



BISON FRONT BUMPER

FOR CHEVY COLORADO



AEV30328AB
Last Updated: 06/24/20

INSTALLATION GUIDE



PLEASE READ 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.

INCLUDED PARTS	QTY	REQUIRED TOOLS
Front Bumper Assembly	1	Common Hand Tools
Lower Skid Plate	1	Drill and Drill Bits
Front Skid Plate	1	
Center Section	1	
Bumper Brackets	2	
Pencil Braces	2	
Headlamp Filler Panel Kit	1	
Wheel Liner Brackets	4	
Wheel Liner Closeouts	2	
Hardware Pack	1	

IMPORTANT: The installation of this AEV Front Bumper on any non-ZR2 Bison trucks **REQUIRES** an SRS system recalibration to ensure that all occupant safety features function as intended. This recalibration is available through any Chevrolet dealership by referencing the following **Service Bulletin: #19-NA-144, Document ID 5363958.**



DISASSEMBLY

1. Remove the front fascia referring to the factory service manual.
2. Remove the intrusion beam exposed upon removal of the front fascia.

PREPARATION

1. Remove and **SAVE** Factory tow hooks and hardware.
2. Trim wheel liners using AEV Templates. For ZR2 reference templates: AEV30326AA/AEV30327AA
3. Use AEV template AEV30315AA to drill frame holes. NOTE: Vehicles built after December 2018 will have pre-drilled holes.
4. On ZR2 models: Install Grill. AEV recommends Bison Grill (Gm Part # 84431359).
 - A. Position grill and clip inside braces to hold it in place.
 - B. Align top of grill and install the QTY 6 M4 torx head screws along top of grill (fig. 1).
 - C. Use QTY 2 10mm bolts to fasten lower braces at bottom of the grill (fig 1).

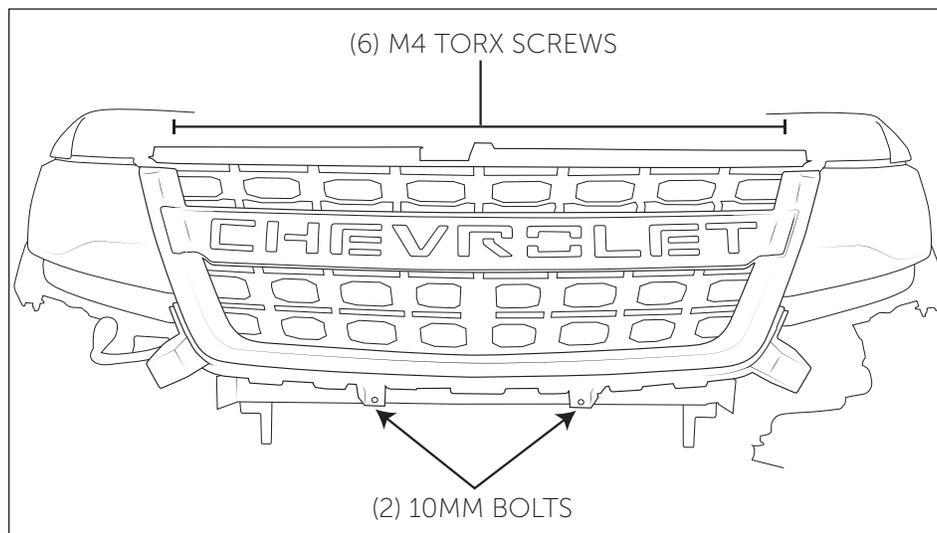


Figure 1

5. Install Headlamp Filler Panels:

NOTE: If your are NOT installing AEV's Bison Fender Flares, have a body shop fill in the hole in the Headlamp Filler Panel prior to painting. We recommend using a proper plastic tab repair product.

Have the Headlamp Filler Panels painted professionally to match your Colorado's color. It is important to accurately tape off the lower step portion of the headlamp fillers.



- A. Use AEV template (AEV30316) applied to the bottom of the grill supports to mark and drill a hole on each side (fig. 2).
- B. Install supplied M4 U-nuts onto the grill supports (fig. 3).

