



Installation Instructions

A2L Series – Front Replacement 2019 - Current RAM 1500

I. SAFETY

THE SAFETY OF YOU AND OTHERS IS VERY IMPORTANT TO US!

In order to minimize this risk and make an informed decision about safety, it is important that you carefully read and follow the installation instructions we have provided.

We urge you to use your own good judgment and allow plenty of time for install.

II. HAZARD CHECKLIST

- Always wear personal protective equipment (PPE) such as: protective eye wear, gloves, close toed shoes, etc.
- We recommend that you use a certified mechanic or shop for professional installation.
- Always set emergency brakes on vehicle and use tire blocks to ensure vehicle stabilization.
- Use caution when lifting, we recommend the use of equipment to help lift bumpers into place.
- Use caution when using power tools such as air ratchet, etc.
- Take caution when installing wiring.
- Perform regular inspections of hardware, bolts, brackets, etc.
- Rigid light brackets are specifically designed to fit Rigid lights, we do not guarantee off brand fitment.
- Our winch mount is designed for Warn and Superwinch products. We do not guarantee off brand fitment.

III. USE & RISK

Bodyguard Products LLC is not responsible for damage to our products, or other subsequent damage that might occur, as a result of misuse or improper installation. While we do manufacture products that appear stronger than factory parts, our products should not be viewed or relied upon as life-saving devices in the event of a collision or rollover. We make no claims relating to airbag compatibility, crashworthiness, or sturdiness. It is the customer's responsibility to check with the vehicle manufacturer or auto dealer regarding airbag compatibility and automobile manufacturer's warranty before installing our products.

IV. PREPARATION

- Ensure personal safety by checking for hazards and identifying risks.
- Check for correct hardware.
- Check for tools needed.
- Use either foam or tape on fenders to prevent scratches to the truck when installing your bumper.
- Please allow approximately 3-4 hours for installation.



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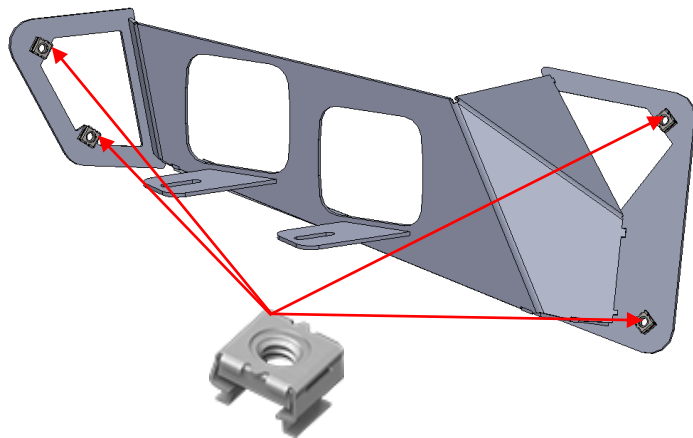
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V. HARDWARE KIT

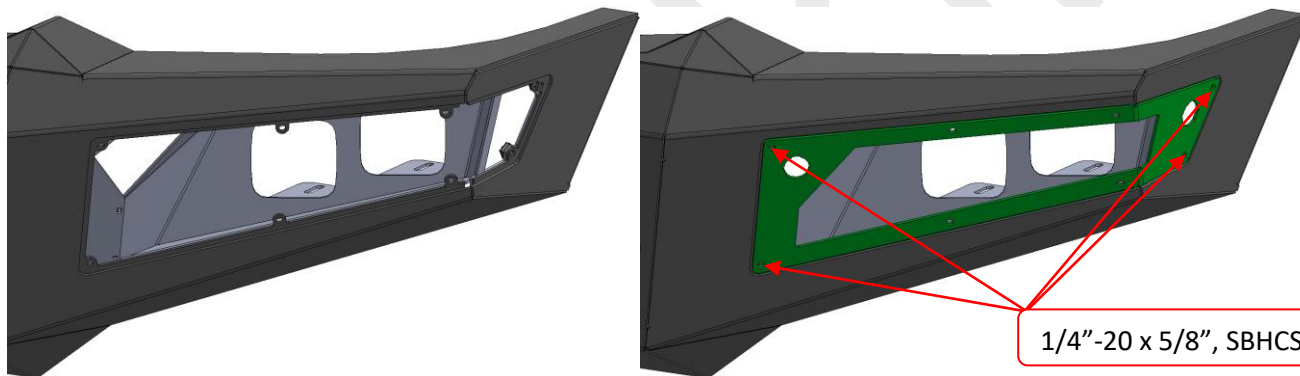
UNIVERSAL		
A2L-HK-FCS	A2L Front Center Section:	Qty
	1/4-20 x 5/8 Long, Stainless Steel SBHCS	20
	1/4-20 (.093-.126: Panel Range) Zinc Electroplate Spring Steel Cage Nut	20
A2L-HK-FFL	A2L Front Fog Light	Qty
	1/4-20 x 5/8 Long, Stainless Steel SBHCS	15
	1/4-20 (.093-.126: Panel Range) Zinc Electroplate Spring Steel Cage Nut	15
A2L-HK-FLP	A2L Front License Plate	Qty
	Plastic License Plate Nuts	4
	1/4-20 x 3/4 Long, Stainless Steel SBHCS	2
	1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel	4
	#14 x 5/8" Zinc License Plate Screw	4
A2L-HK-FLB	A2L Front Light Bar Mount	Qty
	1/4-20 x 5/8 Long, Stainless Steel SBHCS	6
	1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel	6

