

REAR DOOR CARRIER

Mercedes-benz Sprinter
passenger side

BUILT FOR ADVENTURE.
ENGINEERED FOR STRENGTH.

INSTALL TIME
1-2 HOURS

RECOMMENDED
2 PEOPLE

REQUIRES ELECTRIC
DRILL OPERATION

BEFORE YOU BEGIN

IMPORTANT SAFETY INFORMATION

- Please read all instructions carefully before installation.
- Before starting, please ensure that all parts are in place.
- Improper installation may result in vehicle damage or personal injury.
- Before each trip, check all installation points and fasteners.
- If you are not familiar with vehicle modifications, it is recommended to have a professional install it.

COMPATIBILITY

COMPATIBLE WITH:

√ Mercedes-Benz Sprinter

√ 2019+Models

√ 180°Rear Door Hinges

NOT COMPATIBLE WITH

✕ Factory 270° Hinges

Vehicles equipped with 270° hinges must be converted to 180° hinges before installation

PACKAGE CONTENTS

(Before installation, please check that all accessories in the packaging are complete.)



A1

QTY 2



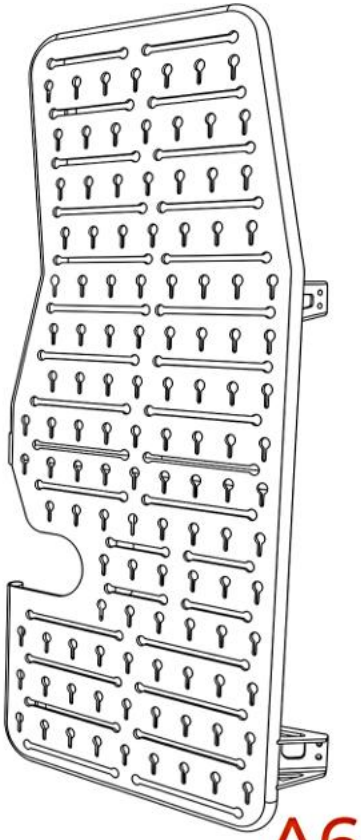
A2



A3



A4

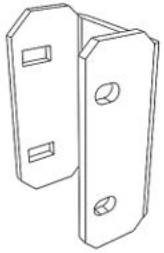


A6

QTY 2

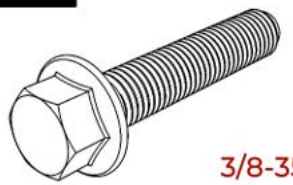


