



Ford F150

Set Part #20929-02

STEP 1 – PRIOR TO INSTALLATION

- A)** Bushwacker only approves installing 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.
- B) Fit:** Verify the fit of the flares to vehicle. (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.



TOOLS FOR EASY INSTALLATION:

- Utility Knife
- Electric Drill
- 1/4" Drill Bit
- #2 Phillips Driver
- 1/2" Wrench
- Socket Wrench
- 7/32" Socket
- 10 mm Socket
- Grease Pencil

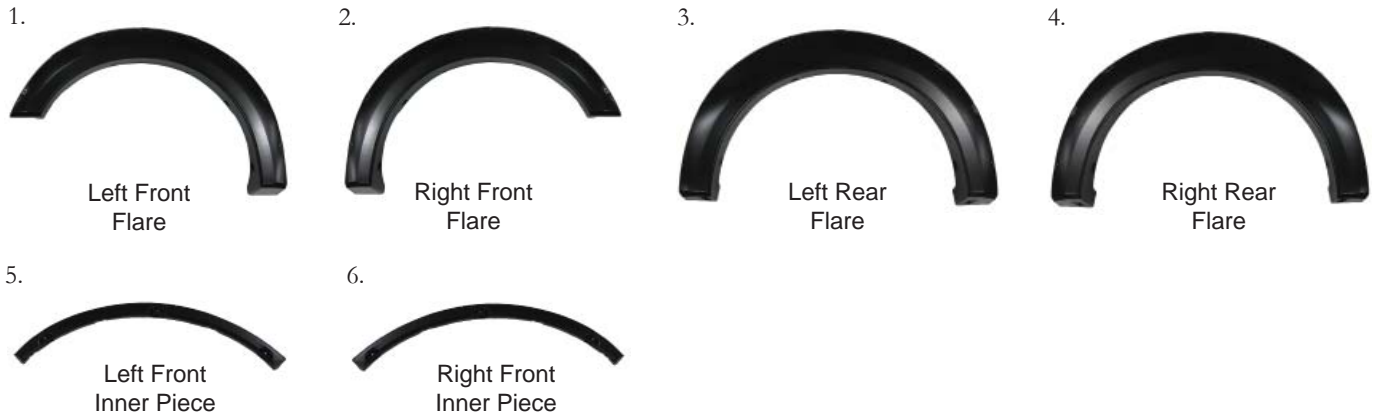
LIMITED LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECTS

- To claim a warranty, you must provide Proof of Purchase.

Included in Hardware Kit:

- | | | | | | | | | | | | | | |
|----|---|----|---|-----|---|-----|---|----|--|----|---|----|---|
| 1. |  | 2. |  | 3. |  | 4. |  | 5. |  | 6. |  | 7. |  |
| | CL1-0011,
10A-4 Magni
Black Clip,
2 pcs | | CL1-0009,
Long "U" Clip,
Magni 565
8 pcs | | MT1-0014,
1" x 1.5" x .01"
Black Tab,
8 pcs | | RV1-P001,
1/4" Black Nylon
Retainer,
8 pcs | | SW1-0058,
#10 x 5/8" Phillips
SS Truss Screw,
10 pcs | | SW1-0059,
5/16 x 18 x 3/8"
SS Torx Screw,
34 pcs | | WA1-0012,
.320 x .700 x .03
SS Washer,
34 pcs |
| 8. |  | 9. |  | 10. |  | 11. |  | | | | | | |
| | NU1-0019,
5/16-18 Jam Fin.
Nylock Nut,
34 pcs | | SW1-0052,
T-45 Torx Bit,
1 pc | | ET1-0002,
Edge Trim Tool,
1 pc | | GP1-0005,
Large Wiper Style
Edge Trim,
335 in | | | | | | |

Component List



STEP 2 - EDGE TRIM INSTALLATION

- A) Peel two to three inches of red vinyl backing away from Edge Trim (GP1-0005) 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 vehicle).
- B) 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.



Front & Rear Flare Pocket Hardware Installation



Put a Washer (WA1-0012) on each Bolt (SW1-0059).



Put each Bolt/Washer combination through a pocket hole in the flare, Bolt head and Washer on the outside.



Place a Nut (NU1-0019) over the end of each Bolt and tighten, using a 1/2" wrench for the Nut and the supplied Torx Bit (SW1-0052) for the Bolt. Repeat for remaining pockets.

Front Flare Installation Procedures (Driver's Side)



Remove three factory screws with a 7/32" socket wrench. Save screws for reinstallation.



Install Clip (CL1-0011) over fender wheel well lip. See step 6.



Place Clip (CL1-0011) over existing factory hole.



Line up the holes in the inner piece with the two uppermost factory holes and the speed clip. **NOTE:** Driver's side inner piece is marked with an "L" and passenger's side inner piece is marked with an "R".



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Using a Phillips screw driver, start a factory supplied screw through center hole in inner piece and through the speed clip over the fender wheel well lip.



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Using a 7/32" socket wrench, reinstall the factory screws through the inner piece.



