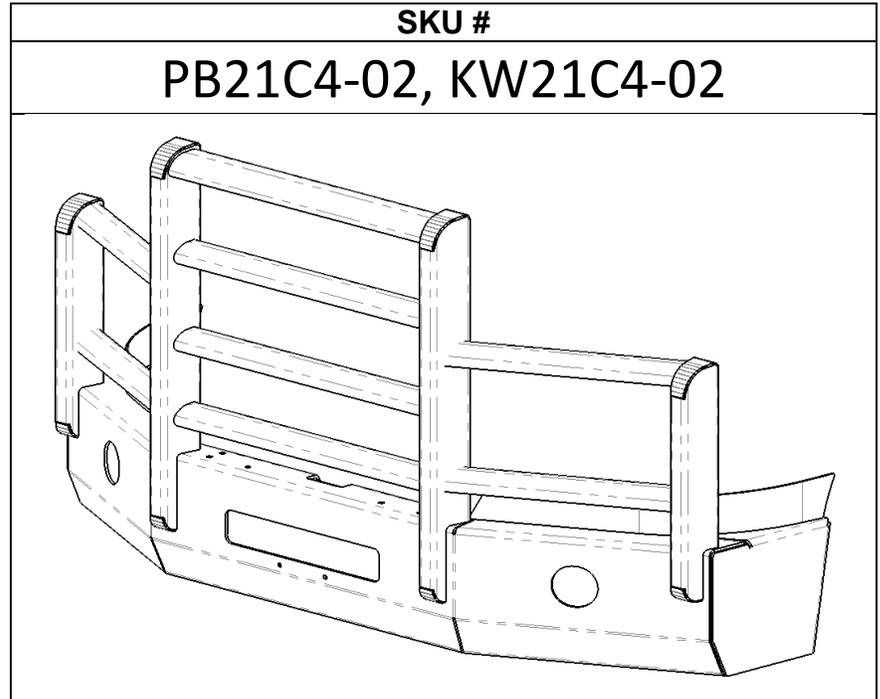


Thank you for choosing HERD!

For assistance call  
1-888-543-4373  
[www.HERD.com](http://www.HERD.com)



## Important

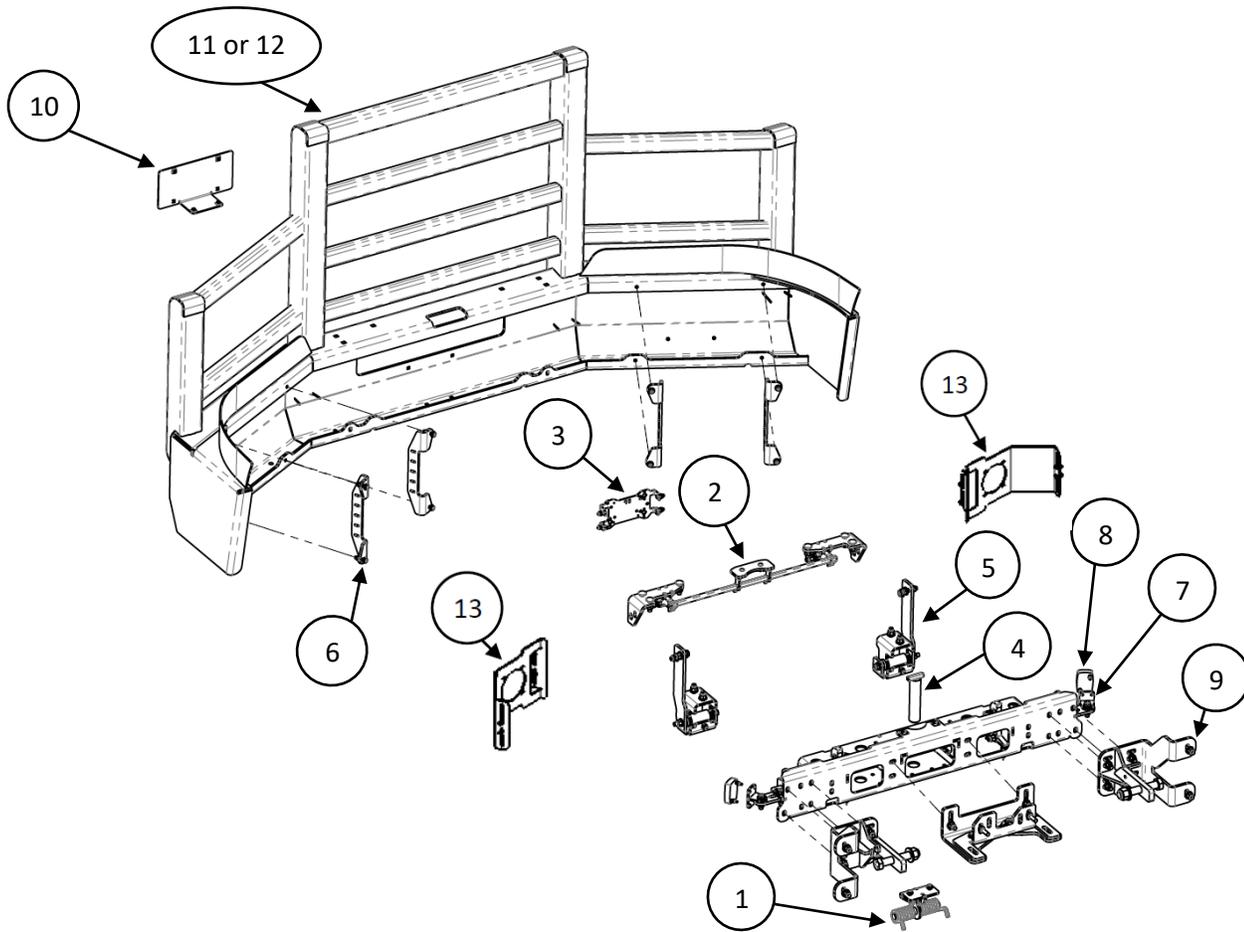
- Herd Bumpers are vehicle "Make & Model" specific. Use of a bumper on a vehicle other than the model it was designed for will constitute improper use of the product and may void warranty.
- Unless otherwise specified, Grade 8 or Class 10.9 hardware is to be used. For the purposes of these instructions, OE hardware means the truck's original factory hardware.
- For further detail of warranty coverage and warranty repair information visit [www.HERD.com](http://www.HERD.com).