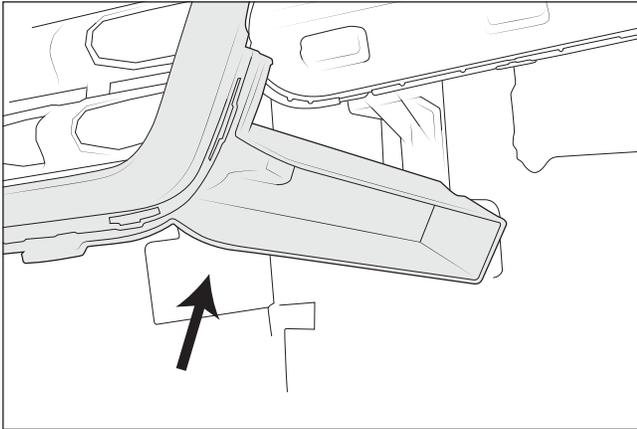


Figure 2

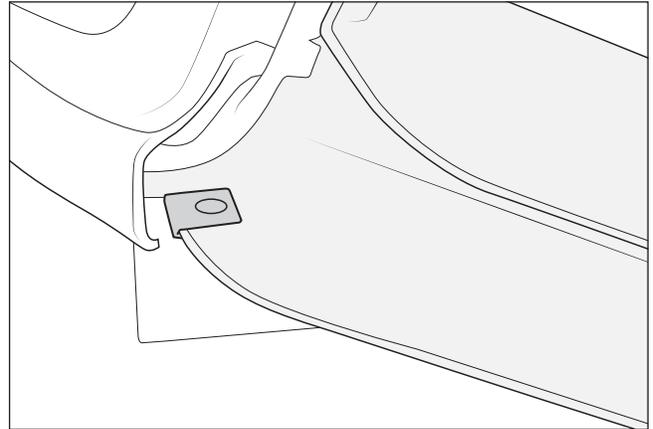


Figure 3

- C. Install rubber Gap Filler by inserting tabs into the bottom of the grill working from the center outward (fig. 4).

