

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: 2023 Ram Promaster Van
159" WB - High Cube
Part # 50457

KIT CONTENTS:

43 - 12mm thick Pre-Cut Insulation Material
2 rolls adhesive transfer tape

TOOLS NEEDED:

Cleaner & Degreaser
Rags/Towels
Tools for interior panel removal

SAFETY:

Safety glasses
Gloves

NOTE OF CAUTION: Wear eye and hand protection when installing all materials. Use cleaners or degreasers in a well ventilated area

INSTALLATION TIP: This product contains many pieces. There may be multiple pieces that are the same shape and part number, and go in multiple locations. We suggest laying out all pieces before you install them to get a good overview of where each piece goes and which you have multiples of.

Refer to the instructions to see where each piece goes. We recommend laying out and grouping the pieces by size before you start. Once you are familiar with where each piece goes, clean the area where the adhesive transfer tape will be used, using a clean cloth and a mild cleaner like window cleaner.

INSTALLATION TIP: Adhesive transfer tape is not used on all pieces. See instructions for those pieces that are installed by using the tape. Use just enough tape to hold piece in place until the walls and finishing panels are installed.

NOTE: Note all pieces are 30mm thick. There are 12mm thick pieces as well. You will notice this difference when laying out the parts.

INVENTORY OF INSULATION PANELS

**THIS IS A COMPLETE LIST OF ALL NUMMMBERED
INSULATION PIECES IN THIS KIT**

| Description | Quantity | |
|------------------------------------|----------|-------------------------------------|
| <u>Transfer tape Adhesive</u> | <u>2</u> | |
| <u>Insulation Panel 200 - 12MM</u> | <u>1</u> | <u>Insulation Panel 235- 12MM</u> 1 |
| <u>Insulation Panel 201 - 12MM</u> | <u>1</u> | <u>Insulation Panel 236- 12MM</u> 2 |
| <u>Insulation Panel 202 - 12MM</u> | <u>1</u> | <u>Insulation Panel 237- 12MM</u> 2 |
| <u>Insulation Panel 203 - 12MM</u> | <u>1</u> | <u>Insulation Panel 238- 12MM</u> 2 |
| <u>Insulation Panel 204 - 12MM</u> | <u>1</u> | <u>Insulation Panel 239- 12MM</u> 2 |
| <u>Insulation Panel 205 - 12MM</u> | <u>1</u> | <u>Insulation Panel 240- 12MM</u> 2 |
| <u>Insulation Panel 219- 12MM</u> | <u>2</u> | <u>Insulation Panel 241- 12MM</u> 2 |
| <u>Insulation Panel 229 - 12MM</u> | <u>1</u> | <u>Insulation Panel 242- 12MM</u> 2 |
| <u>Insulation Panel 230- 12MM</u> | <u>2</u> | <u>Insulation Panel 243- 12MM</u> 1 |
| <u>Insulation Panel 231 - 12MM</u> | <u>1</u> | <u>Insulation Panel 244- 12MM</u> 1 |
| <u>Insulation Panel 232- 12MM</u> | <u>2</u> | <u>Insulation Panel 245- 12MM</u> 2 |
| <u>Insulation Panel 233- 12MM</u> | <u>1</u> | <u>Insulation Panel 246- 12MM</u> 1 |
| <u>Insulation Panel 234- 12MM</u> | <u>2</u> | <u>Insulation Panel 247- 12MM</u> 2 |
| | | <u>Insulation Panel 248- 12MM</u> 2 |
| | | <u>Insulation Panel 249- 12MM</u> 2 |

