



## **INSTALL INSTRUCTIONS**

**Ram 2500HD / 3500HD Rear Evolution Bumper**

**Product : 4192ER0X**

**Application : 2019-2023 RAM 2500HD/3500HD**

**I WARNING**

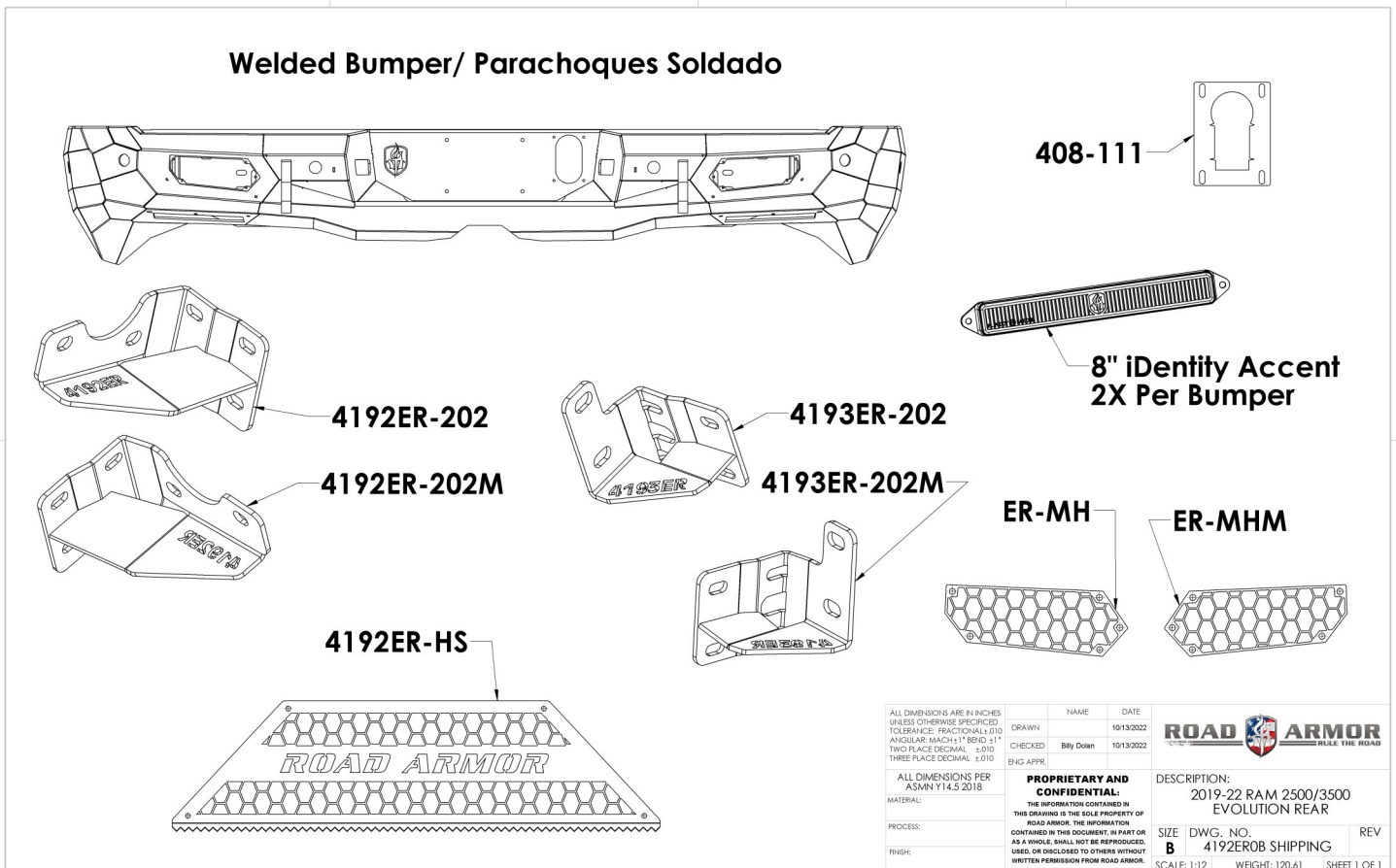
Read the instructions completely before beginning installation. Before tightening bolts, drilling or cutting where required, check to make sure there are no obstructions such as brake, fuel or electrical lines which may be damaged. Also keep in mind this is an after-market product and MAY require minor shimming and/or trimming, reaming, etc. for proper fit. Road Armor is not responsible for any damages to vehicle.