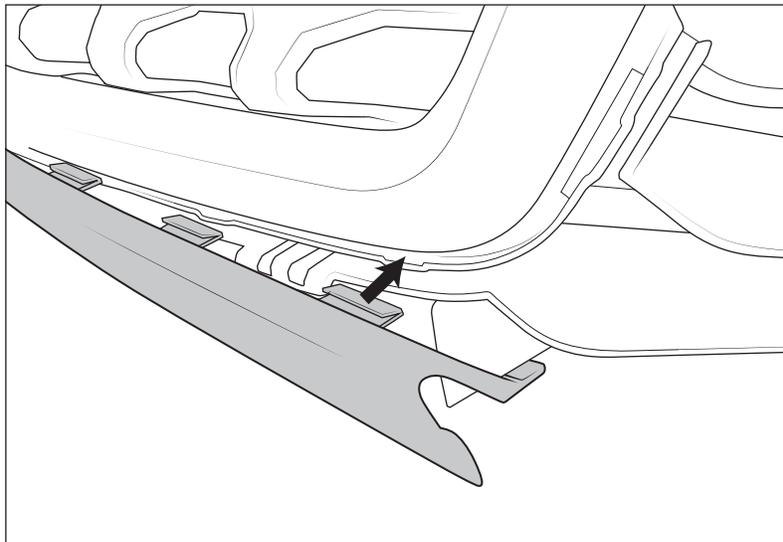


Figure 4



D. Engage the pins on the Headlamp Filler Panel into the fender (fig. 5).

E. Snap the inboard side of the Headlamp Filler Panel into the grill (fig. 6).

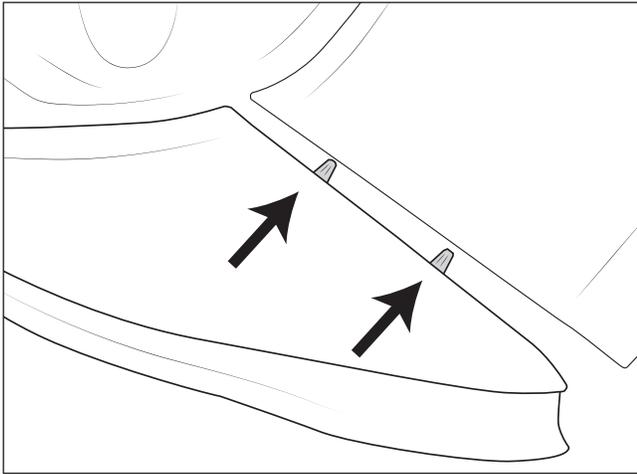


Figure 5

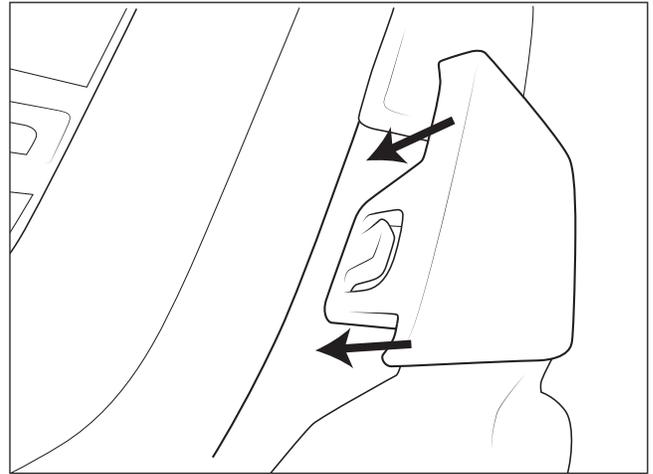


Figure 6

F. Fasten panel and upper wheel liner bracket using 7mm and 10mm hex screws as shown (fig. 7).

G. Install supplied flathead screws into the grill through the filler panel (fig. 8).

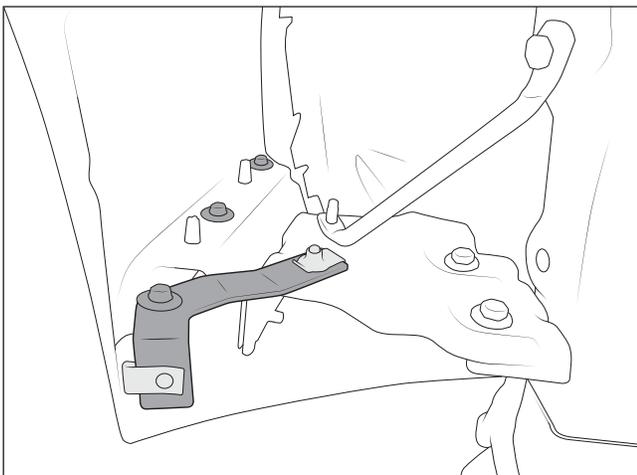


Figure 7

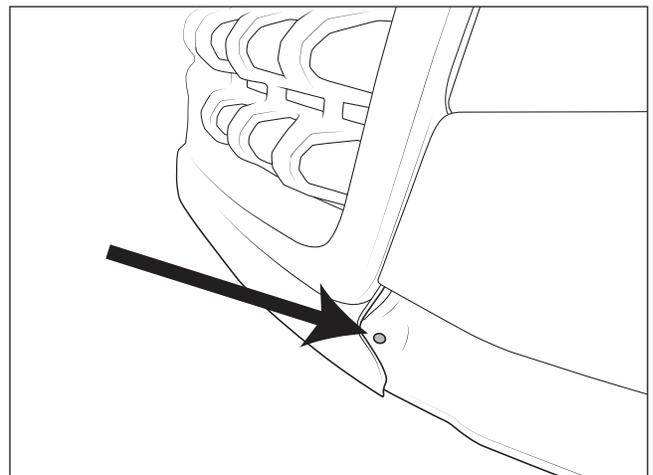


Figure 8



INSTALLATION

1. Position bumper bracket with tow hook in factory location. Loosely install factory tow hook bolts through the bracket and tow hook. (fig. 9).

