



WINCH MOUNT

2021+ COLORADO ZR2

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.

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REQUIRED TOOLS

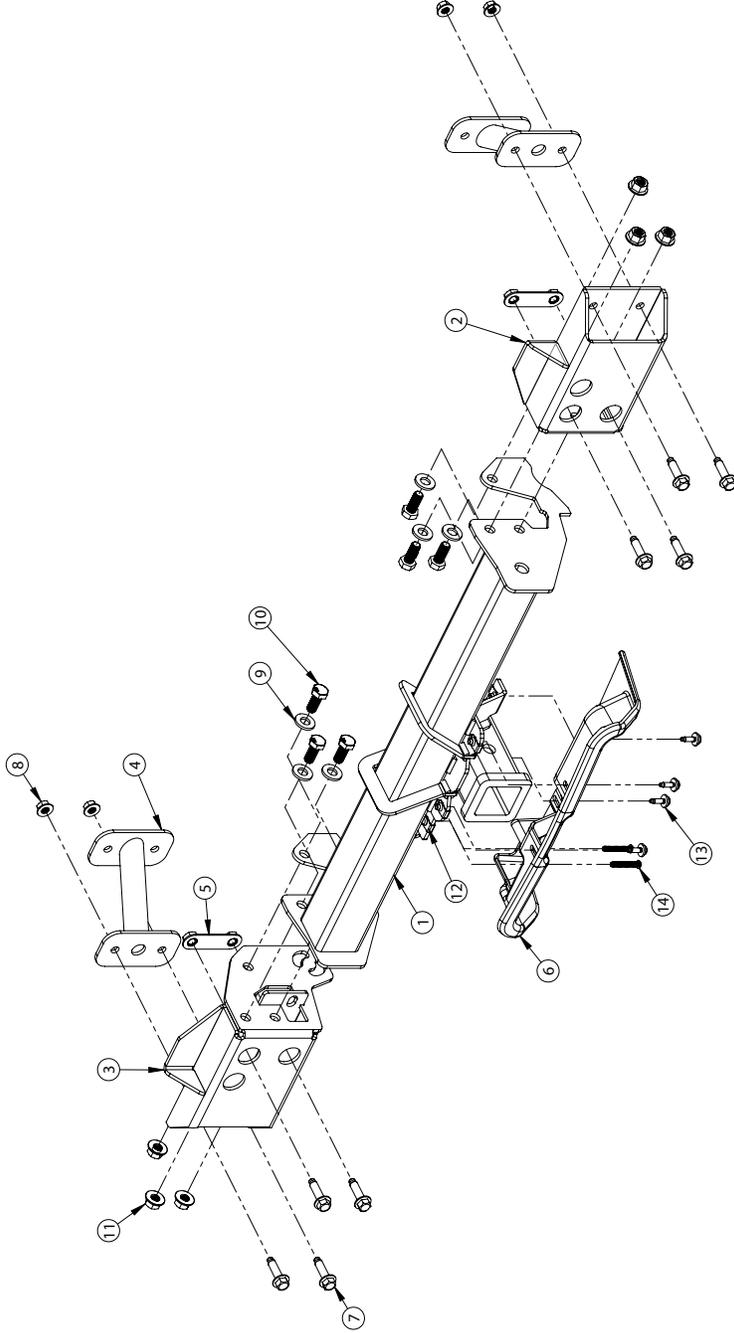
- Common Hand Tools
- Air Saw or Cut Off Wheel



WINCH MOUNT

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ITEM NO.	PartNo	DESCRIPTION	QTY.
1	AZRB0106AA	RECEIVER WINCH MOUNT	1
2	AZRB0101AA	LH FRAME HORN MOUNT	1
3	AZRB0100AA	RH FRAME HORN MOUNT	1
4	AZRB0104AA	CORNER CRASH BRACE	2
5	AZRB0103AA	NUT PLATE	2
6	AZRB01018AA	TRIM PANEL	1
7	11588740	M10 X 1.5 X 40 FLANGE BOLT	8
8	AEV93002AB	M10 X 1.5 FLANGE NUT	4
9	AEV98008AC	1/2 WASHER	6
10	AEV91037AA	M12 X 1.75 X 30 HCS	6
11	AEV93001AB	M12 X 1.75 FLANGE NUT	6
12	11548583	M6 X 1.0 U-NUT	6
13	11570779	M6 X 1.0 X 20 PAN HEAD BOLT	4
14	AEV91164AA	M6 X 1.0 X 40 SBHCS	2





