



INSTALLATION GUIDE

TRANSIT TRAIL NUDGE BAR

TR1108B



TOOLS REQUIRED (NOT INCLUDED)

- + RATCHET
- + 13MM SOCKET
- + 5/32" ALLEN WRENCH
- + PHILLIPS HEAD SCREWDRIVER
- + POWER DRILL
- + RIVET NUT TOOL
- + 1/4" MANDREL
- + 25/64" DRILL BIT

INSTALL INFO

TIME TO INSTALL THIS PRODUCT: 30 MINUTES

Additional help is suggested for a few of the install steps.

BEFORE YOU START

Please inspect the product and packaging upon delivery to ensure there are no issues and that all parts and hardware are accounted for.

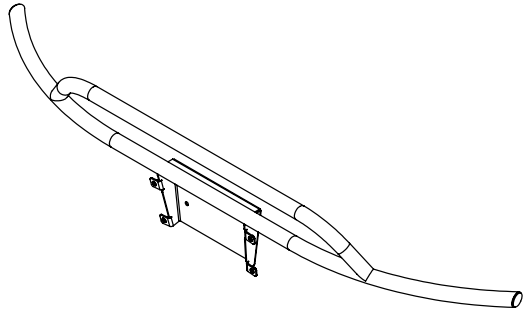
Contact us ASAP if anything is missing at:
support@flatlinevanco.com

BEFORE YOU START

All Flatline Van Co products must be properly assembled and secured before attaching to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others involved. You are responsible for assembling and securing Flatline Van Co products to your vehicle, checking the mounting points and attachments prior to use, and regularly inspecting the products for wear and or damage. We always recommend you use a professional to install any aftermarket accessories to your vehicle. If you have no mechanical experience and are not thoroughly familiar with the installation procedures, you must have the product installed by a professional installer or other qualified persons. The responsibility is yours and must be taken seriously for everyone's safety.

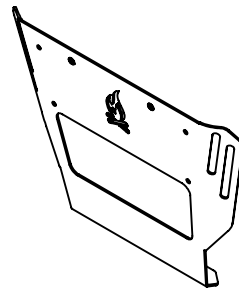


PACKAGE CONTENTS



TRANSIT TRAIL NUDGE BAR

QTY: 1



FRONT PLATE

QTY: 1

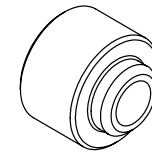
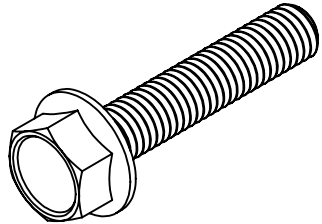