## General Safety

- Take time to fully read the instructions before installing the Herd bumper.
- At all times exercise safe work shop practices, wear steel toe boots and safety glasses during installation.
- Parts and components of the Herd bumper can be heavy, handle with care to avoid injuries.
- Respect power tools and use them as advertised.

HERD North America Inc.  
2168 Springfield Road  
Sunnyside , MB. Canada R5R 0J3

## Parts and Tools Referenced in this Instruction

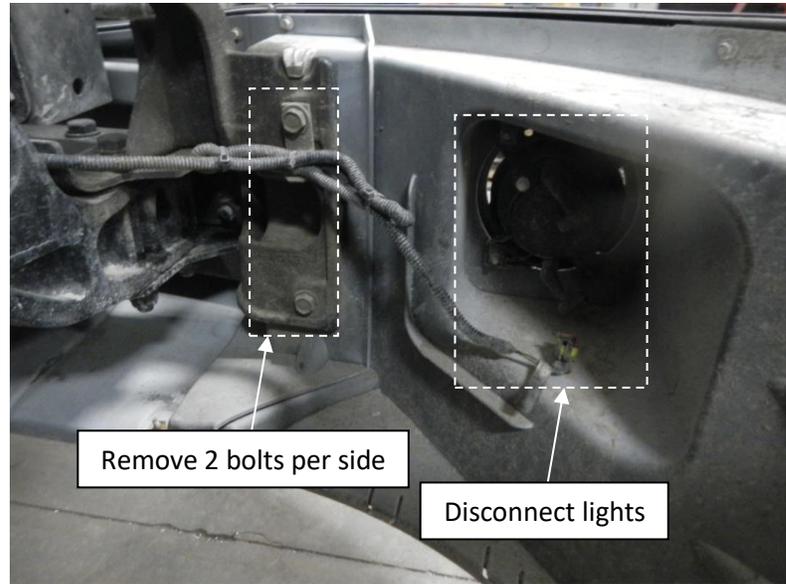


### Parts and Hardware Included

Item No	Part No	Description	Qty
1	100021	ASSY-LIFT ASSIST	1
2	100027	C4 SLAM LATCH ASSEMBLY	1
3	100046	KIT-CAS BRACKET	1
4	100049	WLDMT-TOW PIN	1
5	100054	ASSY-HINGE	1
6	100058	KIT-CHANNEL STRUT	4
7	100062	ASSY-UNIVERSAL BRACKET	1
8	400014	KIT-RUMBER 20 MM	2
9	1K0001	MOUNTING KIT-KW21C4	1
10	2F0025	BRKT-LICENSE PLATE KIT	1
11	2K0015	WLDMT-BUMPER PB21	1
12	2K0018	WLDMT-BUMPER KW21	1
13	2K0017 OR 207002	KIT-OEM LIGHT BRACKET PB21 OR KIT-OEM LIGHT BRACKET KW21	2
14	500086	BOLT-HEX 1/2-13X2 NC GR8 YZP	18
15	500206	WASHER-FLAT 1/2 SAE GR8 YZP	30
16	500263	WASHER-FLAT 1/2X1-1/2OD 1/4THICK	8
17	500167	NUT-NYLOCK 1/2-13 NC GR8 YZP	18
18	500141	BOLT-HEX M12X1.75X60 CL10.9 YZP	2
19	500289	NUT-NYLOCK M12X1.75 CL8 ZP	2
20	500285	BOLT-HEX 1-8X6 NC GR5 YZP	2
21	500210	WASHER-FLAT 1 SAE GR8 YZP	2
22	500179	NUT-NYLOCK 1-8 NC GR8 YZP	2
23	500238	NUT-NYLON NO 14 LICENSE PLATE	6
24	500250	SCREW-HEX SLOT FLANGE 14X1/2 18-8SS TYPE A	6

