TRAIL FORTRESS

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Rough Country 93045 Installation Instructions

Dump Bed Rear Bumper for Can-Am and Polaris UTVs

Part number: 93045

trailfortress.com/dump-bed-rear-bumper-can-am-and-polaris-utvs-rough-country-93045

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

93045BAG

UTV Rear Bumper

Thank you for choosing Rough Country for all of your suspension needs.

Rough Country recommends that a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle. Please read all the instructions before beginning the installation. Check the kit hardware against the ''Kit Contents'' list below. If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness. Be sure you have all the needed parts and understand where they go. Also, please review the "Tools Needed" list to be certain you have the necessary tools to complete the installation.

PRODUCT USE INFORMATION

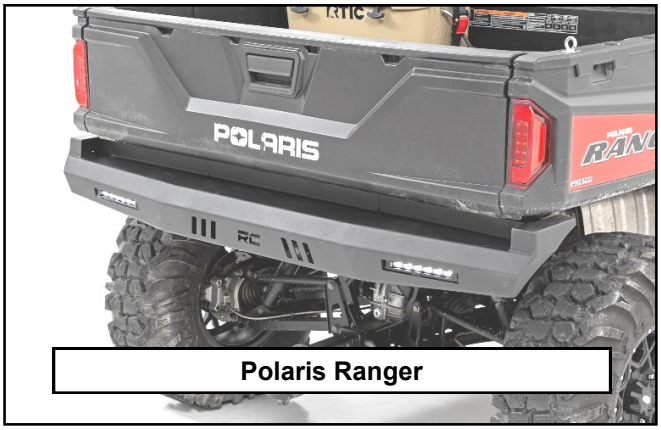
⚠WARNING As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend that seat belts and shoulder harnesses be worn at all times. Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

NOTICE TO DEALER AND VEHICLE OWNER

⚠NOTICE Any vehicle equipped with any Rough country product must have the "Warning to Driver" decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. INSTALLING DEALER—It is your responsibility to install the warning decal and to forward these installation instructions on too the vehicle owner for review and to be kept in the vehicle for its service life.



CanAm Defender



Polaris Ranger

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UTV Rear Bumper

TOOLS NEEDED:
Drill
5/16” Drill Bit
SAE Wrench/Socket
1/2”
9/16”

KIT CONTENTS:
Rear Bumper (1)
Universal Driver Frame Mount (1)
Universal Pass Frame Mount (1)
Ranger Driver Frame Mount (1)
Ranger Pass Frame Mount (1)
6” Slim Line LED Light Kit (1)

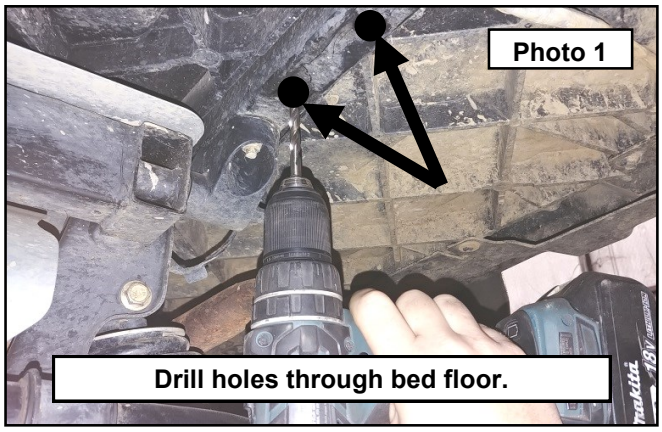
HARDWARE INCLUDED:
3/8” Bolt (8)
3/8” Washer (16)
3/8” Nut (8)
5/16” Carriage Bolt (4)
5/16” Bolt (14)
5/16” Washer (14)
5/16” Flange Nut (14)
5/16” Self Thread Bolt (4)
Zip Ties (10)

