



FLARE EXTENSIONS & SPLASH GUARDS

AEV JL REAR BUMPER

PLEASE READ ENTIRELY BEFORE YOU START

To guarantee a quality installation, we recommend reading these instructions thoroughly before beginning any work. These instructions assume a certain amount of mechanical ability and are not written nor intended for someone not familiar with auto repair.

REQUIRED TOOLS

Common hand tools including metric wrenches or socket and small Allen drivers.

Light colored marker

Utility knife or heavy duty scissors

Drill Motor with 1/8", 1/4", and 13/32" Drill Bit

Cutoff wheel or body saw

Rust Preventative such as Permatex Rust Treatment



IMPORTANT: Vehicle must have AEV Rear Bumper installed to use Flare Extensions and Splash Guards. Flare Extensions are required to install AEV Splash Guards. Prior to installing flare extensions, make sure correct version for your vehicle were purchased.

NOTE: These products are easier to install without wheels/tires but their removal is not 100% required for proper installation. If removing wheels and tires, be sure to safely secure and raise vehicle.

I. FLARE EXTENSION INSTALLATION

1. Trim Factory Wheel Liner and Quarter Panel

- A. Mark and trim a portion of the protruding section of the factory wheel liners shown (fig. 1) using a utility knife or heavy scissors. Note that part of the bump on the inboard side is retained, removing fully will create a gap between the wheel liner and the Flare Extension.

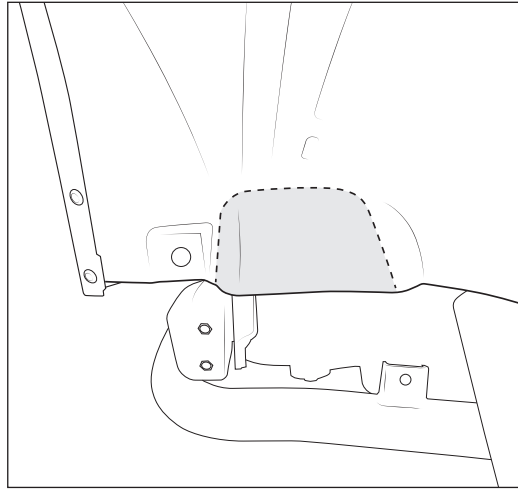


Figure 1

- B. Mark $1\frac{1}{2}$ " up from bottom and $\frac{3}{4}$ " from front of exposed pinch weld and trace diagonal line onto the exposed pinch weld. Use cutoff wheel or body saw to trim off BOTH LAYERS at trim line (fig. 2).

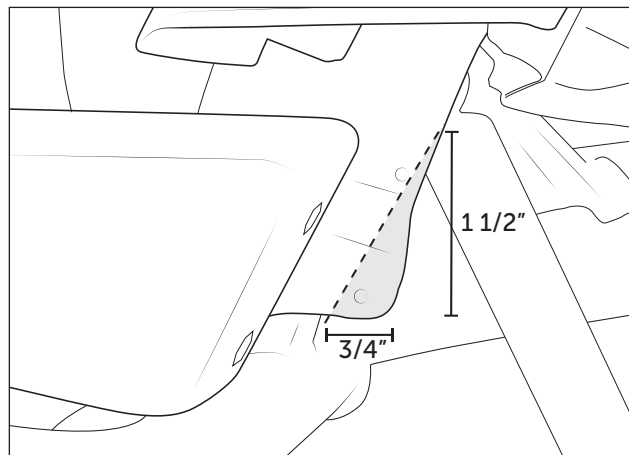


Figure 2

- C. Loosely fit up flare extensions to make sure there's no interference with wheel liner or quarter panel. If needed, carefully trim a little more, being careful not to trim further than necessary.
- D. Clean edges of quarter panel and apply paint or anti-corrosion coating to prevent rust on exposed edges.



2. Installing Flare Extensions

- A. Locate the three upper dimples on each Flare Extension (fig. 3). Drill pilot holes of approximately 1/8" then drill final holes to 13/32".