A2L-HK-DL19	A2L Front Mount Kit 2019+ RAM 1500	Qty
	7/16"-14 x 1-1/4" Yellow Zinc Grade 8 Bolt	12
	7/16 Washer, Grade 8 Zinc-Yellow	24
	7/16-14 Grade 8 Steel Serrated Flange Nut Zinc	12
	1/4-20 x 5/8 Long, Stainless Steel SBHCS	4
	1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel	8

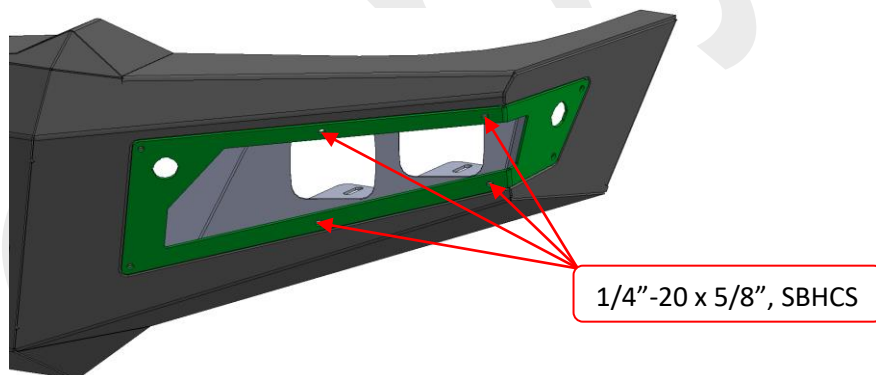
VI. FOG LIGHT INSTALLATION



1. Install **4x 1/4-20 Cage Nut** onto each fog light bucket.

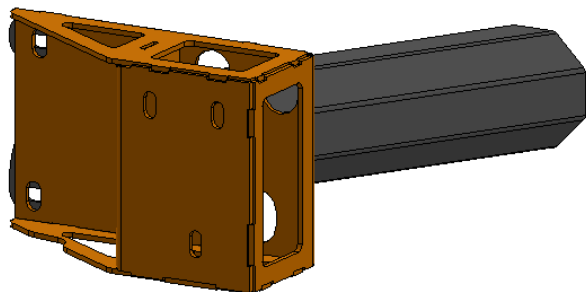


2. Next insert the fog light bucket into the bumper and secure using **4x 1/4"-20 x 5/8", SBHCS**.

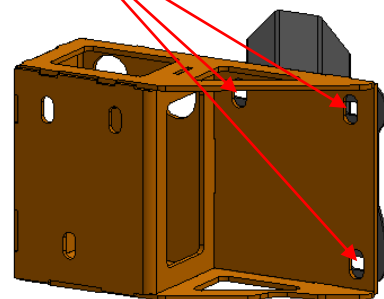


3. Finally install **4x 1/4"-20 x 5/8", SBHCS** with **4x 1/4-20 Serrated Flange Nut**.