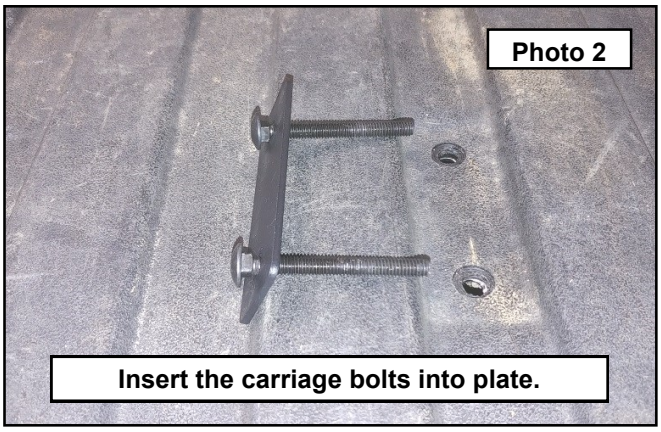


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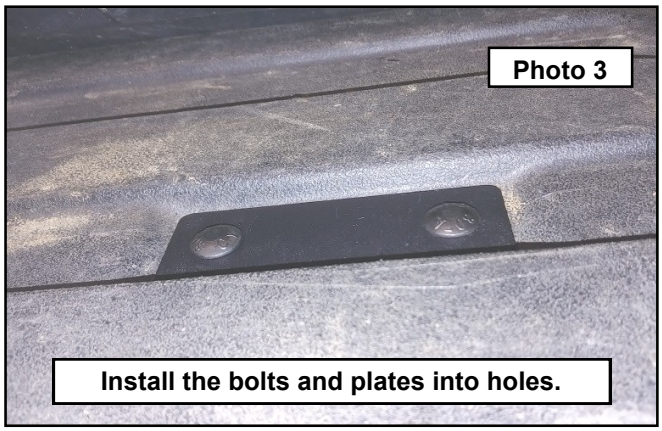
Rear Bumper Installation

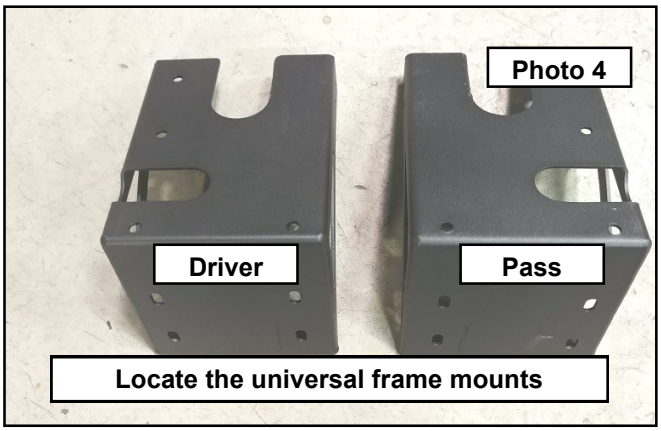
1. This bumper is a universal bumper designed for more than one application. The brackets will line up with two different models, thus will have mounting holes that will not apply to your UTV. Ignore these when they do not apply.
2. Install the lights to the bumper using the provided hardware in the light kit. **Polaris Ranger skip to page 5.**
3. **CanAm Defender:** Look under the bed of the UTV. You will find two holes in the bed frame. These do not pass through the bed unless a bumper has been previously installed. Drill these holes straight up through the plastic bed floor using a 5/16” drill bit. **Photo 1**
4. Insert the 3” long carriage bolts into the bolt plate. **Photo 2**



