TRAIL FORTRESS

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Rough Country O-F12124 Installation Instructions

3.5-Inch Coverage Fender Flares for 2021–2025 Ford Bronco 4WD

Part number: O-F12124

trailfortress.com/3-5-inch-coverage-fender-flares-ford-bronco-4wd-rough-country-o-f12124

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

WARNING: *This product contains a chemical known to the State of California to cause Cancer and Reproductive Harm. For more information, go to* ***www.P65Warnings.ca.gov.***

2021-2024 FORD BRONCO (NOT RAPTOR OR HERITAGE EDITION) ORIGINAL STYLE FLARES

PRIOR TO INSTALLATION

A) Install the flares according to these written instructions with the hardware provided. WARNING: Failure to install according to these instructions will invalidate the warranty. This includes, but is not limited to, using alternative installation methods, hardware, or materials. DO NOT USE: Loctite, Superglue, or similar products on the hardware or the flares. Install flares on cleaned vehicle surfaces.

B) **Fit:** Verify the fit of the flares to vehicle prior to installation (some filing, sanding, or cutting may be necessary to ensure proper fit).

C) **Painting:** (Optional) if paint is desired it must be done prior to installing flares on vehicle. Clean outer surface with a good grade degreaser. DO NOT USE LACQUER THINNER OR ENAMEL REDUCER AS A DEGREASER. Wipe outer surface thoroughly with a tack rag prior to paint. Application of plastic adhesion promoter for ABS plastic as per your paint system manufacturer's recommendations is required. Paint flares using a high-quality enamel, or polyurethane automotive paint. If painting edge trim (not recommended), use a flex additive.

D) **Performance:** Using larger tires may increase the area required to turn the vehicle. Some tire/rim combinations may require lowering bump stops and or installing steering stops to prevent tire from contacting flare.

E) **Exhaust System:** Modifications may be necessary to maintain a minimum 4" clearance between flares and exhaust pipes. (Exhaust gases should not vent directly onto flares)

F) **Metal Protection:** All exposed fasteners and bare metal should be treated with
rust resistant paint BEFORE installing flares. Spray inner fender wells with undercoating AFTER flare attachments have been completed.

G) **Decals:** Flares may interfere with existing decals on vehicle. If you wish, remove decals prior to installation of flares.

H) **Care & Cleaning:** Fender flares are built to last; any detergent you use to wash your vehicle is sufficient to clean the flare. Do not use any harsh abrasive detergents.

TOOLS FOR EASY INSTALLATION:

- Soft Cloth
- Utility Knife
- Screwdriver
- Socket Wrench
- 7mm Socket
- 10mm Socket
- Grease Pencil
- Pry Tool
- Pliers
- Phillips Screwdriver

PLEASE READ: Dirt and debris can become lodged between the fender flares and the vehicle's fenders, causing scratching and paint wear from vibration. Manufacturer is not responsible for any damage, and the installation of our fender flares is done with the buyer's understanding that this scratching and paint wear may occur.

LIMITED LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECTS: To claim warranty you must provide Proof of Purchase.

Rev 1 01-15-25

INCLUDED IN HARDWARE KIT:

1. 

"U" Clip
16 pcs

2. 

Truss-Head Screw
22 pcs

3. 

Push-Lock Retainer
8 pcs

4. 

Christmas Tree
Fastener
2 pcs

5. 

Mounting Tab
6 pcs

6. 

Pinch Clip "A"
6 pcs

7. 

Pinch Clip "B"
6 pcs

8. 

Alcohol Wipe
4 pcs

9. 

Med. Wiper Style
Edge Trim
305 inches

IF YOU PURCHASED GLOSSY BLACK FLARES (CODE "RCGB"):



Prior to beginning installation process, peel the protective liner from each plastic piece included in the flare kit – all flares and inner pieces.

NOTE: It will be difficult to remove liner once edge trim and hardware are installed.

Once liner is removed, take care not to scratch flare surfaces. If flare needs to be cleaned, wipe gently with a clean, soft cloth.

SECTION 1: EDGE TRIM INSTALLATION

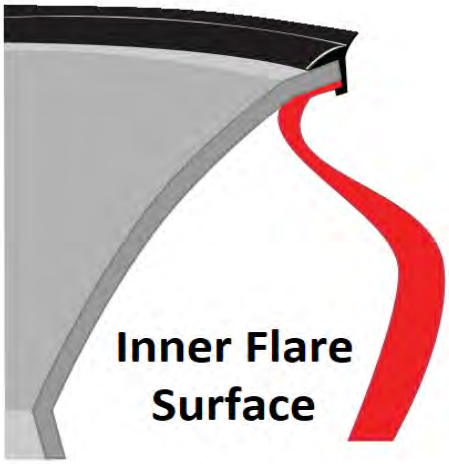
Using a debris-free soft cloth or alcohol wipe, clean vehicle at areas of installation.