I. DISASSEMBLY

1. Remove Front Fascia
2. Remove Factory Intrusion Beam

II. PREPARATION

1. Cut off the lower portion of the Factory Grill Support as shown (fig. 1).

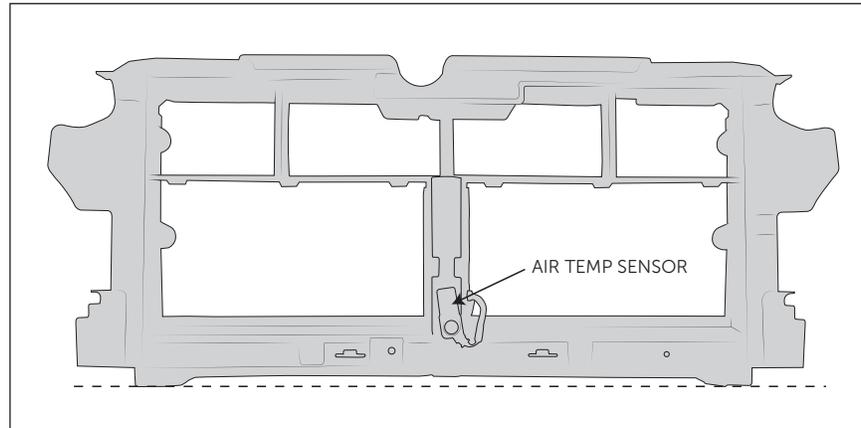


Figure 1

1. Trim Fascia
 - A. Cutout the provided template (PN: AEV30414AA)
 - B. Align the template to the license plate dimples on the front fascia (fig. 2).

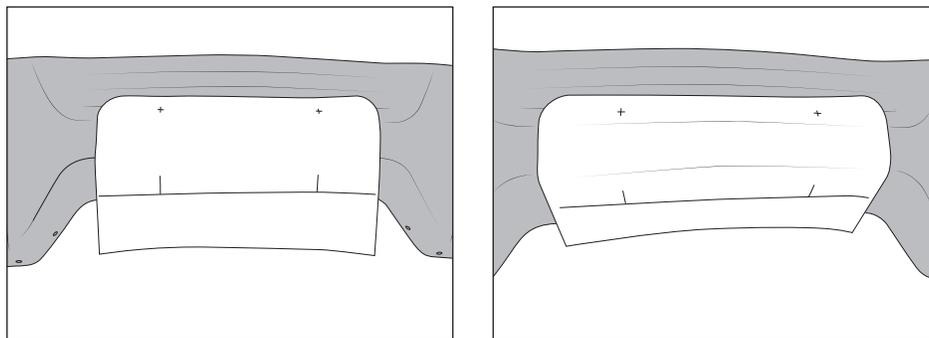


Figure 2

- C. Cut out the center for winch mount as directed on the template (fig. 3).

