



NISSAN FRONTIER 2022+ DSTC REAR BUMPER



PLEASE READ ENTIRE GUIDE BEFORE INSTALLATION

Recommended that you read this entire install guide before installation. Check that all hardware is present before starting or scheduling an install. This guide is supplemental to mechanical knowledge and ability. Anyone not familiar with automotive installation should seek professional installation.

IMPORTANT INFO/FAQ

INSTALLATION HELP

Please review terms and conditions for details

Recommended purchaser review Welcome Guide at time of purchase for details

Care & Maintenance and Install Guides available at www.exp-one.com/resources

We do our best to offer timely assistance with your installation questions however as most of our team members are primarily engaged in the manufacturing process and packaging processes, we do not currently offer a tech for on-demand calls and inquiries. For the more technical installs or installs that are time-sensitive in nature, we would recommend our customers seek out the services of professional shops with experience specific to aftermarket bumpers.. We are happy to make recommendations to you on shops familiar with our products in your area. We do our best to respond to installation questions within 24-48 hours of contact as much as possible. Long-distance problem assessment can be difficult, so photos and videos are often required for us to best assist you. We highly recommend your initial contact regarding installation questions include both close-up and full photos, detailed descriptions using our part descriptions as much as possible, and video. This enables us to better assist without having the ability to see the install difficulties directly and assist you as quickly as possible.

NOTE

Expedition One does not guarantee fitment with other aftermarket products, or reinstallation of take off OEM parts.

Expedition One is NOT RESPONSIBLE for damage to paint or powder coating, items assembled in error during installation or costs associated with install, and injury.

OEM manufacture model refreshes/updates, factory build location and suppliers may cause variations in fitment or installation and can not be verified, vehicle to vehicle .

EXPEDITION ONE
113 N. 700 W. BUILDING 5C BAY 1
OGDEN, UT 84404
INFO@EXPEDITIONONE.BIZ
801-627-2921 MON-FRI 0900-1700 MST

INSTALL LEVEL



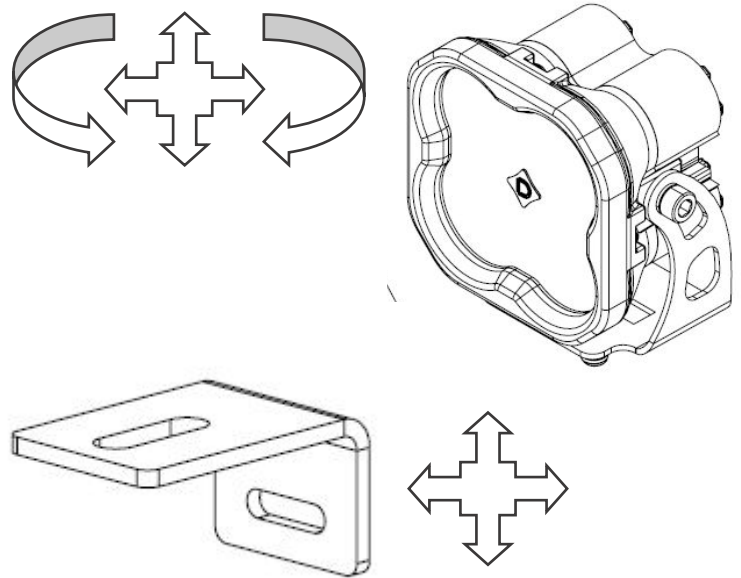
- | | | |
|---------|-------|--|
| 1 STAR | ★ | EASY - No tools required |
| 2 STARS | ★★ | BASIC - Requires standard tools, basic mechanical knowledge and understanding |
| 3 STARS | ★★★ | MODERATE - Requires standard tools. Some drilling and/or cutting. |
| 4 STARS | ★★★★ | ADVANCED - Requires speciality tools. Drilling, cutting, and grinding required |
| 5 STARS | ★★★★★ | EXPERT - Professional installation recommended. |

We always recommend professional assistance when installing our vehicle products. Always follow safety precautions including the use of safety gear and devices.