VII. MOUNT INSTALLATION

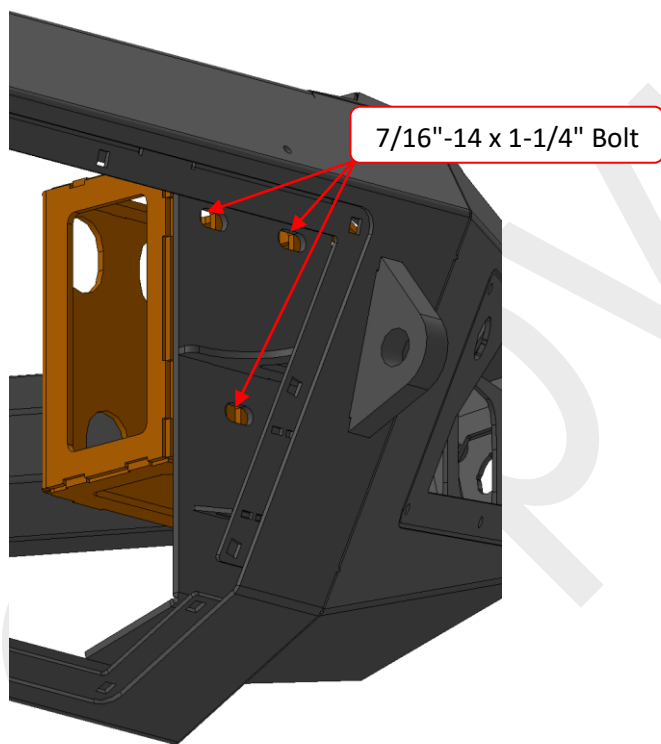


7/16"-14 x 1-1/4" Bolt



1. Install **3x 7/16"-14 x 1-1/4" Bolt** securing each mount to the frame.

VIII. BUMPER INSTALLATION



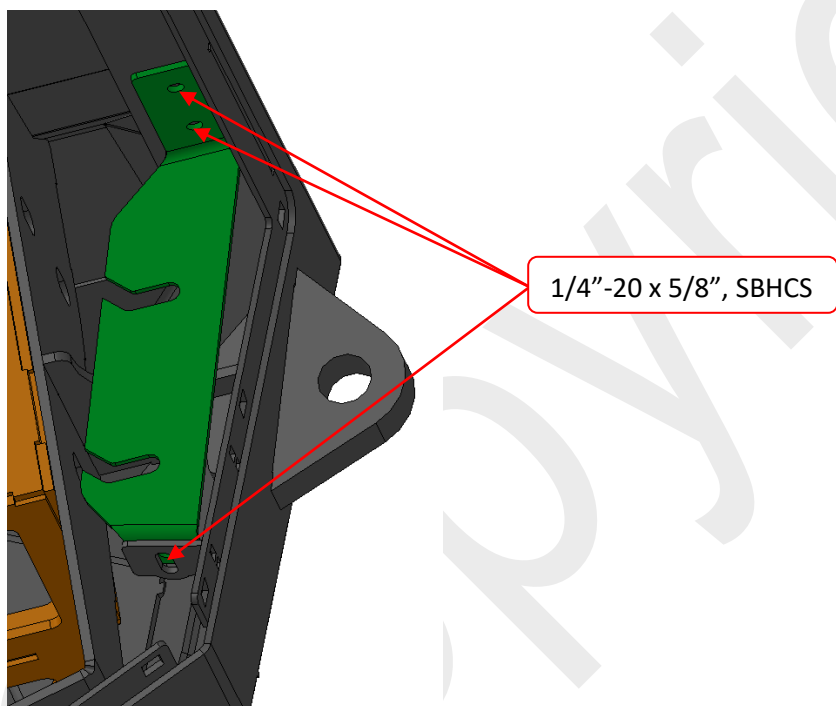
7/16"-14 x 1-1/4" Bolt

1. Install **3x 7/16"-14 x 1-1/4" Bolt** securing the bumper to each mount.

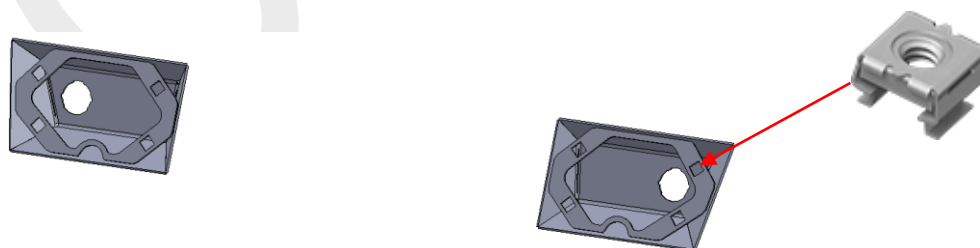
IX. SKID PLATE AND LIGHT BAR INSTALL



1. Install **15x 1/4-20 Cage Nut** to the skid plate trim ring.



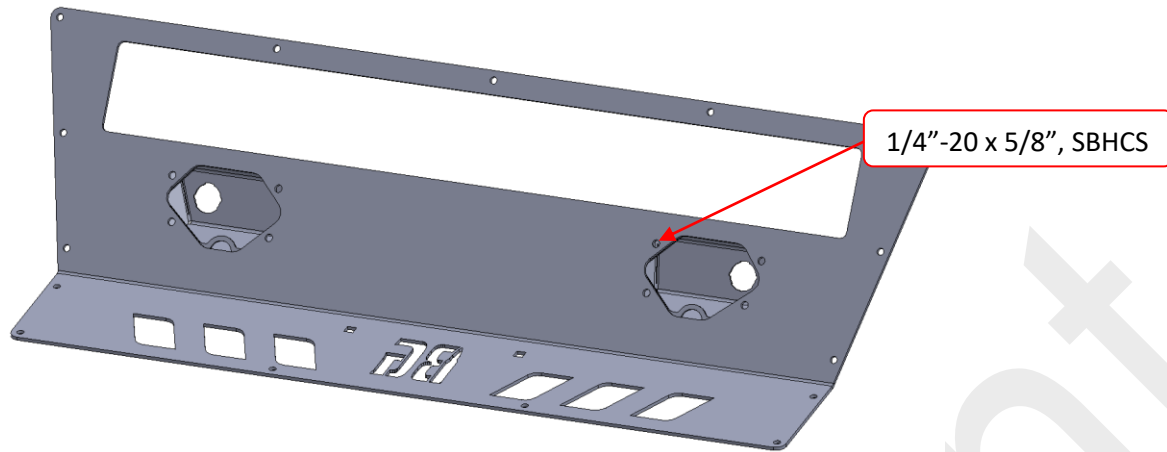
2. Install the light bar bracket to the bumper using **3x 1/4"-20 x 5/8", SBHCS**
3. Now install your 30" lightbar