A5



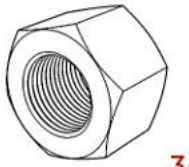
A7

QTY 4



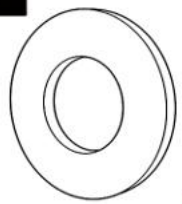
3/8-35
Hex
Flange Screws

QTY 4



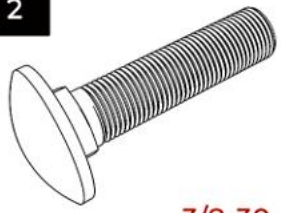
3/8
Locknut

QTY 6



3/8
Flat Washers

QTY 2



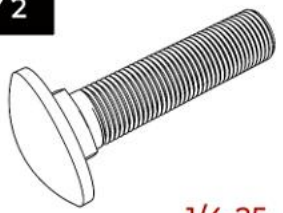
3/8-30
Carriage Bolts

QTY 2



3/8
Flange Nuts

QTY 2



1/4-25
Carriage Bolts

QTY 2



1/4
Flange Nuts

QTY 6



5/16-25
Carriage Bolts

QTY 6



5/16
Flange Nuts

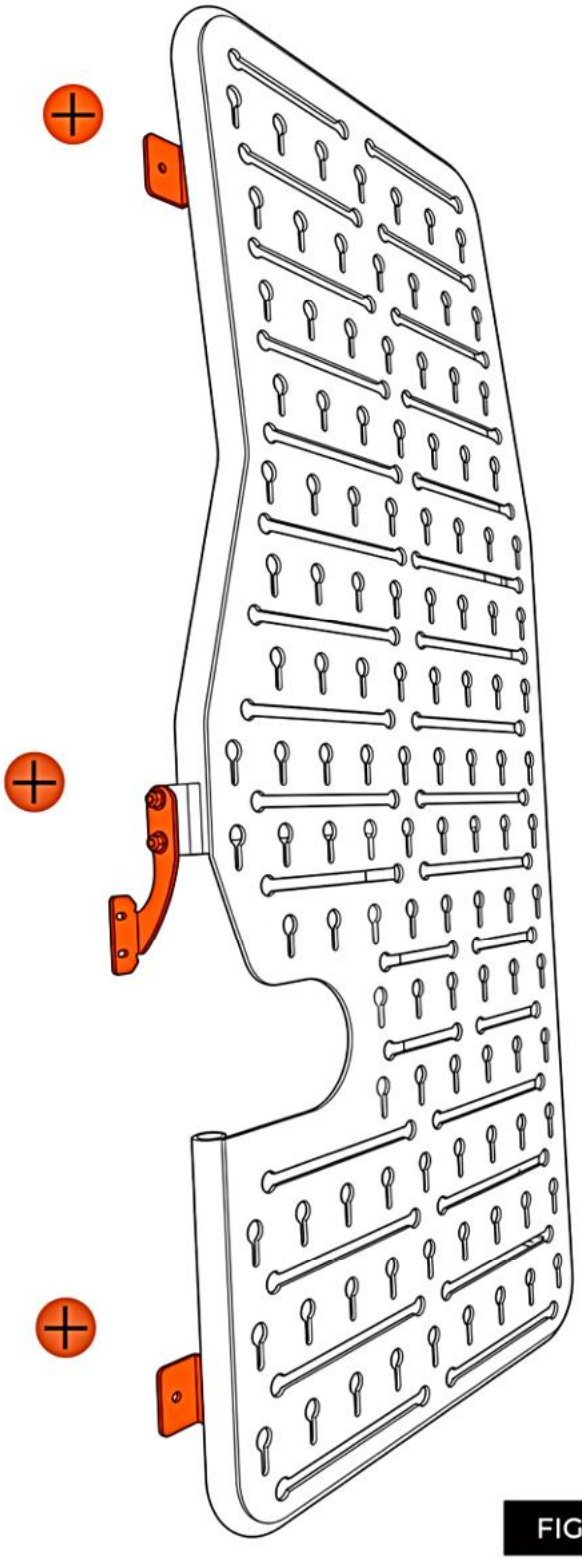


FIG 1

01

Before installing the product onto the rear door of the van, first install A1 and the two A2 onto the main body A6.

1.1

Use 5/16-18 Carriage Bolts and 5/16 Flange Nuts to secure the a1 link to the A6.

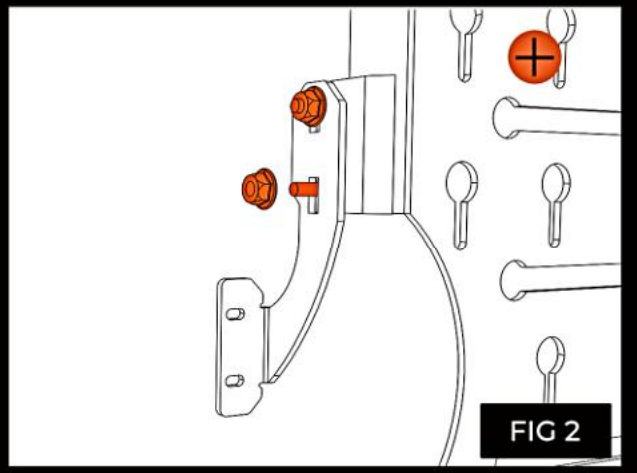


FIG 2

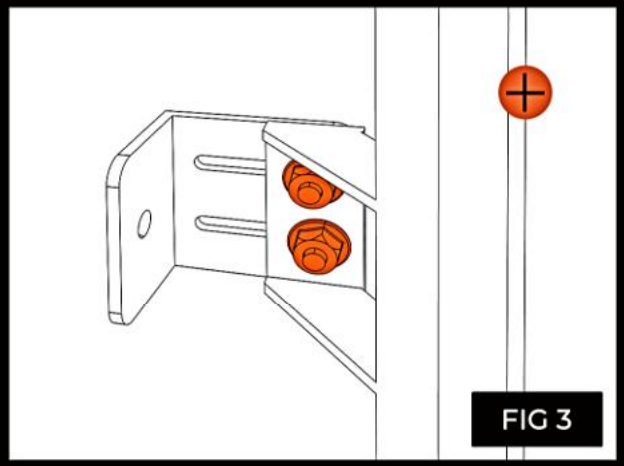


FIG 3

1.2

Use 5/16-18 Carriage Bolts and 5/16 Flange Nuts to connect and secure the two A2 to the A6.

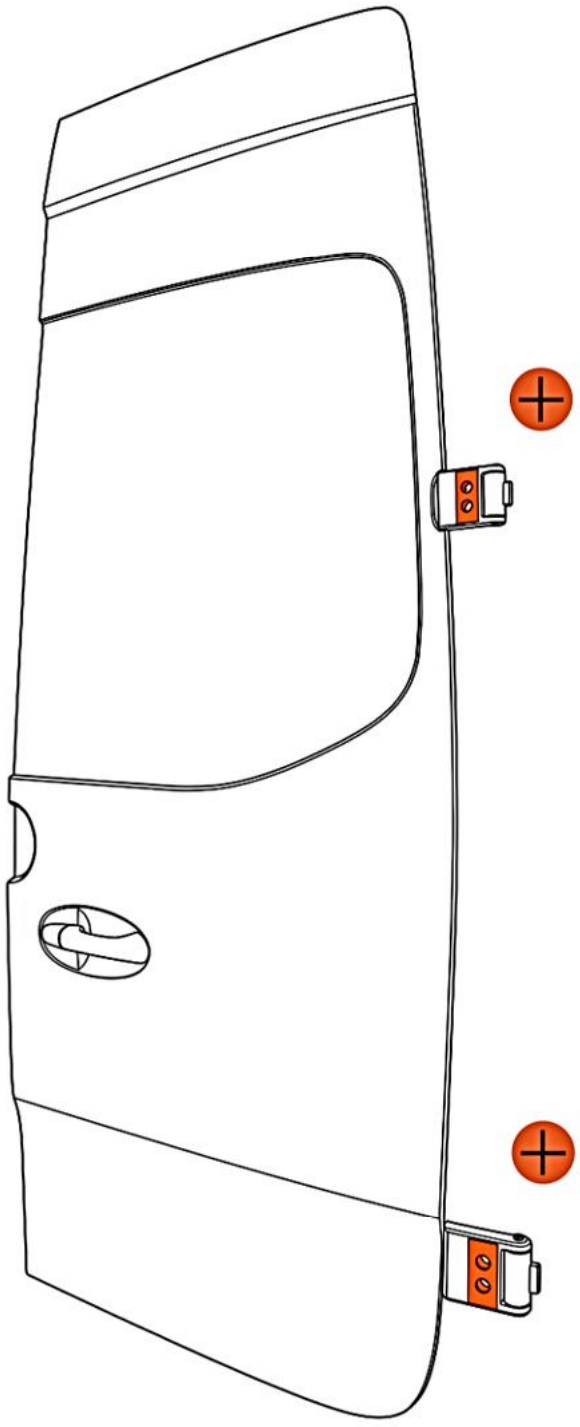


FIG 4

02

Attach the assembled product to the rear door of the caravan.
(Please note that during this installation process, the screws do not need to be fully tightened.)