Peel 2-3 inches of red vinyl backing away from supplied edge trim tape. Applying the adhesive side of the edge trim to the inner side of the flare, affix the edge trim to the top edge of the flare (the portion that comes in contact with the side of the vehicle).

Press edge trim into place along the top edge of the flare in one-foot increments, pulling red vinyl backing free as you continue to work your way around the top edge of the flare. Trim edge trim flush with ends of flare.

On Rear Flare, around the gas tank cutout, the edge trim must be notched to prevent stretching and bunching. Refer to Pictures 2, 3, and 4.

1



2



As you come to the first “point” of the flare, cut a “V” notch into the backside of the edge trim at the sharpest part of the curve. Make sure that you retain 2-3 inches of vinyl backing for ease of further installation.

3



As you come to the second “point” in the flare, make another “V” notch in the backside of the edge trim, retaining 2-3 inches of vinyl backing. Proceed along the rest of the flare.

4



Correctly-installed edge trim around gas door.

SECTION 2: FRONT FLARE INSTALLATION



Twist 5 quarter-turn fasteners indicated by arrows, until each fastener disengages.



Quarter-turn fastener locations.



Remove the factory flare by pulling toward you. Discard.



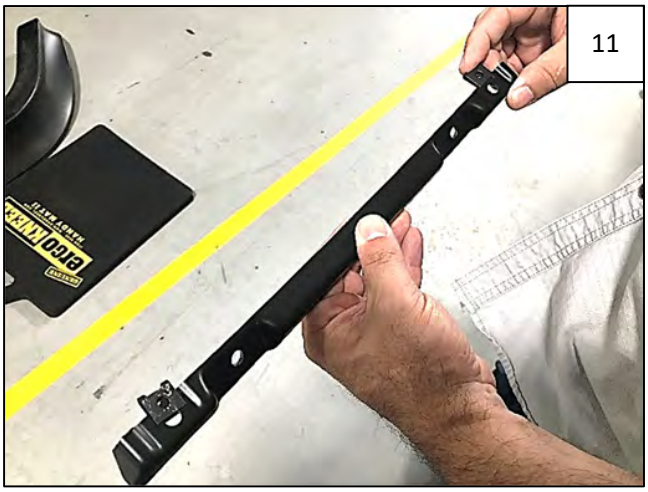
Using a 7mm socket, remove 2 factory screws from inside wheel well. Retain these screws for installation of the Front Inner Piece.



Use a pry tool and Phillips screwdriver to remove 2 plastic retainers at rear of wheel well.



Use a pry tool and Phillips screwdriver to remove 1 plastic retainer at front of wheel well.



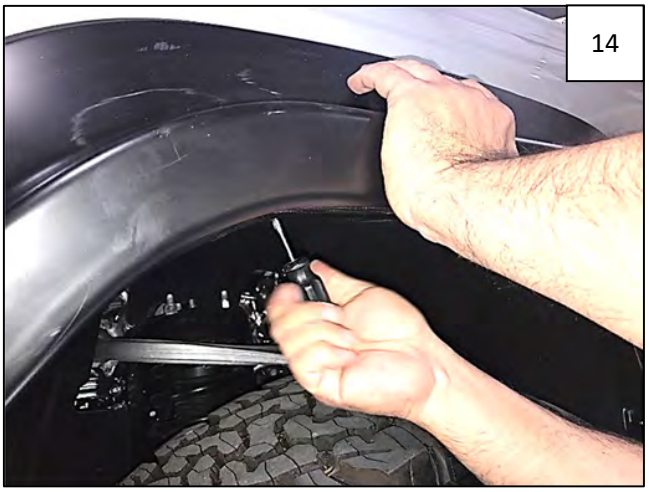
Install 2 “U” Clips onto the Front Inner Bracket as shown. NOTE: Driver’s side Inner Bracket is marked “LF” and the Passenger’s side Inner Bracket is marked “RF.”



“U” Clip Locations.



Use factory screws removed in Step 8 to install the Front Inner Bracket, aligning empty holes with holes in fender.



Aligning flare on fender, press inward, firmly with force, on the flare to line up the flare mounting holes with the clips on the Inner Bracket. Install 2 supplied Truss Head Screws through holes in flare and into clips.



Push 3 supplied Push-Lock Retainers through 3 holes in flare and into fender at areas indicated by arrows.