4. Install **4x 1/4-20 Cage Nut** to each sensor pod. This will only apply if your truck has factory front sensors

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5. Install the sensor pod to the skid plate using **8x 1/4"-20 x 5/8", SBHCS**



6. Install **2x 1/4-20 Cage Nut** into square holes on each side of BG logo



6. Install the skid plate using **15x 1/4"-20 x 5/8", SBHCS**

X. LICENSE PLATE INSTALL

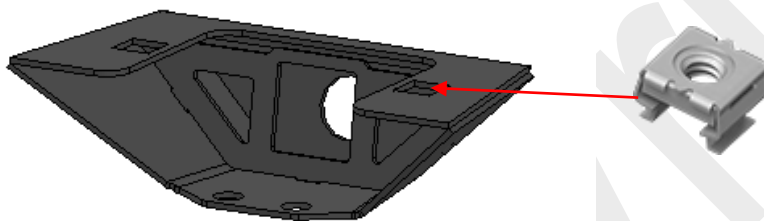


1/4\"-20 x 5/8\", SBHCS

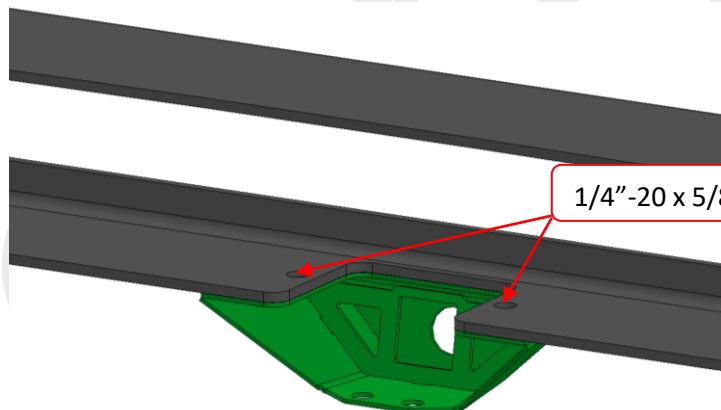
1. Install the license plate bracket to skid plate using **2x 1/4\"-20 x 5/8\"** button head screws
Note: Depending on the skid plate you receive your license plate may look different but it will install the same.