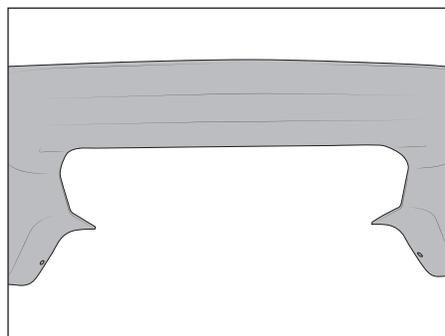


Figure 3



2. Install six M6 U-nuts onto the winch mount center section as shown (fig. 4).

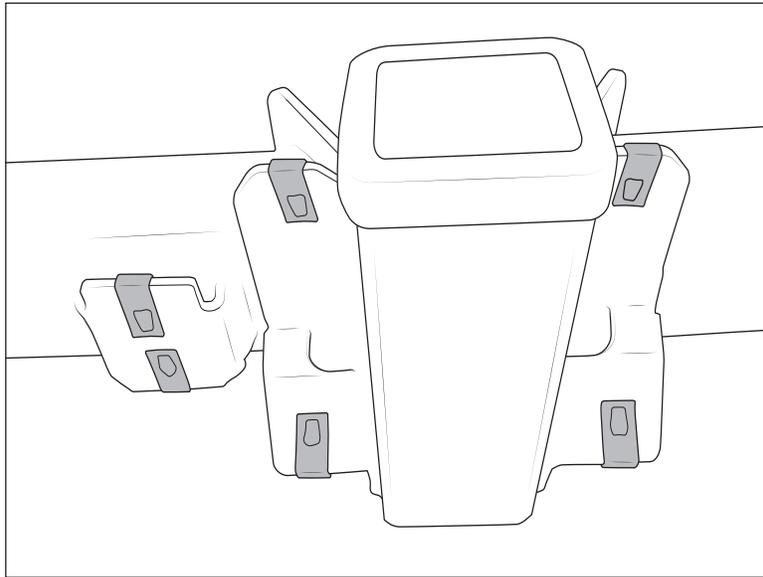


Figure 4

III. INSTALLATION

1. Install frame mount brackets using two M10 bolts in the factory locations (fig. 5).

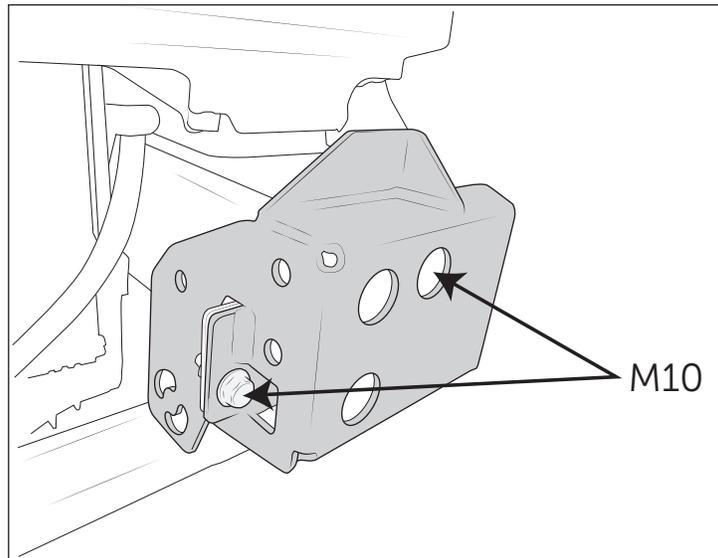


Figure 5: Driver-side Shown



2. Insert flag nut into frame rail and start two M10 bolts (fig. 6).

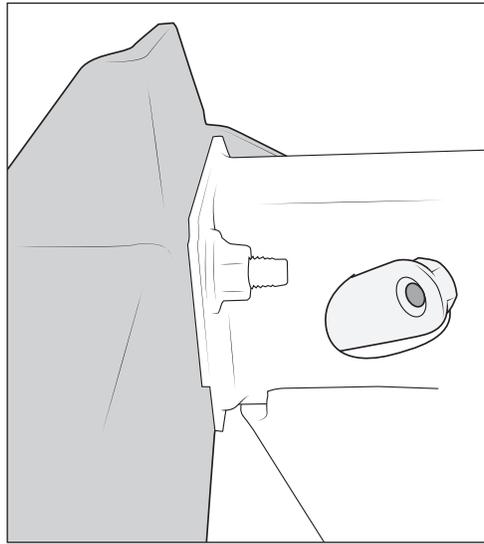


Figure 6

NOTE: Do Not install tow hooks at this point.

3. Install center section using three M12 bolts per side (fig. 7).

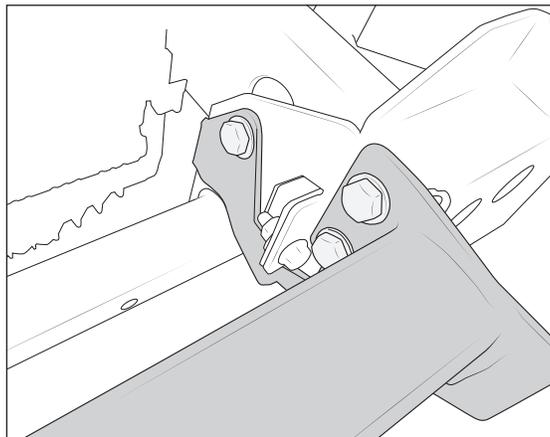


Figure 7: Driver-side shown



4. Reinstall tow hooks using factory hardware (fig. 8).

NOTE: tow hooks sits under bracket.

