

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: 50600
1990-2005 NA & NB models
Mazda Miata Vibration Damping Kit

KIT CONTENTS:

- 4 - 12x12 sheets
- 4 - 6x6 sheets
- 1 roll of Boom Mat tape
- Installation roller
- Instructions

TOOLS NEEDED:

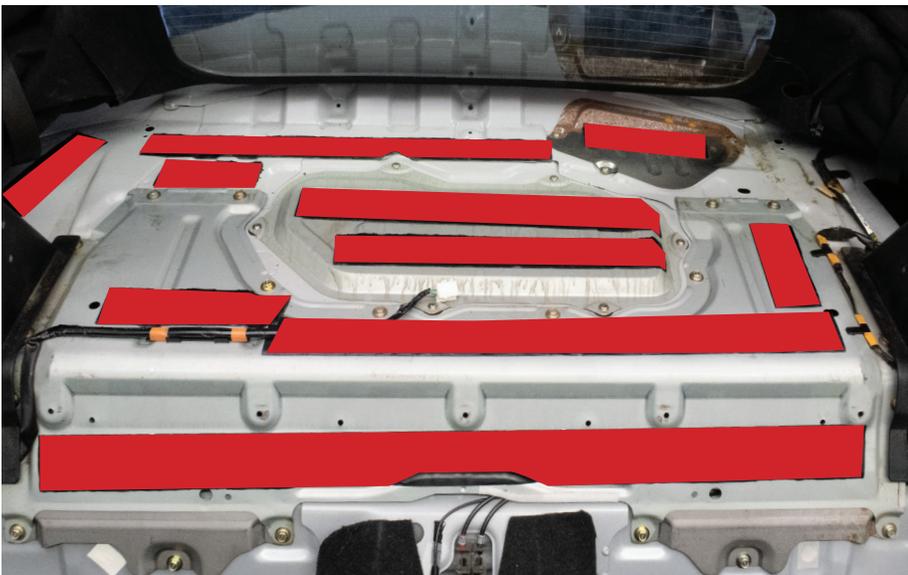
- Panel removal tool
- Straight blade and Philips screwdriver
- Ratchet and metric socket set
- Scissors or utility knife

SAFETY:

- Safety glasses
- Gloves

NOTE OF CAUTION: Wear eye and hand protection when installing all materials.

OVERVIEW: This kit controls noise and vibration on 1990-2005 Mazda Miata NA & NB models



Preparation

STEP 1. Following the factory instruction manual, remove the seats, deck lid and rear carpet.

STEP 2. Remove door sills and kick panels. Then pull up carpet to expose driver and passenger floorboards.

STEP 3. Clean any debris from all areas making sure it is clean, dry and free from grease.

