

Installation Instructions

PART# 550015

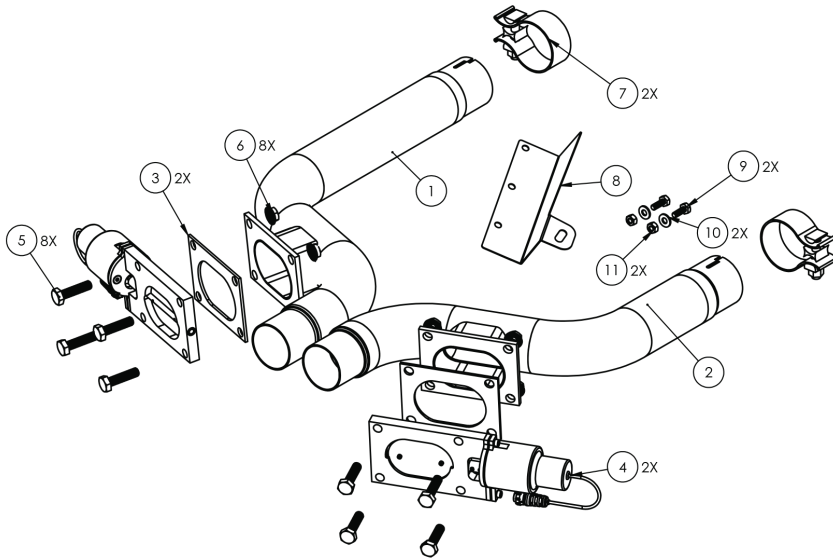
2015 - 2017 Ford Mustang GT 5.0

Aggressor Cutout Pipes



Made in the USA

Caution! Never work on a hot exhaust system. Burns or other serious injuries can result. Always allow the exhaust system to cool before removal. Always consult vehicle manual for proper lifting and support guidelines. Always wear approved safety glasses when working. Serious injury or death can result if safety precautions are not followed.



ITEM NO.	DESCRIPTION	QTY.
1	LEFT AGGRESSOR ASSEMBLY	1
2	RIGHT AGGRESSOR ASSEMBLY	1
3	OVAL GASKET	2
4	LOW PROFILE ELECTRIC CUTOUT	2
5	M10 x 1.5 x 40MM HEX BOLT	8
6	M10 x 1.5 SERRATED FLANGE NUT	8
7	2.25 TORCA ACCUSEAL CLAMP	2
8	HEAT SHIELD	1
9	1/4-20 x .75 HEX BOLT	2
10	1/4 FLAT WASHER	2
11	1/4-20 NYLOCK HEX NUT	2

Removal of Factory Front Pipes:

Step 1: Raise and support Vehicle. Once lifted support the factory center suitcase muffler.

Step 2: Mark the cut line on the left side of the vehicle just in front of where the weld bead for the factory clamp ends. (Image A)

Step 3: Mark and cut line for the right side even with the front edge of the transmission crossmember. (Image B)

Step 4: Using a sawzall, cut the marks. Take time to ensure the cut is straight. Once cut loosen the factory band clamps on the center muffler (Image C). Slide the factory coupler clamps back towards the rear of the vehicle and remove the cut sections.

Step 5: Deburr the cut so that the new pipes will easily slide over the factory pipes.

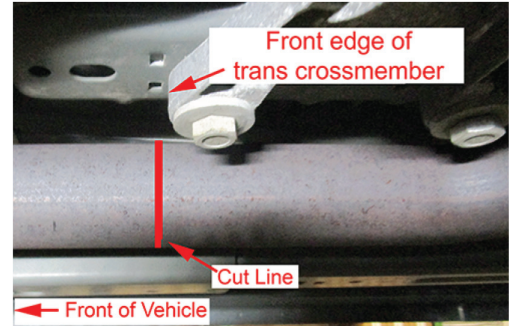


Image A

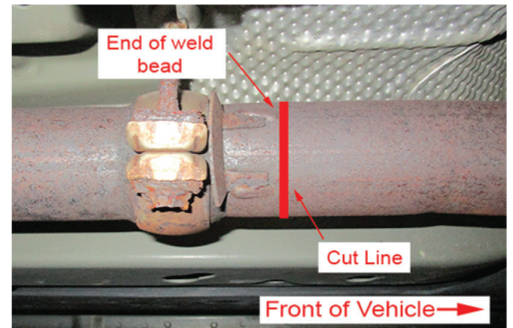


Image B

Installing the Aggressor Pipes:

Step 6: Install the provided heat shield by removing the forwardmost nut holding the factory plastic guard in place on the left side of the vehicle, SAVE THIS NUT (Image D).