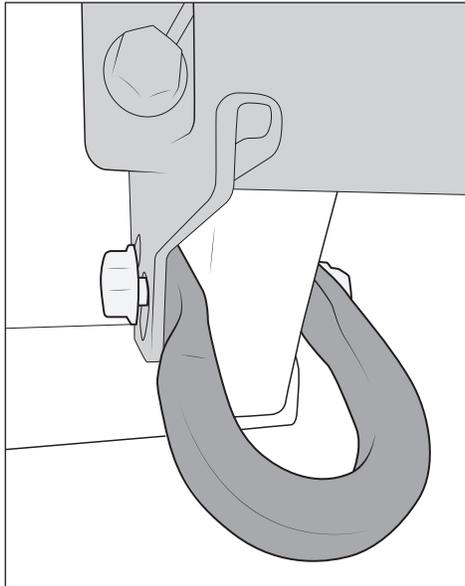


Figure 8

5. Tighten all fasteners. Torque M10 bolts to 43 ft-lbs and M12 bolts to 74 ft-lbs. Torque Tow Hook nuts to 118 ft-lbs. NOTE: while tightening pull upward on tow hooks.
6. Install side crush beams using two supplied M10 bolts and nuts (fig. 9). Torque nuts to 43 ft-lbs.

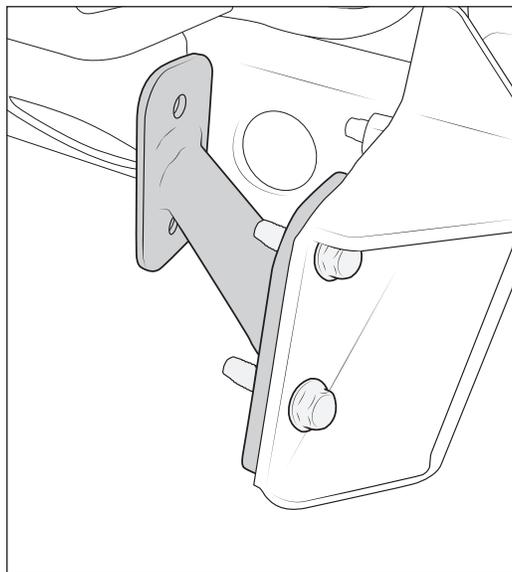


Figure 9: Passenger-side shown



- Trim the upper, inside corners of the factory foam and around tow hooks (fig. 10)

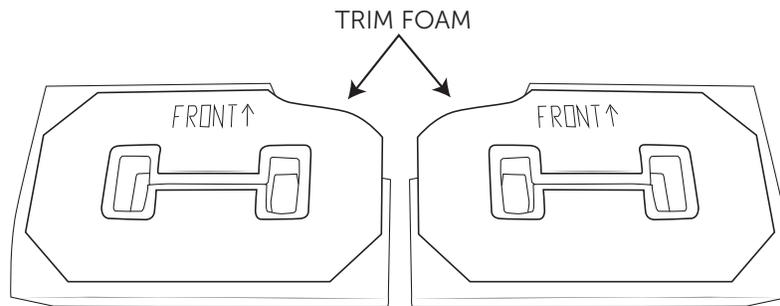


Figure 10

- Reinstall Factory Grill support.
- AEV recommends Warn Cradle mount 89990. This comes with Anderson connectors to wire winch. Refer to Warn Installation Instructions.
- Route Power and ground from Anderson connector below plastic fascia support, up below headlight and to battery (fig. 11). NOTE: do not connect battery yet!