2.1

Remove the Mercedes logo from the right rear door of the caravan (make sure to keep the removed screws intact as they will be needed later).

2.2

Install the rubber gasket onto the two hinges of the right tailgate.
(Align with the holes.)

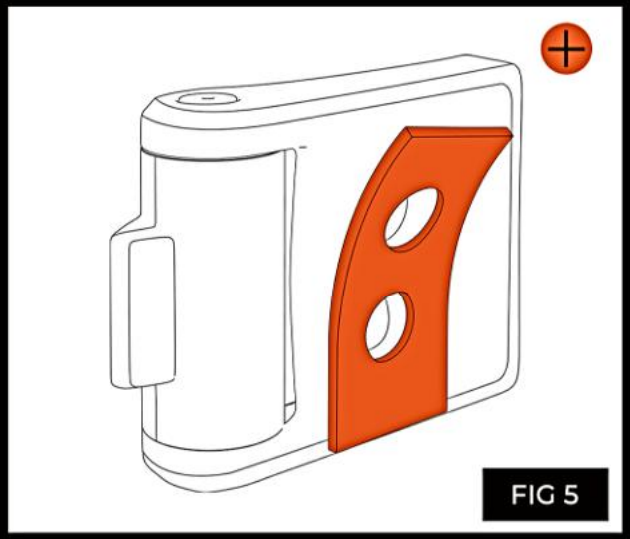


FIG 5

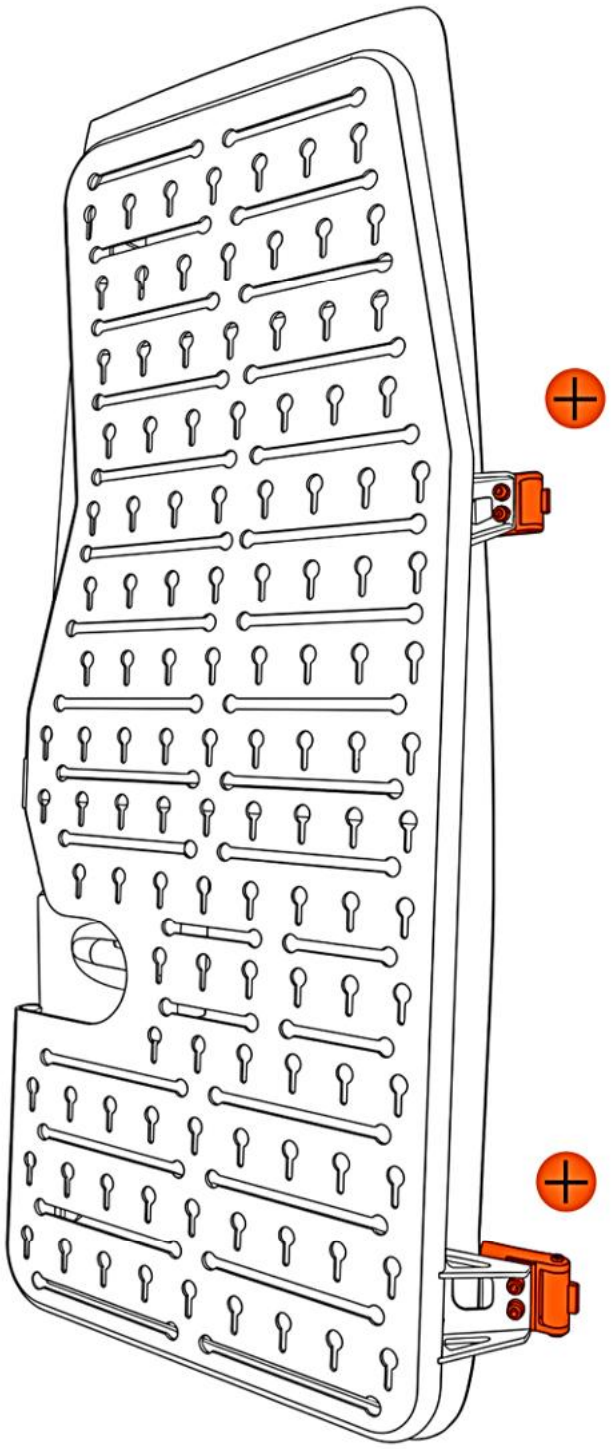


FIG 6

2.3

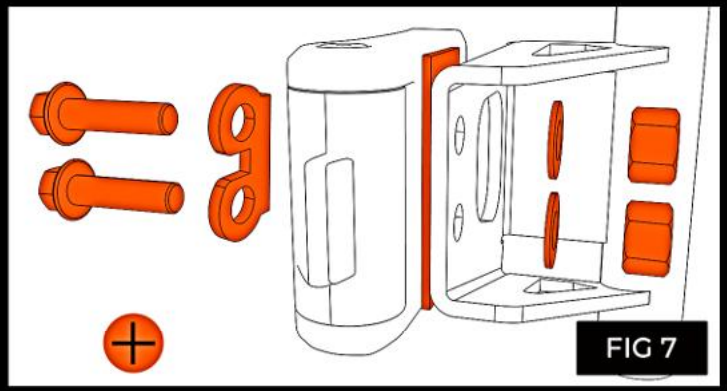


FIG 7

Use 3/8 - 35 Hex Flange Screws, 3/8 Locknuts, 3/8 Flat Washers and A3 to fix the right upper side of the product body to the left upper side of the vehicle tail by means of a hinge connection.