PLATE SPACER

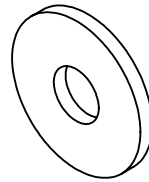
QTY: 2

HARDWARE



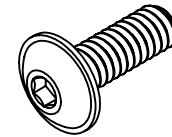
M8-1.25 X 40 FLANGED HEX HEAD SCREW

QTY: 2



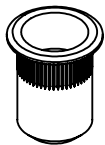
M8 OVERSIZED FLAT WASHER

QTY: 2



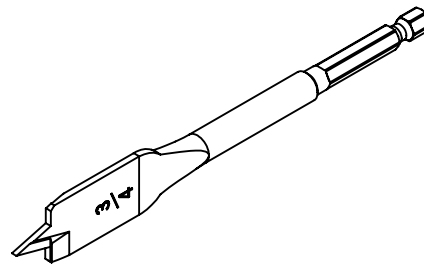
1/4-20 X 0.75 FLANGED BUTTON HEAD HEX
DRIVE SCREW HEAD SCREW

QTY: 8



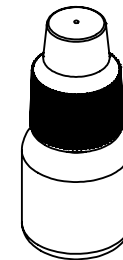
1/4-20 THK HEAVY DUTY RIVET NUT

QTY: 2



3/4" FLAT BLADE DRILL BIT

QTY: 1



THREADLOCKER

QTY: 1

STEP | 01 LAYOUT AND INSTALL PREP

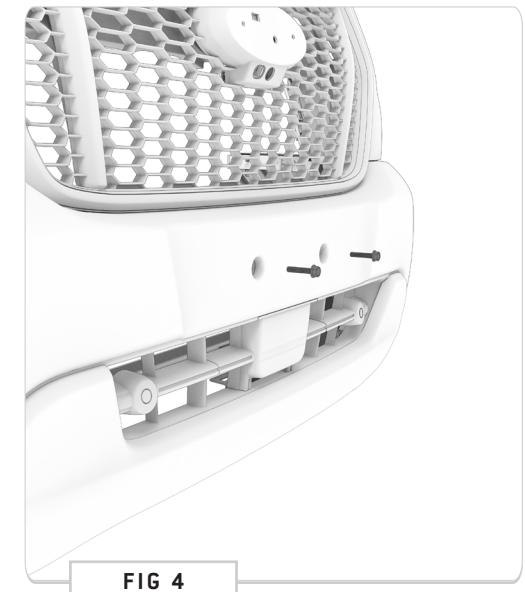
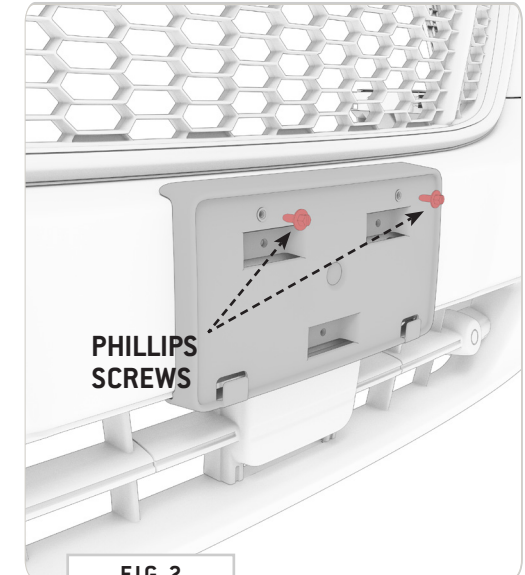
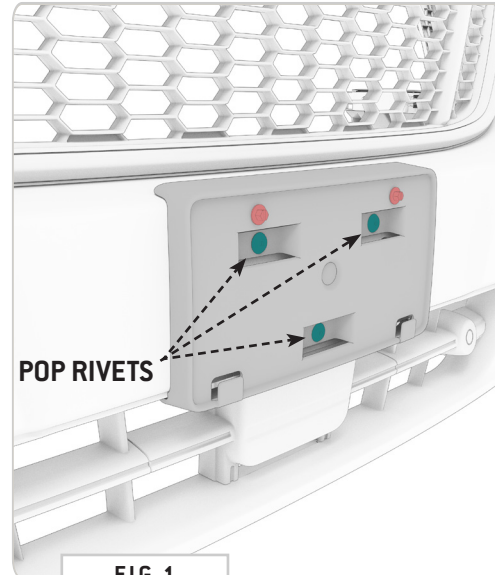
1.1 Remove Factory License Plate Cover: The first step is to remove the factory screws and/or pop rivets that hold the license plate cover to your bumper (FIG 1+2). If attached with just Phillips Drive screws, use a Phillips Screwdriver to remove them. If held on with Pop Rivets in addition to screws, drill out the rivets to remove the cover.

1.2 Remove Factory Screws Behind License Plate Mount: Use a 13mm Socket to remove the factory bolts behind the License Plate Mount (FIG 3+4).

NOTE - It is recommended to clean the area behind the *License Plate Mount* at this time.

TOOLS REQUIRED FOR THIS STEP:

- + RATCHET
- + 13MM SOCKET
- + LOCTITE
- + POWER DRILL



STEP | 02 INSTALL NUDGE BAR

2.1 Attaching the Nudge Bar: Gather the **Nudge Bar**, **M8-1.25 x 40 Flanged Hex Head Screws**, **M8 Flat Washers**, and **Plate Spacers** (FIG 5+6).

