

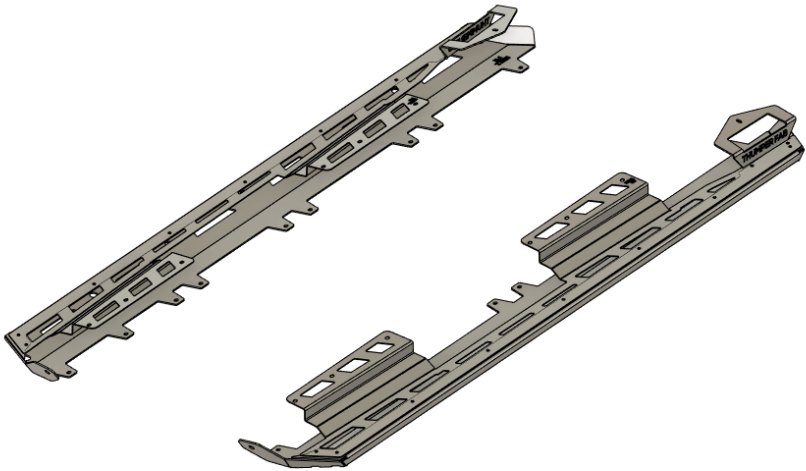


THUMPER FAB

Aluminum Audio Roofs ♦ Roll Cages ♦ UTV Accessories

Can-Am Defender HD11 Elite Boxed Nerf Rails (Crew and 3-Seat)

SKU: TF290701 & TF290703



Thumper Fab

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Customer Service: 903-472-0928

www.thumperfab.com

Ver. 0126

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PARTS

REF	QTY	DESCRIPTION
1	1	Top Body - Driver
2	1	Top Body - Passenger
3	1	Bottom Body - Driver
4	1	Bottom Body - Passenger
5	2	Rear Mount Brackets
CREW - HARDWARE KIT		
A	2	M6 Flat Washer
B	20	M6 Flange Nylon Lock Nut
C	20	M6x20mm Button Flange Screw
D	20	M6x30mm Button Flange Screw
3 SEAT - HARDWARE KIT		
A	2	M6 Flat Washer
B	12	M6 Flange Nylon Lock Nut
C	12	M6x20mm Button Flange Screw
D	10	M6x30mm Button Flange Screw

TOOLS

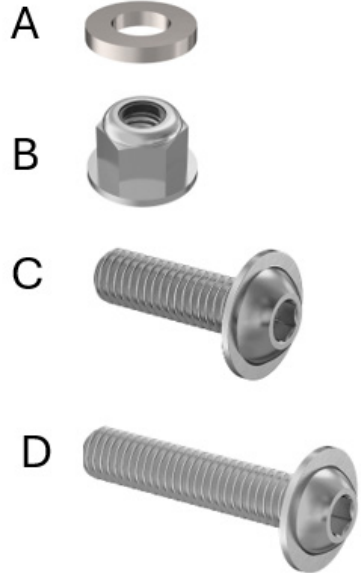
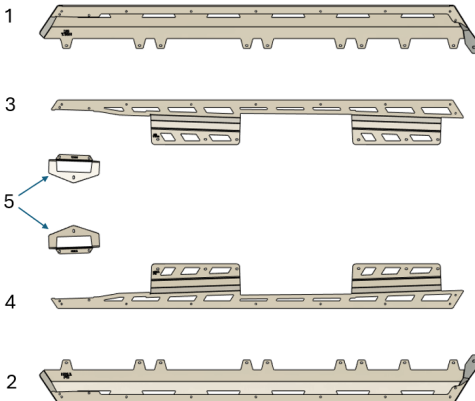
- T30 Torx
- T40 Torx
- 4mm Allen Wrench
- 10mm Socket

Torque Specs:

SIZE (STANDARD)	GRADE 5	GRADE 8	SIZE (METRIC)	CLASS 8.8	CLASS 10.9
5/16"	15 ft/lbs	20 ft/lbs	6MM	5 ft/lbs	9 ft/lbs
3/8"	30 ft/lbs	35 ft/lbs	8MM	18 ft/lbs	23 ft/lbs
7/16"	45 ft/lbs	60 ft/lbs	10MM	32 ft/lbs	45 ft/lbs
1/2"	65 ft/lbs	90 ft/lbs	12MM	55 ft/lbs	75 ft/lbs
9/16"	95 ft/lbs	130 ft/lbs	14MM	85 ft/lbs	120 ft/lbs
5/8"	135 ft/lbs	175 ft/lbs	16MM	130 ft/lbs	165 ft/lbs
3/4"	185 ft/lbs	280 ft/lbs	18MM	170 ft/lbs	240 ft/lbs

BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab** Nerf Rails, please see your nearest **Thumper Fab® Dealer** for installation.



