INSTALLATION INSTRUCTIONS
ELITE FRONT BUMPER

Part Numbers: 101335; 101337; 101325 AND 101330

Application: Jeep JL 2018+

GENERAL SAFETY PRECAUTIONS

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. WARNING and CAUTION are signal words that identify the level of hazard. These signal words mean:

⚠WARNING signals a hazard that could cause serious injury or death, if you do not follow recommendations. ⚠ CAUTION signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses NOTICE to call attention to important mechanical information, and Note: to emphasize general information worthy of special attention.

⚠ WARNING

Impact and Moving Parts Entanglement Hazard

FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO SEVERE INJURY OR DEATH

- Always Know Your Winch. Take time to fully read the Instructions and/or Operations Guide, and/or Basic Guide to Winching Techniques, in order to understand your winch and its operations.
- Never work under vehicle before properly securing vehicle.
- Always use appropriate and adequate care in lifting components into place.
- Never work under vehicle before properly securing vehicle.
- Always use appropriate and adequate care in lifting components into place.
- Never use a jack to support the vehicle.
- Always use jack stands in pairs to support the vehicle.
- Always use jacks or jack stands only on a hard, stable, and level surface.
- Never exceed the rated capacity of a jack or jack stands.
- Always verify that the parking brake is set, the transmission is in park (automatic) or reverse (manual) and the rear wheels are blocked before working on vehicle.
- Never work under vehicle before properly securing vehicle.
- Always use appropriate and adequate care in lifting components into place.
- Always insure components will remain secure during installation and operation.
- Always tighten all nuts and bolts securely, per the installation and operation.
- Always perform regular inspections and maintenance on the winch, winch mount and related hardware.
- Always replace all worn or damaged parts before operating.
- Never operate this WARN product with damaged or missing parts.
- Always use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when / if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire or personal injury.
- Always use extreme caution when cutting and trimming during fitting.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- Always remove jewelry and wear eye protection.
- Never lean over battery while making connections.
- Never route electrical cables across any sharp edge, through or near moving parts, near parts that become hot.

Read installation and operating instructions thoroughly.

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Clackamas, OR USA 97015-8903, 1-503-722-1200, FAX: 1-503-722-3000
Customer Service: 1-800-543-9276
Dealer Locator Service: 1-800-910-1122
International Sales/Customer Service: 1-503-722-3008
International Fax: 1-503-722-3005

⚠ CAUTION

Moving Parts Entanglement Hazard

FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO MINOR OR MODERATE INJURY

- Part edges may be sharp!
- Always use proper posture / lifting technique or get lifting assistance while handling and installing product.

Read installation and operating instructions thoroughly.

NOTICE

Equipment Damage

- Never tow vehicle by attaching a tow bar to the eyelets on the bumper.
- Do not attach tow bars directly to the bumper. Damage to bumper may occur. WARN bumpers are not designed to be used for flat towing. Consult with the manufacturer of your tow bar system for the proper vehicle tow bar brackets..

Read installation and operating instructions thoroughly.

NOTES

The Warn Elite Bumper for the Jeep JK will accept a large range of mid frame winches with up to 12,000 lb. capacities. The Bumper has been designed to accommodate the standard 4-1/2 x 10" feet down mounting pattern as well as the 4-1/2 x 6" short drum pattern. The Warn PowerPlant, 8274 and 9.5 CTI are NOT compatible with this bumper.

BEFORE YOU BEGIN

- The Elite Bumper provides standard 4 ½" x 10" and 4 ½" x 6" short drum mounting holes. Installation of some winches may require sheet metal trimming. The Warn ZEON winches require trimming of both mounting flanges, instructions for doing so are included.
- Full width Elite Bumpers are compatible with factory fog lamps using provided brackets. Stubby Elite Bumpers do not reuse factory fog lamps. Both Elite Bumpers provide mounting locations for aftermarket lights on the top of the bumper.
- Both Elite Bumper styles are not compatible with the factory skid plate. It will not be reinstalled after installation of the Warn Elite Bumper.

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TOOLS REQUIRED

- **Ratchet, extensions, universal**
- **Sockets: Standard and Metric**
- **End Wrenches: Standard and Metric**
- **Phillips Screwdriver**
- **Metal cutting saw**

TORQUE SPECIFICATIONS

Please use the recommended torque specifications when assembling this product unless otherwise specified in the instructions.