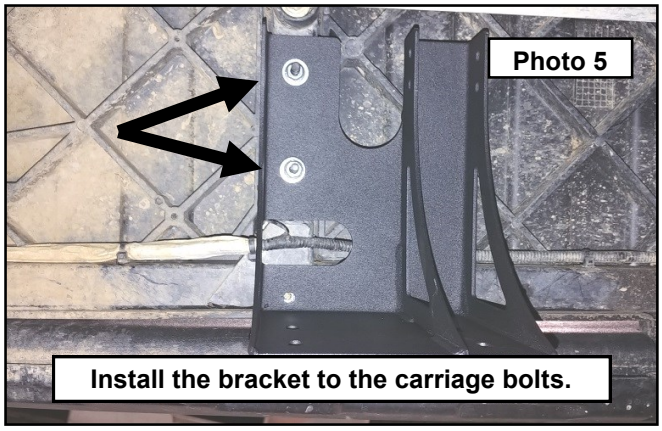


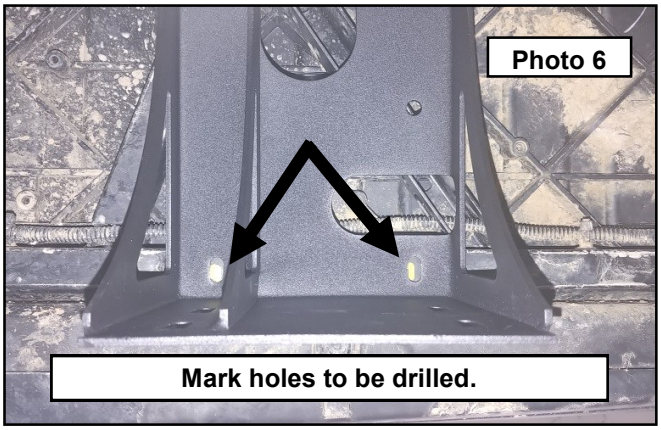
5. Drop the bolts through the holes. **Photo 3**
6. Locate the universal frame mounts. There is a driver and passenger side. The recess in the top of the brackets is for the factory wire harness to safely pass through. **Photo 4**



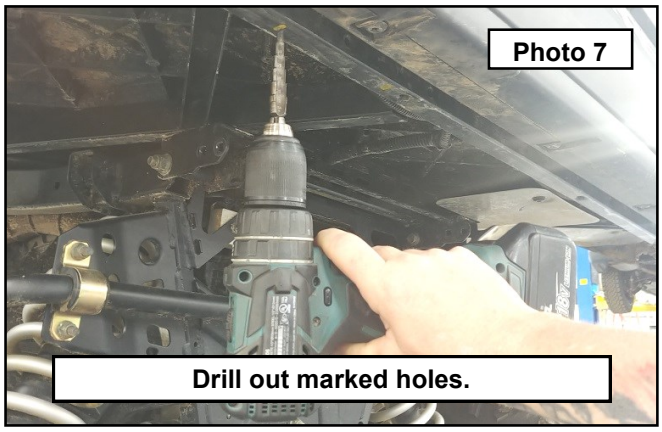


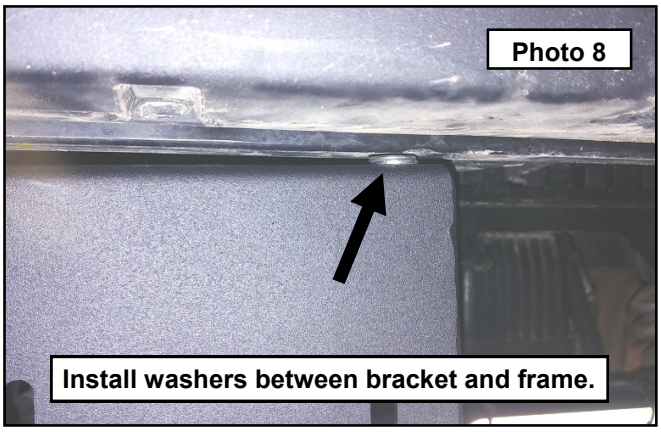
7. Install the appropriate side brackets to the bed using the provided 5/16” nuts and washers. You may need an assistant or use something heavy over the top of the carriage bolts to hold them in place. **(Driver side shown)** Snug the hardware to hold the bracket in place. Make sure the bracket is straight with the tailgate frame. **Photo 5**
8. There are two holes at the front of the bracket. Mark these onto the frame. Remove the brackets. **Photo 6**



