

Installation Instructions
CATALOG # QTEC302
2012 - 2013 Ford Mustang Boss 302
Electric Valves Quad Exhaust

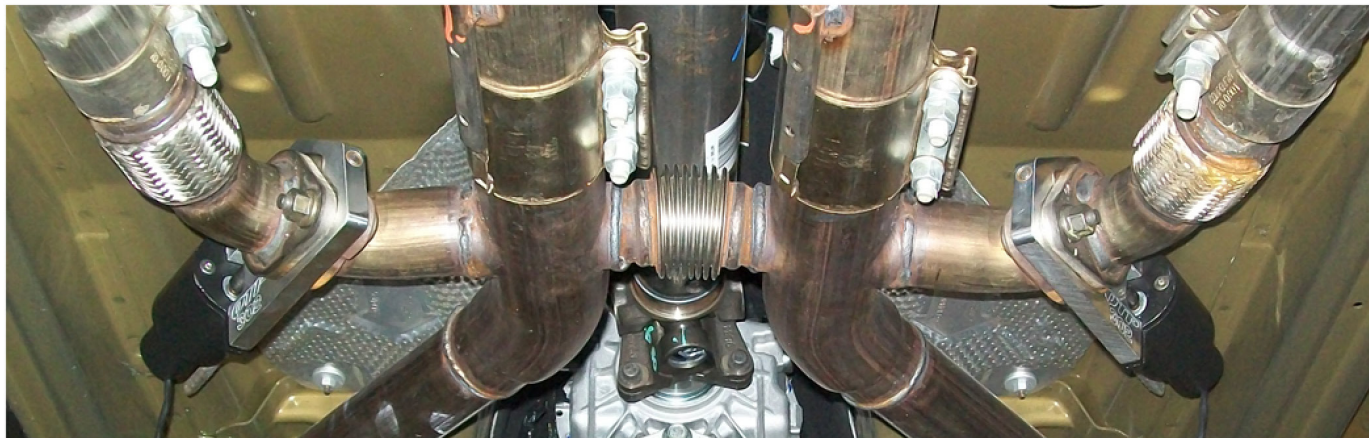


Made in the USA

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.

Installing the Electric Valves

- Unbolt and remove side pipes.
- Remove spacer plate and silencer disc.
- Bolt in electric valves with factory gaskets with side pipes as shown.



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. The connector to the motor is a weather tight connector.
- Route the wire up through the underside of the car. *Be careful to ensure that the spinning drive shaft come into contact with the cable. Also make sure that the cable does not come into contact with the hot exhaust pipes.
- 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.
- Run the wire up around the boot and silicone in the void to seal it, or you can cut a small "X" incision in the boot and pass the cable up through it, sealing it with silicone when you are finished.
- Run the cable to the switch area and reconnect the switch connector. On the connector near the motor, press them together and then turn the coupling ring until it locks.

Installing the Standard Switch

- The switch should be located in a place that is easy to access. We recommend locating it on the side of the center console. Other places would include: the kick panel of the dashboard, the glove box, and the center console storage bin, etc... Before mounting the switch, ensure that your chosen location is such that there is enough wire in the kit to reach.
- Make sure the the positive lead to the battery has been disconnected. Failure to do so may destroy delicate electronic instrumentation in the vehicle.
- Connect the RED wire to a switched 12 volt source or run it to a switch fuse in the fuse in the fuse panel. Depending on the switch location it might be necessary to extend the wire to the power source. Make sure that you choose a source that is off when the key is removed and the car is shut off. Failure to do so may drain your battery since the motor will continue to draw current.
- Connect the BLACK wire to a good ground. One choice is drilling a hole in the chassis and screwing the wire to the chassis. Another location is the black wire on the cigarette lighter. Regardless of where you find your ground, ensure that it is a good ground or the unit will not work properly.
- Drill a 1/2" hole where you wish to mount the switch.
- Remove the ring on the threaded part of the switch.
- Install switch in the hole you just drilled. Position the switch so that the keyway should point to the rear of the car or facing down.
- Slide the ring over the switch. Tighten ring so that there is no play in the switch. The switch installation is now complete.

Optional Wireless Remote

The wireless remote is an option that replaces the standard toggle switch.

- Connect the red wire to a switched 12 volt source or run it to a switch fuse in the fuse panel.
- Connect the black wire to a good ground. A bolt that attaches to the chassis or a ground wire will do.

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.

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