Completed Front Flare Installation

SECTION 3: REAR FLARE INSTALLATION



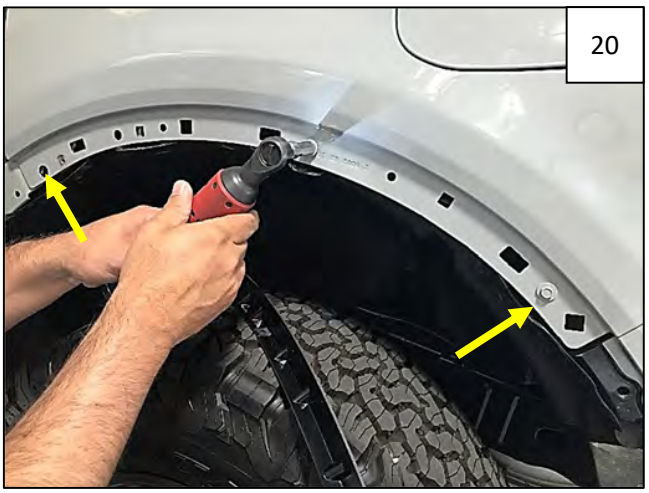
Twist 5 quarter-turn fasteners indicated by arrows, until each fastener disengages.



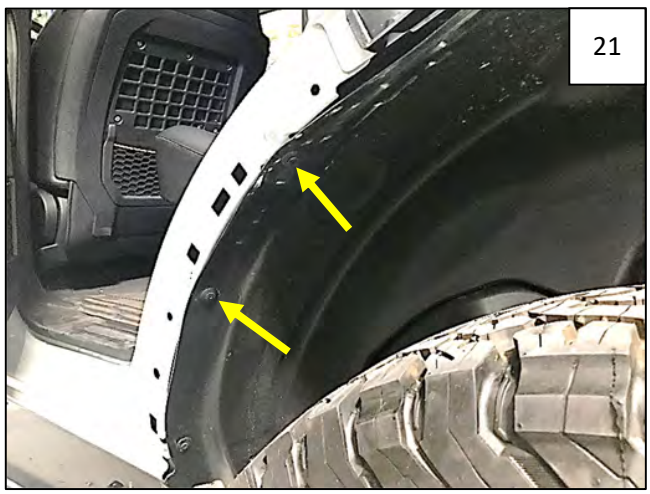
Quarter-turn fastener locations.



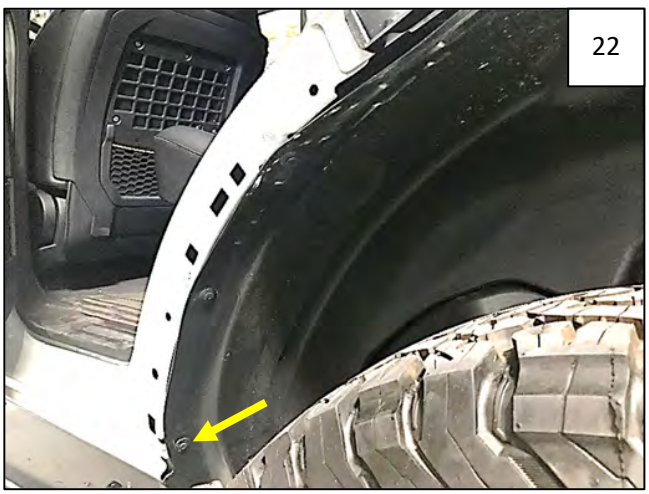
Remove the factory flare by pulling toward you. Discard.



Using a 10mm socket, remove 3 factory screws from fender lip. Retain these screws for installation of the Rear Inner Piece.



Open the door. Use a pry tool and Phillips screwdriver to remove 2 plastic retainers at front along door seam.



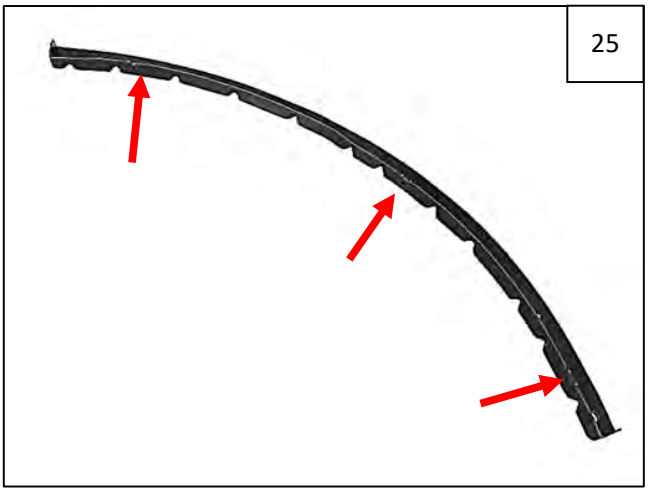
Use a 7mm socket to remove and retain 1 fastener at bottom of door.