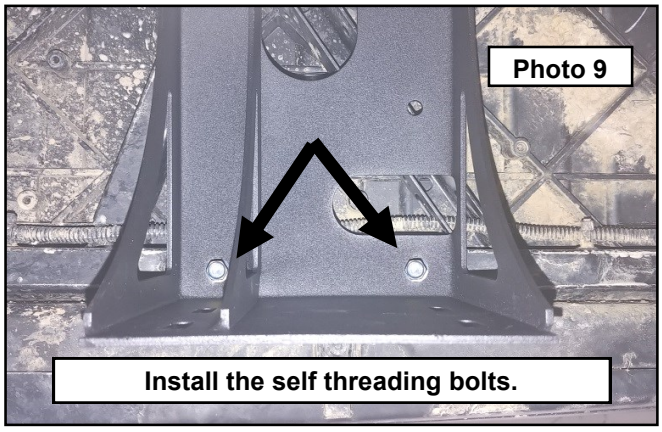


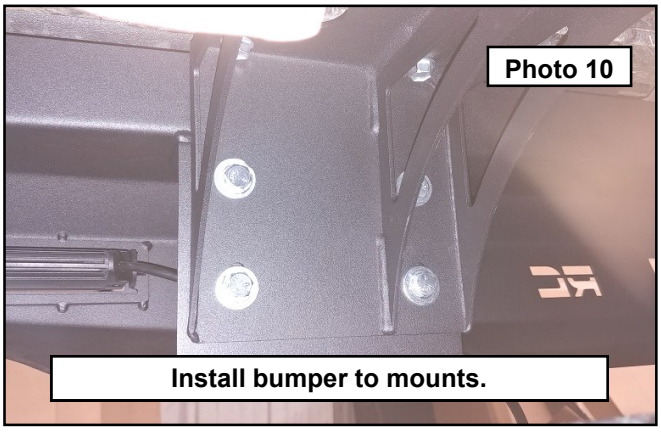
9. Drill out marked holes using a 9/32” drill bit. **Photo 7**
10. When installing the bumper bracket to the frame, install two 5/16” washer between the frame and the inside most front hole that you just drilled to act as a frame spacer so that the bracket sits level with the metal framing. **Photo 8**



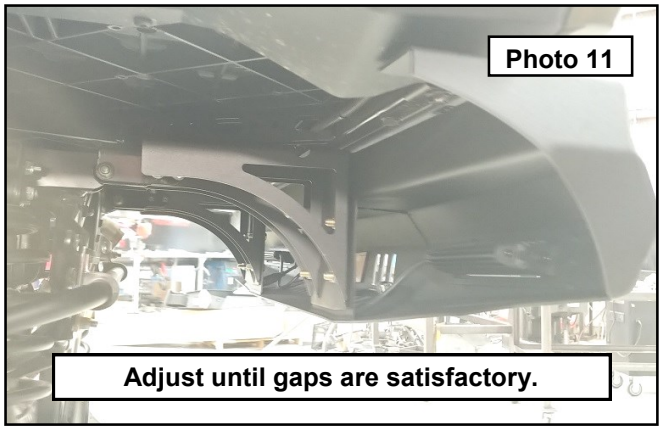


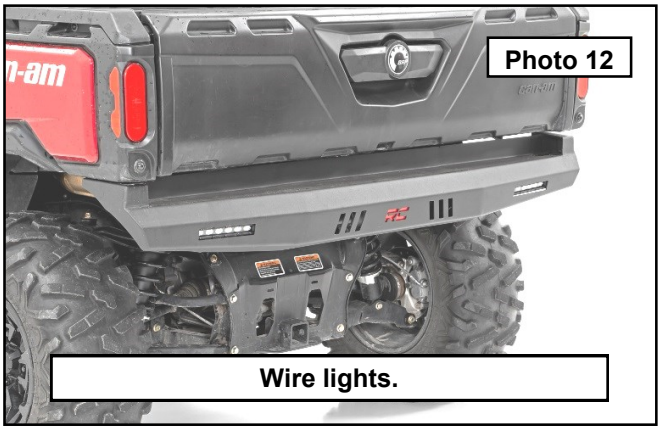
11. Reinstall the bumper brackets using the 5/16” hardware. Install the self threading bolts using a 1/2” socket. Do not overtighten and strip out. Torque the main mount hardware to 25 ft-lbs. **Photo 9**
12. Install the bumper to the mounts using the provided 3/8” hardware. **Photo 10**



