



Installation Instructions & Warranty Information

DES103 ~ 1964-67 GM A-Body
LS Engine Swap Exhaust System



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PERTRONIX PERFORMANCE BRANDS EMISSIONS CODES

This Product Is considered a Replacement Part per CARB and EPA regulations for emissions compliance and is legal for sale and use on specified vehicles in all 50 states as stated in Manufacturer's Application Guide and Installation Instructions.

REV 3/2022

PerTronix® thanks you for choosing **DOUG'S HEADERS**, the best fitting, highest quality Header and Engine Swap products on the market. To realize the full potential of our good fit, please read and understand these instructions completely prior to starting work.

Check to make sure you received the proper parts for your application against the parts list in these instructions. If you are unsure you have received the proper parts, please call PerTronix before you start 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

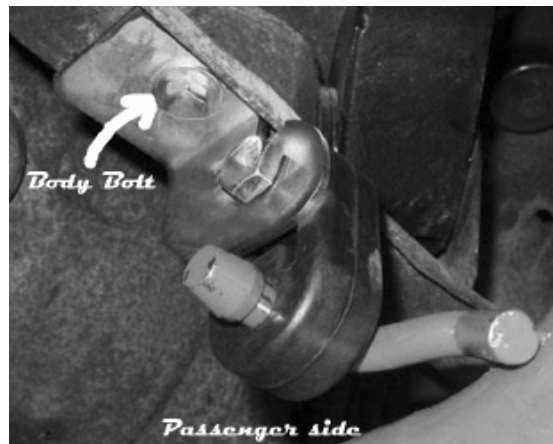
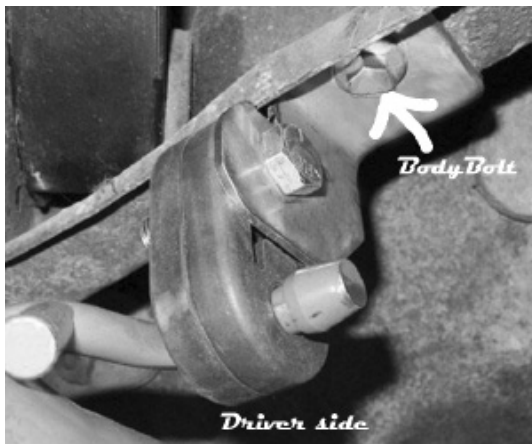
Rev. 3 10-28-24

NOTE: Read Before Starting Installation

1. This exhaust system is designed as a bolt on system specifically for use in LS Swapped 1964-67 GM A-Body cars using Doug's LS Swap Headers and mounts.
2. This system will connect to the Doug's Headers using Doug's motor mount brackets and Doug's transmission crossmember, Any other brand of mounts or headers will not necessarily fit.

INSTALLATION

1. Check that all the parts are in the kit before starting. If you are unsure, contact Doug's Tech department at **(913) 808-2376**.
2. The LS engine and transmission swap need to be completely installed before installing this exhaust system. If you haven't already done so, remove all existing exhaust and mounting brackets.
3. Raise and support the vehicle either on a chassis lift hoist or on Jack Stands so that the rear suspension is at full droop.
4. Slip one 3" Accu Seal Clamp over each inlet side (short side) of the X Pipe. Slide the header to X-Pipe mid pipes into the X-Pipe (the Passenger side has a slight bend in it). Don not fully tighten the clamps.
5. Install the entire assembly up to the Long Tube Headers using one V-Band Clamp on each side. If you are running the Doug's Mid Length headers, you will need to install the Doug's mid pipes, part #DMP103 (sold separately) to connect the exhaust to the headers. Do not fully tighten the clamps.
6. Slip one 3" Accu Seal clamp over one end of each muffler (they are omni directional so it doesn't matter which end) and slide the mufflers onto the outlet side of the X-Pipe. Do not fully tighten the clamps.
7. Using the supplied 5/16" Body Bolts (self threading bolt), Mount the driver and passenger over axle brackets to the frame using the factory exhaust hanger holes in the crossmember that is in front of the rear axle. See photos for proper installation.