IMPORTANT INFO/FAQ

LIGHT PORTS + LIGHT BARS

To give you a wide range of options from various brands and designs, the light ports were designed to be as universal as possible. Not all mounts or designs will fit exactly and may require the use of shims, spacers, removal of housings or covers, different light manufacture mounts or hardware to mount. Reuse of OEM light is limited to select bumpers and will come with provided hardware to reinstall. Specific mounts or options if available will be listed at time of purchase and provided with hardware. Bolt-on light ports or mounts will mount as per the instructions. It is recommended that lights be purchased with the bumper in hand to gain the best fitment. We DO NOT manufacture the lights, provided wiring, or instructions on how to connect to the OEM harness. Seek professional installation on hybrid or electric vehicles



EXAMPLE SHOWN - LIGHT PORTS WILL VARY

AFTERMARKET or OEM PRODUCTS

We DO NOT guarantee fitment or installation of any aftermarket, third party or OEM parts, accessories, or hardware. This includes items such as lighting, winches, skids, lifts, suspension, and accessory mounts. Access to all brands, manufactures and country of origin specific parts is limited or impossible during the product development stage and subsequent new or modified revisions of said products including OEM design changes or refreshes. It is recommended you have the product in hand and installed before modifying with other aftermarket parts. Consult other sources to gain any first hand knowledge of other products others have installed.

EXAMPLES

The illustrations, diagrams, and examples shown in this guide are provided for reference purposes only. Actual installations may vary depending on model, configuration,, or product updates. Drawings, visuals, and component layouts may differ from what is shown, but the installation principles and procedures remain the same.

USE IN CONJUNCTION WITH DSTC ARM SYSTEMS GUIDE

Recommended that you start with the DSTC install guide for installation of items listed below that may have limited access once installed on the vehicle.

- Tread Plate
- Pin Plates
- Kickplate Assemblies

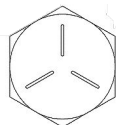
IMPORTANT INFO/FAQ

HARDWARE

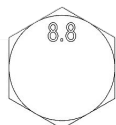
Please review for details and installation. Figures or data may vary. Leave all accessible hardware loose for installation and tighten all hardware after everything is installed on the vehicle. Check and tighten all hardware after the first 100 miles and/or after off roading.

Some hardware locations do not require being tightened to spec due to there design, location or material attachment (including rubber, plastic, and aluminum). Over tightening may break or damage parts. Torque spec may vary, amounts listed are generic.

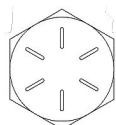
HARDWARE		TORQUE SPEC	
SIZE	SOCKET	GR5 / 8.8	GR8 / 10.9
#8	1/4"	X	
#10	5/16"		
1/4"	7/16"	6-8	9-10
5/16"	1/2"	13-14	18-20
3/8"	9/16"	23-26	33-37
7/16"	5/8"	37-41	52-58
1/2"	3/4"	57-64	80-90
9/16"	13/16"	82-91	115-129
5/8"	15/16"	112-118	159-180
3/4"	1-1/8"	200-223	282-315
1"	36MM	X	
M6	10MM	9-10	13-15
M8	13MM	22-24	32-35
M10	15MM	44-49	64-72
M12	18MM	76-83	112-123
M14	21MM	102-112	165