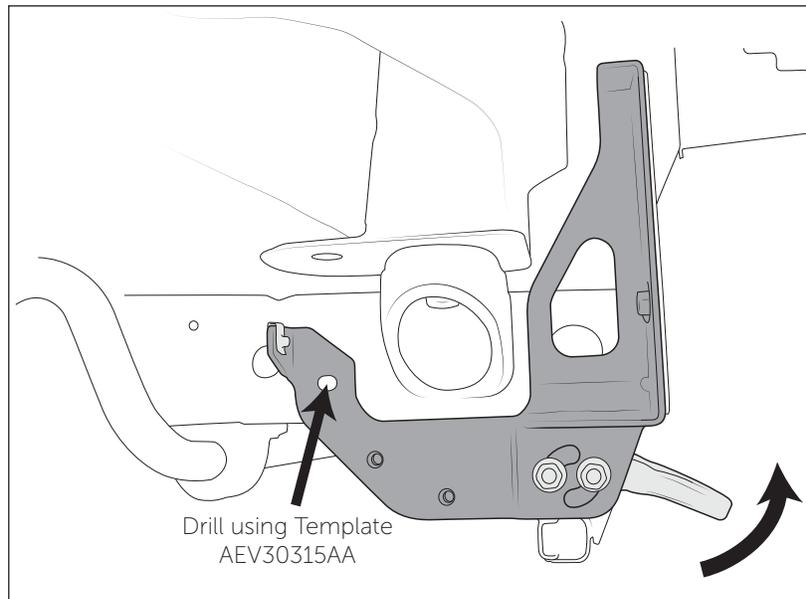


Figure 9

2. Install lower liner brackets using M6 bolts and using tab to locate the bracket as shown (fig. 10).

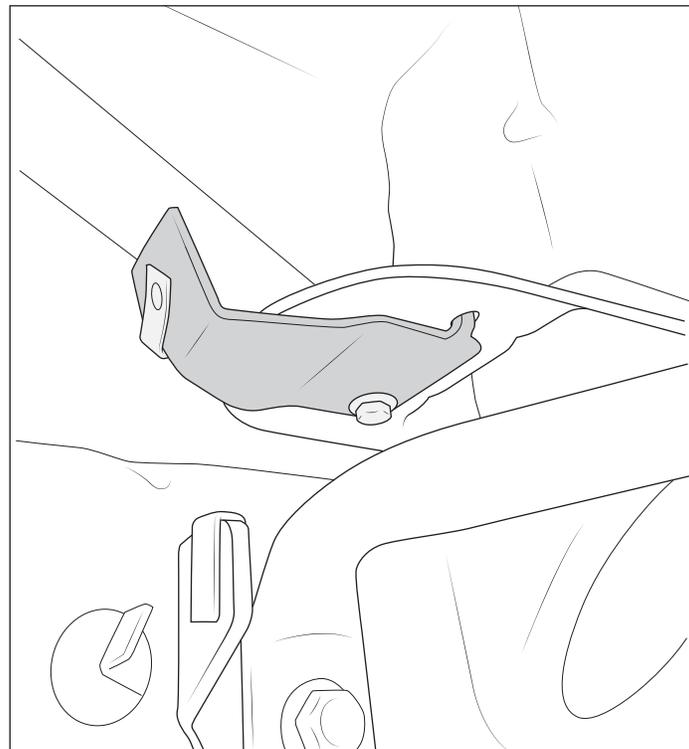


Figure 11



3. Install pencil brackets with M10 bolts and flag nuts through bumper bracket, fastening to the frame (fig. 11).

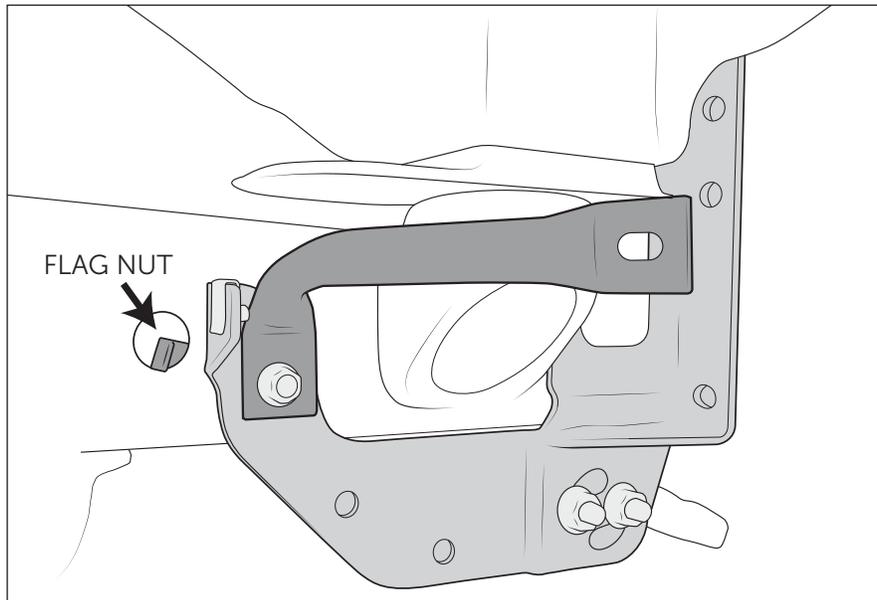


Figure 11

NOTE: If installing AEV Front LED Light Brackets (PN: 38060000AA), we recommend completing that installation before installing the bumper assembly to the vehicle.

4. Carefully lift your new AEV Bison Bumper into place. From the front, install an M10 bolt through the bumper and into the OE hole location on each side (fig 12).

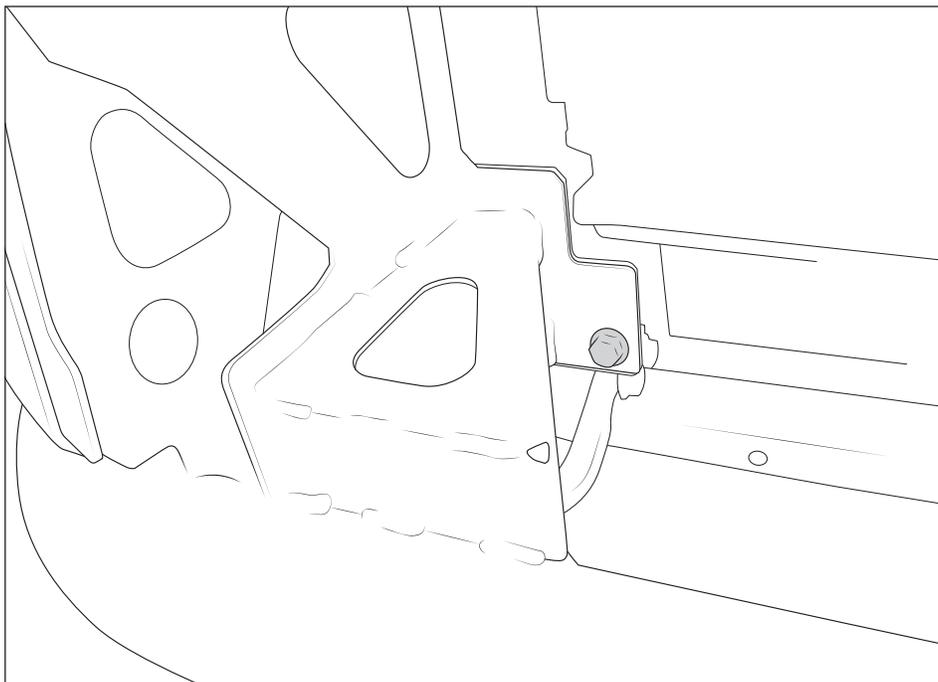


Figure 12



5. Install QTY 8 M10 bolts that mount the bumper to the bumper bracket you installed. 6 are installed from behind the bumper and 2 from the front (fig. 13).
6. Fasten bumper tubes to your pencil brackets using M10 bolts (fig. 13).

