



INSTALLATION INSTRUCTIONS

Thank you for purchasing genuine Design Engineering, Inc. products. Be sure to always wear the proper safety equipment when installing any DEI product. Design Engineering Inc. WILL NOT BE HELD LIABLE FOR IMPROPER INSTALLATION OR USE OF THIS PRODUCT. Please follow all instructions provided. If you are unsure of any installation procedure, please contact a certified technician.

DESCRIPTION: Turbo Insulation Kit

PART NUMBER: 10113

KIT CONTENTS:

- 2 - 14" Stainless Steel locking ties
- 2 - 20" Stainless Steel locking ties
- 1 - 12"x 36" Heat Screen Material
- 1 - 36" - 6" tan exhaust wrap material
- 1 - 25' tan exhaust wrap
- 1 - DEI decal

TOOLS NEEDED:

- Razor locking knife
- Scissors
- Ruler/Tape Measure
- Wire Cutter
- Dust mask
- Gloves



AVOID SKIN CONTACT WITH FIBERS
MAY CAUSE TEMPORARY IRRITATION - PROTECTIVE EYE WEAR AND GLOVES
RECOMMENDED - AVOID INHALATION (OF LOOSE FIBERS)



1. Measure the exhaust side of the turbo unit. Measure the length as well as the width. Be sure to measure the complete circumference so that full insulation will be achieved.
2. Cut the 6" wide, tan exhaust material, to cover as much of the exhaust side of the turbo as possible.
3. If the width of your unit exceeds 6", it will be necessary to cut another strip of material to cover the remainder of the turbo. This is extremely important as this material is what retains the heat of the turbo and provides the majority of the insulating qualities.
4. Using the same measurements as in step 1, layout and cut the aluminized material. The aluminized material will be used to hold the tan exhaust material in place and provide additional insulation.
5. Measure a 1/4" in from the edge of the aluminized material and begin to make a series of 1/4" marks 1/2" apart along both lengthwise edges.
6. Using a razor knife, cut on the marks created in step 4 to allow insertion of the 20" Stainless Steel Locking Ties.
7. Interweave the 20" Stainless Steel Locking Ties in & out of the holes created in step 6.
8. On the exhaust side of the turbocharger, neatly lay the aluminized material over the 6" tan exhaust material from edge to edge. Start on the side closest to the induction compressor bunching the aluminized material to give it a good hold on the 6" material below. Fasten the 20" locking tie. Repeat procedure on the opposite side and secure with 20" locking tie. Trim the 20" Locking Ties to length and smooth the edges to prevent sharp points.

NOTE: If your unit utilizes a waste gate actuating lever, it will be necessary to cut a relief hole through the material for the lever to protrude.

9. Wrap the down pipe with the included 2" exhaust wrap. Use the 14" stainless steel locking ties to secure the ends of the exhaust wrap.

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).

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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.