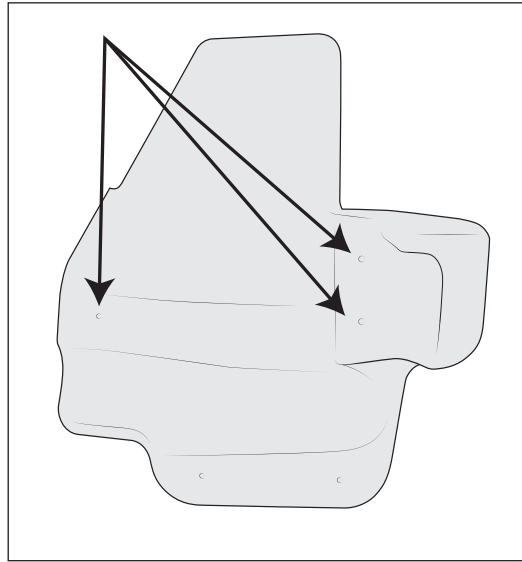


Figure 3

IF INSTALLING AEV SPLASH GUARDS, SKIP TO SECTION II.

- B. Loosely install M10x16 bolts with washers through the Flare Extensions into the corner tanks NOTE: Anti-seize is recommended. Make sure the inboard hole lines up with the bracket on the corner weldment.
- C. Install provided M10x20 bolts and washers through inboard hole of flare extensions and corner weldment bracket. Loosely install nut from back side.
- D. Hold the Flare Extension tight against the corner tank and tighten bolts from outboard to inboard

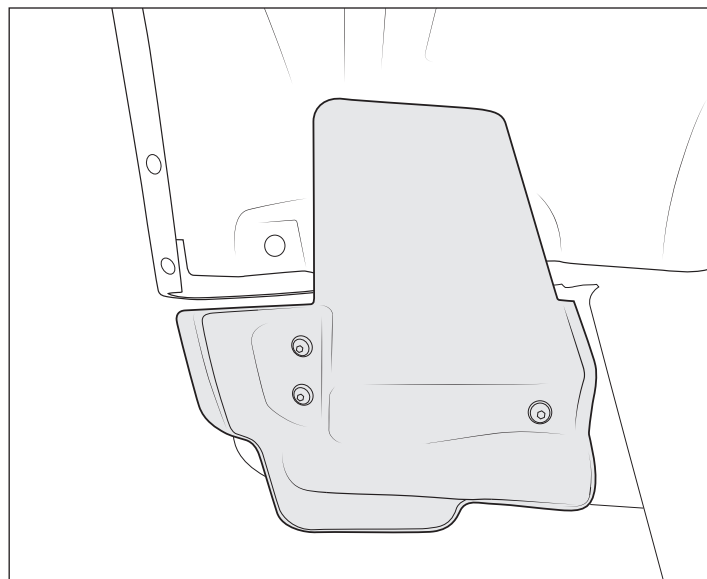


Figure 4



II. SPLASH GUARD INSTALLATION

1. Locate the five dimples on each splash guard. Drill pilot holes using a 1/8" drill bit, then finish the upper holes to 13/32" and lower holes to 1/4"(fig. 5).