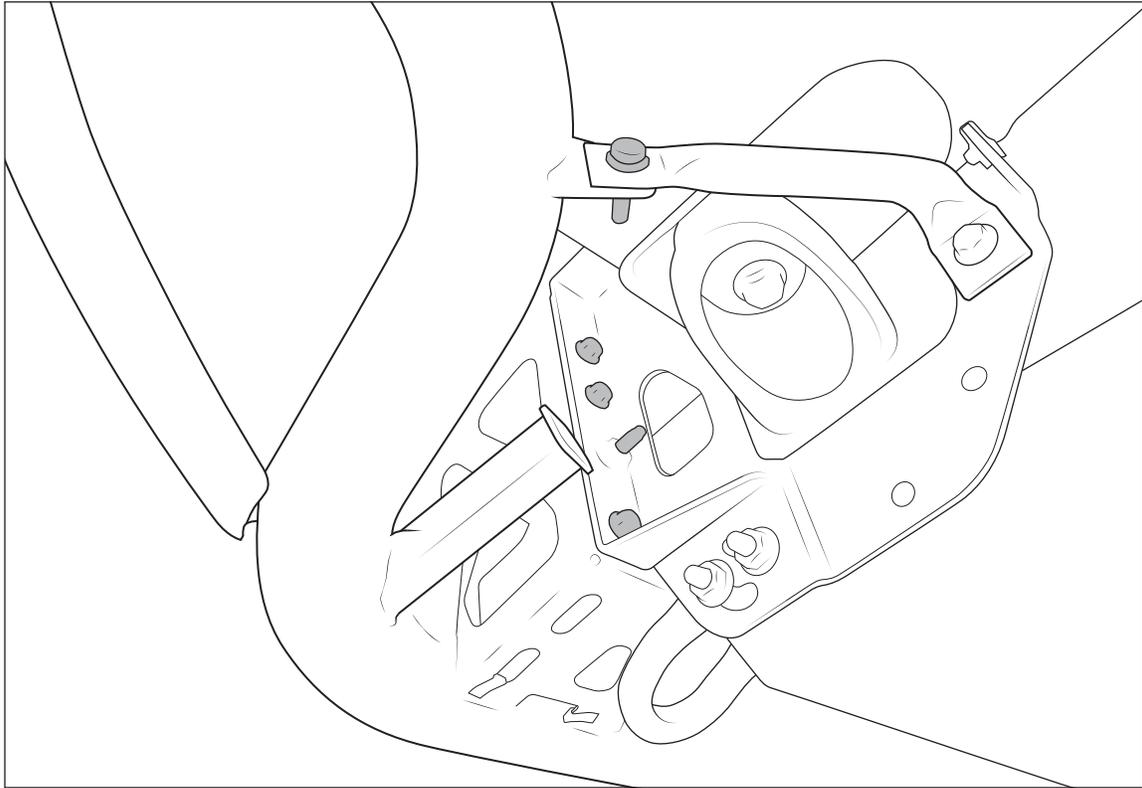


Figure 13

7. Now that the bumper is in place be sure to tighten all the bolts.
NOTE: When tightening the tow hooks make sure to push them into their highest upright position (see fig. 9). Now is also the perfect time to wire and aim your fog lights.
8. Remove the 6 torx head bolts from the corners to install the center section (fig. 14).

NOTE: If installing a **Winch**, refer to those instructions before installing a center section. If installing the **AEV Low Tube Center Section** refer to those instructions (AEV30329) If installing the **Standard Center Section** proceed to the next steps.

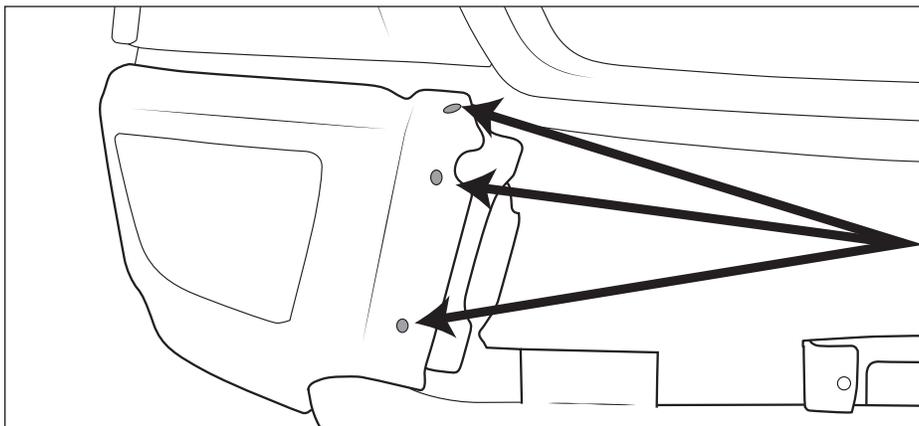


Figure 14



- Fasten the center section to the bumper using the hardware removed in the previous step (fig. 15)
NOTE: Make sure the edge of the air diverter sits behind the lip of the center section.