**i IMPORTANT NOTICE**

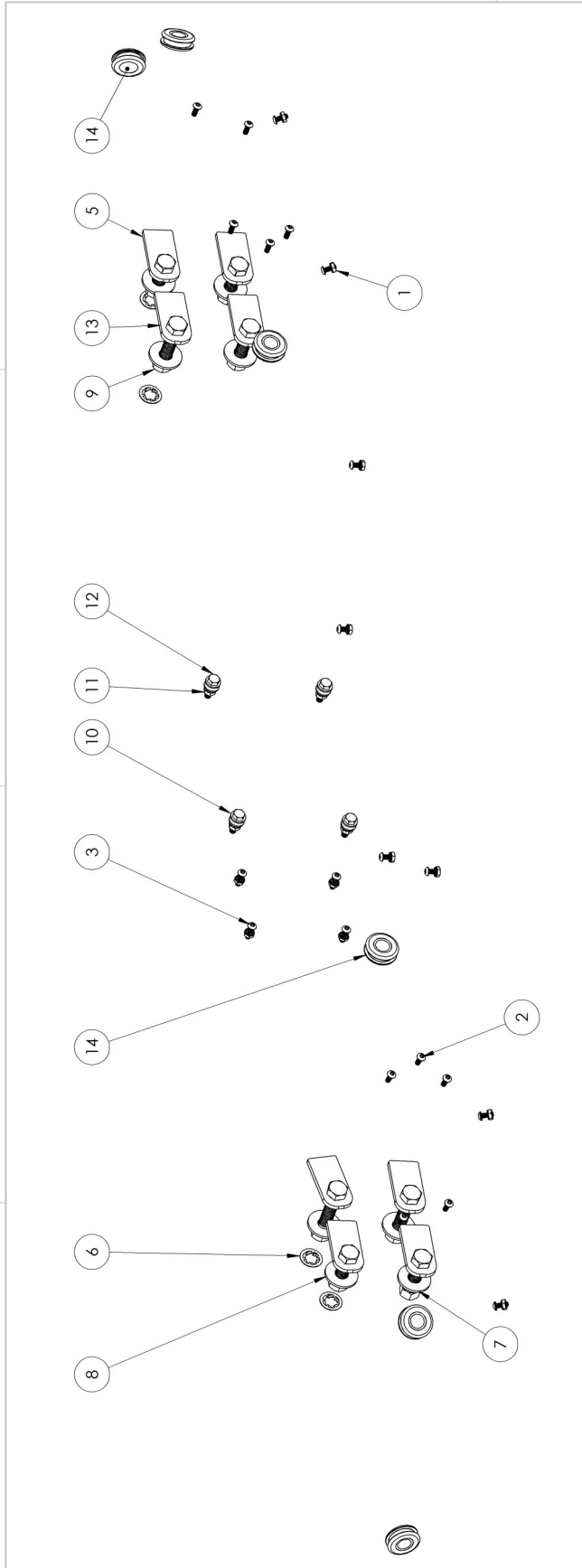
- Be sure to inspect and test fit your product to ensure proper fitment before having it coated, painted, bed lined, etc.
- Road Armor will not be responsible for the cost of coating your unit if any problems with fit or finish are not noted and addressed beforehand.

**SAFETY FIRST!**

- FOLLOW ALL INSTRUCTIONS, YOUR SAFETY AND THE SAFETY OF OTHERS IS MOST IMPORTANT.
- WEAR APPROPRIATE EYE PROTECTION AND EXERCISE CAUTION WHEN DRILLING / CUTTING