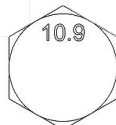
GRADE 5


















CLASS 8.8



GRADE 8



CLASS 10.9

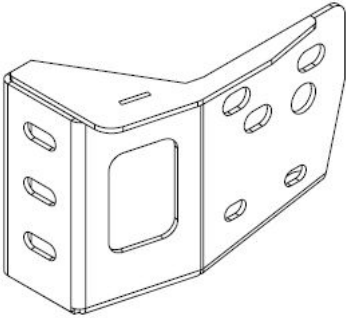
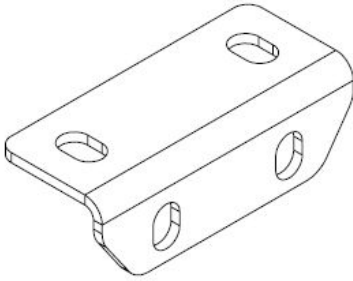
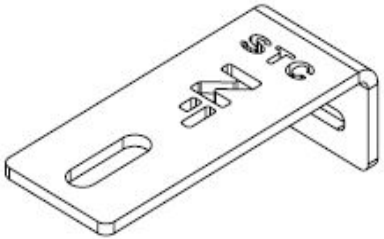
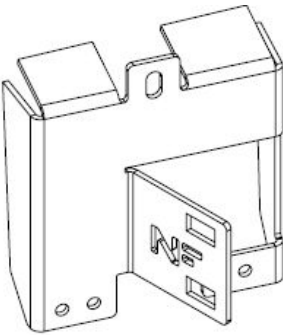
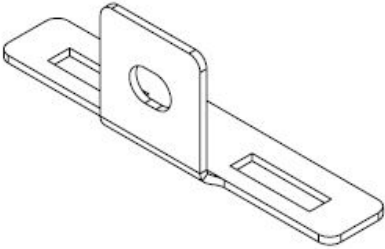
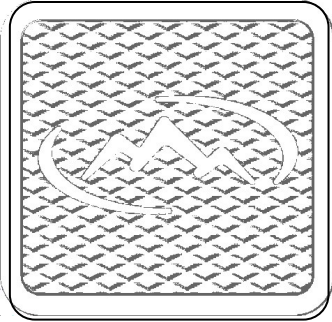
TYPES OF HARDWARE		
		
HEX CAP BOLT	WASHER	NYLOC NUT
		
BUTTON HEAD BOLT	FENDER WASHER	HEX NUT
		
CARRIAGE BOLT	INTERNAL TOOTH	JAM NUT
		
SOCKET CAP BOLT	CLIP NUT	ACORN NUT
		
FLAT HEAD SCREW	RIVET NUT	COUPLING

NOTE

Extra hardware may be left over due to model or option specific items that may not be required for the install. OEM hardware may vary in style or socket size from shown.

**TIGHTEN ALL HARDWARE AFTER EVERYTHING IS INSTALLED ON THE VEHICLE.
CHECK AND TIGHTEN ALL HARDWARE AFTER THE FIRST
100 MILES AND AFTER OFF ROADING. CHECK REGULARLY**

HARDWARE

FRAME BRACKET	2	REINFORCEMENT BRACKET	2	LIGHT TAB BRACKET	2
					
SENSOR BRACKET	qty	SENSOR TOP CLIP	qty	SENSOR COVER	qty
					

1/4" – 20 X 3/4" BUTTON HEADS	26
1/4" – 20 NYLOC NUT	26
1/4" WASHER	6
5/16" – 18 x 1" CARRIAGE BOLT	8
5/16" – 18 NYLOC NUT	8
5/16" WASHER	8
1/2" – 13 x 1 1/4" HEX CAP BOLT	10
1/2" – 13 NYLOC NUT	10
1/2" WASHER	20
LIGHT & WIRE SET	1
SENSOR BEZELS	4
TREAD PLATE	1

1 – DISCONNECT WIRING HARNESS

Disconnect the rear bumper parking sensors and license plate light wiring harness via the drivers side connector located in the corner of the bumper