2.4

Use 3/8 - 35 Hex Flange Screws, 3/8 Locknuts, 3/8 Flat Washers and A4 to fix the right lower side of the product body to the left lower side of the vehicle tail by means of a hinge connection.

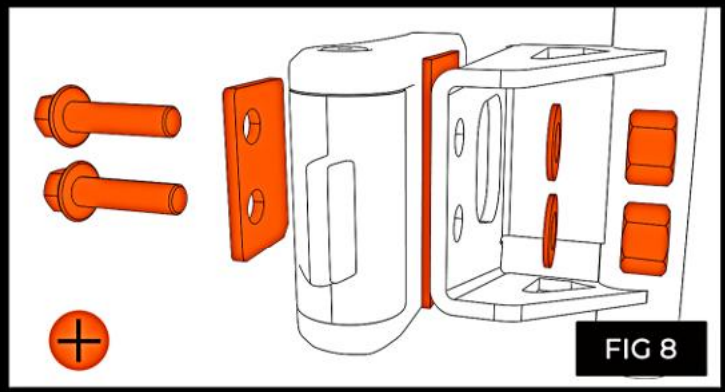


FIG 8

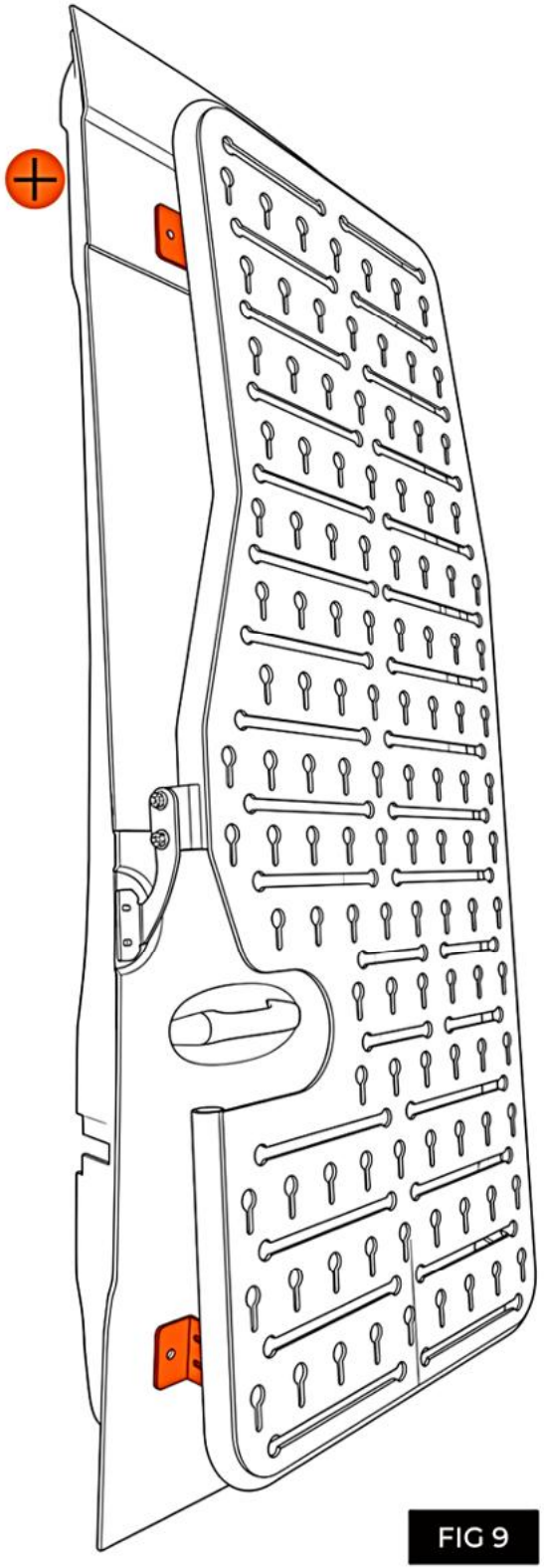


FIG 9

03

After positioning the product correctly on the van's tailgate, use a marker to draw the holes that need to be drilled in the next step on the tailgate.

(Note that you should first ensure that the product is placed correctly, and then adjust a1 and A2 on the left side of the product so that they can fit properly against the tailgate surface.)