2.2 Position the Nudge bar on the Bumper: Hold the hardware in place as you position the **Nudge Bar** on the bumper. Finger tighten the hardware into the factory holes to hold it in place (FIG 7).

NOTE - Apply some blue **Loctite** on the **M8 Bolts** before threading them into the bumper.

2.3 Tighten Fasteners: Tighten the bolts down to secure the **Nudge Bar** to the bumper using a **13MM Socket** (FIG 8).

TOOLS REQUIRED FOR THIS STEP:

- + RATCHET
- + 13MM SOCKET
- + LOCTITE

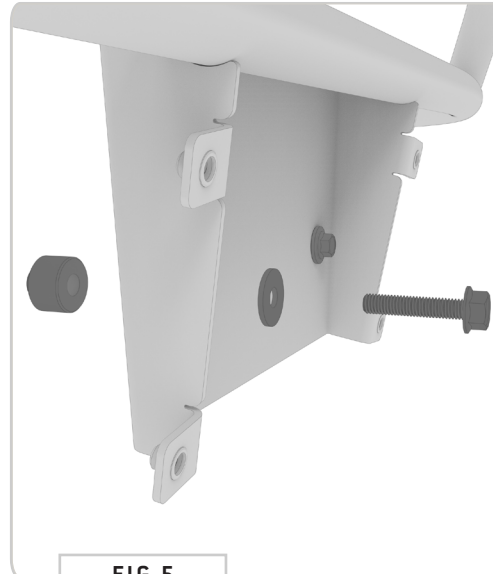


FIG 5

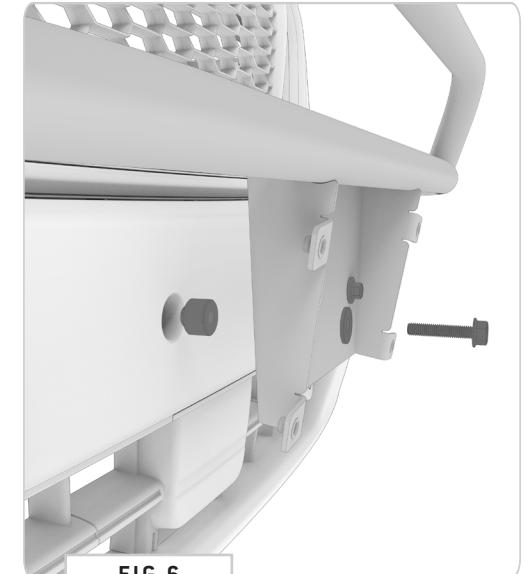


FIG 6

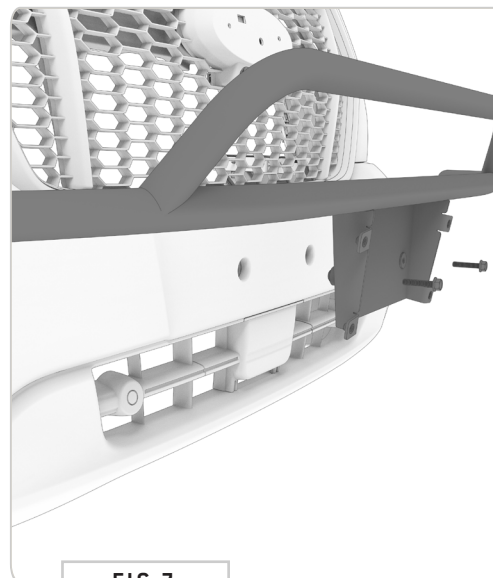


FIG 7

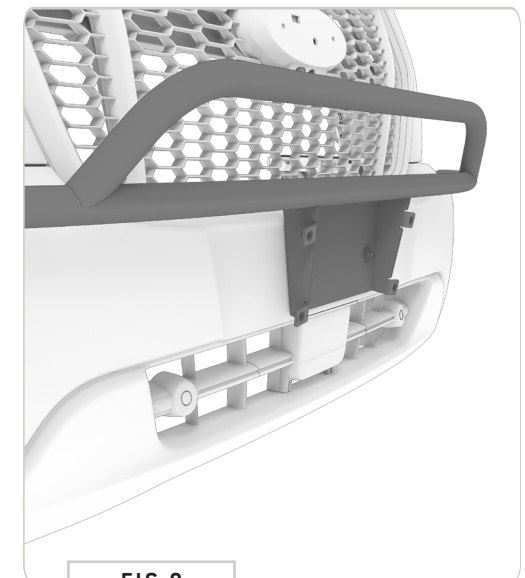


FIG 8

STEP | 03 INSTALL FRONT PLATE

3.1 Dry Fit Front Plate: Loosely attach the **Front Plate** to the **Nudge Bar Front Weldment** using two **1/4-20 x 0.75 Flanged Button Head Screws** (FIG 9+10).

3.2 Mark for Installing Rivet Nuts: Hold the **Front Plate** tight against the bumper, ensuring it is centered, then mark the bumper for drilling with a sharpie (FIG 11).