2 – REMOVE OEM HARDWARE AND BUMPER

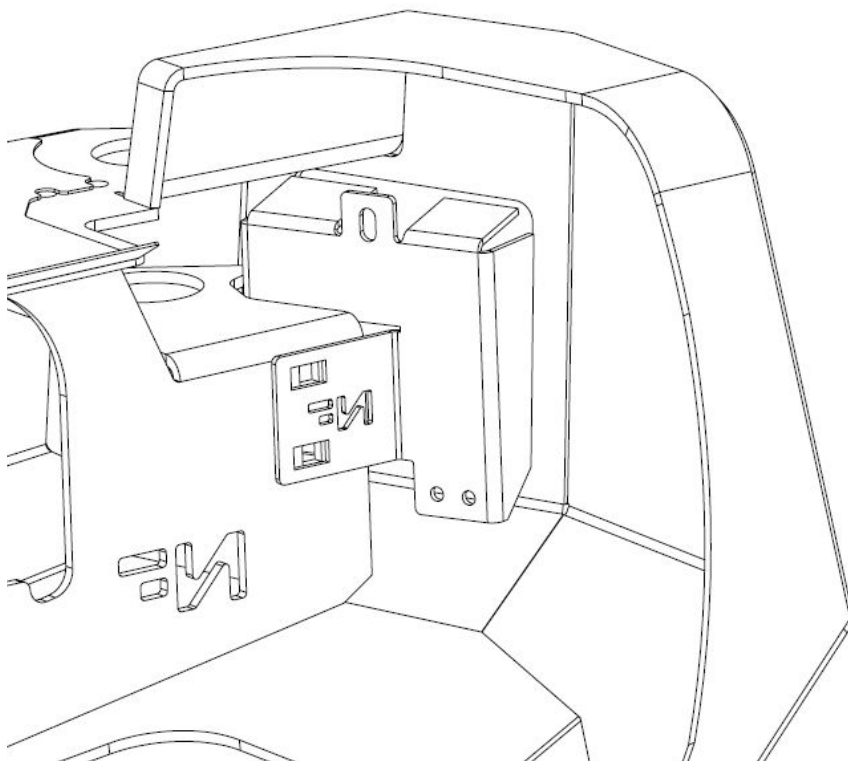
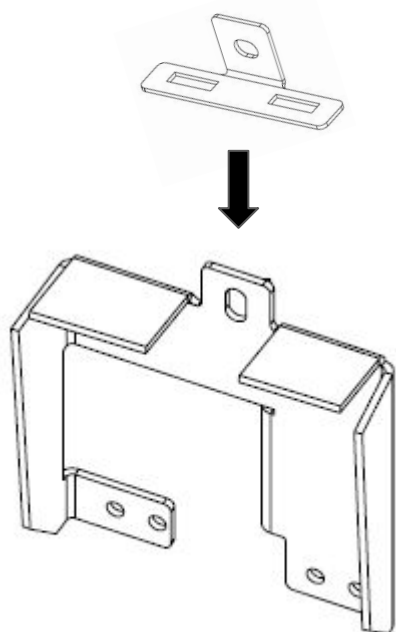
Remove the rear bumper and OEM frame mount hardware. Save the OEM hardware installation of the frame brackets later. Undo the OEM wiring harness and license plate lights from the bumper. Disconnect the side sensors from their housings.

3 – INSTALL TREAD PLATE

Mount the Tread plate (tread pack kit) and Pin Plates (tread pack and/or kick plate pack kits) using the 1/4" hardware

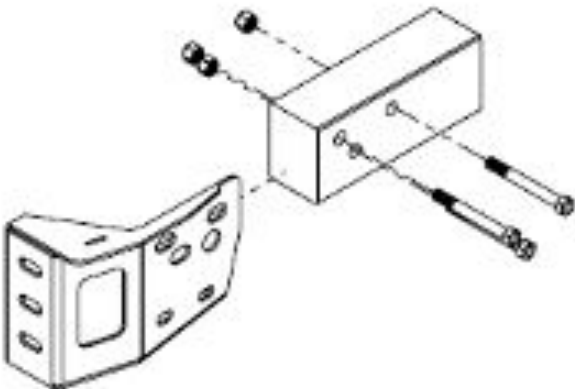
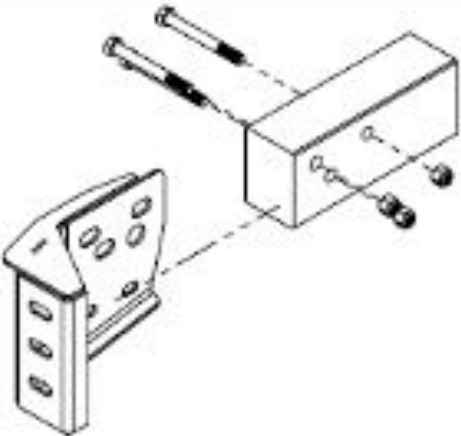
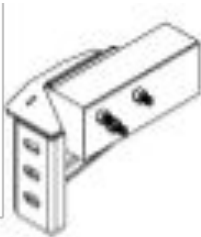
4 – SENSOR INSTALLATION