Image C

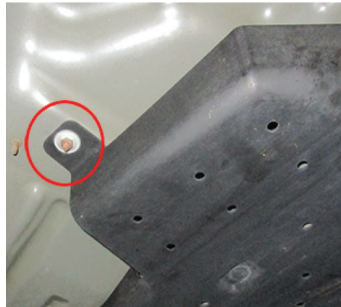


Image D



Image E



Image F

Step 7: Place the provided heat shield in place and secure with the factory nut and the provided nuts, bolts, and washers. (Note: The washer goes under the nut against the plastic), reach through the rear to secure the nuts. (Images E +F).

Step 8: Place an accusal clamp onto each of the factory catalytic converter pipes. Slide the left aggressor pipe over the factory catalytic converter pipe and rotate into position. Once in position slide the rear couple clamp over the aggressor pipe (Image G). Repeat for the right side.

Step 9: Adjust the exhaust system back to original location and tighten all clamps (Image H).

Step 10: Install the exhaust cutouts using the supplied gaskets and bolts. When installing the valves, the "QTP" logo on the valve will face up and the motor will be towards the outside of the vehicle. Once wired cycle the valves and ensure the butterfly plate does not hit the flange or turndowns (if installed) (Image J).



Image G



Image H



Image J

Wiring the cutouts:

Installing the Toggle Switch

- Make sure that the vehicle battery has been disconnected.
- The switch should be located in a place that is easy to access such as a center console, kick panel, etc.
- Connect the RED wire to a 12 volt source.
- Connect the BLACK wire to a good ground.
- Drill a 1/2" hole where you wish to mount the switch.
- Remove the first lock ring from the shaft of the switch.
- Install switch in the hole you just drilled.
- Slide the lock ring over the switch and tighten ring so that there is no play in switch.

Routing the Wire Harness

- Make sure that you have the wire oriented so that the connectors mate. They are different, so make sure you pull the proper end into the vehicle.
- Route the wire up through the underside of the car. *Be careful to ensure that the exhaust pipes or drive shaft do not interfere with the cable.
- Route the cables into the car. You can often open up a factory drain plug in the floor pan and snake the wire through.
- For manual transmission cars, you can also come up through the transmission shifter area. Remove the boot/seal of the transmission shifter.
- Plug the cable into the toggle switch, on the connector near the motor, align and press them together and then turn the coupling ring until it locks.

Maintenance

- Check & re-torque ALL clamps after 50 miles of your new install.
- We recommend lubricating the butterfly plate body and shaft using a quality lubricant such as "Liquid Wrench"(tm) from Gunk. This will help prevent Carbon build up naturally generated by the exhaust system and keep the butterfly sealing properly. This should be done on a monthly basis.
- For harsher climates, you should remove the cutouts and store them. Using the supplied block off plates will insure operation while cutouts are removed.
- Check screws every now and then to make sure they are tight. If not reapply a red thread locker and reinstall.

Note: After initial startup a small trace of smoke may be visible from the exhaust, do not be concerned. This is from residual oils left in the tube from the manufacturing process and will dissipate quickly.

Quick Time Performance recommends professional installation on all of our products.

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- Conditions resulting from acts of nature, weather, criminal activity or accidents are subject to adjustment under the product warranty.
- Shipping and handling charges are the responsibility of the end user and are not covered by warranty.
- Any and all labor charges that may be incurred for the removal and or replacement of any covered component or the purpose of affecting this warranty are the sole responsibility of the consumer.
- Leakage

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Questions

Quick Time Performance Technical Team is available Monday through Friday (9am-4pm eastern time) at (864) 913-1999 or via email at: sales@quicktimeperformance.com