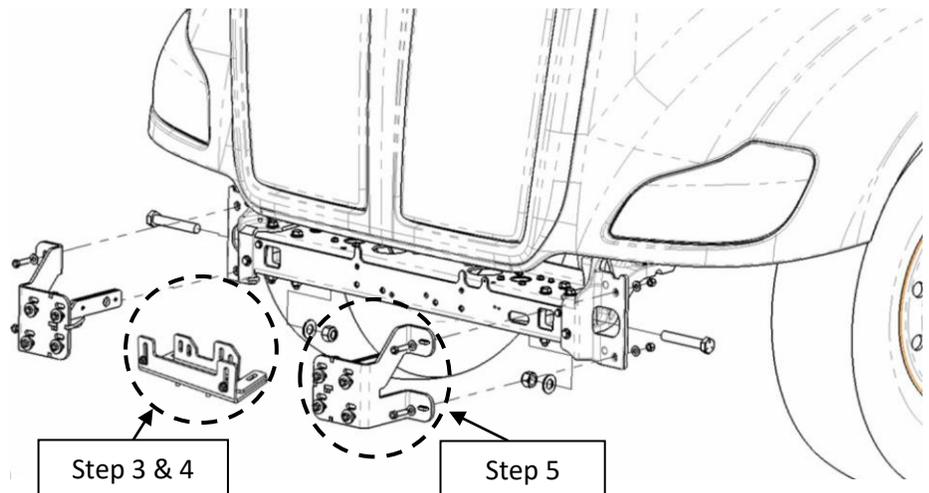
## Installation Procedure

1. With the hood of the truck open, disconnect wiring from factory driving lights (if equipped) on both driver side and passenger side. Remove the two bolts shown on each side of the bumper. OEM bumper can now be removed.



**Figure 1 – Factory bumper uninstall (passenger side shown).**

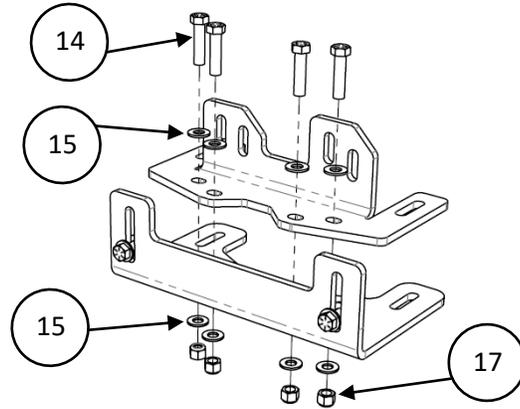
2. Install Herd mounting brackets onto truck frame.