FASTENER SIZE	*FASTENER TORQUE*		*FASTENER SIZE*	*FASTENER TORQUE*	
	lb-ft	*(N.m)*		*lb-ft*	*(N.m)*
1/4"	*8*	*(11)*	*M4*	*(2)*	*3*
5/16"	*17*	*(23)*	*M5*	*(4.5)*	*6*
3/8"	*30*	*(40)*	*M6*	*(7.5)*	*10*
7/16"	*48*	*(66)*	*M8*	*(18)*	*25*
1/2"	*74*	*(100)*	*M10*	*(37)*	*50*
9/16"	*106*	*(144)*			
5/8"	*148*	*(200)*			
3/4"	*269*	*(364)*			

PARTS LIST

ID	Part No.	Description	Qty
A1	VARIES	WINCH BUMPER WELDMENT	1
A2	101343	FOG LIGHT BRACKET LH	1
A3	101342	FOG LIGHT BRACKET RH	1
A4	101341	WINCH PLATE BRACKET LH	1
A5	101340	WINCH PLATE BRACKET RH	1
A6	101447	FRAME DOUBLER PLATE	2

ID	Part No.	Description	Qty
B1	101259	PUSHNUT BOLT RETAINER 1/2"	6
B2	100772	PLUG 3/8" PLASTIC	6
B3	93078	M10-1.50 X 25 FLANGE HEAD GR8.8	4
B4	90846	PLUG 1" PLASTIC	4
B5	87166	NUT FLANGE LOCKING M10-1.50	12
B6	83125	NUT FLANGE LOCKING M6-1.0	4
B7	81707	M10-1.5 X 40 CARRIAGE BOLT GR8.8	8
B8	78648	M8-1.25X20MM FLANGE HEAD BOLT	2
B9	71588	NUT FLANGE LOCKING M8x1.25	2
B10	101412	1/2-13 X 2 CARRIAGE BOLT GR 5	6
B11	64108	M6-1.0 X 25-FLANGE HEAD BOLT GR8.8	4
B12	29060	NUT LOCKING 1/2-13	6
B13	9213	WASHER 1/2 PLAIN	6
B14	82351	M4-0.7 X 16-SOCKET HEAD BOLT SS	4
B15	93575	NUT LOCKING M4-0.7	4