INSTALLATION INSTRUCTIONS

Installation Preparation

This installation was completed on a HD11 Crew model but the install procedure is the same for a 3-seat model, just with less hardware being used. Begin by removing the OEM floor pan bolts using a T30 Torx and set aside for use during installation (**FIG 1**).

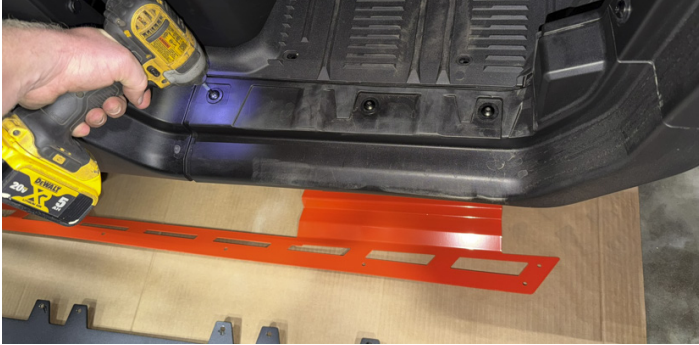


FIG 1 - Remove OEM floor pan bolts

Fasten the top body to the vehicle using the previously removed hardware. Use a T30 torx to gently tighten the hardware, do not fully tighten at this time (**FIG 2**).



FIG 2 - Mount the Top Body to the Vehicle

INSTALLATION INSTRUCTIONS

Installation

Remove the OEM fender well bolt using a T40 Torx and set aside as it will be reused during installation. Leave OEM spacer in the fender as the nerf rail lower body will rest against it once fully fastened to the vehicle (**FIG 3**).



FIG 3 - Remove the OEM fender well bolt

Use a 10mm socket to remove the 9 skid plate bolts (on each side) in preparation for mounting the bottom body of the nerf rail to the vehicle (**FIG 4**).

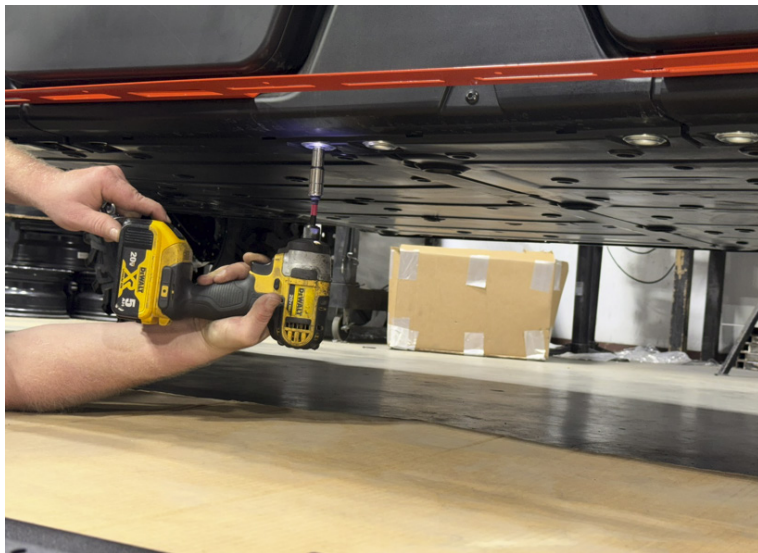


FIG 4 - Remove skid plate outer bolts

INSTALLATION INSTRUCTIONS

Installation

Loosely fasten the bottom body of the nerf rail to the underside of the vehicle using the M6x30mm button flange screws. Loosely tighten using the 4mm allen wrench, do not fully tighten (**FIG 5**).

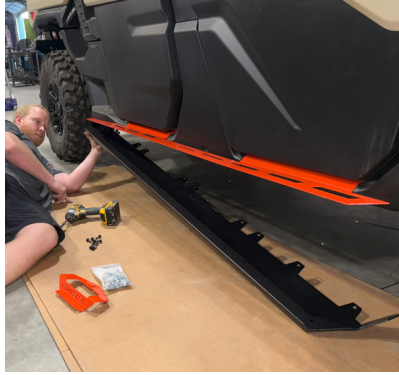


FIG 5 - Loosely mount bottom body to vehicle

Fasten the front end of the bottom body to the vehicle using the previously removed OEM M8 fastener. Loosely tighten using a T40 Torx (**FIG 6**).