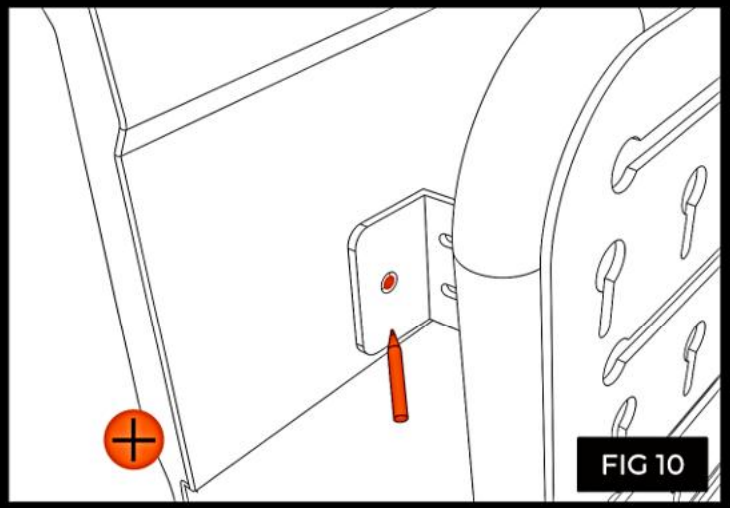


FIG 10

3.1

Use a marker to mark the location on the tailgate where you need to drill a hole, passing through a hole on the top A1 of the product.

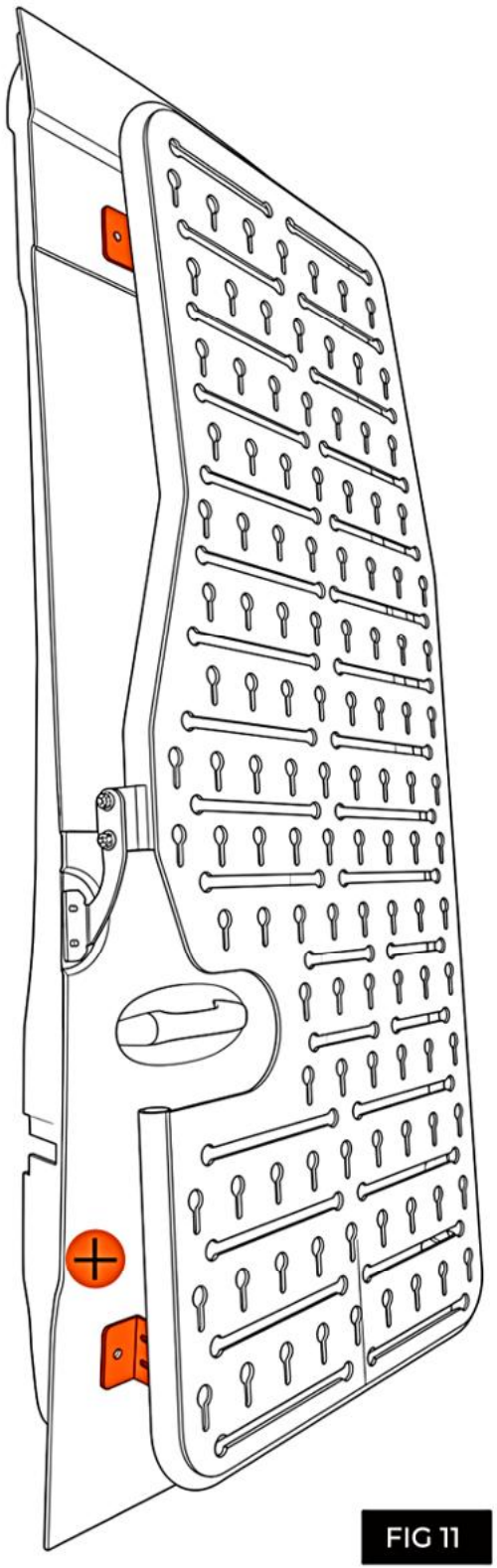


FIG 11

03

After positioning the product correctly on the van's tailgate, use a marker to draw the holes that need to be drilled in the next step on the tailgate.

(Note that you should first ensure that the product is placed correctly, and then adjust a1 and A2 on the left side of the product so that they can fit properly against the tailgate surface.)

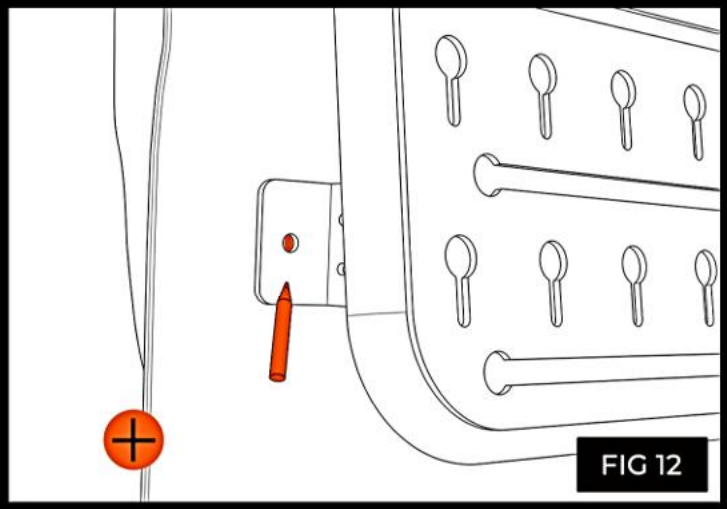


FIG 12

3.2

Use a marker to mark the location on the tailgate where you need to drill a hole, passing through a hole on the bottom A1 of the product.