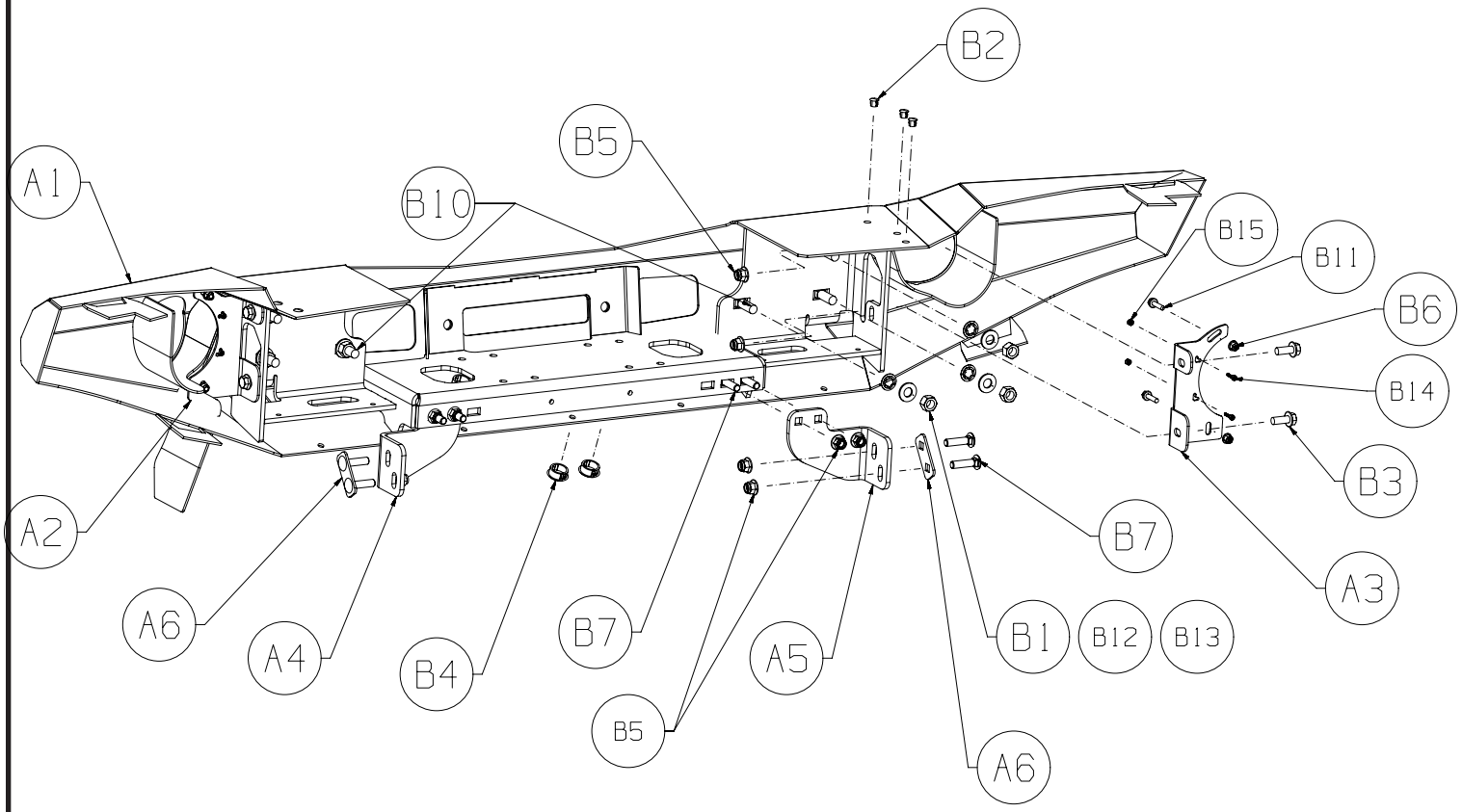




Figure 1

REMOVAL (STEEL BUMPER MODELS)

1. Remove fascia plate, located behind the bumper, by using a small screwdriver to pry the two clips (one on each side) up and out of plate. ***NOTE: You will not be reinstalling fascia plate.***



Figure 2

2. Using a 13mm socket, remove bolts securing skid plate to bumper and frame.

   Once all bolts (7 total) are removed, remove skid plate completely. ***NOTE: Retain hardware for when the skid plate is reinstalled.***



Figure 3

REMOVAL (PLASTIC BUMPER MODELS)

1. Remove fascia plate trim clips, located behind the bumper, by using a small screwdriver to pry the two clips (one on each side) up and out of plate.



Figure 1

2. Uninstall the OE skid plate by removing the plastic push clips attaching it to the bumper (Qty 8) and the bolts holding it to the frame (Qty 2).

   NOTE: The OE skid plate is incompatible with the Warn bumper and will not be reused.

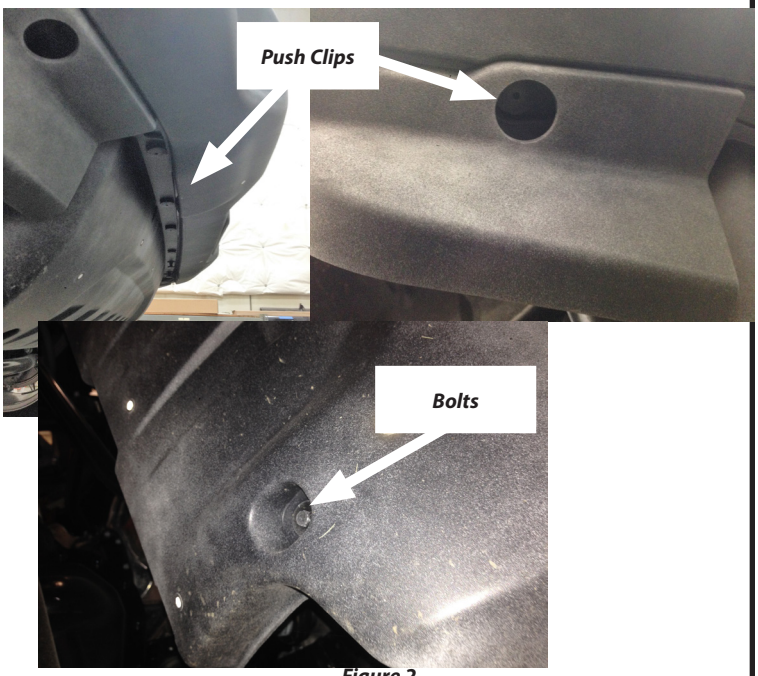


Figure 2

3. Uninstall the OE skid plate support by removing the two (2) bolts holding it to the frame. ***NOTE: The skid plate support will not be reused.***