FIG 6 - Fasten front of bottom body to vehicle

INSTALLATION INSTRUCTIONS

Installation

Loosley fasten the bottom body of the nerf rail to the top body using the M6x20mm button flange screws and M6 flange nylon lock nuts. Do not install rear 3 most fasteners at this time. Loosley tighten using a 10mm socket and a 4mm allen wrench (**FIG 7**).



FIG 7 - Fasten nerf rail top and bottom bodies together

Use a T30 torx to remove the OEM fastener located at the rear of the vehicle (**FIG 8**).



FIG 8 - Remove OEM fastener from rear quarter panel

INSTALLATION INSTRUCTIONS

Installation

Insert the rear mount bracket under the top body of the nerf rail and fasten to the vehicle using an M6x30mm button flange screw and M6 flat washer. Loosely tighten using a 4mm allen wrench (**FIG 9**).



FIG 9 - Fasten rear mount bracket to vehicle

Install the remaining 3 rear fasteners that hold the top and bottom bodies of nerf rail together and tighten all hardware (**FIG 10**).



FIG 10 - Install the remaining fasteners and tighten all hardware

INSTALLATION INSTRUCTIONS

PRODUCT DISCLAIMER

The installation of products sold or manufactured by Thumper Fabrication, LLC (Thumper Fab) including, but not limited to suspension components such as lift kits, audio roofs, roll cages, frame stiffener kits, and tires that exceed the original specifications for the vehicle, may change the vehicle's center of gravity and handling characteristics both on- and off-road. You are aware that the installation of tires that are larger than original vehicle specifications may reduce the effectiveness of the braking system. Use of these products may place added stress to the original factory vehicle components which could cause them to weaken or possibly fail.

Products sold or manufactured by Thumper Fab are intended for off-road use only. Operation of a vehicle modified with these products on a road could result in serious bodily injury or death, and such operation may violate the laws of your state or municipality. You agree to operate your vehicle exclusively in the manner intended by the vehicle manufacturer. You agree that failure to safely and reasonably operate your vehicle could result in serious bodily injury or death, and that, as a result of installation of this product(s) to your vehicle, extreme care must be taken to prevent vehicle rollover or loss of control, which may be more likely to occur as a result of said modifications. You will avoid unsafe maneuvers, including sudden sharp turns or other abrupt maneuvers, which could make a vehicular accident more likely. You understand that Thumper Fab is not responsible or liable for any damages or any injuries to yourself or your passengers that could occur upon possible accidents due to driver error, incorrect installations, bad judgment, incompatibility with other aftermarket accessories or natural disasters to the fullest extent allowable by law. You will have all vehicle occupants fasten seatbelts, if equipped, and wear proper safety equipment, such as DOT approved helmet and eye protection prior to operating the vehicle. You understand and acknowledge that failure to wear proper safety equipment may increase the risk of serious bodily injury or death to yourself and any passengers.

Proper installation of products sold or manufactured by Thumper Fab requires knowledge of the factory recommended procedures for removal and installation of original equipment components. Installation of these products without proper knowledge and experience may affect the performance of these components and the safety of the vehicle and cause serious bodily injury or death. It is strongly recommended that a certified mechanic familiar with the installation of similar components perform the product(s) installation.

Prior to installing any products sold or manufactured by Thumper Fab, you will perform or cause to be performed an inspection of their vehicle to confirm its condition is suitable for the installation of these products. A proper inspection of the vehicle includes confirmation that the vehicle has not been in a collision and is free of corrosion. If the vehicle is suspected to have been in a collision or misused, or is otherwise unsuitable for modification, you will not install the product(s). You will continue to inspect the vehicle prior to each use to confirm its condition is suitable for its intended use, and you acknowledge that the failure to do so may result in serious bodily injury or death, as well as damage to the vehicle itself.

You will install any warning labels provided with the product so it may be prominently seen by yourself and all passengers. You will notify all passengers of the modifications performed to your vehicle prior to operation.

Insurance companies may handle coverage of a modified vehicle differently. Please check with your insurance carrier prior to modifying the vehicle to ensure your coverage remains sufficient. Installation of this product(s) may void your vehicle warranty. If this is a concern, please check with the manufacturer or dealer before purchase or installation of this product(s).



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