

Installation Instructions

CATALOG #: QTEC33/QTEC66

Quick Time Electric Cutouts, Low Profile



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.

TECHNICAL SUPPORT LINE

973-513-9955
Monday through Friday
9AM - 4PM EST

email
tech@quicktimeperformance.com

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.

Installing the Oval Pipe

- Mount the Electric Valve to the connection tube flange and check to be sure you have the valve aligned to the connection tube correctly. There is a Top and a bottom. Mounting the valve incorrectly can cause the butterfly to come into contact with the flange which will result in a binding situation. a simple "Dry run" will normally help you spot any problems. Cut and shape the oval pipe at the angle you need. **Image A**
- Outline the inside hole with a marker. **Image B** and **Image C**
- Cut out hole with plasma cutter or sawzall. **Image D** Then clean up the hole with a dremel or drill.
- Weld oval cutout on to your exhaust pipe. **Image E**

MAKE SURE YOU POSITION THE QTEC IN THE RIGHT ANGLE SO IT DOES NOT SCRAPE THE GROUND OR HIT THE CHASSIS OF THE CAR. LEAVE ROOM FOR ENGINE MOVEMENT. ANY DAMAGE TO THE BODY VOIDS WARRANTY



Image A



Image B

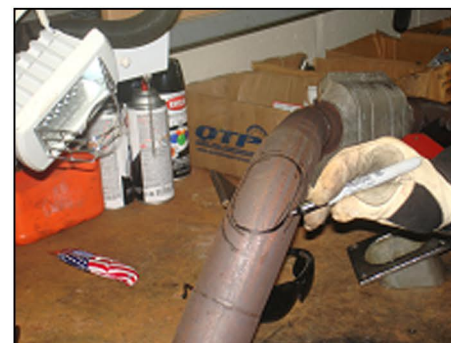


Image C



Image D



Image E



Image F

Installing the QTEC

- Position the QTEC over the collector of the oval cutout. Place the QTEC on the bolts on the cutout with the gasket. Coat all bolts liberally with a thread locker. Start the nuts on all four bolts before tightening. Be sure that the butterfly does not come into contact with the mounting flange.

Finishing the Install

- Reconnect the positive lead on the battery.
- Lower the vehicle back to the ground.
- Before starting vehicle, turn key to run position and push up and down to open and close the valve. Ensure that the valve is not binding or sticking (i.e. is centered in the exhaust and is not hitting any objects). It only takes 4.75 seconds for it to go from closed to open and vice versa.
- Start the car and enjoy!

Maintenance

- 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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- Any product, which has been subjected to abuse, accident, alteration, neglected maintenance or improper installation, renders the product warranty null and void.
- 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 (973) 513-9955 or via email at: tech@quicktimeperformance.com