Figure 3

4. Disconnect the fog light wire harness, located along the frame rail on the passenger side of the vehicle.

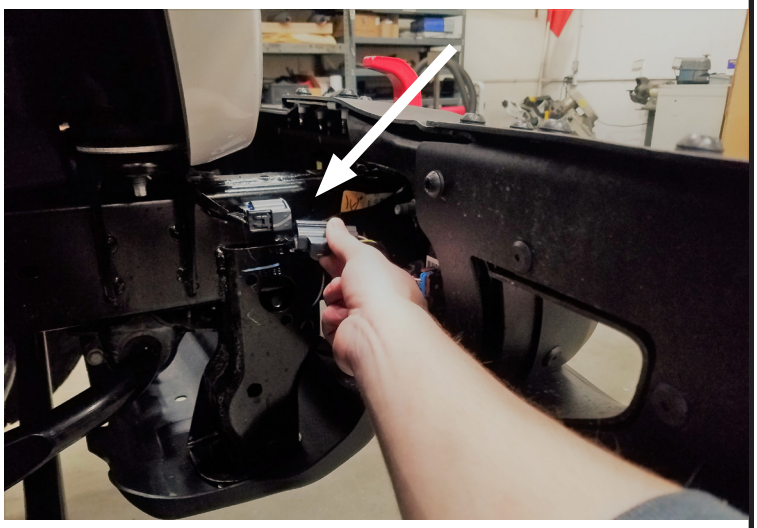


Figure 4

5. Use an 18mm socket to remove the nuts (qty. 8) from the OE bumper.

   There will be two on the inside and on the outside of each frame rail (both sides) as shown in Figures 5 and 6.

   NOTE: Sport and Sahara similiar

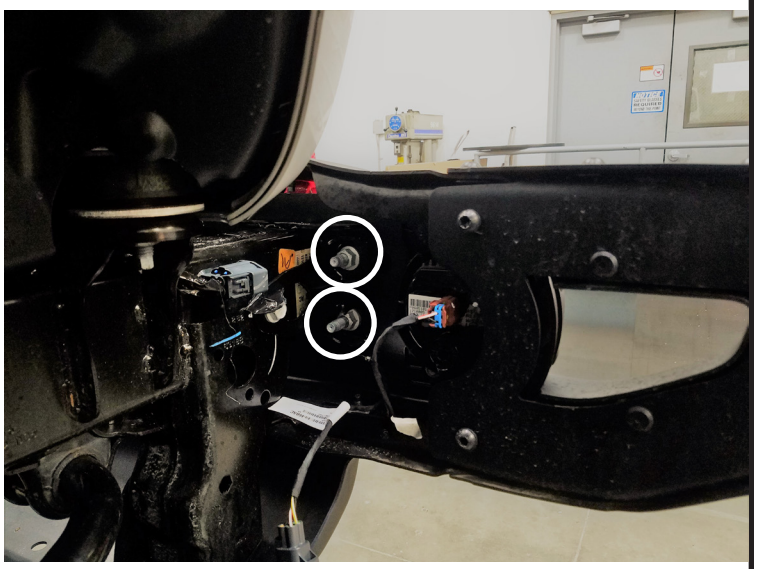


Figure 5

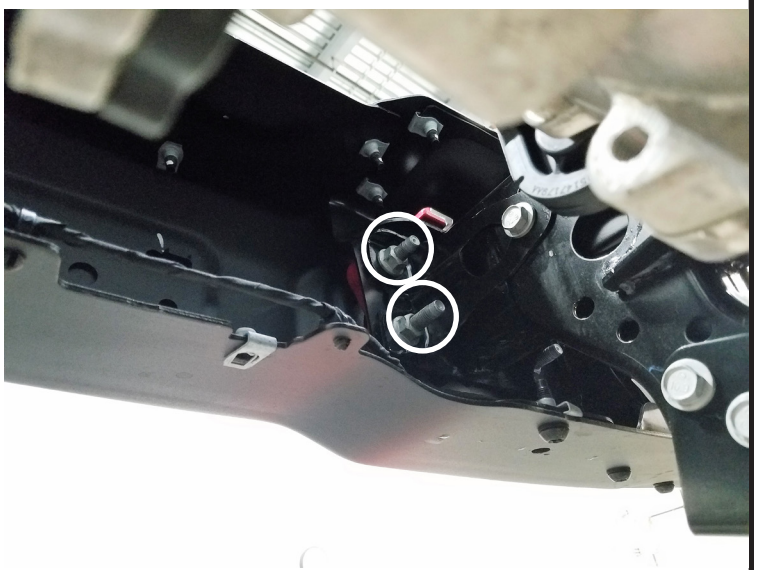


Figure 6

⚠ CAUTION

- **Always** use assistance when moving or lifting heavy parts.

1. With assistance, carefully remove the bumper and place it on a clean stable surface.



Figure 7

2. Install the six 1/2" carriage bolts (B10) into the bumper mounting slot (three each side).
   IMPORTANT: Be sure that bolts are completely seated in bumper

3. Using a socket, secure bolt to bumper with push nut (B1).
   TIP: Use an end of a tool to hold the back side of each bolt in place while you secure push nut.