**Figure 2 – Mounting bracket installation.**

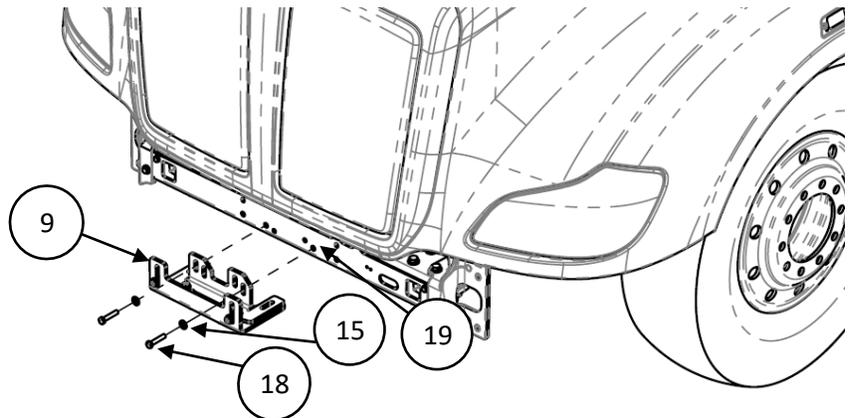
## Installation Procedure

3. Assemble center mounting bracket using the provided hardware (Items 14, 15, 17).

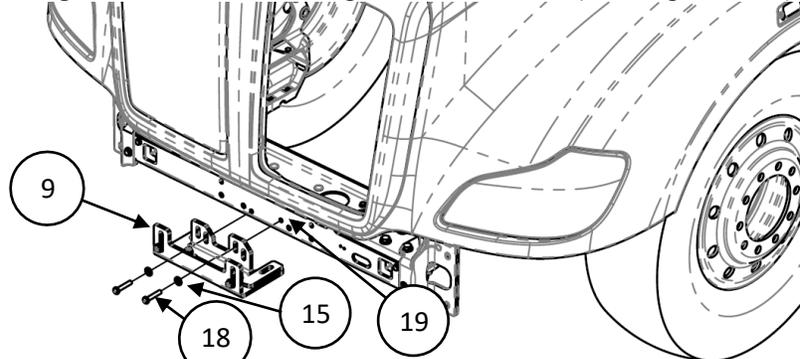


**Figure 3 – Center Mounting Bracket Installation**

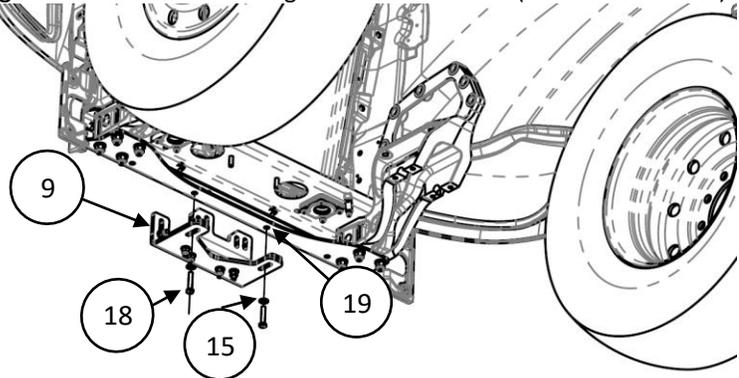
4. Install center mounting bracket (Item 9) onto truck frame using provided hardware (Items 15, 18, 19). Choose any available mounting configuration (front regular holes, front off-set holes, bottom mounting holes). Do not tighten bolts until installation is complete.



**Figure 4.1 – Center mounting bracket installation (front regular holes)**



**Figure 4.2 – Center mounting bracket installation (front off-set holes)**



**Figure 4.3 – Center mounting bracket installation (bottom mounting holes)**

## Installation Procedure

5. Install side mounting bracket (Item 9) to truck frame. Fasten the mount to the tow receiver using 1" fastener (Items 20, 21, 22). Bolt the submount to the frame using  $\frac{1}{2}$ " hardware (Items 14, 15, and 17). Do not tighten bolts until installation is complete. Repeat for passenger side.

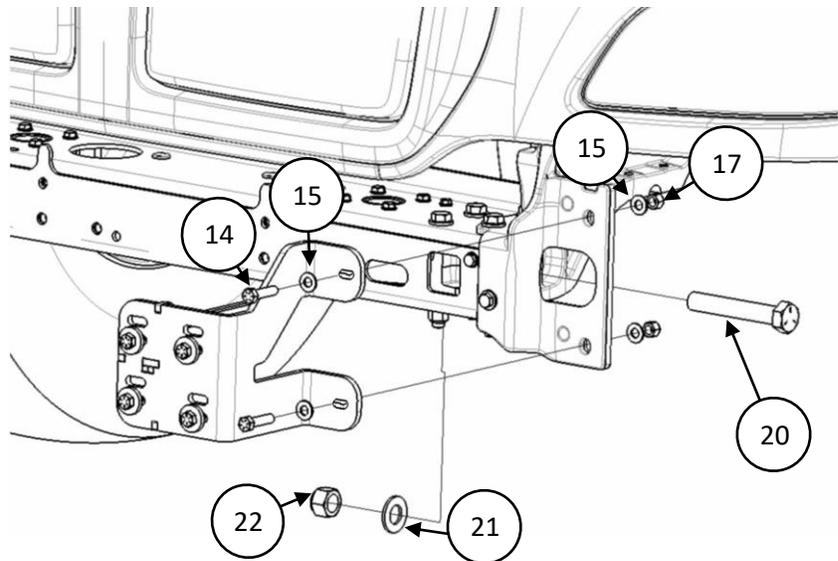


Figure 5 – Side mounting bracket installation (driver side shown).

6. Open bumper by pulling on the handle. Using crane, lift the bumper (Item 11) and universal bracket (Item 7) and attach to side and center mounting brackets (Items 9).

**Note:**

If installer does not have a crane available, bumper can be disassembled from the universal bracket to simplify installation as shown in step 7, otherwise proceed to step 8.