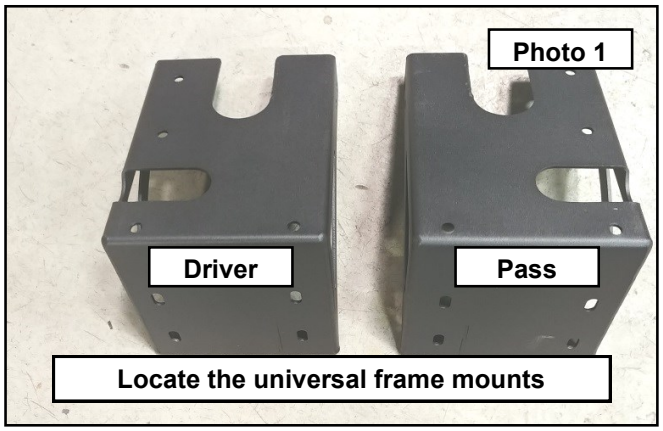


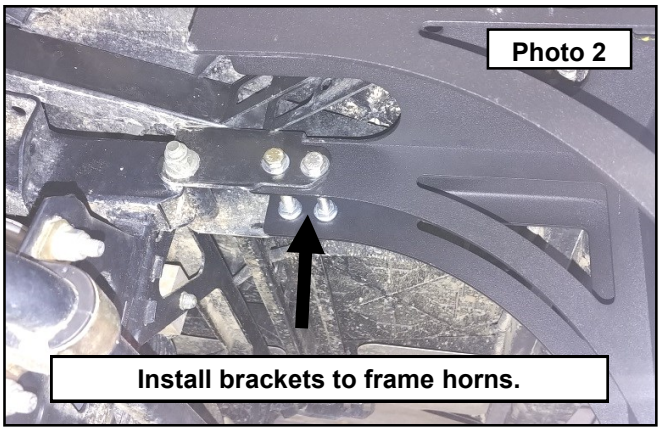
13. Adjust until all gaps are satisfactory. The bumper is adjustable left/right and up/down. Torque to 35 ft-lbs. **Photo 11**
14. Wire lights accordingly. Use the provided zip ties to hold the wire harness out of the way. **Photo 12**



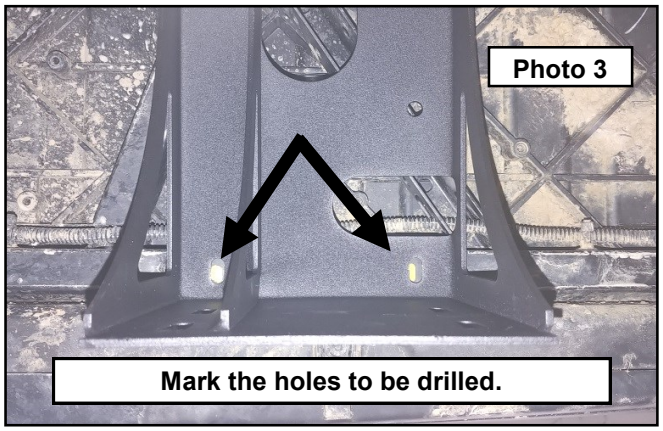


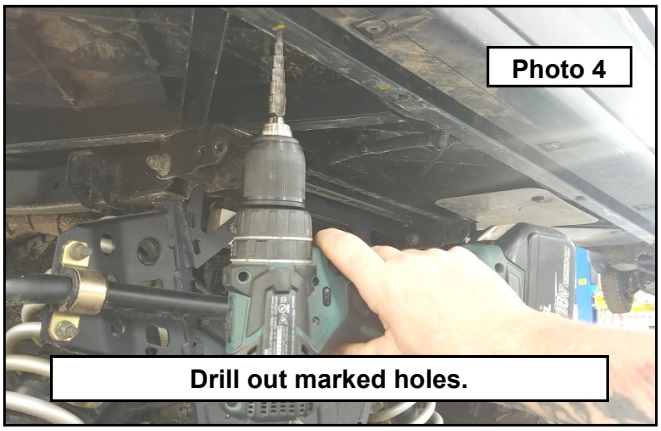
1. **Polaris Ranger:** There are multiple bed frames with the Ranger. You will have to verify the one you have for the steps to work. Ranger with Square tubing behind the tailgate and Ranger with flat plate behind the tailgate. Look under the bed to verify. Skip to the appropriate step for your model. Due to frame variances in the manufacturing process, you may need to open the holes up in your frame for the brackets to line up. If this is required, a step bit is great for opening the square holes up to round ones.
2. Locate the universal frame mounts. There is a driver and passenger side. The recess in the top of the brackets is for the factory wire harness to safely pass through. **Photo 1**
3. **Ranger with square tubing behind the tailgate:** You will see two frame horns with 4 square holes cut into it on either side about midway back behind the tailgate. Install the appropriate side brackets to the frame using the provided 5/16” bolts, washers and flange nuts. Do Not tighten. **(Driver side shown**) **Photo 2**