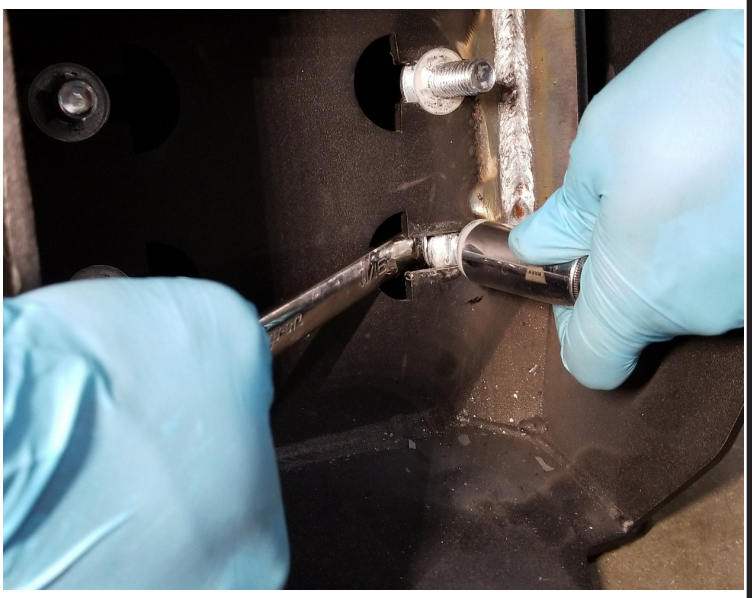


Figure 8

FOR FULL WIDTH BUMPERS ONLY:

4. If planning on reusing fog lights, be sure to remove from stock bumper.

   NOTE: Sport and Sahara similar

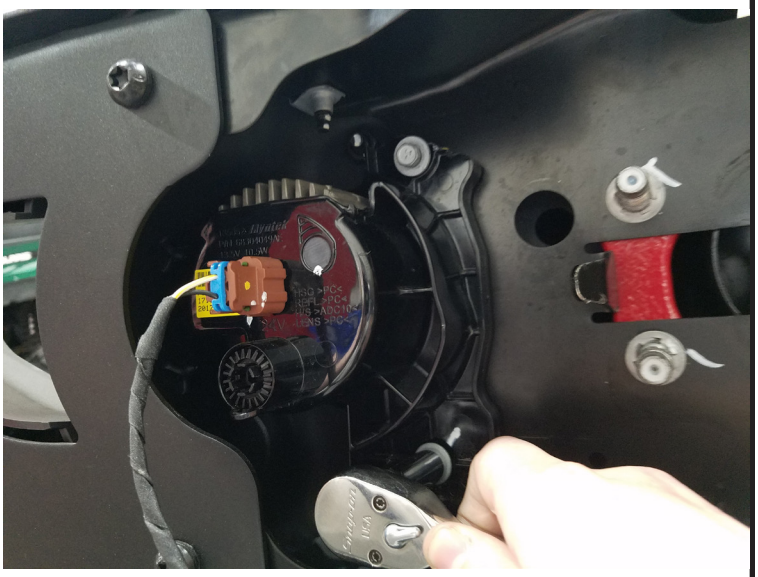


Figure 9

5. The fog light must be trimmed to match the supplied fog light bracket as shown.



Figure 10

6. Attach LED fog light to supplied bracket (A2 and A3) with two M6 flange head bolts (B11) and M6 locking flange nut (B6).

   Attach HALOGEN fog light to supplied bracket (A2 and A3) with two M4 flange head bolts (B14) and M4 locking nut (B15).

   NOTE: Halogen Fog light housing may be trimmed to install further forward into bumper light shroud.



Figure 11

7. Once installed in brackets, attach both fog lights to bumper with M10 flange bolts and nuts (B3 & B5).



Figure 12

8. Use a small flat head screwdriver to pry wire harness clips upward.

9. Disconnect fog light harness Christmas tree clips from the bumper. ***NOTE: The wire will hang loosely, but will later be secured to winch plate.***

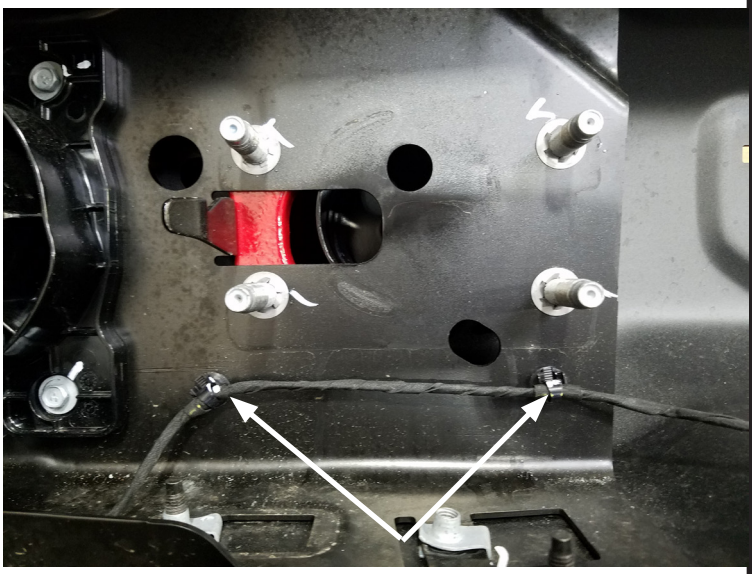


Figure 13

10. Clip fog light harness into WARN bumper using the provided holes.



Figure 14

FOR STEEL BUMPERS:

