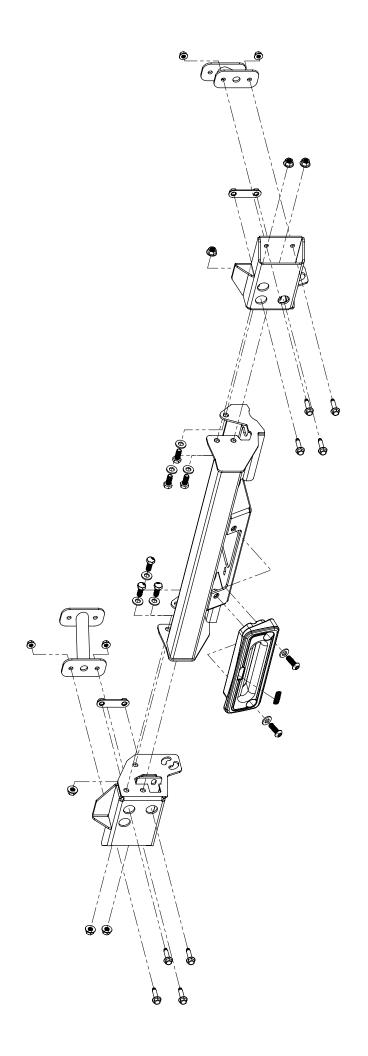


AEV30409AA Last Updated: 06/16/20





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
Center Section	1	Basic Hand Tools
Frame Mounts	2	Cut-off Wheel
Crush Beams	2	Rivet Gun
Fairlead	1	
Hardware Pack	1	



DISASSEMBLY - SAVE ALL HARDWARE

- 1. Remove Front Skid Plate.
- 2. Remove Factory Fascia.
- 3. Remove Factory Grill Support NOTE: We will cut and reuse this later.
- 4. Unclip Intake Air temp. NOTE: We will relocate this later.
- 5. Remove Factory Intrusion beam.
- 6. Remove factory tow hooks. SAVE tow hooks and hardware.

PREPARE VEHICLE

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

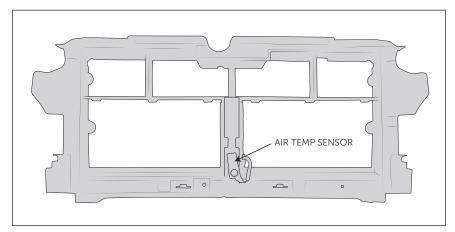


Figure 1

- 2. Drill a 3/16" hole and rivet in Air Temperature Sensor (fig. 1).
- 3. Align template (AEV30416AA) to the dimples on the fascia and cut hole for fairlead (fig. 2).

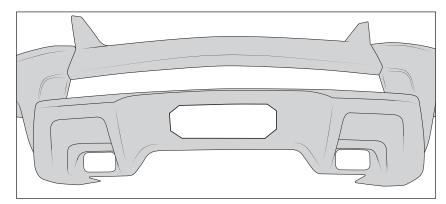


Figure 2

INSTALLATION

1. Install frame mount brackets using QTY 2 M10 bolts in the factory locations (fig. 3).

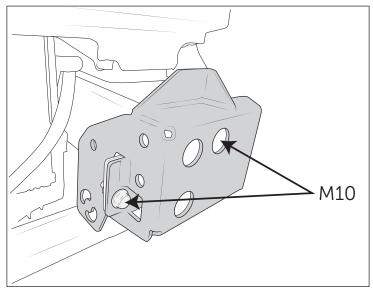


Figure 3: Driver-side Shown

2. Insert flag nut into frame rail and start QTY 2 M10 bolts (fig. 4).

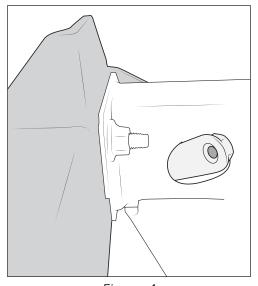


Figure 4

NOTE: Do Not install tow hooks at this point

3. Install center section using three M12 bolts per side (fig. 5).

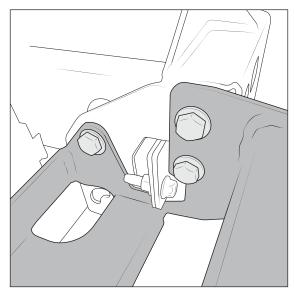


Figure 5: Driver-side shown

4. Reinstall tow hooks using factory hardware (fig. 6). NOTE: tow hooks sits under bracket.

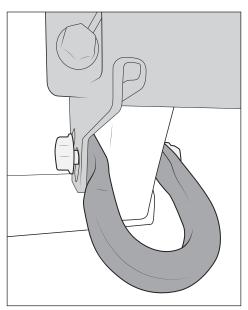


Figure 6

5. Tighten all fasteners. Torque M10 bolts to 43 ft-lbs and M12 bolts to 74 ft-lbs. Torque Tow Hook bolst to 118 ft-lbs. NOTE: while tightening pull upward on tow hooks.

- 6. Install winch into Center Section using the hardware provided with the winch. NOTE: Attach ground wire to winch BEFORE fastening winch in place.
- 7. Install side crush beams using two supplied M10 bolts and nuts (fig. 7). Torque to 43 ft-lbs.

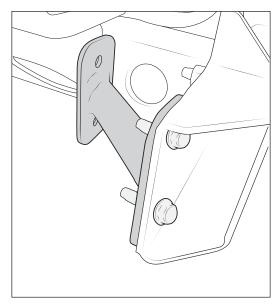


Figure 7: Passenger-side shown

- 8. Route Wiring. If using AEV Warn Mounting Kit (PN: 18060016) See I Sheet AEV30411AA for that product.
- 9. Trim the upper, inside corners of the factory foam and around tow hooks (fig. 8)

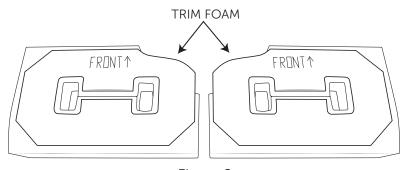
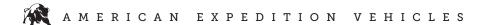


Figure 8

- 10. Reinstall Factory Grill support.
- 11. Reinstall fascia.
- 12. Reinstall Front Skid Plate. NOTE: If using AEV's Front License Plate Mount (PN: 18060015), follow mounting instructions for that product first.



- 13. Install AEV badge onto Fairlead. Clean surface with supplied alcohol wipe, apply badge with firm pressure for 30 seconds.
- 14. Install fairlead using two supplied M12 bolts (fig. 8). Torque to 74 ft-lbs.

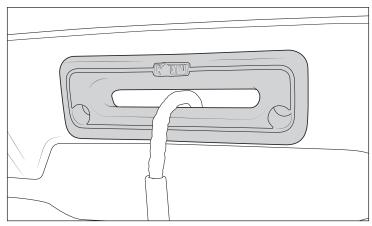


Figure 8

15. Install winch hook. AEV recommends using our Winch Hook Isolator (PN: 80808014AA).