Use a supplied Alcohol Wipe to thoroughly clean dog leg at area of tape. Surface must be free of grease and dirt.



Install 3 supplied “U” Clips onto the Rear Inner Bracket as shown. Note: Driver’s side Inner Bracket is marked “LF” and the passenger’s side Inner Bracket is marked “RF.”



“U” Clip locations.



Use factory screws removed in Step 20 to install Rear Inner Bracket, aligning 3 forward-most holes in bracket with holes in fender.



Insert a supplied Christmas Tree Fastener through lower rear 3/8” sized hole in Inner Bracket and into fender.



Hold flare on fender, making sure that red tape leader on dog leg is free and accessible.



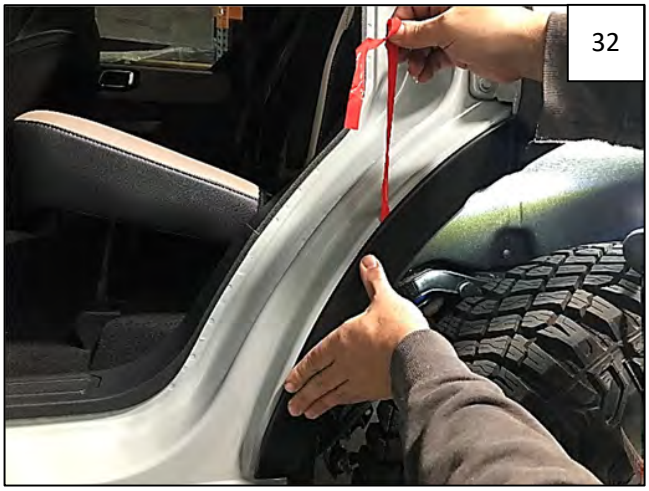
Keeping flare on fender, press inward, firmly with force, on the flare to line up the flare mounting holes with the clips on the Inner Bracket. Install 3 supplied Truss-Head Screws through holes in flare and into clips.



Install 7mm fastener removed in Step 22.



Install a supplied Push-Lock Retainer through hole in flare indicated by arrow and into fender.



Carefully peel tape leader at 45-degree angle away from the part to release from the tape, pressing against the part as you go.



Press part against vehicle at areas of tape for 30 seconds to ensure full adhesion. Tape cures after 24 hours at 65F degrees.

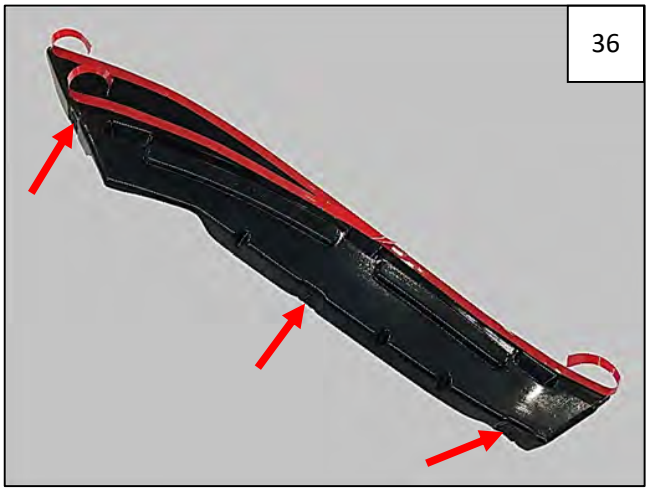


Complete Rear Flare Installation.

SECTION 3: REAR DOOR PIECE INSTALLATION



Use a supplied Alcohol Wipe to thoroughly clean the door where the Door Piece will be installed. Surface must be free of grease and dirt.



Install 3 supplied “U” Clips onto Inner Door Piece as shown.



Nest Inner Door Piece into Outer Door Piece, and temporarily install 3 supplied Truss-Head Screws into clips. Install snug but do not tighten, as you will be removing these prior to final installation.



Hold Door Piece combo on (partially closed) door, aligning carefully with rear flare. Taking care to hold Door Piece in place, open door.



