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Installation Instructions
Bolt-On Look Fender Flares
RAM 1500 02-08 / 03-08 2500/3500
Part# 17490

Please read instructions entirely before installing this product.

Hardware Included	QTY
Screw Locks	4
Self Tapping Screws	6

Hardware Included	QTY

Tools Needed
#2 Phillips Screwdriver
3/16 Hex Wrench
1/2" Wrench
Utility Knife

WARNINGS: Smittybilt only approves installing these Fender Flares according to these written instructions with the hardware provided. Failure to install according to these instructions will invalidate the warranty. This includes but not limited to using alternative installation methods, hardware, or materials.

- (A) Inspection:** Inspect the Fender Flares thoroughly for defects or damage and verify the contents of package. Verify the fit of the flares to the vehicle. *(Some filing, sanding, or cutting may be necessary to ensure proper fit)*
- (B) Do not use:** Loctite®, SuperGlue®, or similar products on the hardware or the flares.
- (C) 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 the flare.
- (D) Exhaust Systems:** Modifications may be necessary to maintain a minimum 4" clearance between the flares and exhaust pipes. *(Exhaust gasses should not vent directly onto flares)*
- (E) 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.
- (F) Decals:** Flares may interfere with existing decals on vehicle. If you wish, remove decals prior to installation of flares.
- (G) Painting (Optional): PAINTED FLARES CANNOT BE RETURNED, TEST FIT BEFORE PAINTING.**
 If painting 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.

NOTE: FENDER FLARES ARE MARKED ON INSIDE AS TO FITMENT.
(1-DRIVER FRONT) (2-PASSENGER FRONT) (3-DRIVER REAR) (4-PASSENGER REAR)

STEP 1: Verify fit, flares should be held to vehicle to verify correct type and fit before continuing.

STEP 2: Remove factory fender flares, fender trim and mud flaps if installed.

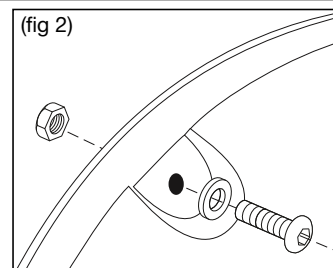
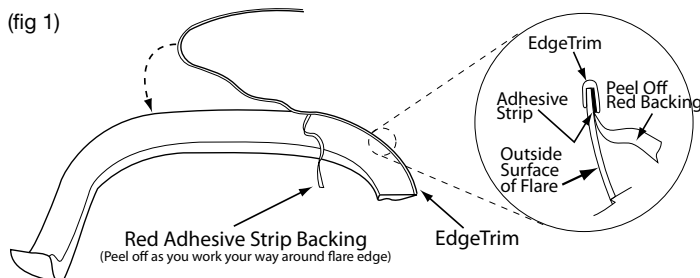
STEP 3: EDGE TRIM INSTALLATION (Fig. 1)

- (1) Peel three inches of red backing away from trim adhesive and affix to outer edge of flare at one end.
- (2) Press edge trim into place along edge of flare in one foot increments, pulling red backing free as you continue to work your way around the flare.

STEP 4: BOLT INSTALLATION (Fig. 2)

- (1) Place a 5/16 button head screw with a washer into each of the holes and attach to the flare with nuts provided.

WARNING: DO NOT OVER TIGHTEN OR USE LOCTITE® ON THE BOLTS AS THIS WILL CAUSE PERMANENT DAMAGE TO THE FLARES. BOLTS ARE DECORATIVE ONLY AND FASTEN ONLY TO THE FLARES. DO NOT ATTEMPT TO USE THE BOLTS TO FASTEN THE FLARES TO THE VEHICLE.



For Technical Support/Warranty Information please call 310-762-9944

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STEP 5: FRONT FLARE INSTALLATION

- (1) Remove the 3 factory screws holding the plastic inner fender well to the fender and set aside. Save for reinstallation.
- (2) Hold the flare in place on the vehicle and line up the holes in the flare with the factory holes where the screws were removed, apply moderate pressure to the outside of the flare and install using the removed factory screws.

STEP 6: REAR FLARE INSTALLATION

- (1) Remove the two factory screws holding the plastic inner fender well to the fender and set aside. Save for reinstallation.
- (2) Hold the flare in place on the vehicle and insert the two screw locks through the front holes of the flare into the existing factory holes.
- (3) Reinstall the factory screws through the two holes at the rear of the flare.
- (4) Use 3 self tapping screws in the remaining holes on the upper side of the flares. (Fig 3)