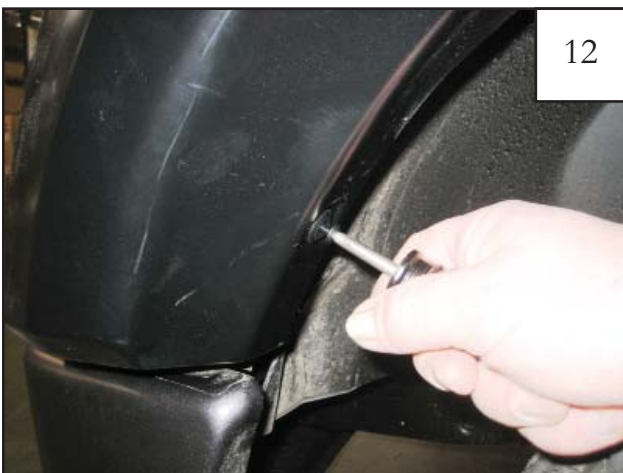
10

Position and hold flare on fender and reinstall rear most factory screw using a 7/32" socket wrench.



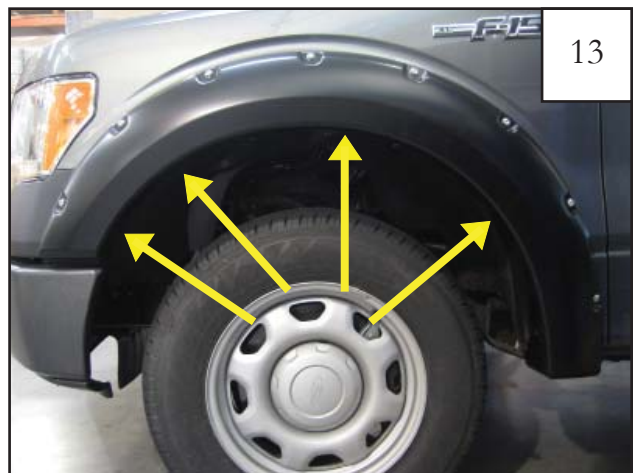
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Still holding flare in position on fender, drill through bumper cover with a 1/4" drill bit using the forward most hole in the flare as a guide.



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Still holding flare to fender, install Retainers (RV1-P001) using a Phillips screw driver. See step 13.



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Retainer (RV1-P001) locations.



Completed front flare installation.

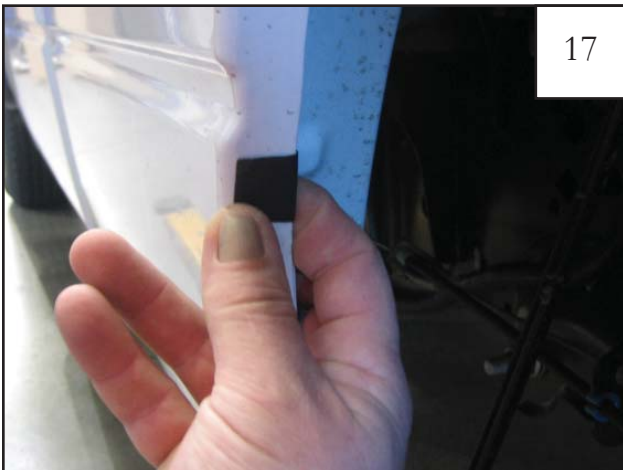
Rear Flare Installation Procedures (Driver's Side)



Remove two factory bolts with a 10 mm socket wrench. *Save for reinstallation.*



Hold flare to vehicle and mark the location with a grease pencil of the four holes in the flare.



Wrap a Tab (MT1-0014) around the wheel well sheet metal, centered over each of the four marks made in Step 16.



Install a Clip (CL1-0009) over each of the four Tabs (MT1-0014) placed on the sheet metal in Step 17.



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Hold flare to vehicle and start Screw (SW1-0058) through the two topmost holes in wheel well. Then start Screws through remaining holes in flare. Tighten all Screws.



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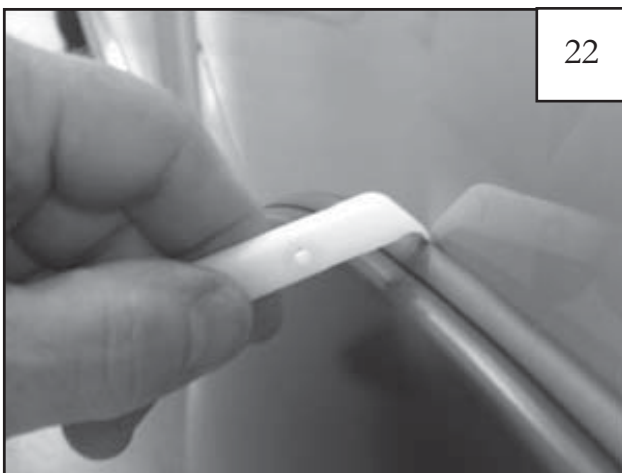
Using a 10 mm socket wrench, reinstall factory bolts.



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Completed rear flare installation.

Front & Rear Edge Trim Tool Procedures



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Using supplied Edge Trim Tool (ET1-0002), seat edge trim against vehicle by hooking curved end under edge trim at one end of flare. Next, slide around outer edge of flare to the other end.



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Using flat end of supplied Edge Trim Tool (ET1-0002), seat edge trim against flare by inserting straight end between edge trim and flare at one end. Next, slide around entire edge to the other end.