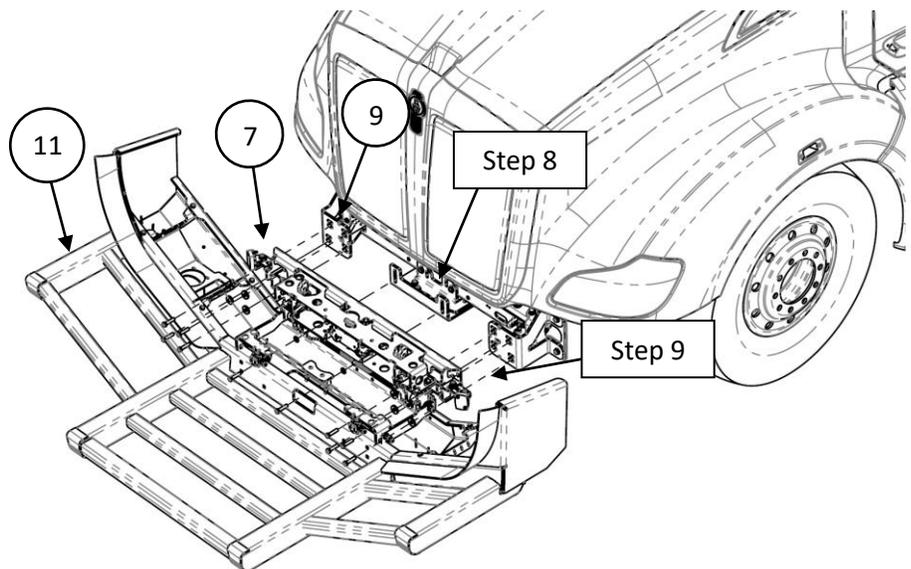


Figure 3 – Universal bracket installation.

## Installation Procedure

7. a) Ensure bumper is closed. From underneath the bumper, remove the 3/8" hardware securing the lift assist springs and slide off springs from the lift assist (Item 1).

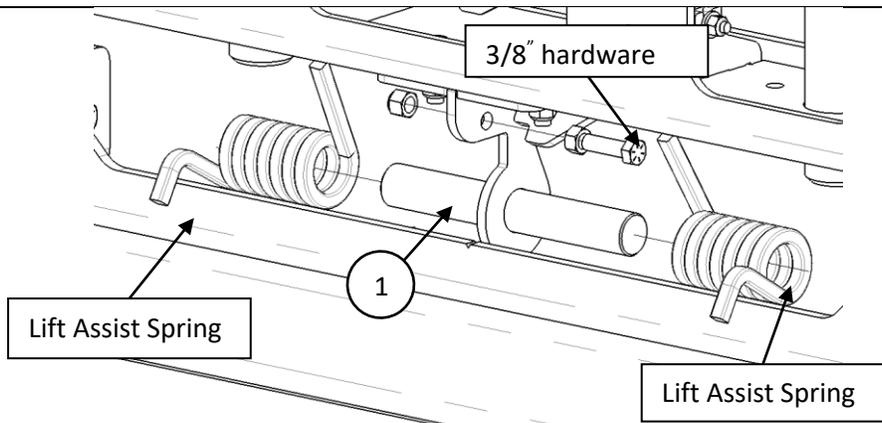


Figure 7a – Spring assist disassembly.

- b) Once the springs are removed, carefully open the bumper using the slam latch. Remove the 1/2" hardware securing the bumper to the universal bracket. Remove bumper and set aside on cardboard. Now the bracket is isolated for mounting without a lift.

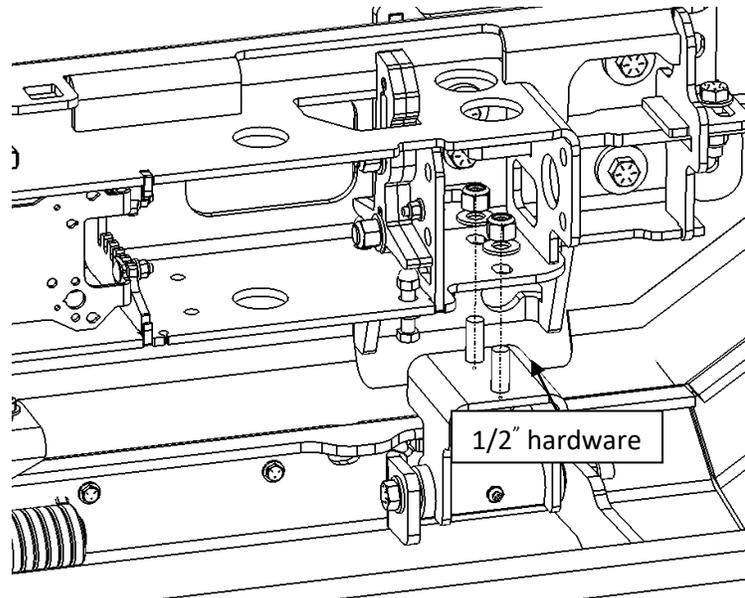


Figure 7b – Bracket and bumper disassembly (driver's side shown).