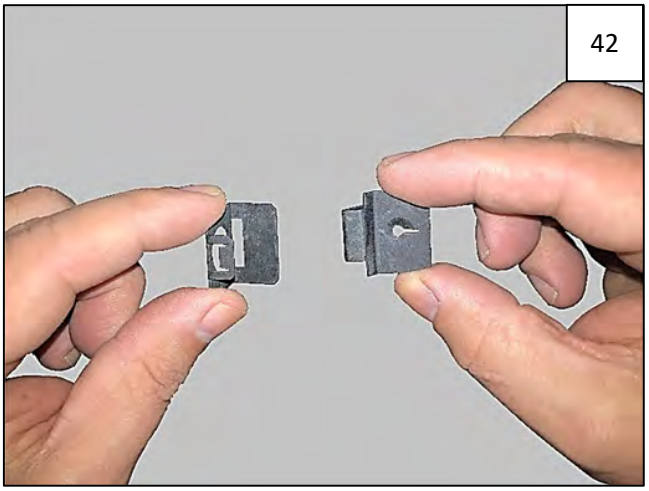
Still carefully holding door piece in position, Using a grease pencil, make 3 marks on edge of door lip aligning with 3 holes in Inner Door Piece.



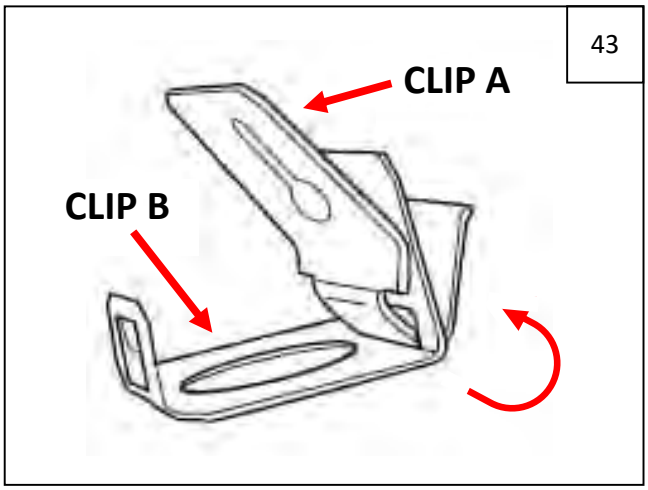
Remove Door Piece combo from door and remove 3 screws installed in Step 37.



Peel PSA backing from a supplied Mounting Tab. Carefully center a Mounting Tab over each mark made in Step 39, folding tab over door lip.



Assemble Pinch Clip “A” and Pinch Clip “B” as shown. Do NOT pinch down to engage clips at this time.



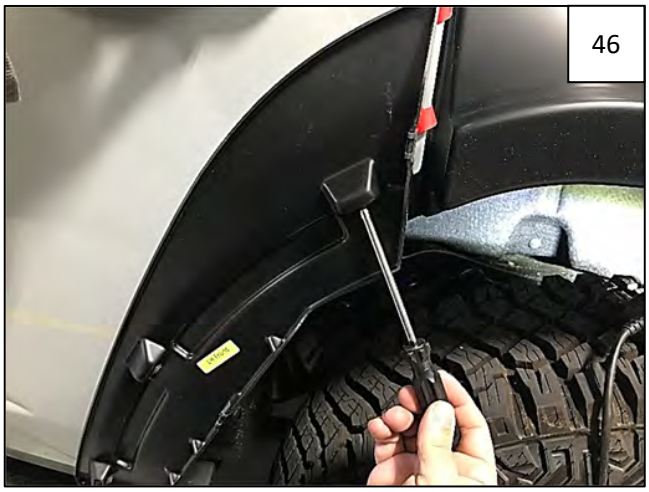
Pinch Clip assembly detail.



Carefully position a Pinch Clip combo over each Mounting Tab installed in Step 41 – center on the Tab very carefully so the door piece will be aligned properly.



Squeeze the two Pinch Clip pieces shut on door until they snap together. Use a pair of pliers to snap the clips if needed.



Hold Inner Door Piece on door, keeping red tape leaders free and accessible. Loosely install 3 supplied Truss-Head Screws through Inner Door Piece and into clips on door. Do not tighten.



Starting with *lower* tape leader, carefully peel at 45-degree angle away from the part to release from the tape, pressing against the part as you go.



Carefully peel top tape leader at 45-degree angle away from the part. Press part against vehicle at areas of tape for 30 seconds to ensure full adhesion. Tape cures after 24 hours at 65F degrees.



Tighten 3 Truss-Head Screws installed in Step 46.



Place Outer Door Piece over Inner Door Piece and reinstall 3 supplied Truss-Head Screws removed in Step 40 as shown.



Complete Rear Door Piece Installation.