

Design Engineering, Inc. thanks you for your purchase!

We proudly produce exceptional quality heat and sound control products for the performance racing industry, powersports, marine, and RV markets. You can trust DEI products to solve your heat and sound control issues. If you have any issues, contact us right away.

DEI Limited Warranty

Design Engineering, Inc (DEI) believes in maintaining a high level of customer service and satisfaction.

DEI warrants to the original retail purchaser with proof of purchase for warranty determination that its products are free from defects in material and workmanship while purchaser owns the vehicle upon which such product(s) were originally installed. DEI's obligation under this warranty shall be limited to the repair or replacement of parts that are determined by DEI to be defective, or refund of the products original purchase price, at DEI's option, of the alleged defective product. We pledge that if at any time you encounter a problem with our products, we will strive to correct the problem in the most timely and efficient way possible, subject to the terms, conditions, and Limitations contained herein.

This warranty does not extend to damage or defect in the finish of a product or to any product that, in the opinion of DEI, has been misused, damaged by accident, or negligence, altered or modified in any way, installed contrary to DEI's installation instructions, or repaired by an unauthorized service facility.

DEI makes no warranty for products installed on vehicles used for race or competition purposes.

To make a claim under this warranty or receive service, purchaser must first return alleged defective product to place of purchase for warranty determination within thirty (30) days after purchase. In the event purchaser does not receive satisfaction from the original place of purchase, purchaser must contact DEI and request product return instructions. After receiving an assigned Return Good Authorization number, purchaser must return alleged defective product pre-paid along with original dated proof of purchase sales receipt and a written description of problem to DEI (address below).

NO OTHER WARRANTY, EXPRESSED OR IMPLIED, IS APPLICABLE TO THIS PRODUCT. DESIGN ENGINEERING, INC. (DEI) SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, ACTUAL OR ALLEGED DAMAGES WHETHER DIRECT OR INDIRECT OF ANY KIND, INCLUDING LIABILITY FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, ARISING OUT OF THE USE OF, OR INABILITY TO USE THE PRODUCT, ACTUAL OR ALLEGED LABOR, INCLUDING THE COST OF REMOVING ANY PART, INSTALLATION, REINSTALLATION, FREIGHT CHARGES, TRANSPORTATION, OR OTHER RELATED CHARGES, OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH WOULD OTHERWISE BE APPLICABLE TO THIS PRODUCT.

Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

Specifications, materials, components, color, finish, model changes, availability, and prices are subject to change without notice.

DEI makes no representation or warranty, express or implied, that its products comply with federal, state, or local emission levels, noise levels, or safety standards. The purchaser assumes all responsibility for such use and compliance.

Many Design Engineering, Inc. products and components are recommended for OFF ROAD Use Only! Check local municipal laws in your area prior to installing any DEI performance products for regulations and enforced legislation. DEI will not be held liable for any incurred fees or penalties while using our products.

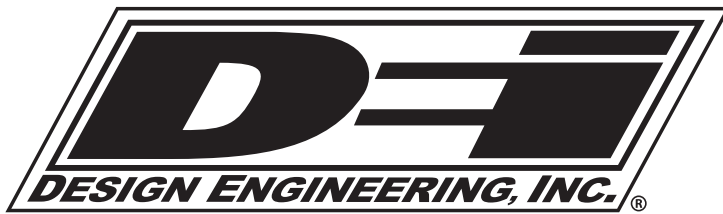
Returns Policy

DEI CANNOT ISSUE REFUNDS OR PROCESS RETURNS FOR ITEMS SOLD BY THIRD-PARTY RETAILERS AND DISTRIBUTORS (Amazon, Jegs, Meyer Distributing, Motor State, Summit Racing, Turn14, etc.). All refunds and returns for items purchased through third-party retailers and distributors must be processed through the retailer or distributor that sold the item.

For all items purchased directly through the DEI website, you may return most new, unopened items within 30 days of delivery for a full refund. We'll also pay the return shipping costs if the return is a result of our error (you received an incorrect or defective item, etc.). Items with custom cut patterns and/or custom cut lengths of material cannot be returned. Clearance or discontinued items cannot be returned.

You should expect to receive your refund within four weeks of giving your package to the return shipper, however, in many cases you will receive a refund more quickly. This time period includes the transit time for us to receive your return from the shipper (5 to 10 business days), the time it takes us to process your return once we receive it (3 to 5 business days), and the time it takes your bank to process our refund request (5 to 10 business days).

If you need to return an item that was purchased directly through the DEI website, please [Contact Us](#) with your DEI website order number and details about the product you would like to return. We will respond quickly with instructions for how to return items from your DEI website order.



INNOVATIVE HEAT & SOUND CONTROL SOLUTIONS



**PROTECTIVE EYEWEAR, GLOVES AND MASK ARE
RECOMMENDED DURING INSTALLATION** (AVOID INHALATION
OF LOOSE FIBERS)



STEP 1: Measure primary pipes (header) from the exhaust to the collector to the header flange. Use the chart below to determine the length needed to cut for each section of pipe.

HINT: Wrapping a pipe takes time and concentration. The tighter the wrapping, the better the hold and less chance of a loose or irregular fit. For additional assistance consider anchoring one end of the wrap as it will aid in a much tighter wrap for increased heat isolation.

STEP 2: Begin wrapping starting at the collector. Wrap tightly and secure with a DEI Stainless Steel Locking Tie or clamp. Testing has shown using a ¼" overlap produces the best results without adversely affecting the metal.

STEP 3: When primary tubes are close together, wrap the pipes to the point of closeness or contact and secure at the end. On the final pipe, begin wrapping when primary tubes meet. Wrap all the unwrapped pipes simultaneously using the same ¼" overlap.

STEP 4: Proceed to wrap up to the exhaust flange and secure with DEI Locking Ties

NOTE: Wrap will smoke for the first 3 to 4 heat cycles.

**Scan this code
to watch a
detailed
installation
video**



GUIDE : INCHES USED PER LINEAR FOOT OF PIPE

TUBE DIA.	1" WRAP	2" WRAP
1-3/8"	70" per foot	30" per foot
1-1/2"	76" per foot	33" per foot
1-5/8"	82" per foot	35" per foot
1-3/4"	88" per foot	38" per foot
1-7/8"	95" per foot	41" per foot
2"	101" per foot	44" per foot
2-1/8"	108" per foot	46" per foot
2-1/4"	113" per foot	49" per foot
2-1/2"	125" per foot	52" per foot
3"	136" per foot	60" per foot

**INCLUDE AN ADDITIONAL 10" OF WRAP PER BEND
ON 2" WIDTH WRAP OR 15" WHEN USING 1"
WIDTH WRAP (BENDS INCREASE SURFACE AREA)**