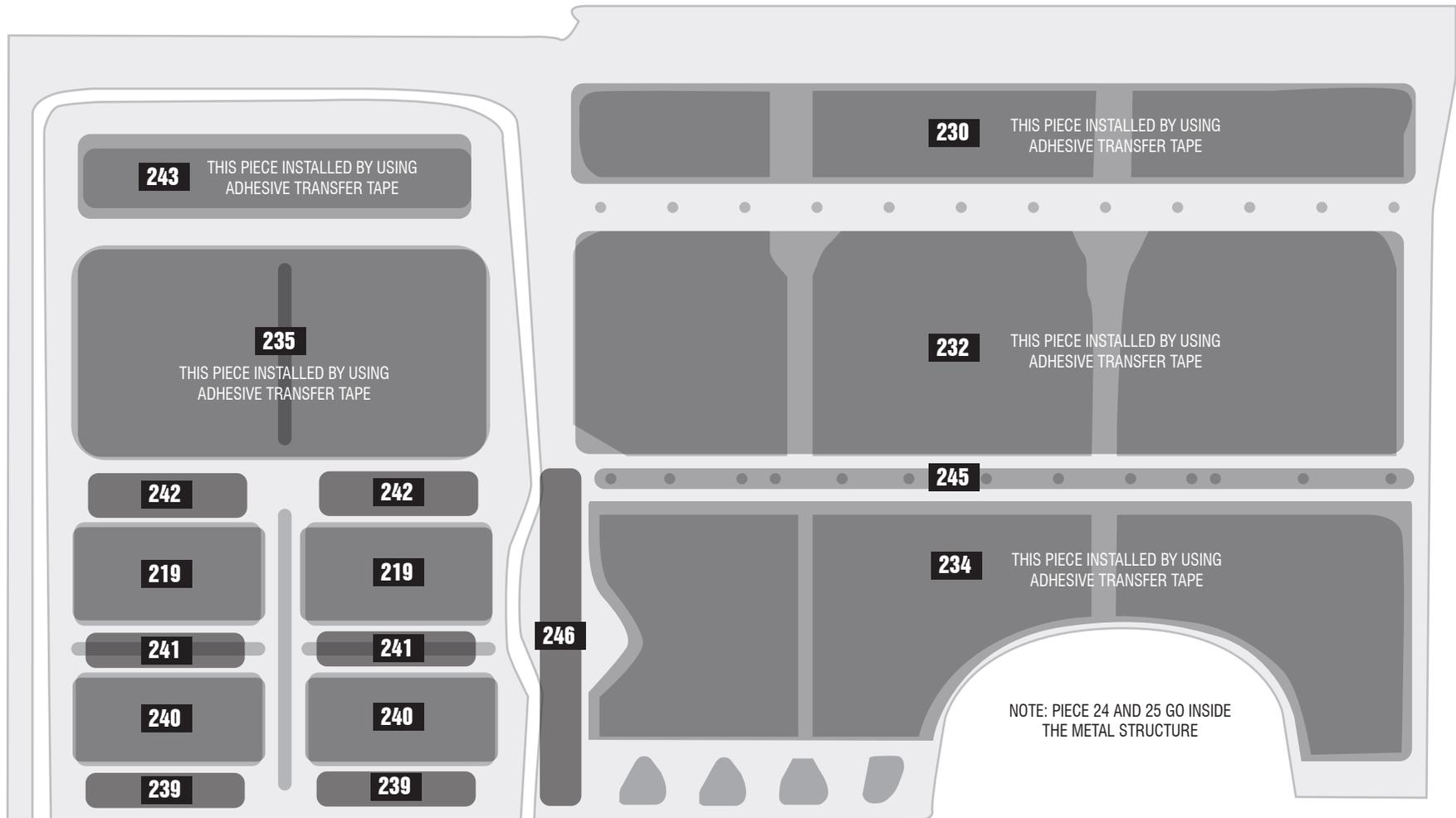
PASSENGER SIDE

AS VIEWED FROM INSIDE OF VAN

FRONT OF VEHICLE

ROOF

REAR OF VEHICLE



NOTE: PIECES 21, 19 AND 17 GO INSIDE THE METAL DOOR STRUCTURE

FLOOR

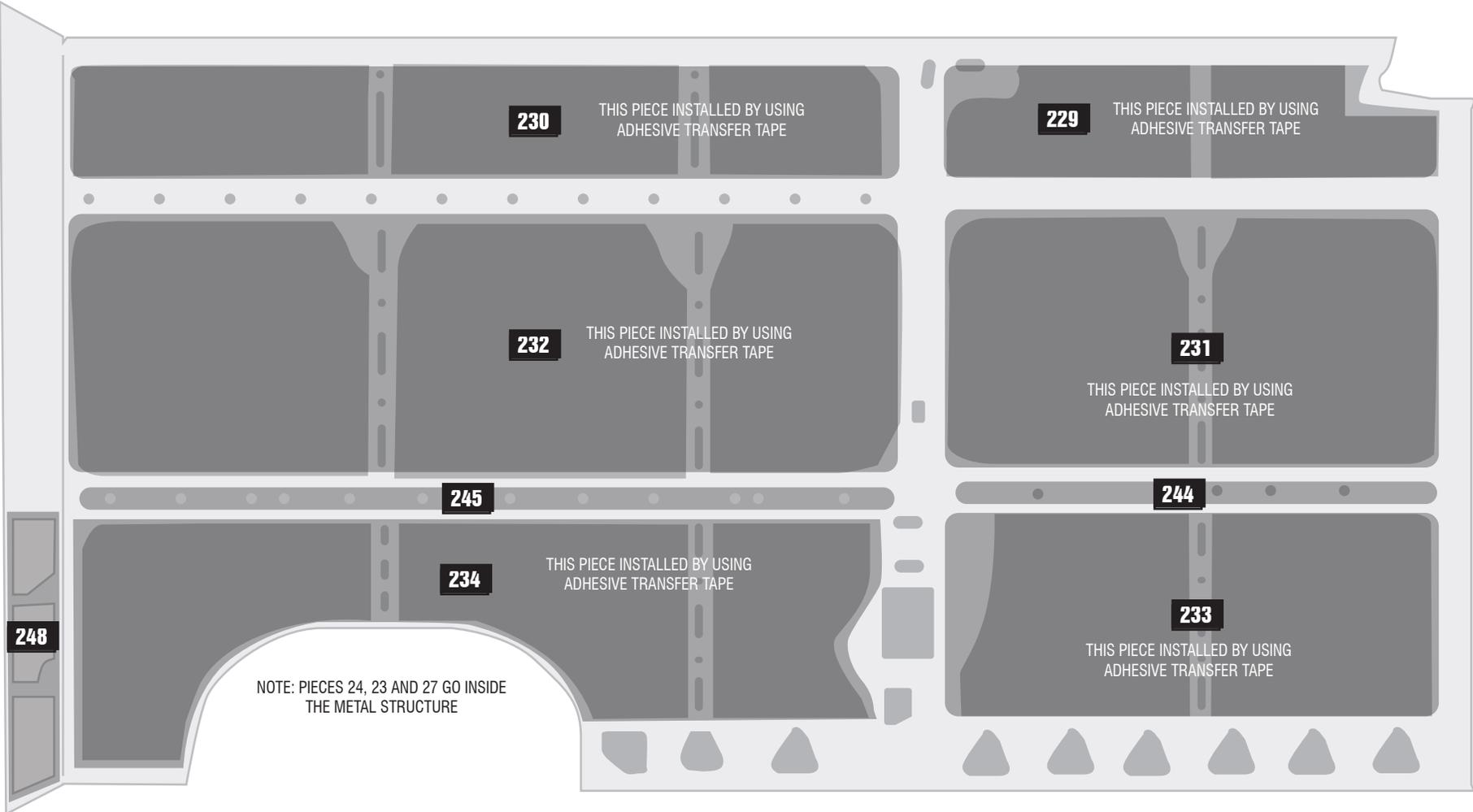
DRIVER SIDE

AS VIEWED FROM INSIDE OF VAN

← REAR OF VEHICLE