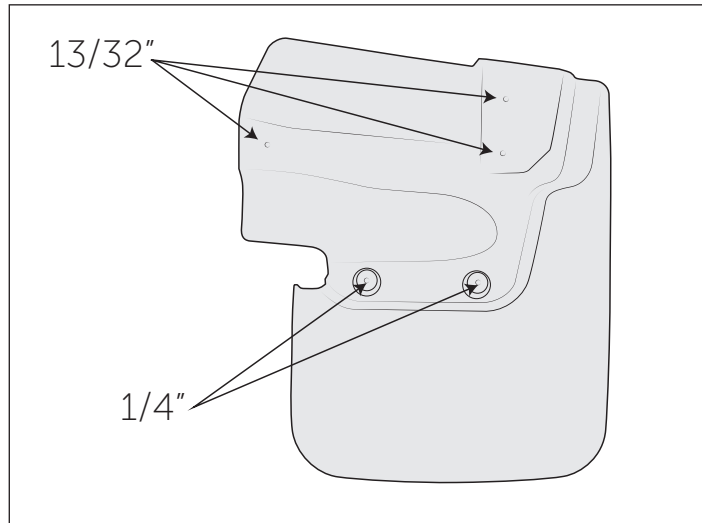


Figure 5

2. Locate the two lower dimples in Flare Extensions. Drill 1/8" pilot holes, then finish holes to 1/4" (fig. 6).

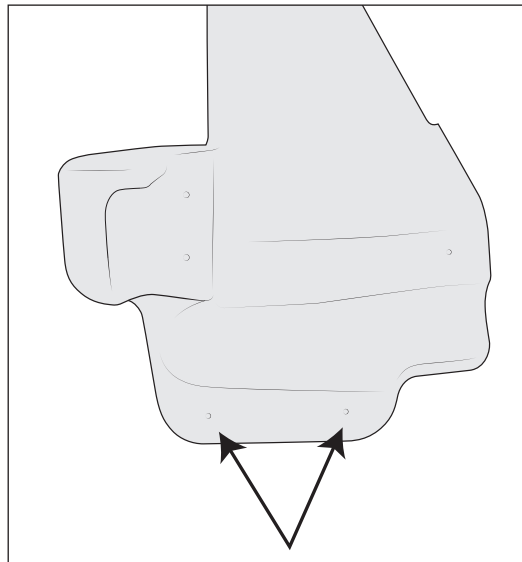


Figure 6



3. Install the Splash Guards and AEV Flare Extensions. Use the M10x20 bolts and washers provided with Splash Guard Kit through the Splash Guard and Flare Extension into the corner tanks (fig. 7). Discard M10x16 bolts from Flare Extension Kit.
4. Install an M10x20 bolt and washer through inboard hole of the Splash Guard, Flare Extension and corner weldment bracket. Loosely install nut from back side (fig. 7).
5. Install provided M6 bolts and nuts through Flare Extensions and Splash Guards. Recommend installing bolt from rear pointing forward, but they can be mounted in whichever orientation the customer prefers (fig. 7).

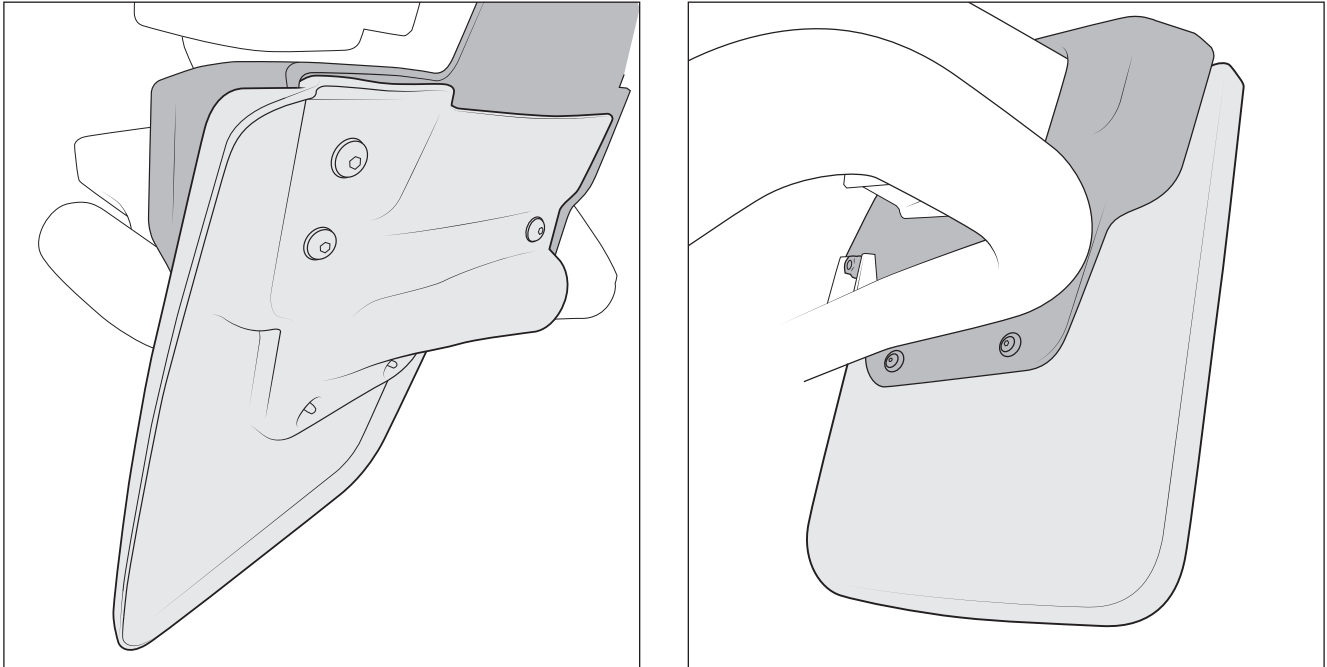


Figure 7

6. Hold flare extension and splash guard tight against corner tank, then snug all mounting bolts, starting with outboard bolts on corner tanks and finishing with inboard and lower bolt and nut. Be careful not to over-torque and damage plastic on either component.