Place the OEM wiring harness into the new bumper, threading the wiring through so that connectors match their respective positions. Make sure the wiring harness connector is located on the correct side of the vehicle. Reattach all 4 parking sensors to the provided sensor bezels. Avoid placing the wiring harness near mounting holes and visible cutouts. Place the side sensors into the brackets and mount using 1/4 " hardware, Ensure sensors match original sides and the top is holding the sensor in place. Once attached connect the harness and mount the bracket as shown using the provided 5/16" hardware. Adjust and needed.



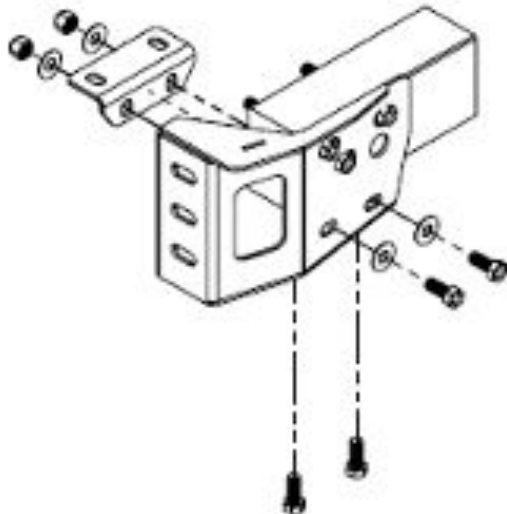
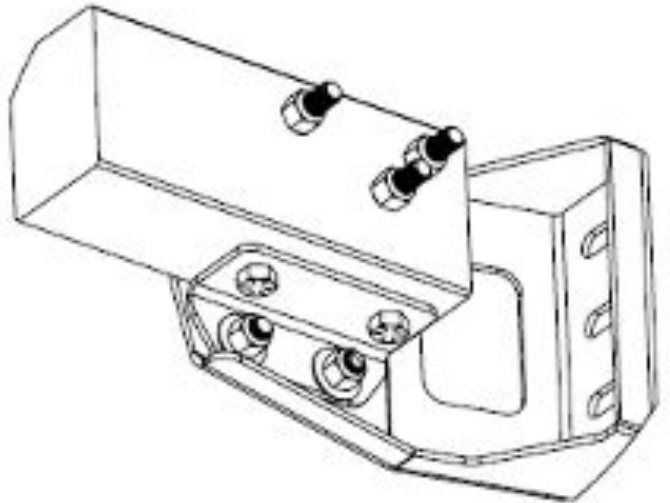
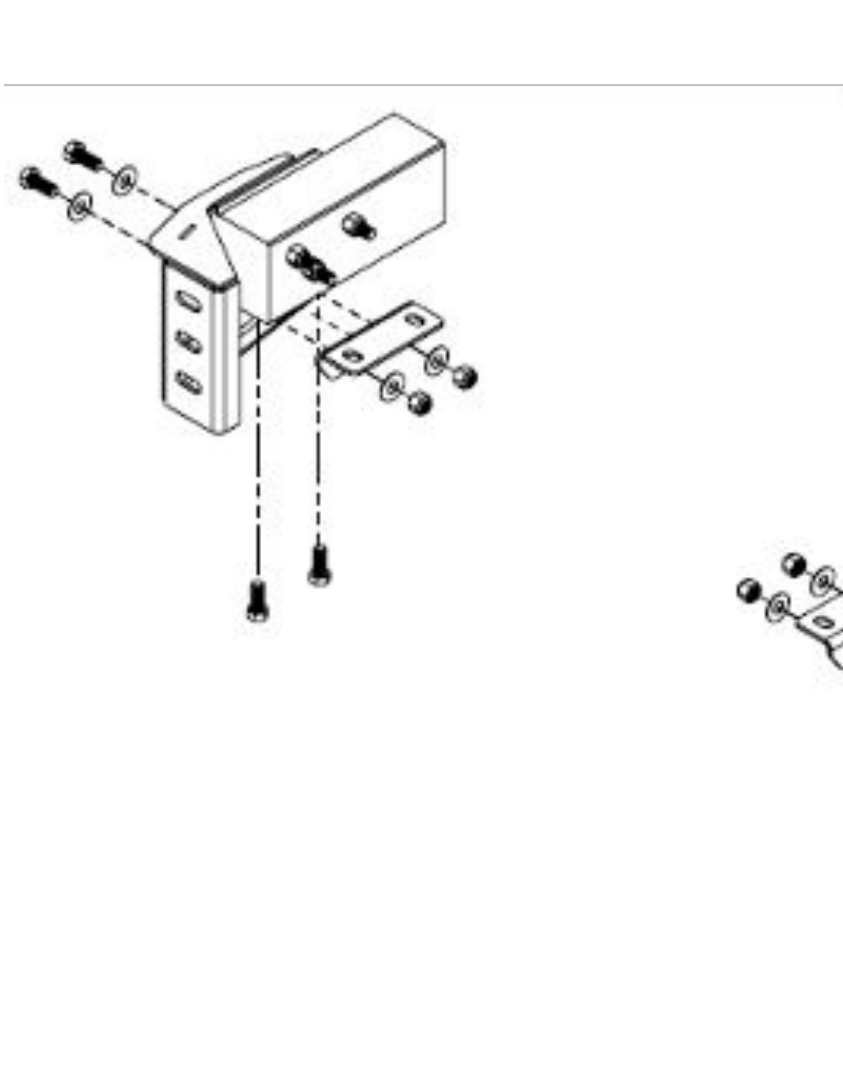
5 – FRAME MOUNT BRACKETS