3.3 Drill for Installing Rivet Nuts: Drill through the plastic and first layer of sheet metal of your Bumper with a **25/64" Drill Bit**. Use included **Flat Blade Drill Bit** to create larger hole in the plastic.

3.4 Installing Rivet Nuts: Use a **Rivet Nut Tool** and **1/4" Mandrel** to install the included **Rivet Nuts** in place (FIG 12).

NOTE - We recommend using a *pneumatic or electric drill adapter rivet nut tool* for this, although a *manual rivet nut tool* can work if you have enough ground clearance. We like the *Astro Tools ADN38 XL model* for a drill adapter.

TOOLS REQUIRED FOR THIS STEP:

- + 5/32" ALLEN WRENCH
- + 3/4" FLAT BLADE DRILL BIT
- + POWER DRILL
- + RIVET NUT TOOL
- + 1/4" MANDREL
- + 25/64" DRILL BIT

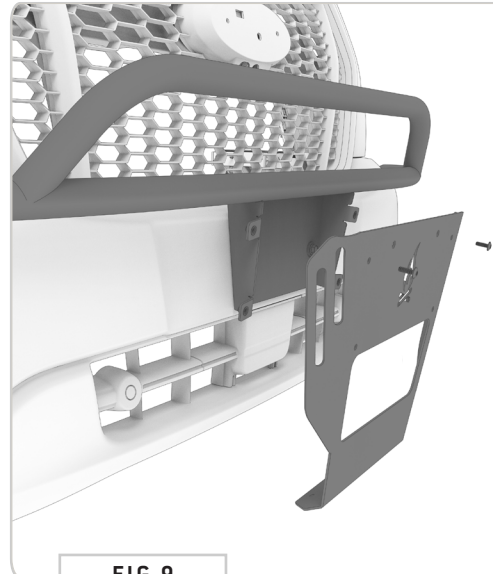


FIG 9

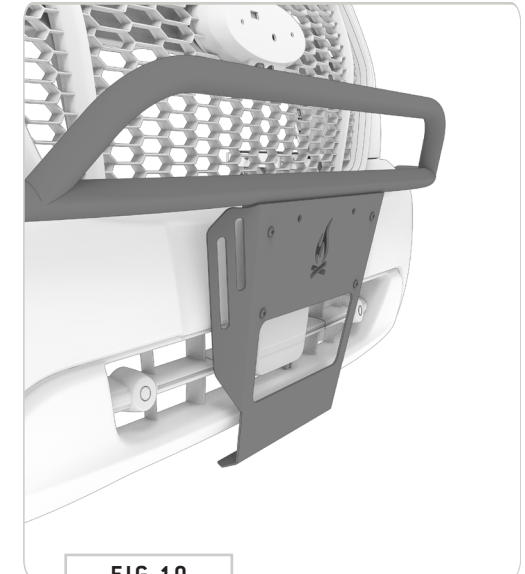


FIG 10



FIG 11



FIG 12

TOOLS REQUIRED FOR THIS STEP: + LOCTITE
+ 5/32" ALLEN WRENCH

STEP | 03 INSTALL FRONT PLATE

3.5 Attach Front Plate: Install Front Plate to Nudge Bar weldment and Rivet Nuts using 1/4-20 x 0.75 Button Head Screws and Loctite (FIG 13+14).

