

## INSTALLATION INSTRUCTIONS

### Part # DEC250A, AK - DEC300A, AK

### Doug's Electric Cut Outs

**PerTronix®** thanks you for choosing **DOUG'S HEADERS**, the best fitting, highest quality Exhaust Products on the market. In order to realize the full potential of this product, please read and understand these instructions completely prior to starting work.

**Be sure to work safe!** Whenever you work under the vehicle be sure that it is located on level, solid ground and is supported by adequate safety stands! **Remember: Hot asphalt will not support most jack stands!**

#### **WARNING:**

This product can expose you to chemicals including Lead, Nickel, Cadmium and Chromium which are known to the State of California to cause cancer and birth defects or other reproductive harm. **For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

**WARNING:** These Cut Outs are NOT legal for installation on any vehicle that is to be operated on a public highway. Most states have a specific law regarding the use of cut outs or exhaust by pass products. If you are unsure, check with your local Department of Motor Vehicles before installing.

**Doug's does NOT recommend using these electric cut outs on Catalytic Convertor equipped vehicles, the extreme exhaust temperature's can damage the unit and will void the warranty of the cut outs.**

The Doug's Electric Cut Outs are relatively easy to install, however there are some things to consider before you begin. The easiest way to install them is using the Doug's Hook Up kit (included in part #'s DEC250AK and DEC300AK, also available separately). The other option is to have a muffler or fabrication shop weld a Y Pipe into your system. However you decide to install, **it is imperative that you DO NOT weld to the cut outs, this will Void your Warranty. You can make small tacks on the outlet side for an extension, but DO NOT fully weld.**

Determine the ideal location on your car to fit the cut outs. Normally this will be somewhere in the first 12" behind the exhaust header collectors, but they can be installed anywhere before the mufflers. The closer to the collector, the louder and more effective the cut out will be. Be advised that adding the cut outs to your system will change the sound of your exhaust, even when in the closed position. This is due to the added sound chamber created by the Y and the cut out body.

The 3 bolt flange side of the cutout is the inlet side. They must be installed in this direction. The cut outs are designed to nest within the "V" of the Y Pipe (see illustration); this will take up the least amount of room under your car. If you need to mount them away from the V this is acceptable also.

If you are using the Doug's Hook Up Y pipe kit, locate a straight section of your exhaust approx. 9" long to install the Y pipe. Remove a section of pipe 6-7" long for the Y pipe to slip in to and clamp the Y pipe in place. The Electric Cut Out will then bolt to the flange on the Y pipe. Mount the cut out with the motor closest to the floor.

The switch comes pre wired with a harness that goes to the motor on the cut outs along with a power and ground wire. Attach the fused power wire to a 12 volt power source and the ground to a good chassis ground. Route the harness under the car securing it away from hot exhaust and the driveshaft. Plug the motor wires into the harness and you are ready to operate your cutouts. Do not hold the switch on any longer than it takes to operate the cut out, premature motor wear can occur.

Tighten the three collector bolts after 100 miles.