Attach the frame bracket next to the frame as shown. Mount using the OEM Hardware. Leave all hardware loose for adjustment.



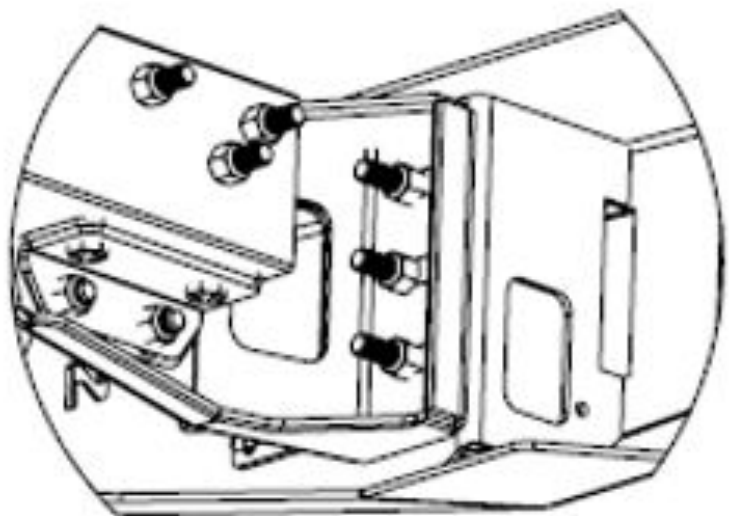
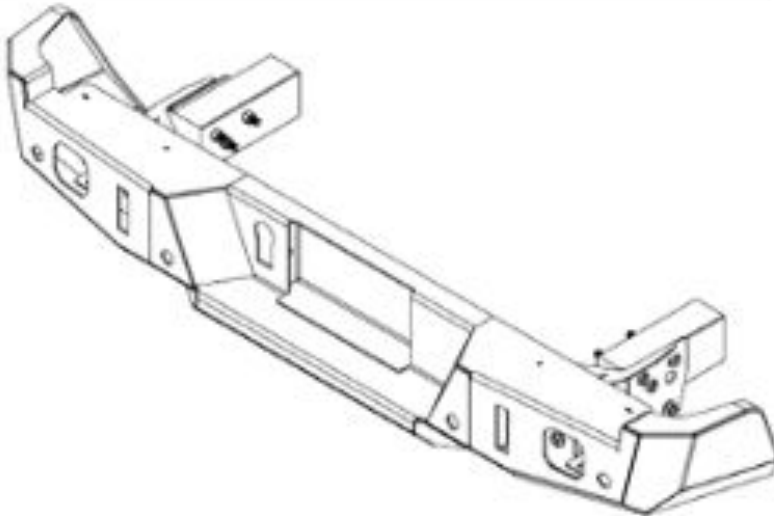