## Installation Procedure

8. Install universal bracket (Item 7) to center mounting bracket (Item 9) as shown.

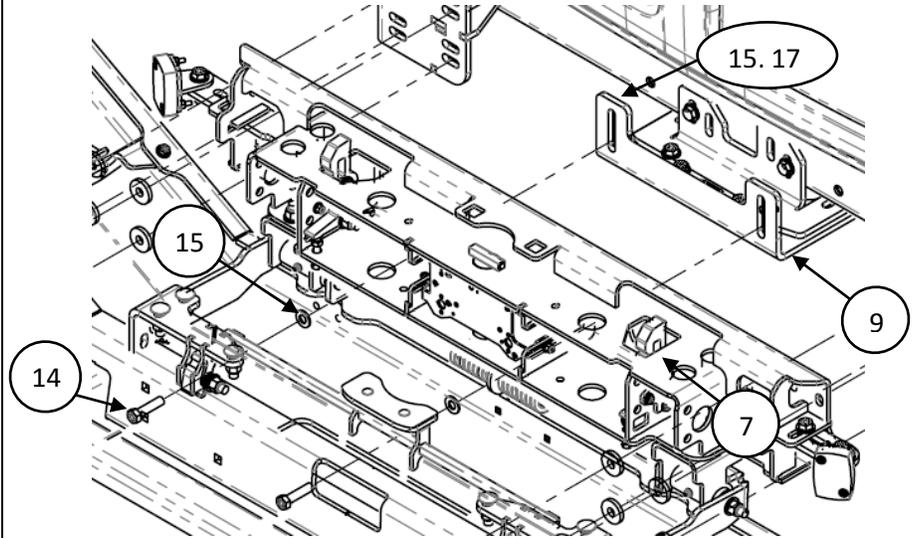


Figure 4 – Universal bracket center mounting location.

9. Install universal bracket (Item 7) to side mounting brackets on driver side and passenger side (Item 9) as shown.

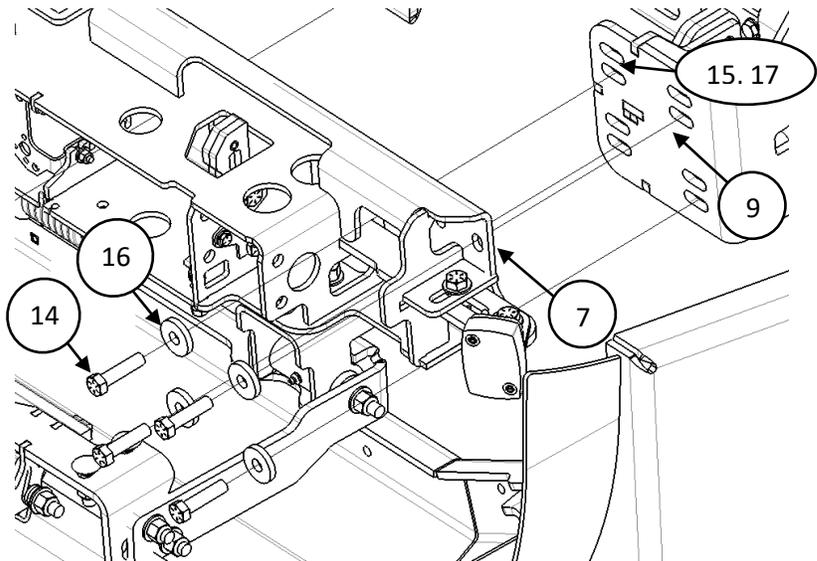


Figure 5 – Universal bracket side mounting location (driver side shown).

## Installation Procedure

10. If bumper was disconnected from the universal bracket in step 7, reverse the procedure to mount bumper back onto the bracket.

a) First ensure the bumper hinges are open.

b) Attach using previously removed 1/2" bolts until the hinge just slightly touches the bracket.

c) Close the bumper and ensure the latch engages.

d) Open the bumper and tighten the bolts until they are snug.

c) Close the bumper again to ensure the latches engage properly.

d) Fully tighten the 1/2" hardware to 110 ft·lb. Latches may need to be adjusted, refer to Slam Latch Adjustment guide (S012).

e) Close the bumper and slide springs onto the lift assist shaft, ensuring that spring arms are inserted into slots of bumper. Reinsert 3/8" hardware securing the lift assist springs.