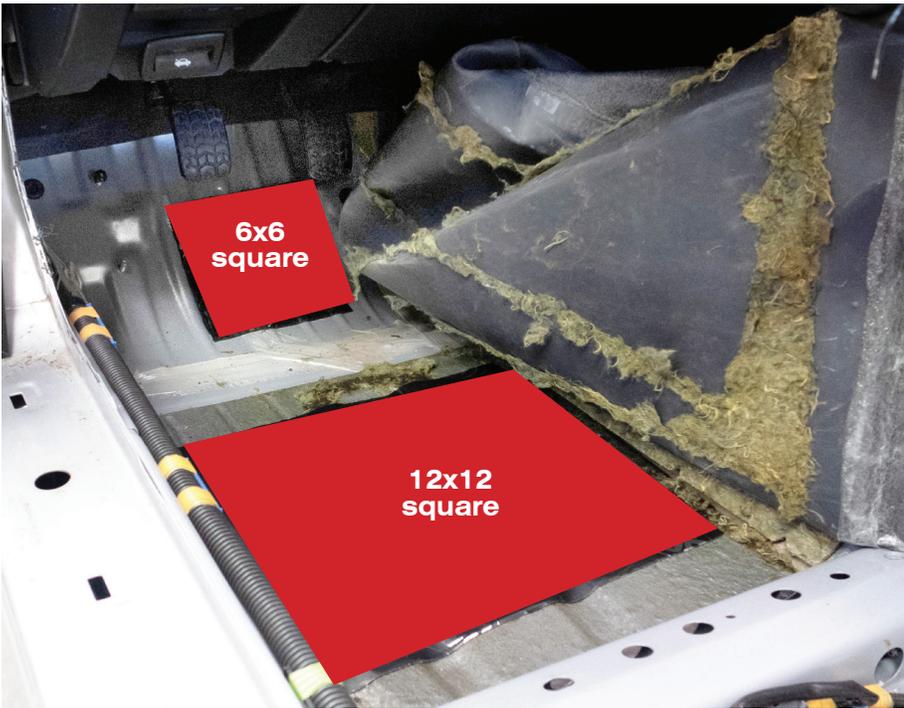
Installation

STEP 1. Using the roll of Boom Mat tape, cut and measure pieces to fit in the areas referenced in the images. Be careful not to cover any holes used for bolts or clips.

STEP 2. Boom Mat tape will be used on the rear wall, deck lid and tunnel area. We have shown where the optimal areas are to apply the tape for the best performance and keeping weight in mind.

FIG. 1
RECOMMENDED LOCATIONS TO PLACE STRIPS OF BOOM MAT DAMPING MATERIAL TAPE

REAR DECK SHOWN WITH CONVERTIBLE TOP RETRACTED

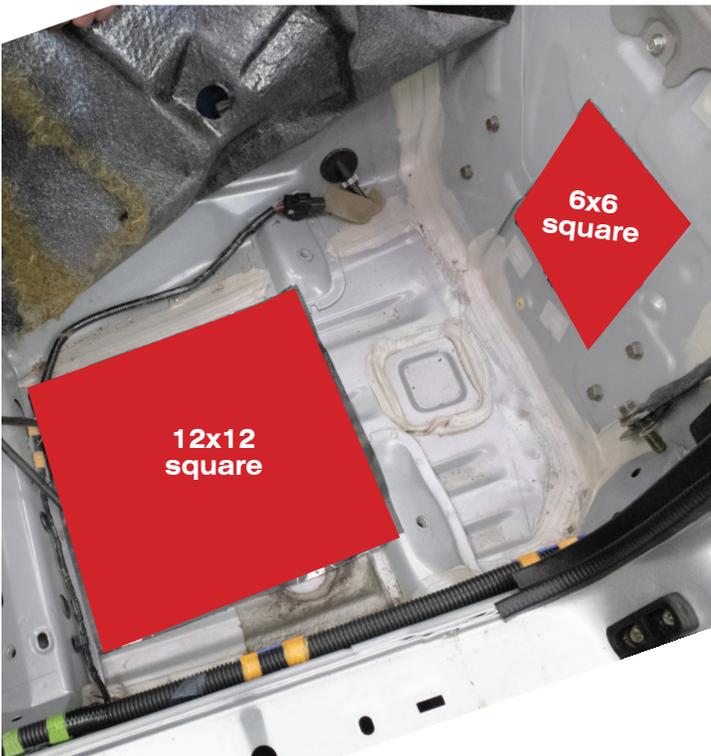


**FIG. 1
RECOMMEDND LOCATIONS TO PLACE BOOM MAT DAMPING MATERIAL IN
DRIVER AND PASSENGER FOOT WELL AND UNDER SEAT
DRIVER SIDE SHOWN (VIEW FROM DRIVERS DOOR)**

STEP 3. In the foot wells you will use a 6" x 6" square in the front and two 12" x 12" squares, one in front of the seat and one under the seat for each side.

STEP 4. Make sure to press the Boom mat firmly into place. It must make good contact to perform at its best. Use provided roller to firmly press into place.

STEP 5. Reinstall carpet, panels and seats in the reverse order following the manufacturer's recommend torque settings.



**RECOMMEDND LOCATION TO PLACE BOOM MAT
DAMPING MATERIAL UNDER THE SEAT AND BEHIND
DRIVER AND PASSENGER SEAT
DRIVER SIDE SHOWN
(VIEW FROM DRIVERS DOOR)**



**RECOMMEDND LOCATION TO PLACE BOOM MAT TAPE
DAMPING MATERIAL ON DRIVER SIDE TRANS TUNNEL
DRIVER SIDE SHOWN
(VIEW FROM DRIVERS DOOR)**



**RECOMMEDND LOCATION TO PLACE BOOM MAT TAPE
DAMPING MATERIAL ON PASSENGER SIDE TRANS TUNNEL
PASSENGER SIDE SHOWN
(VIEW FROM PASSENGER DOOR)**