# INCLUDED HARDWARE




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	37407	# 10-24 Zinc Finish Steel with External Tooth Lockwasher K-Lock Nut	12
2	94030	#10-24 x 1/2" ASTM F835 Hex Drive Zinc Finish Alloy Steel Button Socket Cap Screw	18
3	73734	# 10-24 x 3/4" ASTM F879 Hex Drive Grade 18-8 Stainless Steel Button Socket Cap Screw	4
4	1.125 inch plug	1 1/8" Dome plug	6
5	11218-05078	1.5" Single Bolt Tab (ZINC)	4
6	0162849	1/2" Bolt 1.5/16" O.D. Zinc Pushnut Bolt Retainer	4
7	33895	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer	8
8	33861	1/2" x 1.375" OD Thru-Hardened Yellow Zinc Finish USS General Purpose Flat Washer	8
9	36410	1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut	8
10	33078	1/4" x 0.625" OD Low Carbon Zinc Finish SAE General Purpose Flat Washer	8
11	1137410	1/4"-20 Zinc Finish Steel with External Tooth Lockwasher K-Lock Nut	4
12	11003	1/4"-20 x 3/4" ASTM A307 Grade A Zinc Finish Hex Bolt	4
13	11218-05079	2" SINGLE BOLT TAB (ZINC)	4
14	1.125 rubber grommet	Grainger #3MRN4 Rubber Grommet, 3/4" I.D., 1-3/8" O.D., 1/4" Panel Thickness	6

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ANGULAR TOLERANCES: ±0.1° ANGULAR TOLERANCE: ±0.1° THREE PLACE DECIMAL ±0.010

DATE: 10/13/2022  
 NAME: Billy Doan  
 DRAWN: [blank]  
 CHECKED: [blank]  
 ENG APPR: [blank]

PROPRIETARY AND CONFIDENTIAL:  
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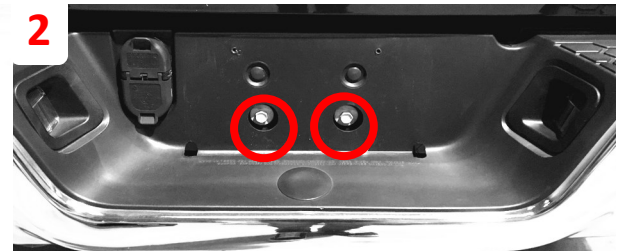


DESCRIPTION:

SIZE: B  
 DWG. NO.: 4192ER-BOLTKIT  
 WEIGHT: 0.55  
 SCALE: 1:12  
 SHEET 1 OF 1

**1** Unplug the trailer connector, license plate lights, and the back up sensors if equipped

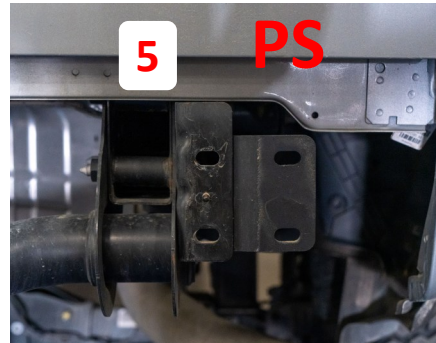
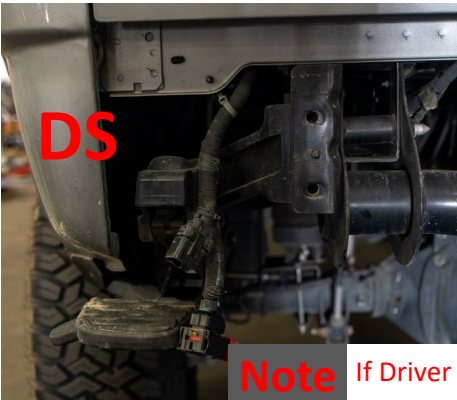
**2** Remove license plate and the two bolts from the center of the bumper



**3** Remove two bolts on the backside of each bumper corner.

**4** Remove OEM bumper.

**5** Install Frame Mounting Brackets using the OEM Hardware.  
4192ER—2500HD  
4193ER—3500HD



**Note** If Driver side Rear Step is installed, no need for a bracket.



**6** Install Parking Sensors, Trailer Plug, OEM License Plate Lights, Accent Lights, Cubes, Step Plate, and License Plate.

**7** Install 8 - bolt tabs through bumper using the included keeper washers. Use a 3/4" deep socket to push the washers over the threads.

**8** Wet the inside of the Grommet before inserting the Sensor, this will make it easier to push the sensor in.



**Note** If truck is air pump equipped; remove & remount onto the new bracket.

9

Install rear bumper onto truck using supplied 1/2" hardware. Adjust fitment to liking and Tighten All Nuts and Bolts.

8

## Finished