8. Slip the over axle tubes in place from the front side of the axle. Slip one 3" Accu Seal Clamp over each inlet end and slide the pipes into the mufflers. Do not fully tighten the clamps.
9. Slide a rubber isolator onto the hanger rod on each over axle tube and bolt the other end to the brackets installed in instruction 7 using the 1/2" Bolts, Flat washers, and Nuts. Refer to the photos for installation orientation.
10. a) **On 66-67 Chevelle's**, attach the tail pipe hangers to the rear frame rails using the supplied 1/4" bolts and nuts through the two factory vertical holes in the frame as shown in the photo. Slip the rubber isolator over each hanger rod and then bolt the isolator to the bracket using the 1/2" Bolts, Flat washers, and Nuts.
b) **A-Body other than 66-67 Chevelle**, Install the rubber isolator the the hanger rod on the tail pipes and then bolt the isolator to the bracket. Clamp the bracket to the frame and then drill two holes in the frame using the bracket as a drill guide. Before drilling, make sure the tail pipes exit and the same distance under the rear bumper on each side at the height you like best. Bolt the brackets to the frame using the supplied 1/4" bolts and nuts.



11. Carefully align all the pipes and the muffler for the best fit and appearance. Tighten each clamp working from the front rearward. Pay attention to the fit and you may need to loosen a previous clamp as you work your way back to keep the proper alignment. Exercise patience and care to get the best fit. Pay special attention to the over axle pipes and their relationship to the rear control arms and springs.
12. Tighten the V-Band clamps by hand (do not use air) so they are tight, use care to keep from stripping the nuts. Tighten all the Accu Seal clamps to 60 lb ft.
13. Congratulations, you are done. Check all clamps and fasteners after about 50 miles and again once a year.

Parts List

1	Driver Side Mid Pipe	1	Passenger Side Mid Pipe
1	X-Pipe	2	Stainless Steel Muffler
1	Driver Side Over Axle Pipe	1	Passenger Side Over Axle Pipe
1	Driver Side Tail Pipe	1	Passenger Side Tail Pipe
2	V-Band Clamp	8	3" Accu Seal Clamp
4	Rubber Isolator	2	Tail Pipe Hanger Bracket
1	Driver Side Over Axle Bracket	1	Passenger Side Over Axle Bracket
4	1/4-20 x 3/4 Hex Bolt	4	1/4-20 Flange Nut
2	5/16 x 1 1/4" Body Bolt	4	1/2-13 x 1 1/2" Flanged Bolt
4	1/2-13 Ny Lock Nut	4	1/2" Flat Washer





This product is designed for swapping a non-original engine into a vehicle that did not offer it. Laws vary by state regarding emissions regulations for engine swaps. This product is Illegal for Street or Off Highway use on any 1975 or newer vehicle originally equipped with a catalytic converter and may further be illegal depending on state or federal engine swap emissions laws regardless of vehicle year and would therefore only be legal for Closed Course Competition use. *PerTronix Performance Brands 2021*

DOUG'S HEADERS LIMITED WARRANTY

All Doug's Headers and Exhaust products are guaranteed, to the original purchaser, to be free of defects in material and workmanship for one year from date of purchase. This warranty covers the replacement or repair of the product and does not cover the cost of removal and installation, customer applied coatings, or Any discoloration or corrosion of finished surfaces.

Damage or product failure resulting from collision, improper installation, off road use, road hazards, the use of exhaust insulating wrap, or rust occurring after installation is not covered by the warranty. This warranty extends only to the original purchaser.

Should a part be deemed defective, it should be returned to the original selling retailer and must be accompanied by the sales receipt. If there is no retailer in your area, contact PerTronix direct for a return authorization and return the part prepaid to the factory for inspection. PerTronix reserves the right to replace or repair the alleged defective part and return the part freight collect.

Tech Department:

(913) 808-2376

Mon-Fri 8:00AM - 6:30PM CT