

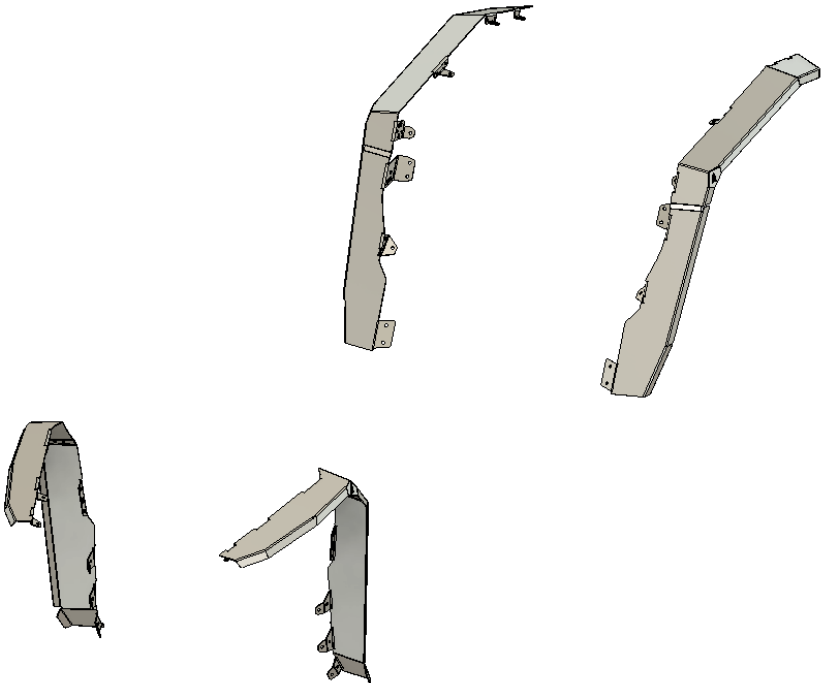


# THUMPER FAB

Aluminum Audio Roofs • Roll Cages • UTV Accessories

## HD11 Defender Fender Flares

SKU: TF290002



### Thumper Fab

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Ver. 0526

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## PARTS

| REF          | QTY | DESCRIPTION                          |
|--------------|-----|--------------------------------------|
| 1            | 1   | Front Upper Fender Flare - Driver    |
| 2            | 1   | Front Upper Fender Flare - Passenger |
| 3            | 1   | Front Lower Fender Flare - Driver    |
| 4            | 1   | Front Lower Fender Flare - Passenger |
| 5            | 1   | Rear Upper Fender Flare - Driver     |
| 6            | 1   | Rear Upper Fender Flare - Passenger  |
| 7            | 1   | Rear Lower Fender Flare - Driver     |
| 8            | 1   | Rear Lower Fender Flare - Passenger  |
| HARDWARE KIT |     |                                      |
| A            | 4   | 1/4" x 3/4" Button Head Screw        |
| B            | 4   | 1/4" Nylon Lock Nut                  |
| C            | 60  | UTV Fender Clip                      |

## TOOLS

- 5/32" Allen Wrench
- 7/16" Socket
- Drill
- 5/16" Drill Bit
- Sharpie

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** Fender Flares, please see your nearest Thumper Fab® Dealer for installation.

Each fender flare will have a cut-out that indicates where it is installed on the vehicle. Breakdown of cut-out explanation is listed below.

DFU = Driver Front Upper

PFU = Passenger Front Upper

DFL = Driver Front Lower

PFL = Passenger Front Lower

DRU = Driver Rear Upper

PRU = Passenger Rear Upper

DRL = Driver Rear Lower

PRL = Passenger Rear Lower



# INSTALLATION INSTRUCTIONS

## Front Installation

Begin by fastening the front upper fender flare to the front lower fender flare using 4 x 1/4"x3/4" button head screws and 4 x 1/4" nylon lock nuts. Tighten using a 5/32" allen wrench and a 7/16" socket (**FIG 1**).



**FIG 1 - Fasten the front fender flares together**

Use the front fender flares as a template to mark the mounting holes on the plastic, once satisfied with the positioning of the flare. It may help to have a second pair of hands to properly position the fender flare before marking the holes (**FIG 2**).



**FIG 2 - Mark the holes for the front fender flares**

# INSTALLATION INSTRUCTIONS

## Front Installation

Drill the marked holes using a 5/16" drill bit. Be careful not to drill deeper than required to make it all the way through the plastic (**FIG 3**).



**FIG 3 - Drill marked holes for front fender flares**

Fasten the front fender flare to the vehicle using a UTV Fender Clip in each mounting hole (**FIG 4**).



**FIG 4 - Mount front fender flares to the vehicle**

# INSTALLATION INSTRUCTIONS

## Rear Installation

Repeat the process for the rear fender flares. Hold both the rear upper and rear lower fender flares in position up against the vehicle (place the upper fender flare over the lower fender flare so the bed can open once installed). Once satisfied with the positioning, mark the holes to be drilled using a sharpie (**FIG 5**).



**FIG 5 - Mark holes for rear fender flares**

Drill the marked holes for the rear fender flares using a 5/16" drill bit. Be careful not to drill deeper than needed (**FIG 6**).



**FIG 6 - Drill rear fender flare mounting holes**

# INSTALLATION INSTRUCTIONS

## Rear Installation

Fasten the rear lower fender flare to the vehicle using the UTV fender clips (**FIG 7**).



**FIG 7 - Fasten the rear lower fender flare to the vehicle**

Fasten the rear upper fender flare to the vehicle using the UTV fender clips (**FIG 8**).



**FIG 8 - Fasten the rear upper fender flare to the vehicle**

# 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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