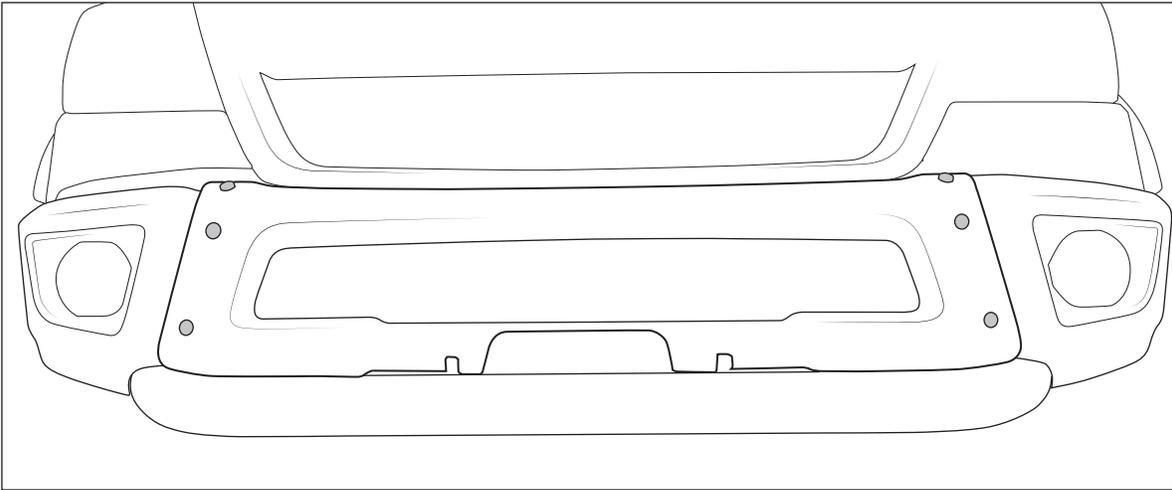


Figure 15

- Install Wheel Liner Closeouts using M6 hex bolts and M4 torx bolts (fig. 16).