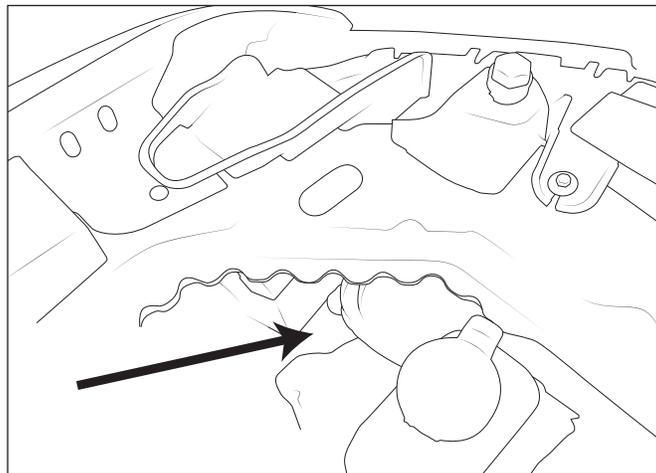


Figure 11

- Reinstall OEM Fascia
- Reinstall Front Skid Plate. NOTE: If using AEV's Front License Plate Mount (PN: 18060015), follow mounting instructions for that product first.
- Install Winch Closeout panel to vehicle using four M6 x 30 BHCS, torque to 7 lb-ft



14. Bolt Anderson connector to winch mount with two M6 x 40mm BHCS, Torque to 7 lb-ft. (Fig. 12).

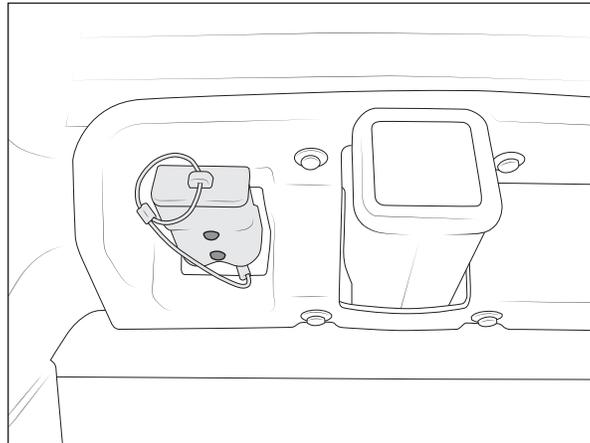


Figure 12

15. Connect winch power leads to battery
16. Trim the battery box and lid to make space for the positive winch connection (fig. 13).

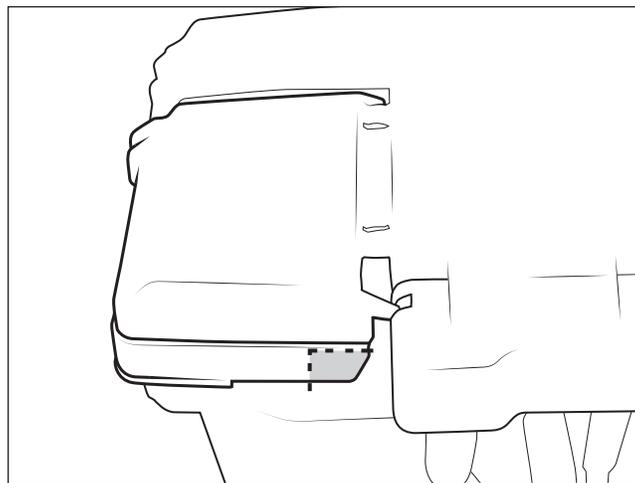


Figure 13



17. Attached positive line to battery.
18. Route the negative lead alongside the battery and connect to the negative terminal (fig. 14).

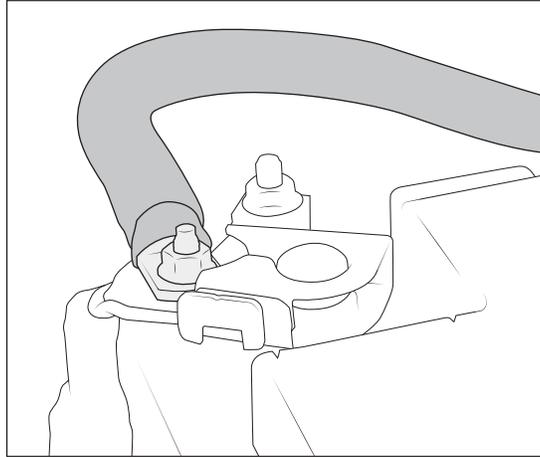


Figure 14

19. Install Winch in Cradle. AEV recommends AEV Winch Cradle (PN: 18060018AA) for storing winch and transporting winch while not in use.