Now remove stand and slide the exhaust forwards (towards the engine) until the hangers on the rear mufflers are released from the rubber.

Once the exhaust is on the ground refit the rubber hangers to the subframe but leave loose.



Clamps where
Factory Cat Back
Starts



Step 2

If fitting to the factory cats use the factory cat back adapters and factory 2 bolt flat band clamps.

If fitting to the Xforce headers and cats use the long cat pipes which bolt to the 2 bolt flange at the back of the cats.

Fit the centre muffler bolting it to the flanges after the cat pipes (or adapters). Put a stand under the muffler to support the system.

Make sure all gaskets are in and all bolts at this stage are finger tight only.



Factory Cat Back Adapter



Xforce Header/Cat Pipes



CENTRE MUFFLER



Step 3

Slide the diff pipes hangers into the rubber mounts on the subframe above the diff and bolt them to the back of the centre muffler.

Remove the stand from the centre muffler.

Fit the rear muffler 1 at a time by bolting to the back of the diff pipes then using the stand to support.

Slide the round rear hanger over the muffler with the bolt that clamps it onto the muffler (at 9 o'clock for the left muffler and 3 o'clock for the right)

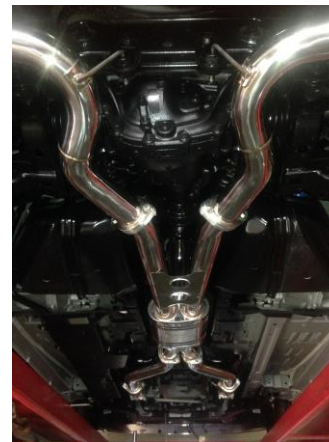
Make sure all gaskets are in and bolts at this stage are finger tight only.



Left and Right Diff Pipes



Diff Pipes and mufflers from Behind



How the exhaust should look once everything is fitted



Step 4

Fit the tips and adjust the hangers from left to right so the tips are centred in the rear bar (if needed rotate the round part of the hanger up or down to adjust the height).

Do all the bolts up tight from the back to the front.

Now check the tips again and adjust the hangers if needed if the aren't centred.





Step 5

Now check that the exhaust doesn't hit anywhere that may cause a rattle or damage to any other part of the car. Once you are satisfied tighten the hangers from the rear to the front.

Start the car, check for leaks and now enjoy your new XFORCE PERFORMANCE EXHAUST.

Note: When you first start your vehicle after the installation of your new XFORCE Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.





VAREX

Wiring Harness Installation Instructions

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Step 1

Find a rubber grommet to allow access from the boot area to the underside of the car near the Varex Muffler. Once located feed the black 2 pin plug through the boot area to the underside of the car and connect to the muffler.



What's
inside the
box





Step 2

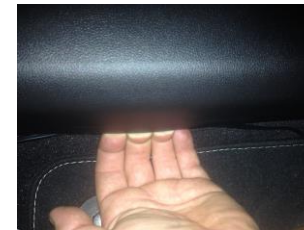
Feed the wiring through the boot towards the back seat, then run the wire into the cabin and under the back seat, towards the plastic cover between the carpet and the doors.

Put your fingers under the cover (pic 1) then push the wiring up under the cover (pic 2).

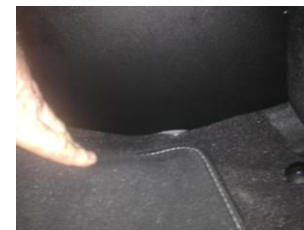
Do this all the way to the front of the cabin and feed the wire behind the kick panel Pic 3 (plastic cover near where your feet would be in the front of the car).



Pic 1



Pic 2



Pic 3



Step 3

Plug the box into the white 4 pin plug (pic 4)
Remove the panel under the dash (pic 5) and place the wiring and box on the panel (pic 6), run the wire (with the power socket fitting) towards the centre console and refit the panel.



Pic 4



Pic 5



Pic 6



Step 4

Feed the wiring under the plastic between the centre console and the carpet moving it towards the centre of the car (pic 7 towards the seats) as far as is needed to reach the power socket (pic 8).

Turn the car on and test the system using the remote
Button A will close the Varex and button B will open the Varex

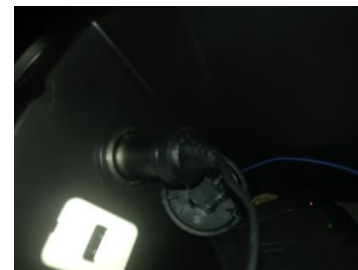
Now enjoy the volume controllability of your new Varex System

Note: **DO NOT** hard wire this system, **IT WILL** result in the control box failing (due to constant power supply) and could also damage the electronics in you vehicle due to incorrect installation.

This will **VOID** your **WARRANTY**



Pic 7



Pic 8