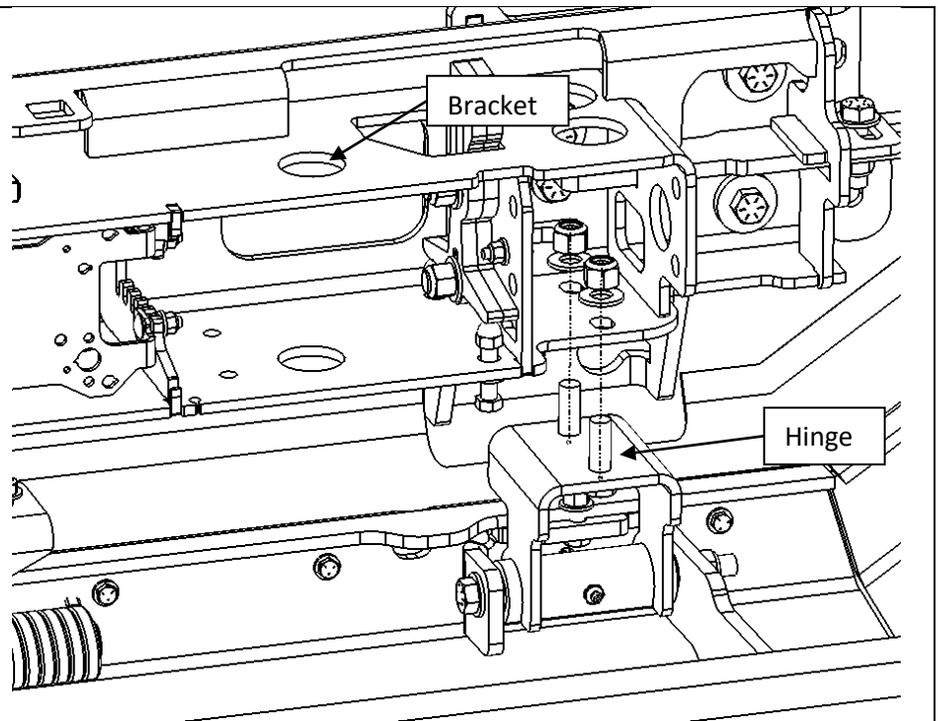


Figure 9.1 – Bracket and hinge reassembly

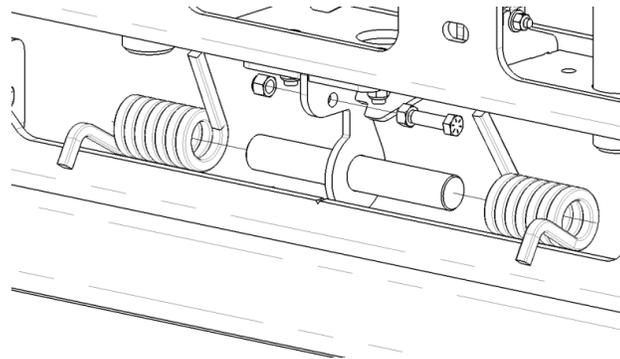


Figure 9.2 – Lift Assist reassembly.

## Installation Procedure

11. If equipped with OEM driving lights, remove driving lights from factory bumper. Reinstall onto Herd bumper using the preinstalled driving light brackets and hardware on both driver and passenger side.

**Note:**

Figure 6 shows PB21C4-02 driving light bracket, the KW21C4-02 driving light will look a little different.

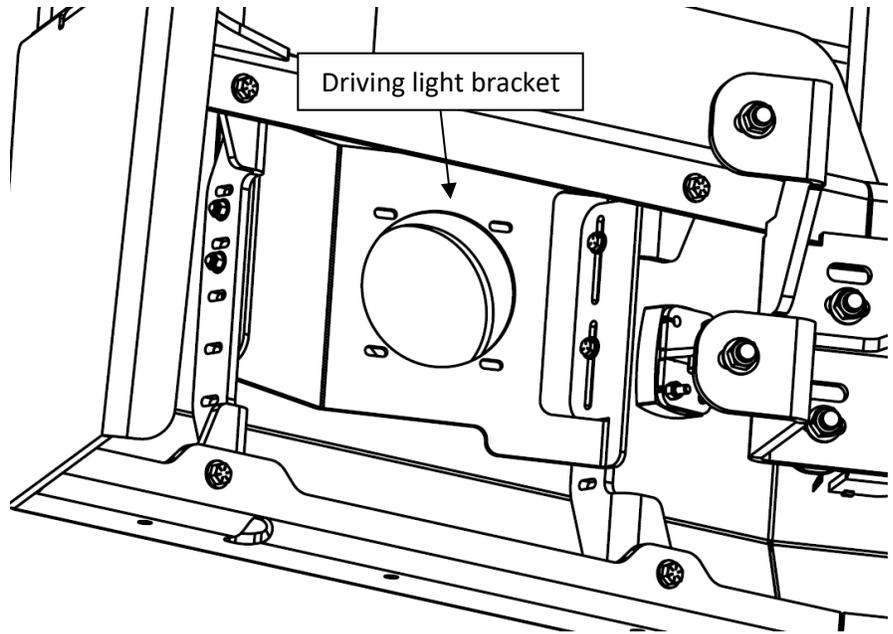


Figure 6 – OEM light installation.

12. Close the bumper and check fitment. Bumper position can be adjusted side to side and up or down as required. Once fitment is confirmed, tighten all mounting bolts. Tighten bolts from steps 4 and 5 to 110 ft-lb (8 bolts total). Also tighten bolts from step 9 to 110 ft-lb (8 bolts total).

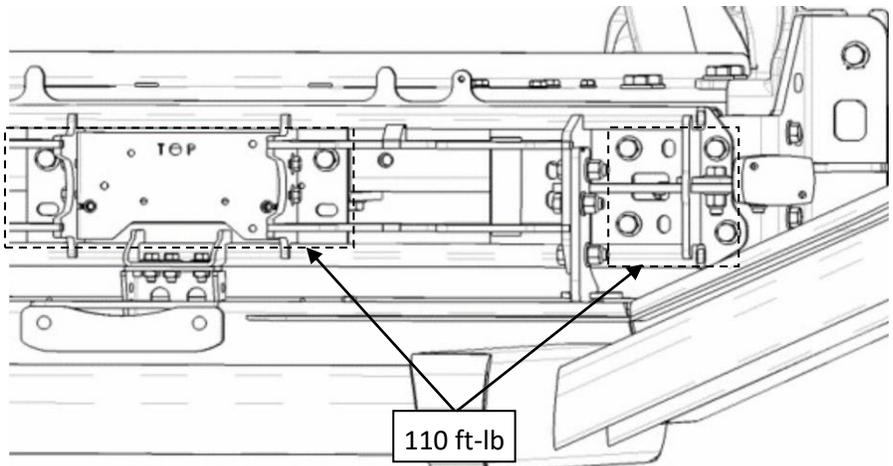


Figure 7 – Center and side bracket bolt torque specs (driver side shown).