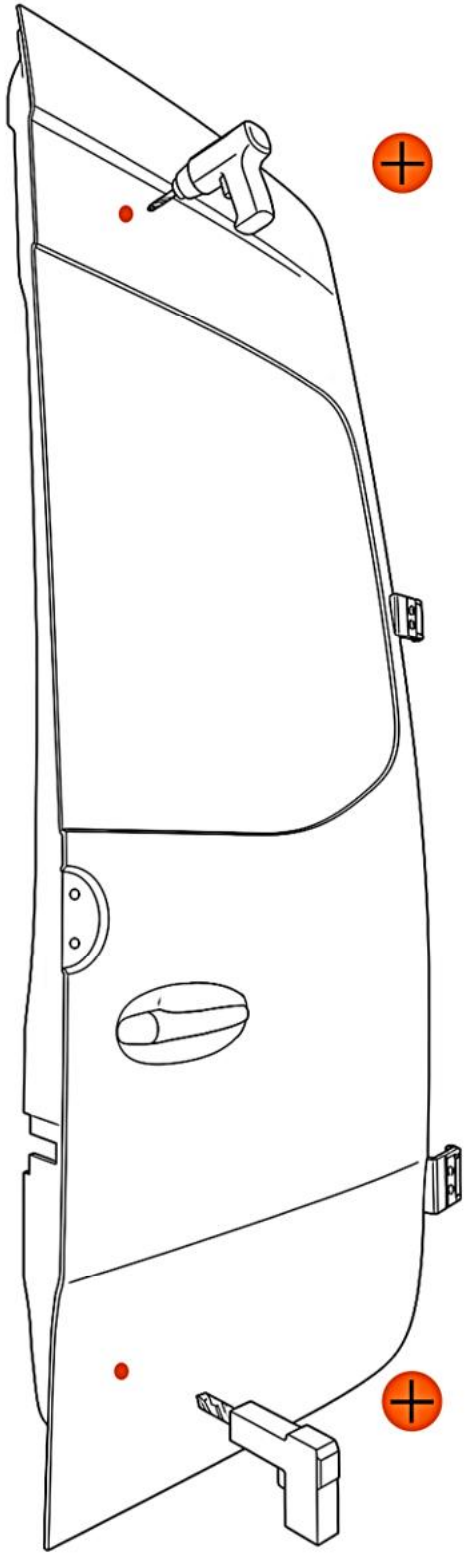


FIG 13

04

First, use an electric drill to make a hole at the marked points identified in the previous step. Then, follow the above steps to reinstall the product main body onto the vehicle, and firmly fix the left side of the product main body in the corresponding position of the caravan.

4.1

Remove the product body from the rear door of the vehicle.

4.2

Use a 25/64" drill bit to drill the connection hole for connecting A2.