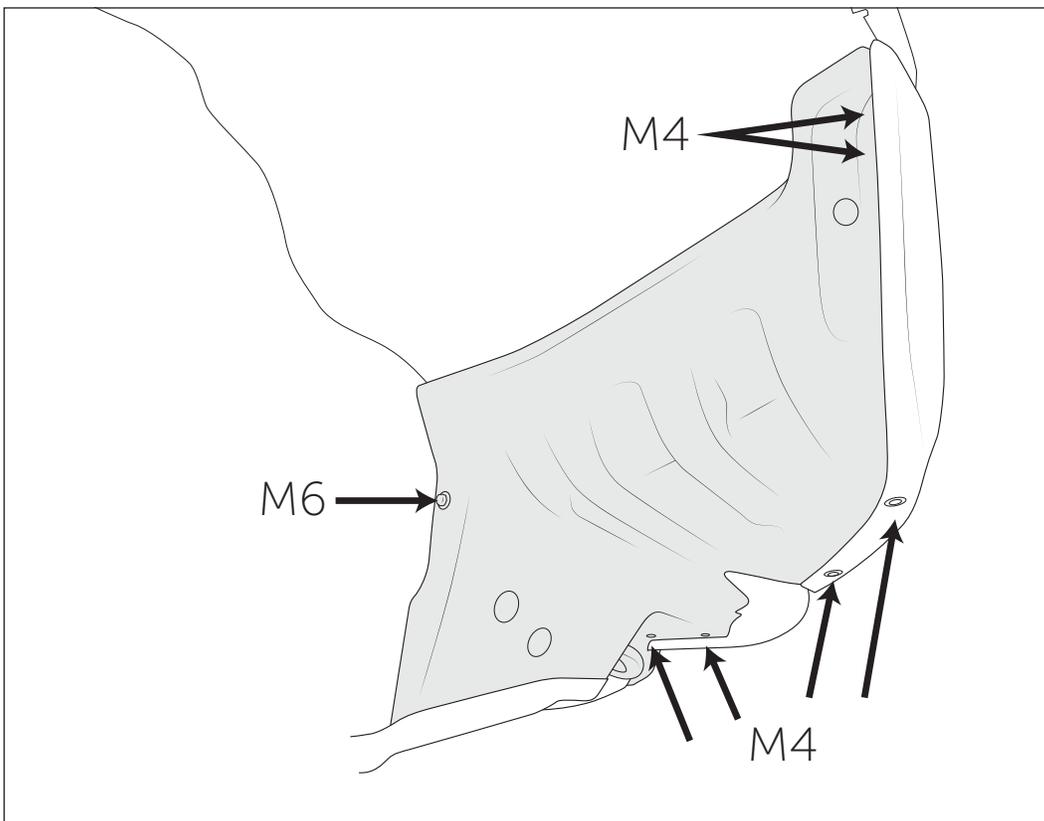


Figure 16



11. Install QTY 2 M6 U-Nuts on the front of skid plate (fig. 17).

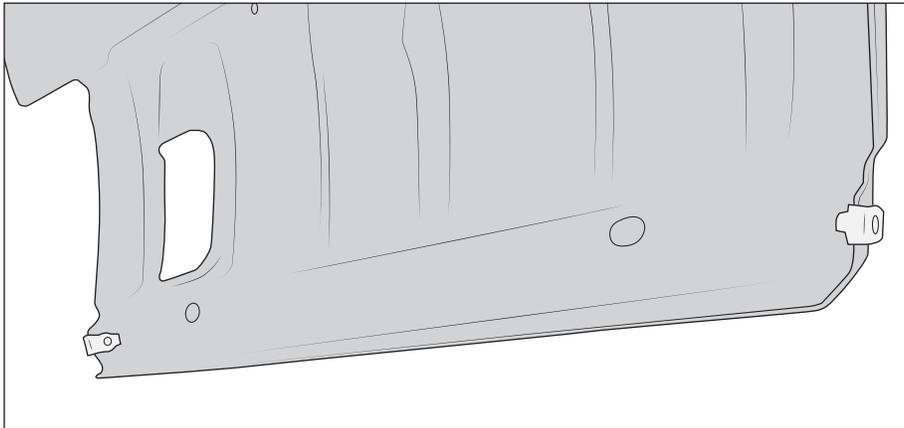


Figure 17

12. Install lower front skid plate loosely with the QTY 6 M10 bolts (fig. 18).

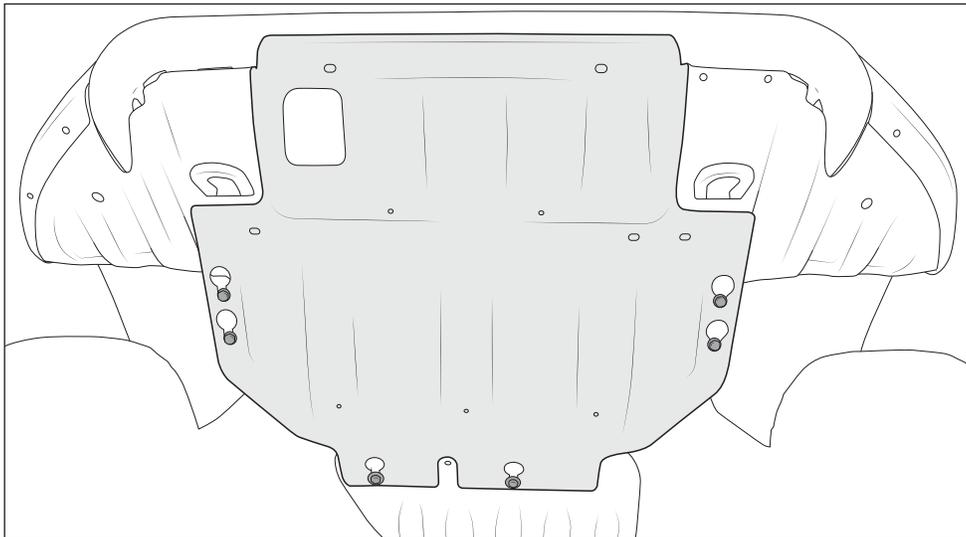


Figure 18

13. Install Bumper Skid with QTY 2 M10 hex bolts in the center and QTY 4 torx bolts in the bottom and sides (fig. 19).

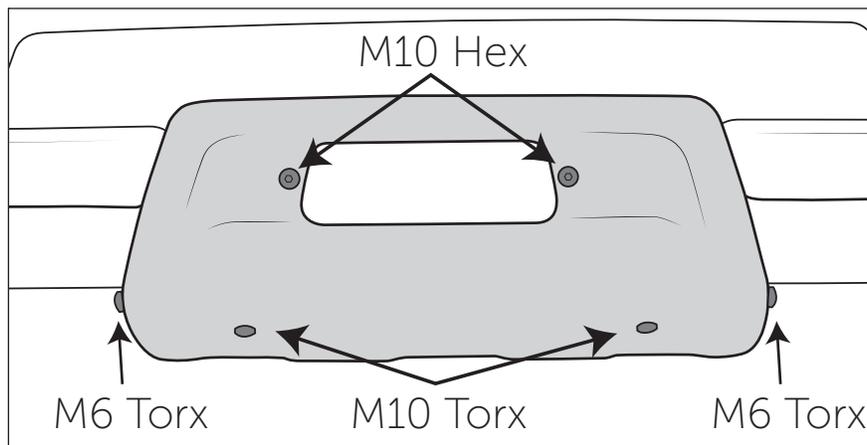


Figure 19



14. For Non-Winch applications, Install license plate carrier. Attach brackets under 2 M10 bolts from previous step. Use 4 M4 torx screws to attach license plate carrier to brackets (fig. 20).