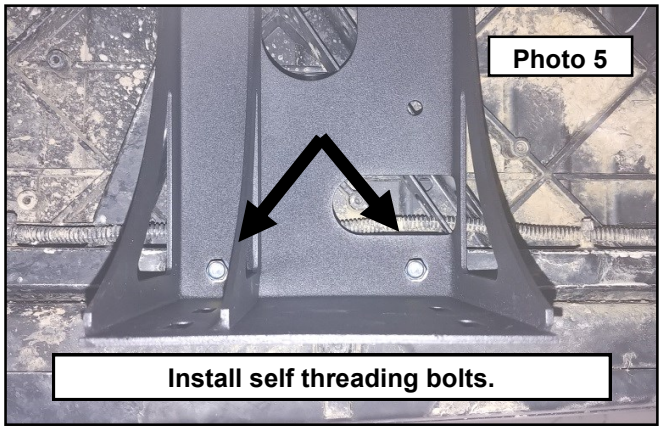


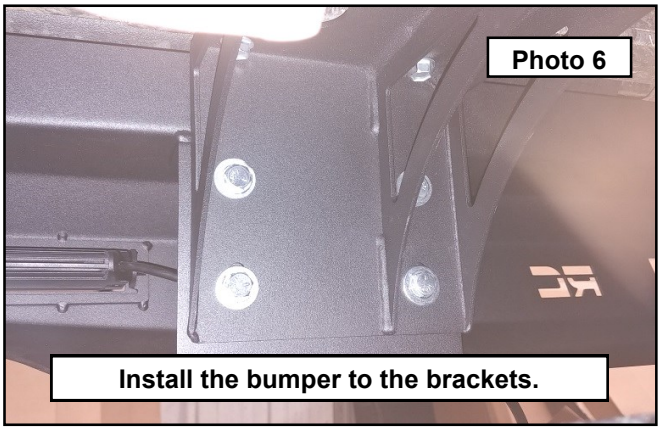
4. There are two holes at the front of the bracket. Mark these onto the frame. Remove the brackets. **Photo 3**
5. Drill out marked holes using a 9/32” drill bit. **Photo 4**



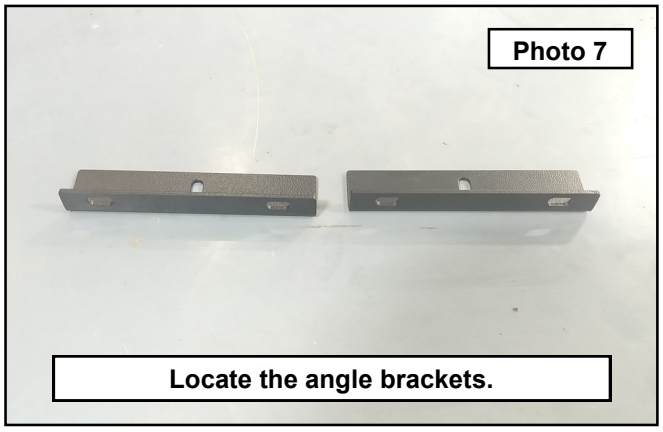


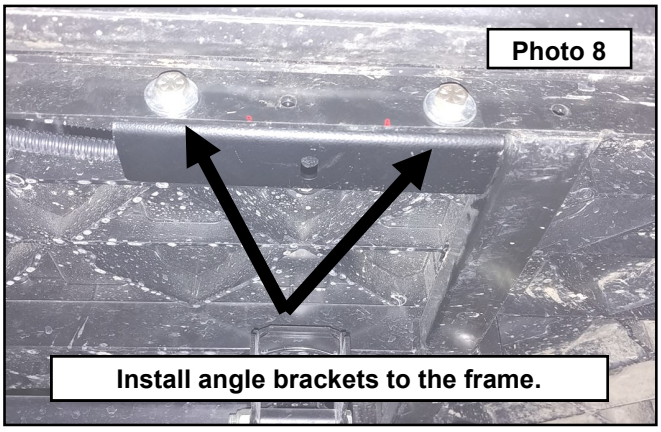
6. Reinstall the bracket using the 5/16” hardware. Install the self threading bolts into the holes drilled in the previous step using a 1/2” socket. Do Not overtighten and strip out. Torque the main mounting hardware to 25 ft-lbs. **Photo 5**
7. Install the bumper to the brackets using the provided 3/8” hardware. Adjust until all gaps are satisfactory and torque to 35ft-lbs. Wire the lights accordingly. Use the provided zip ties to hold the wire harness out of the way. **Photo 6**