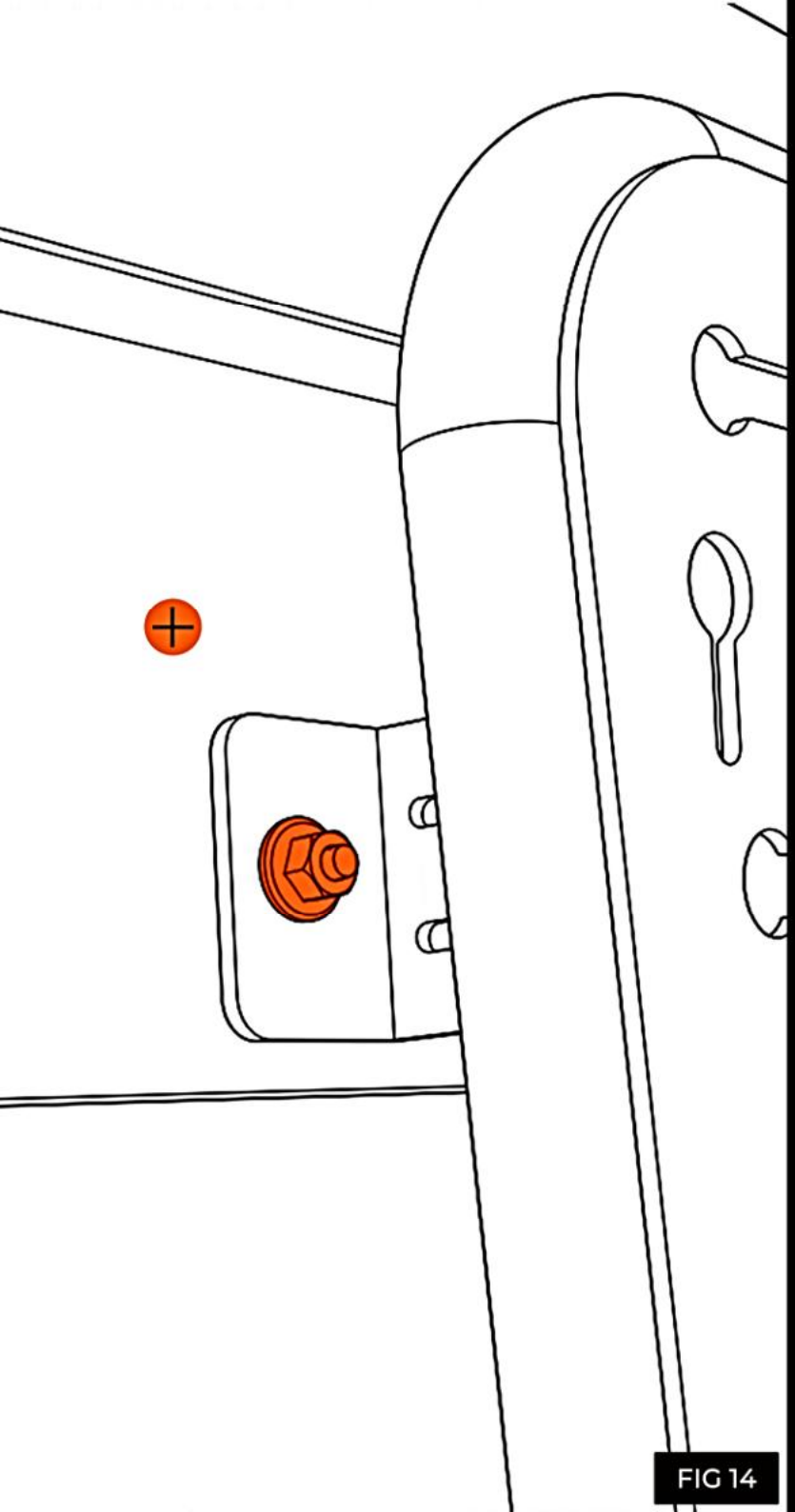


FIG 14

4.3

Using 3/8 - 30 Carriage Bolts, 3/8 Flange Nuts, 3/8 Flat Washers, and part A5, fix the upper left corner of the product to the rear door of the caravan.

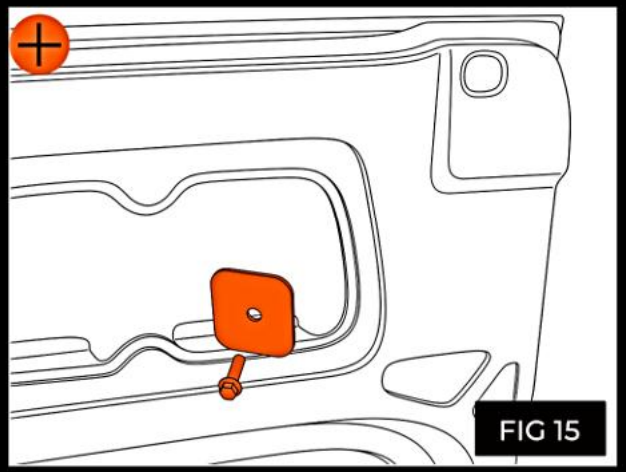


FIG 15

First, remove the inner panel of the caravan tailgate. Then, insert the 3/8-30 Carriage Bolts and part A5 through the holes made in the previous step and connect them to the nuts on the outside of the tailgate.

The positional relationship between the parts and the screws is shown in the figure.