11. If equipped, remove the four bolts (two on each side) that attach the two skid plate mounting brackets to the frame. ***NOTE: Retain hardware and brackets for winch plate bracket installation.***

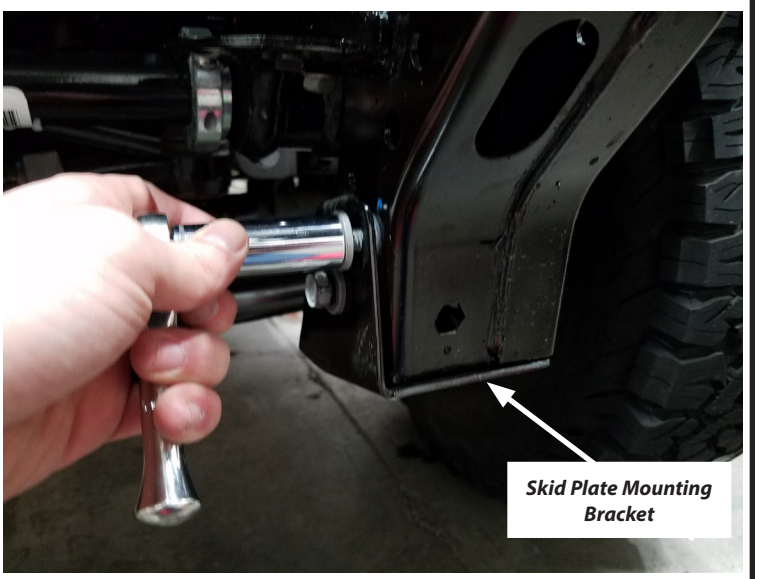


Figure 15

(ALL BUMPER MODELS)