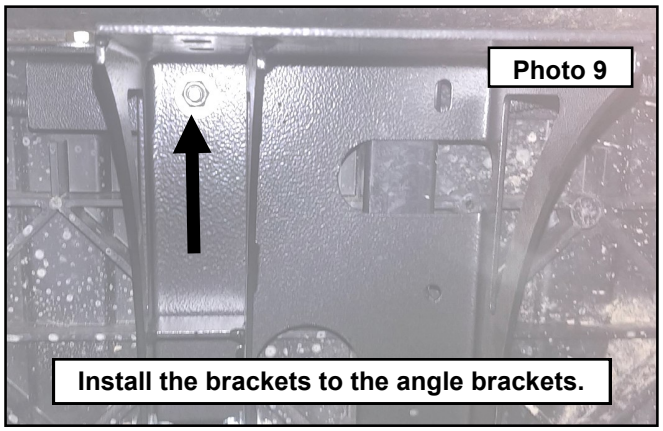


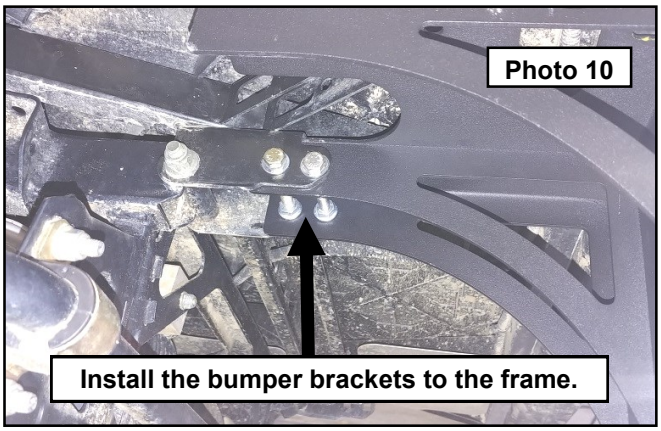
8. **Ranger with flat plate behind the tailgate:** Locate the angled and frame brackets. **Photo 7**
9. Install the angle brackets to the frame using the provided 5/16” hardware. Make sure to run the bolts from the tailgate forward. Other wise the tailgate will not open. Leave loose. **Photo 8**



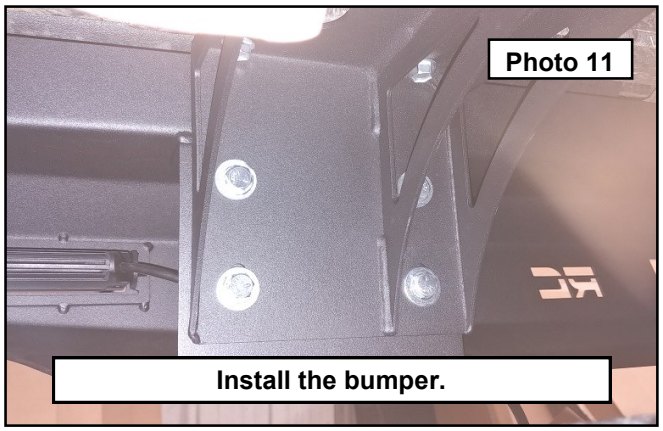


10. Install the universal brackets to the angle bracket using the provided 5/16” hardware. Leave loose. **Photo 9**
11. Install the brackets to the frame horns using the provided 5/16” hardware. (Driver side shown) Torque all 5/16” hardware to 25 ft-lbs. **Photo 10**





12. Install the bumper to the brackets using the provided 3/8” hardware. Do Not tighten at this time. **Photo 11**
13. Snug up the hardware and then adjust the gaps. The bumper is adjustable up/down, and left/right. Once satisfied with the fitment, torque the 3/8” hardware to 35 ft-lbs. Wire the lights accordingly. Use the provided zip ties to hold the harness out of the way. **Photo 12**





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