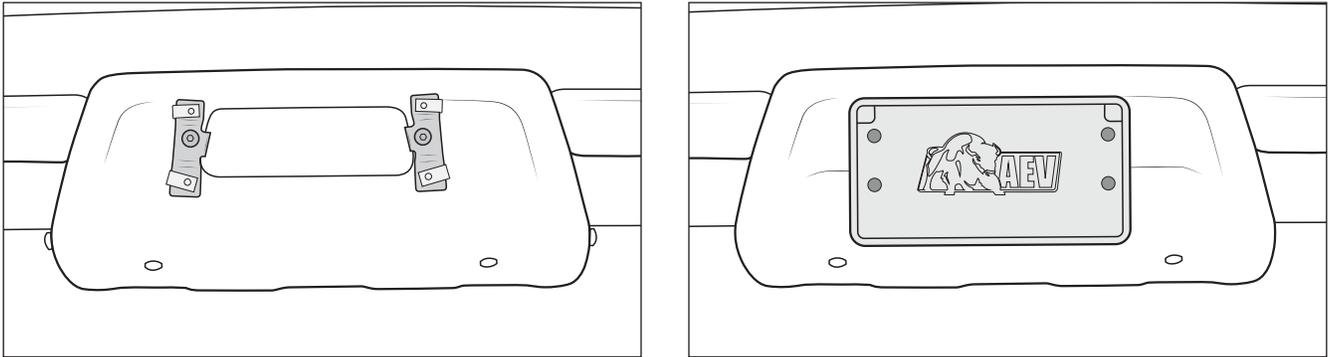


Figure 20

15. Trim Fender Flares (if not installing AEV Bison Fender Flares).

- A. Cut off the W Base Clip from the existing fender flare as needed so the flares will sit flush against the headlamp filler (fig. 21).
- B. Trim the front edge of the fender flares to sit flush (fig. 22).

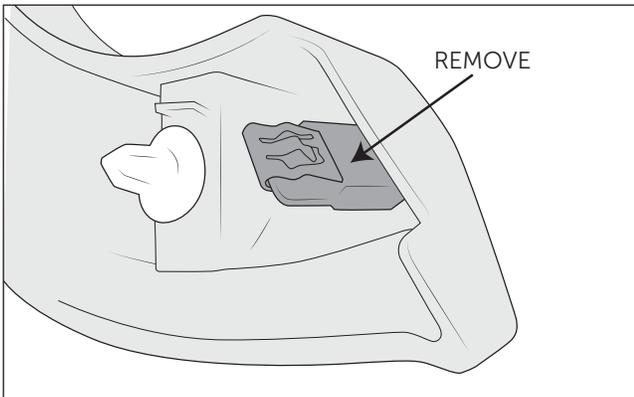


Figure 21

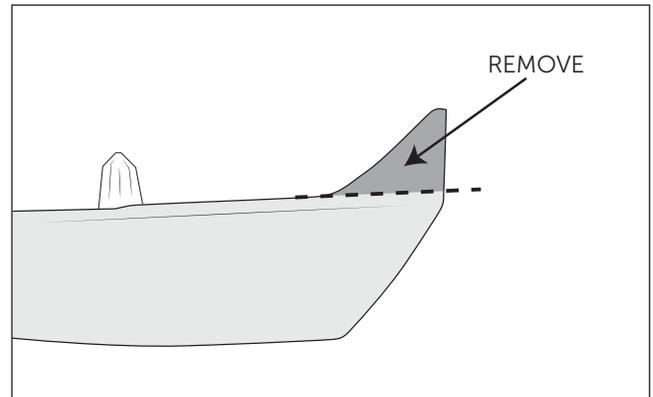


Figure 22

- C. Trim the bottom edge of the fender flares to sit flush with the paint ditch on the headlamp filler. This will allow an aftermarket bumper to flex without interference (fig. 23).

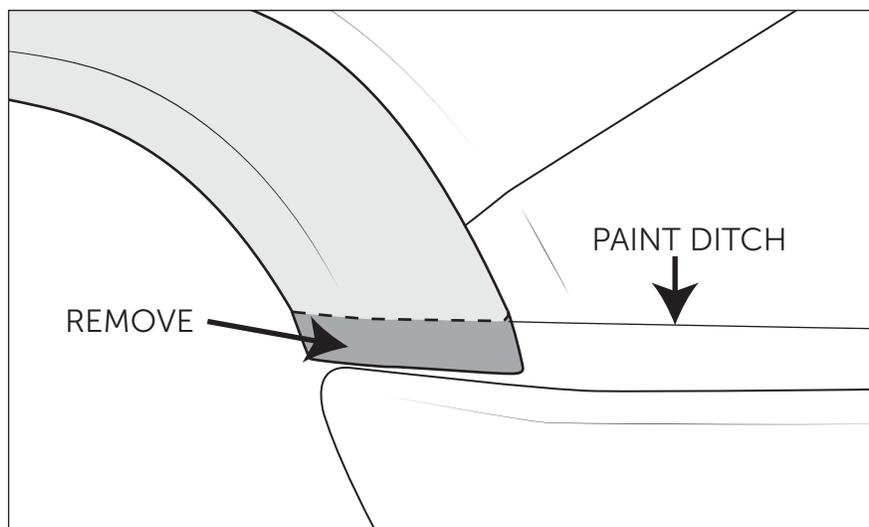


Figure 23