12. From the inside of the frame, remove the two nuts and the frame horn bolt holding the (inner) frame support gussets.

13. Remove inner support gussets. NOTE: The gussets and hardware will not be reused.

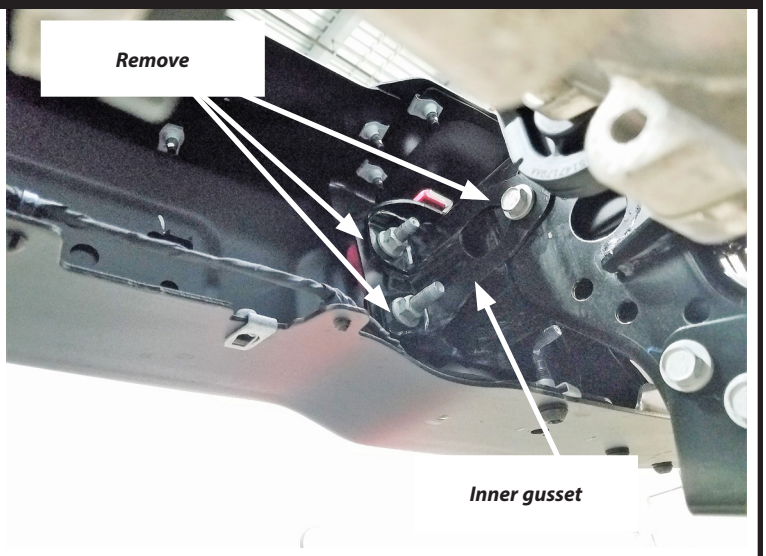


Figure 16

14. To accommodate ZEON winches, the frame rails will need to be trimmed. Mark the frame rail as shown.

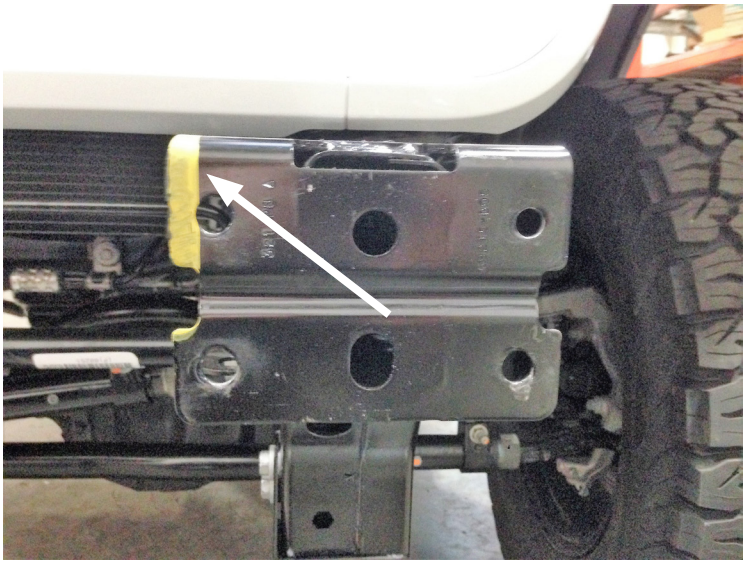


Figure 17

15. Carefully trim the frame. *TIP: Paint the exposed metal to prevent corrosion.*

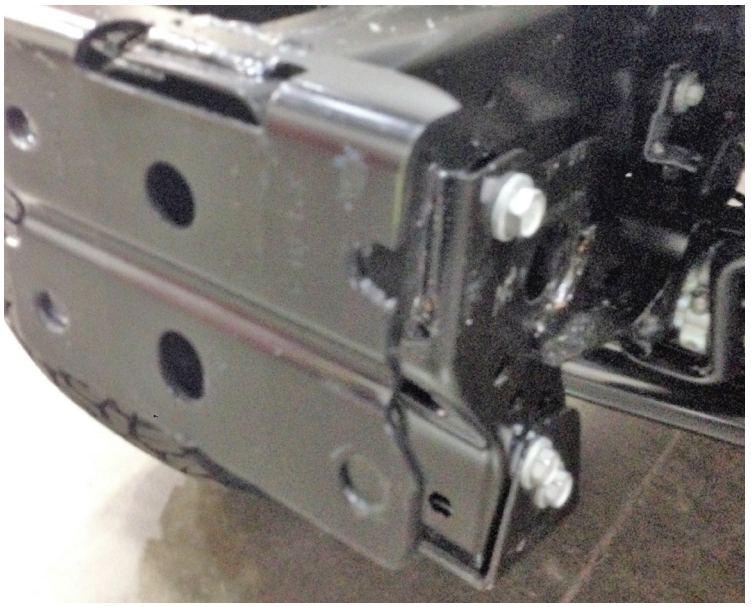


Figure 18

16. Due to the tight fit of the winch, it is recommended to install the fairlead before installing the winch. Follow fairlead installation instructions.



Figure 19

17. Install the winch plate brackets (A4 and A5) onto the winch tray using M10 carriage bolts (B7) and flange nuts (B5) as shown. *Do not fully tighten the hardware at this time.*

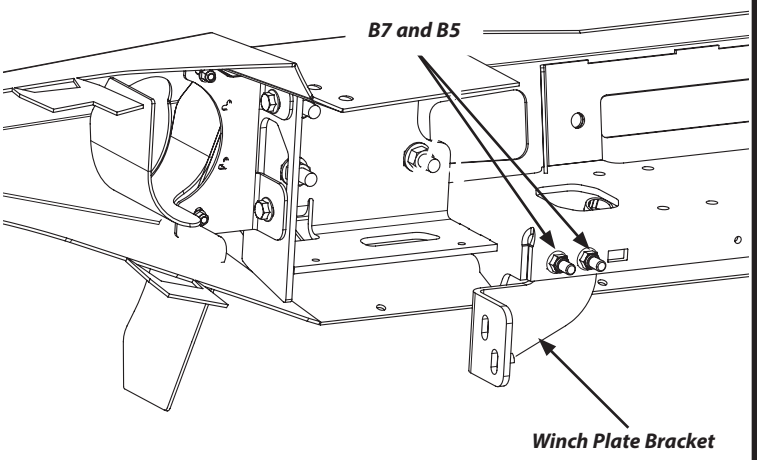


Figure 20

⚠ CAUTION

- **Always use assistance when moving or lifting heavy parts.**

18. With assistance, carefully lift the bumper onto the frame rails. Center bumper and fasten to frame using the six 1/2" washers (B13) and nuts (B12). Torque to recommended values on page 3.



Figure 21

19. **(STEEL BUMPER MODELS)** Attach winch mounting plates and factory skid tray mounting brackets to frame using the factory hardware as shown. Torque factory hardware to Jeep specifications.