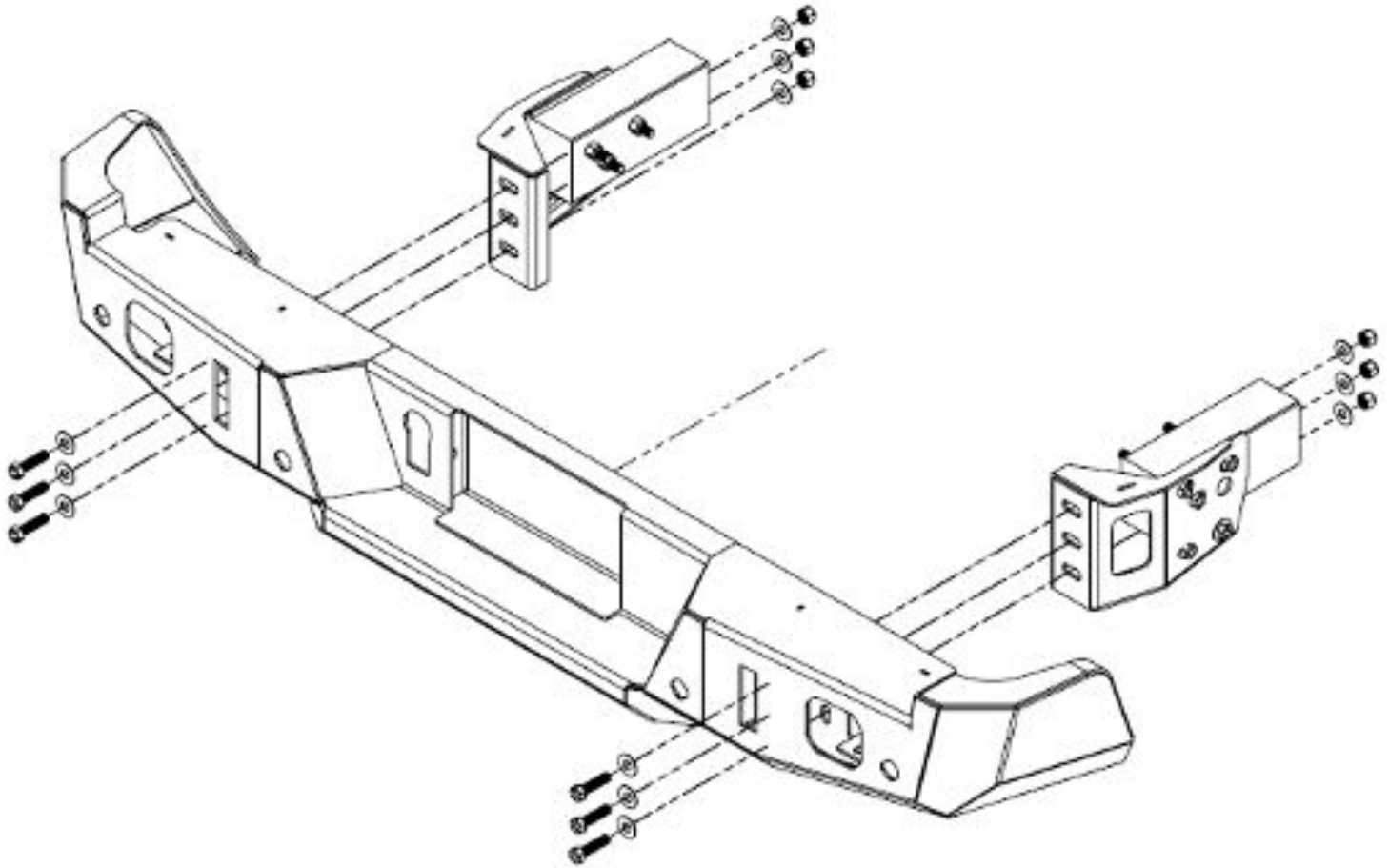
6 – REINFORCEMENT BRACKETS

Attach the reinforcement brackets next to the frame and mounting brackets as shown. Mount using the provided 1/2" and OEM Hardware. Leave all hardware loose for adjustment.