3.6 Attach License Plate (if applicable): If you wish to run your license plate on the front, install using the provided 1/4-20 Screws and Loctite (FIG 15+16).

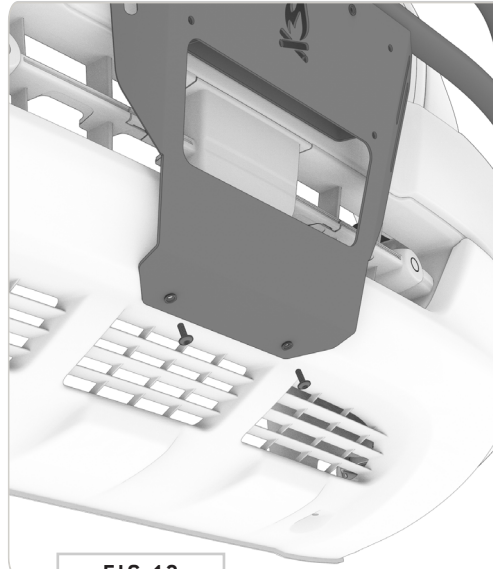


FIG 13



FIG 14

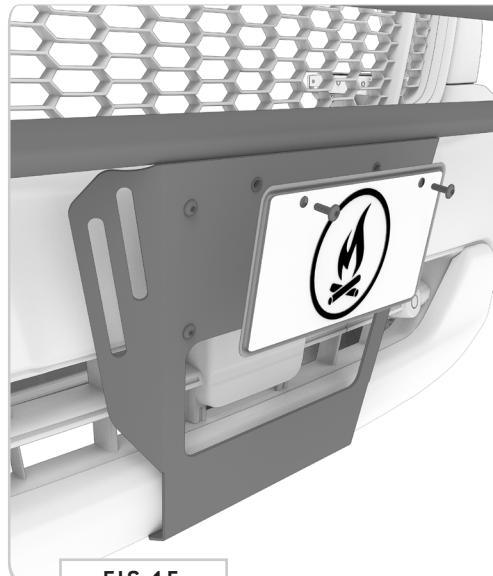


FIG 15

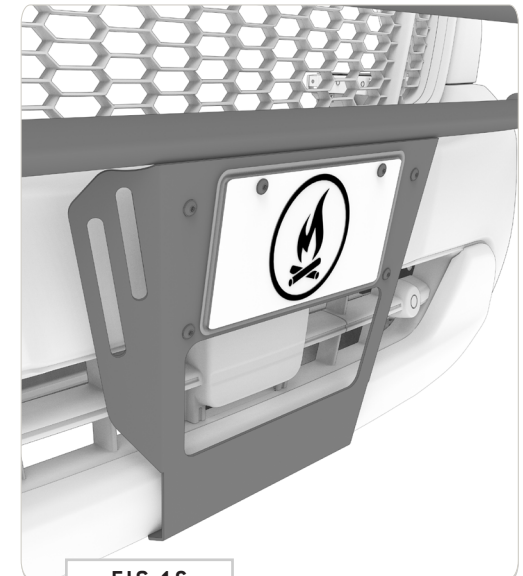


FIG 16

GET OUT AND EXPLORE!

+ LEAVE US A REVIEW

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+ SHARE YOUR PICS

We love seeing how our customers use their FVC products and following along with your adventures. Tag us in your photos with: @flatlinevanco or send them to us via email. We love posting customer pictures in our feed!

+ NEED ANY HELP?

If you are having any issues with your product, please reach out, and we will make it right. FVC is a company of van and outdoor enthusiasts that design and use our own products, so we want you to be as stoked on your new parts as we are!



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