## Installation Procedure

13. Insert the nylon licence nuts (Item 23) into the square cut-outs in the bumper and licence plate bracket (Item 10). Bolt the bracket into place using the No. 14 licence bolts (Item 24). The front four bolts can be used to mount a licence plate as needed.

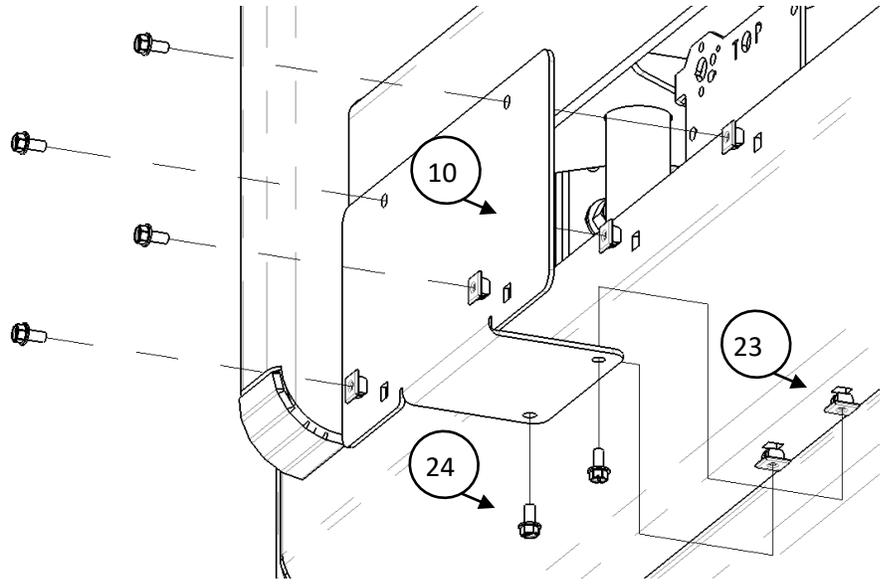


Figure 12 – License Plate Installation

14. If the truck was equipped with a radar sensor, please refer to the HERD S009 Installation Guide.

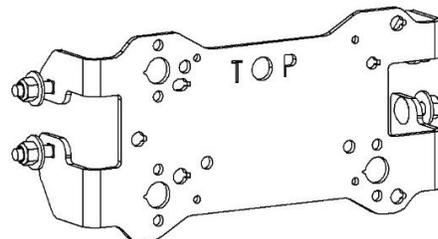


Figure 8 – HERD Radar Sensor Bracket.

15. If installing surface-mount signal lamps, 4LMPA001, apply at max 85 in-lbs (7ft-lbs, 9.6Nm)

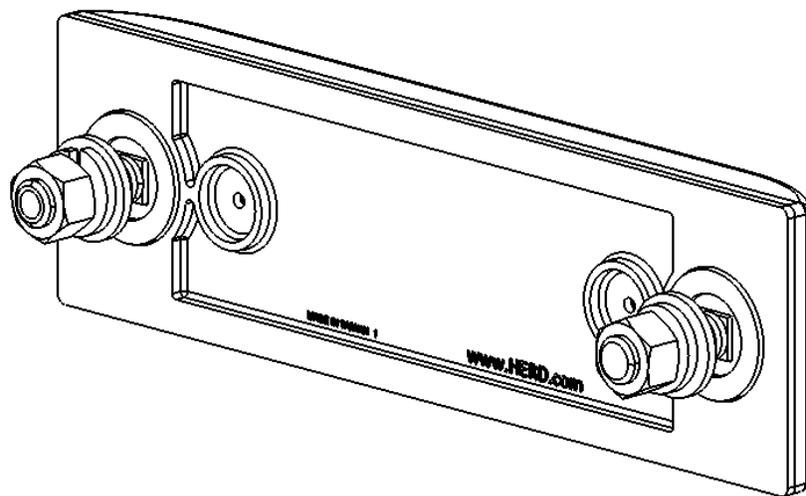


Figure 15 – Signal light installation.

## Installation Procedure

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	<p><b>Important</b></p> <ul style="list-style-type: none"><li>• Check mounting points after the first 5000 km and every 3-6 month.</li><li>• This bumper is equipped with Herd Slam Latch which requires periodic adjustment. Refer to Slam Latch Installation adjustment instructions (S001) to properly adjust your Slam Latch.</li></ul>
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