XI. SPORT BAR INSTALL

If you ordered your bumper with a Sport bar, use the following steps.



1. Install **2x 1/4-20 Cage Nut** to the camera pod.

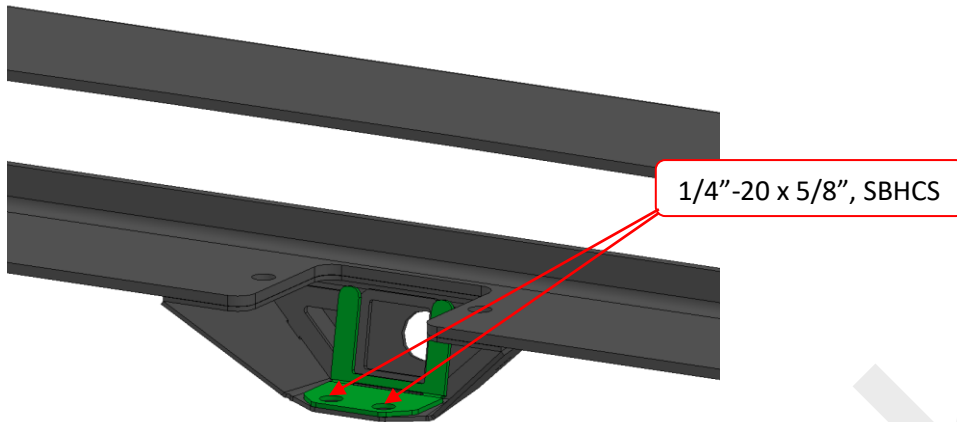


1/4\"-20 x 5/8\", SBHCS

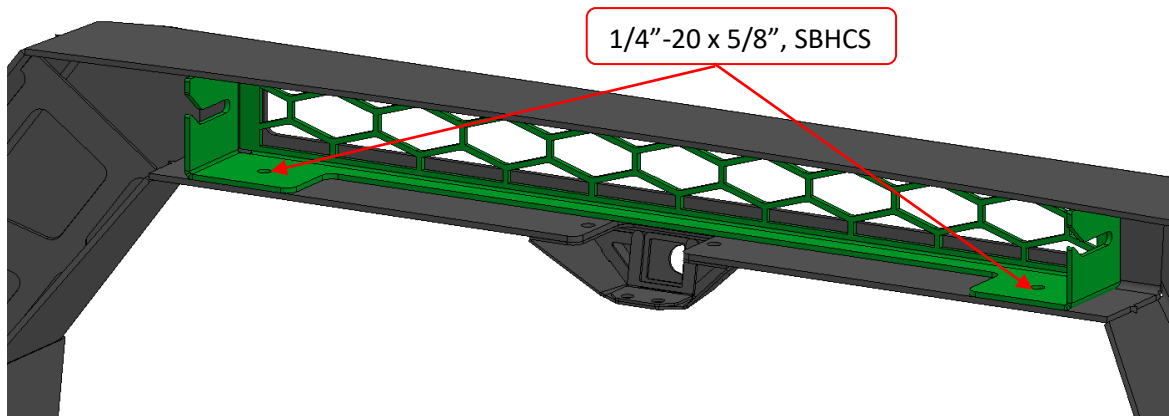
2. Install **2x 1/4\"-20 x 5/8\", SBHCS** securing the camera pod to the sport bar.

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3. Next install the camera into the square hole then place the bracket behind the camera. This will sandwich the camera between the camera pod and bracket. Be careful not to scratch or crack the camera lens while installing.
4. Secure the bracket to the pod with **2x 1/4"-20 x 5/8", SBHCS**



5. Finally install the mesh to the sport bar with **2x 1/4"-20 x 5/8", SBHCS**
6. Connect camera and rout wire to factory connector
7. Install 10" light bar into mesh

XII. FINISHING UP

- Install shackles.
- Confirm that all hardware is tightened and everything is secure.
- Secure wiring harnesses for lights and sensors.
- Test all lighting and wiring before using vehicle (fog lights, sensors, etc.).

XIII. MAINTENANCE

- Frequently check that all hardware is tightened and that all wiring and connections are secure.

FEEDBACK

We'd love to hear from you! Please send your pictures, testimonials, comments, or suggestions to us by email at info@bodyguardbumpers.com. We frequently use customer pictures for brochures and marketing materials, and we always welcome customer feedback to ensure quality improvements within our company. Thanks for your purchase; we appreciate your business very much!

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