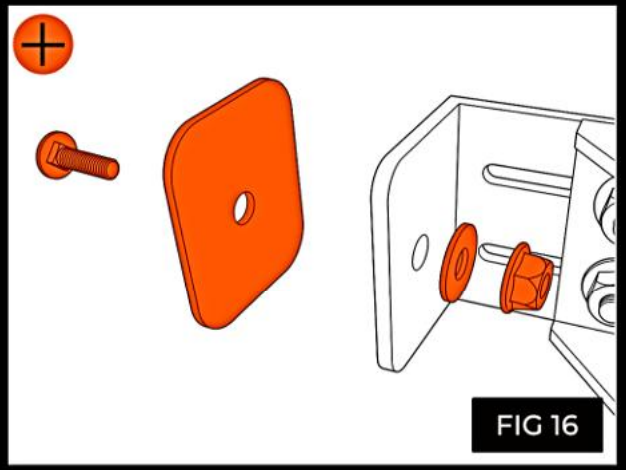


FIG 16

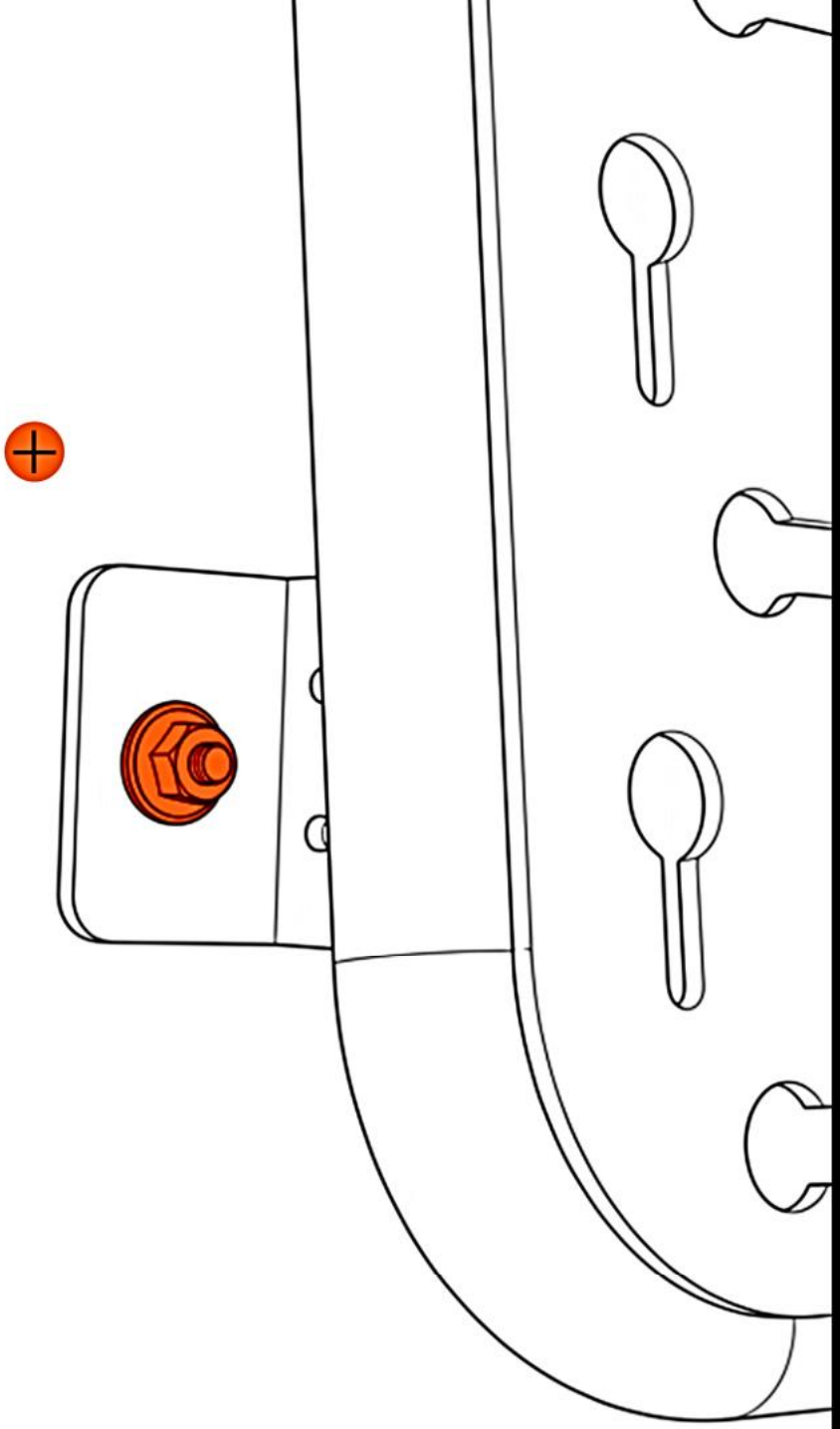


FIG 17

4.4

Using 3/8 - 30 Carriage Bolts, 3/8 Flange Nuts, 3/8 Flat Washers, and part A5, fix the lower left corner of the product to the rear door of the caravan.

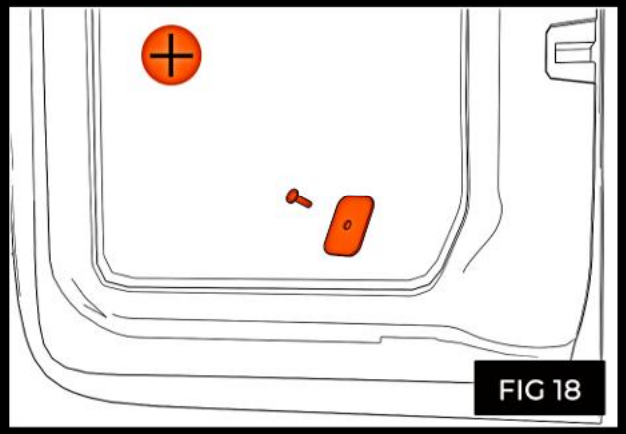


FIG 18

First, remove the inner panel of the caravan tailgate. Then, insert the 3/8-30 Carriage Bolts and part A5 through the holes made in the previous step and connect them to the nuts on the outside of the tailgate.

The positional relationship between the parts and the screws is shown in the figure.

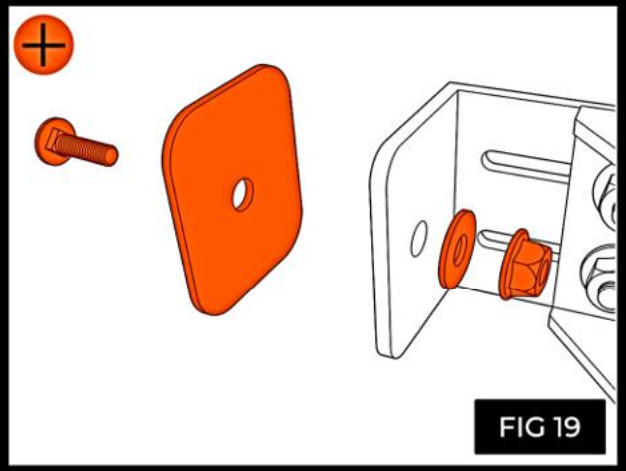


FIG 19

FIG 20

4.5

Use 1/4 - 25 Carriage Bolts and 1/4 Flange Nuts

Fix parts A1 and A7 on the rear door of the caravan. The fixed positions should be the same as the original vehicle's positions for fixing the vehicle logo.

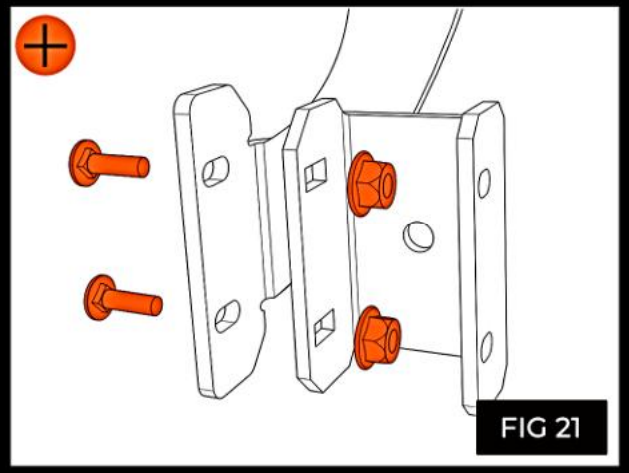


FIG 21

The positional relationship between the parts and the screws is shown in the figure.

4.6

Fix the van logo onto part A7 using the original screws.



NEED HELP?

support team:

support@vanncamp.com

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and share your adventures!