

Toyota FJ Cruiser

Set Part #31922-02

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 or Cutting Tool
- #2 Phillips Screwdriver
- Flat Head Screwdriver
- Socket Wrench
- 10mm Socket
- 1/2" Socket
- 7/16" Socket
- Electric Drill
- 5/16" Drill Bit
- Grease Pencil

LIMITED LIFETIME WARRANTY AGAINST ANY MANUFACTURING DEFECTS

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

Included in Hardware Kit:

- | | | | | | | |
|--|---|---|---|---|---|---|
| 1. 
CL1-0022,
#10 "U" Clip,
4 pcs | 2. 
NU1-0001,
1/4-20 Zinc
Nut,
4 pcs | 3. 
SW1-0005,
1/4-20 x 3/4"
HxHd Slot Screw,
4 pcs | 4. 
SW1-0036,
M6-.3 x 20mm Hex
Magni Black Screw,
24 pcs | 5. 
SW1-0056,
#8 x 3/4"
PH Screw,
4 pcs | 6. 
WA1-0017,
1/4 x 1-1/4" Black
Fender Washer
8 pcs | 7. 
GR1-0002,
#14 Nut Plastic
Grommet,
2 pcs |
| 8. 
RV1-P003,
5/16" Nylon
Retainer,
4 pcs | 9. 
SW1-0059,
5/16 x 18 x 3/8"
SS Torx Screw,
33 pcs | 10. 
WA1-0012,
.320 x .700 x .03
SS Washer,
33 pcs | 11. 
NU1-0019,
5/16-18 Jam Fin.
Nylock Nut,
33 pcs | 12. 
SW1-0052,
T-45 Torx Bit,
1 pc | 13. 
GP1-0001,
Small Wiper Style
Edge Trim,
324 in | |

Component List



STEP 2 - EDGE TRIM INSTALLATION

- A) Peel two to three inches of red vinyl backing away from Edge Trim (GP1-0001) 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 Factory Flare Removal (Driver's Side)



Remove six bolts from wheel well using a 10mm socket.



Remove two bolts connecting factory flare to rocker as shown (one plastic fastener removed in Step 4 is located here as well).



Remove three plastic fasteners using a flat head screw driver or pry tool.



Using a utility knife, cut along seam connecting factory flare to rocker. Cut down to mud flap area.



Using a utility knife, cut splash guard flush with edge of sheet metal also.



Trim an additional 3/4" from rocker, so that end of rocker is within confines of sheet metal. *NOTE: The Flare will cover this area to 1/4" from the door seam.*



Cut front of factory flare along bumper, taking care not to cut bumper.



Trim remaining plastic flush with bumper.



Trim plastic tab along seam.



Remove mud flap bolts as shown (2 places).



Remove third mud flap bolt, and remove mud flap.

Front Flare Installation Procedures (Driver's Side)



Holding Front Inner Piece on front of wheel well next to bumper, use a grease pencil to mark two clip locations.



Remove Front Inner Piece, and drill two 5/16" holes on marks made in previous Step (2 places).



Slide supplied Clips (CL1-0022) over holes drilled in previous Step (2 places).



Position Inner Front Piece on vehicle, aligning holes in part with holes in Clips installed in previous Step. Install supplied Screws (SW1-0056).



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Position Flare on fender. Install five supplied Screws (SW1-0036). Do not tighten. *NOTE: It is helpful to install one of the top bolts first.*



20

Install one supplied Fastener (RV1-P003) in top hole. Check that Edge Trim (GP1-0001) is seated correctly, then tighten all Screws (SW1-0036) installed in previous Step..

Rear Factory Flare Removal (Driver's Side)



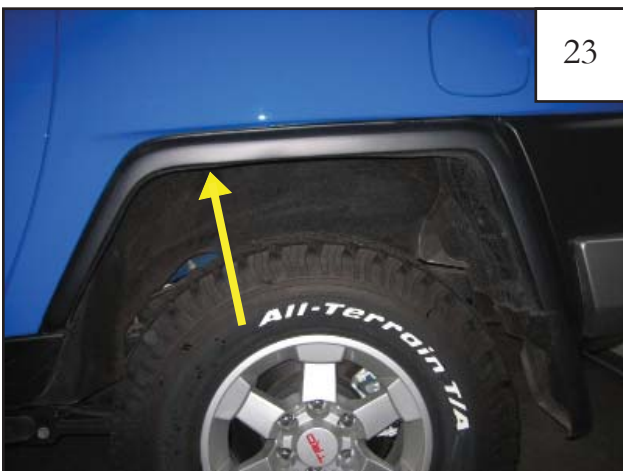
21

Using a 10mm socket, remove six bolts.



22

Remove two bolts from mud flap.



23

Using a pry tool or flat head screwdriver, remove one plastic fastener.



24

Remove one plastic fastener from mud guard.



25

Remove bolt from mud guard located inside wheel well.



26

Pull back rear plastic panel to access bolt inside. Plastic clips will release, making a popping sound.



27

Remove bolt located behind rear plastic panel. *NOTE: if the socket does not fit in the enclosed space, a Phillips screwdriver will work.*



28

Remove 10mm bolt to remove mud flap completely.



29

Remove bolt from underside of factory flare (behind panel). Pry flare from fender, releasing plastic clips.



30

Using a pushing motion to engage clips, replace rear plastic panel.



31

At front of wheel well, use pry tool or knife to pry plastic grommet from sheet metal. Discard grommet, leaving a square hole.



32

Cut along rocker panel so that it is trimmed flush with sheet metal.



33

Remove last bolt holding the rear flare on, at the front of the wheel well. Remove flare.

Rear Flare Installation Procedures (Driver's Side)



34

Install a supplied Grommet (GR1-0002) in square hole at front of wheel well.



35

To attach Rear Main Flare to Rear Bumper Piece, slide a supplied Washer (WA1-0017) onto a supplied Screw (SW1-0005).



36

Align the holes in the Rear Main Flare with the holes in the Rear Bumper Piece, slide Screw/Washer assembly through (2 places).



37

Slide a supplied Washer (WA1-0017) onto backside of Screw (SW1-0005), and thread a supplied Nuts (NU1-0001) onto Screw. Using a 10mm socket and 7/16" wrench, tighten Screws.



38

Position Flare on fender. Install six supplied Screws (SW1-0036). *Do not tighten.* NOTE: It is helpful to install one of the top Screws first.



39

Install one supplied Fastener (RV1-P003) in top forward hole. Check that Edge Trim (GP1-0001) is seated correctly, then tighten all Screws.