7 – BUMPER INSTALLATION

Mount to the vehicle using the provided 1/2" hardware as shown to the mounting brackets. Leave hardware loose for adjustment and tighten once in place including frame mounts



8 – LICENSE PLATE LIGHTS

Splice in the new license plates using the provided connectors. Wire colors may be reverse or different from the OEM wiring, test before plugging in the connectors.

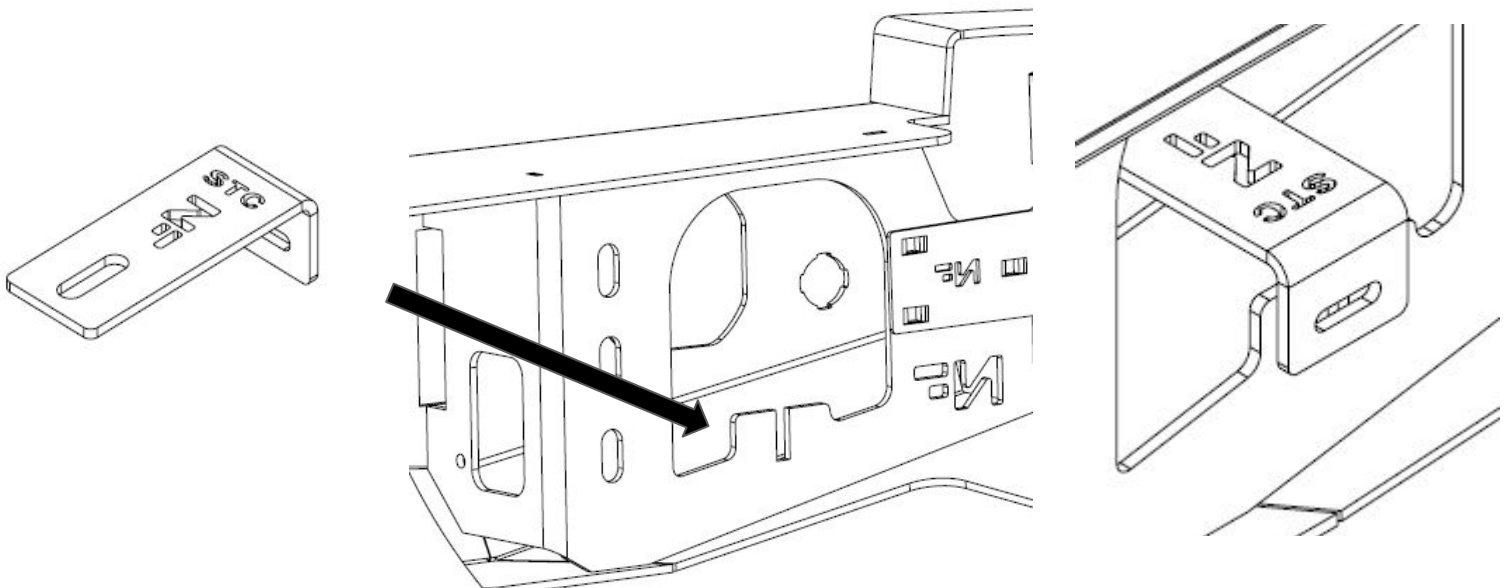


9 - RECONNECT WIRING HARNESS

Reconnect the harness to the vehicles electronics. Check that everything is working and adjust as needed before driving on the road. Secure any loose wiring.

10 – LIGHT TAB MOUNT

Mount the light tabs in the slotted openings using the provided 5/16” carriage bolts and hardware. Adjust as needed and tighten.



11 – TIGHTEN ALL HARDWARE

Adjust the bumper to its desired location and TIGHTEN HARDWARE. Check that all hardware is tightened including all brackets and mounting locations.