ROOF

FRONT OF VEHICLE →



NOTE: PIECES 24, 23 AND 27 GO INSIDE THE METAL STRUCTURE

FLOOR

ROOF

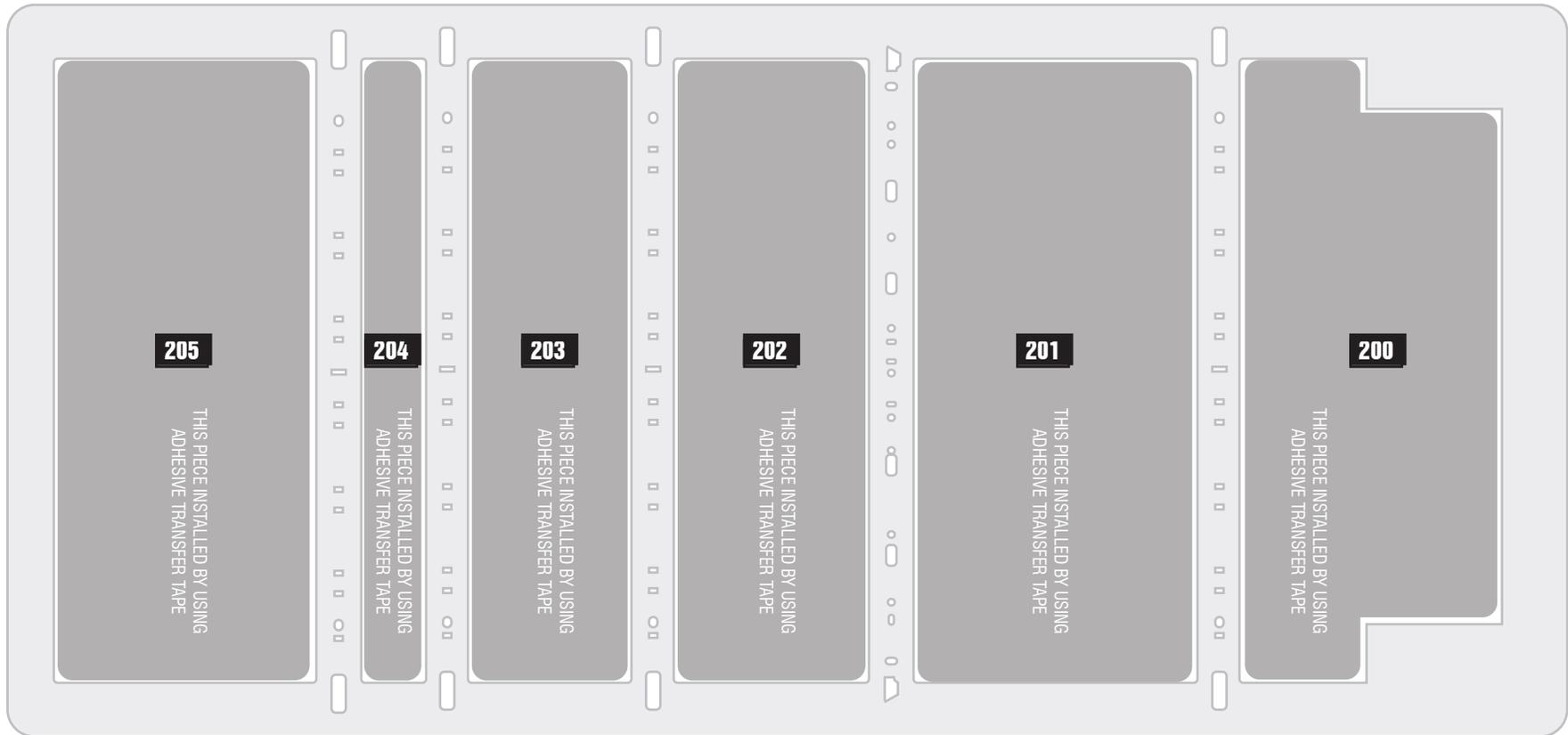
ALL OVERHEAD PIECES USE ADHESIVE TRANSFER TAPE FOR INSTALLATION

← REAR OF VEHICLE

FRONT OF VEHICLE →

PASSENGER SIDE

REAR DOORS



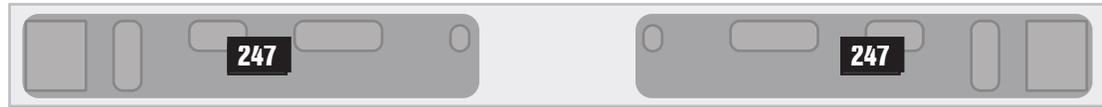