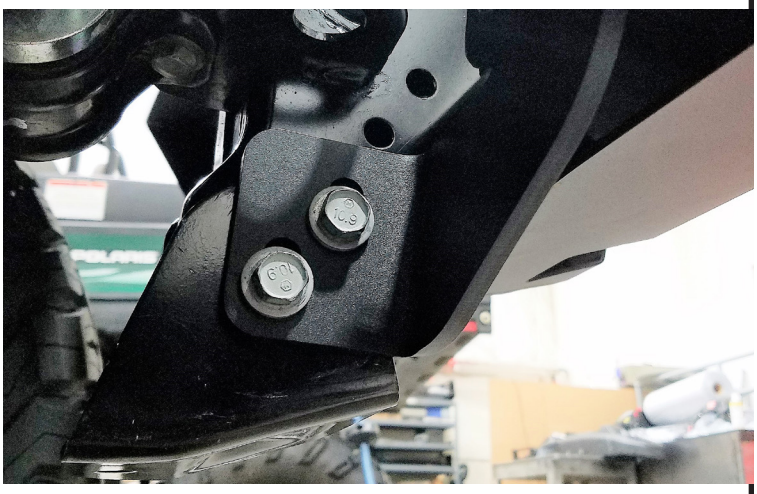


Figure 22

20. Insert a carriage bolt (B7) into one hole of frame doubler plate (A6).
21. Place doubler plate onto frame, inserting carriage bolt into upper frame hole.
22. Insert second carriage bolt (B7) through doubler plate and lower frame hole. Repeat for both sides of vehicle.

    Secure with two nuts (B5).

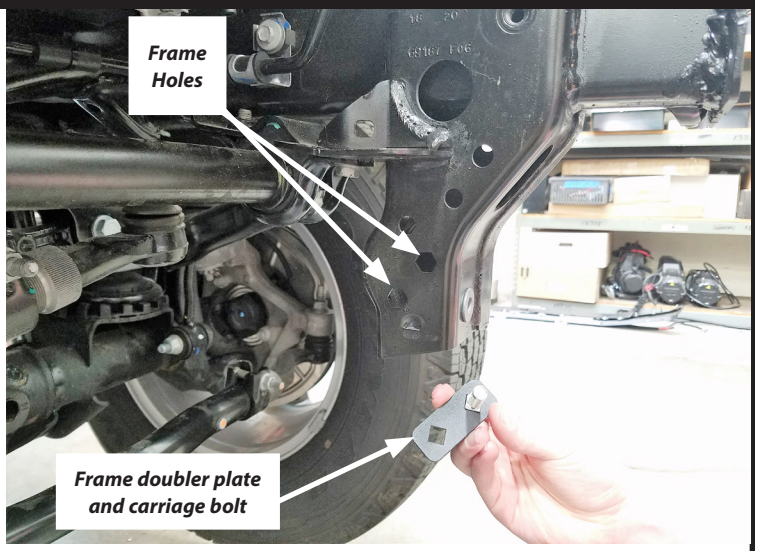


Figure 23

23. **(PLASTIC BUMPER MODELS)** Attach winch mounting plates to frame rails using supplied hardware as shown. Torque factory hardware to Jeep specifications.

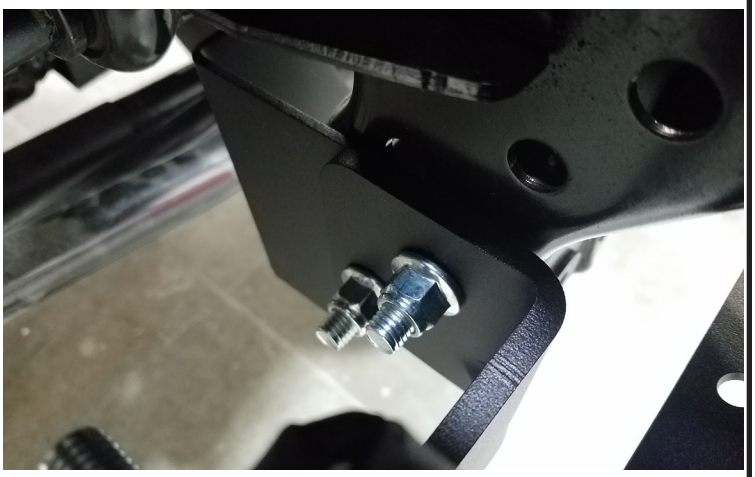


Figure 24

ALL BUMPER MODELS

24. Install winch according to winch installation directions.
25. Fully tighten the bolts attaching the winch plate brackets to the winch plate.
26. Route the winch ground and power wires up to the battery. Make sure to keep the wires clear of any areas with extreme heat or any moving parts. Secure the cables with zip ties if necessary.
27. Reconnect the plug for the fog light harness.
28. If aftermarket lights are being installed, holes are provided on top of the bumper. Use provided plugs if aftermarket lights will not be used.
29. Install the license plate to the bottom face of the bumper with included hardware.
30. Install access hole plugs into bottom face of the bumper.
31. Installation has been completed.



Figure 25

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.