DRIVER SIDE

REAR DOORS

PLACEMENT OF INSULATION

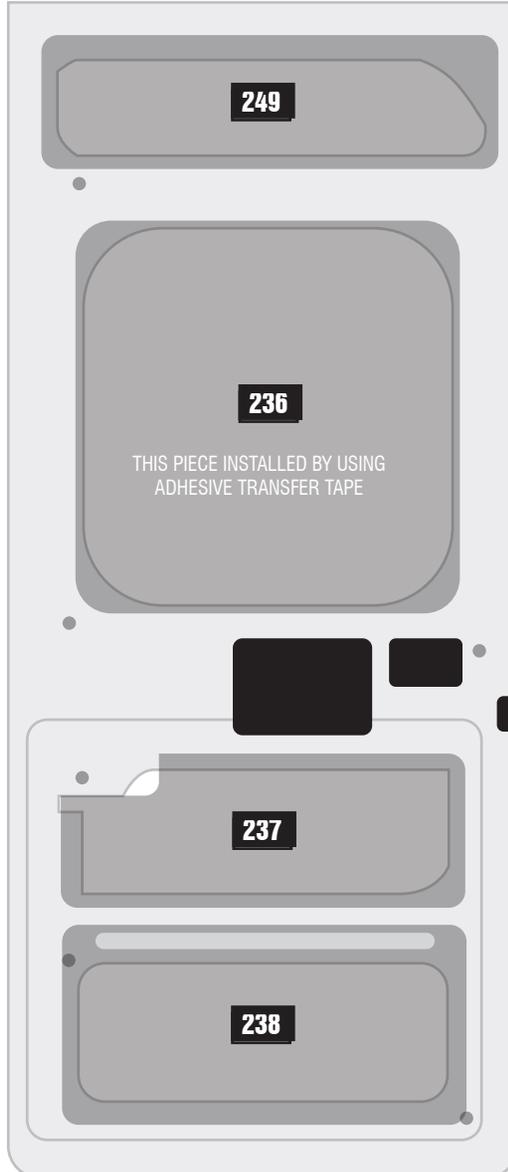
REAR BULKHEAD ABOVE DOORS

PIECE 26 GOES INSIDE METAL
FRAME STRUCTURE



PASSENGER SIDE

AS VIEWED FROM
INSIDE VAN WITH
DOORS CLOSED



DRIVER SIDE

AS VIEWED FROM
INSIDE VAN WITH
DOORS CLOSED

