



INSTALLATION GUIDE

LAND CRUISER 250 SAM



NOTE

SKILL 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/or welding
5 STARS	★★★★★	EXPERT - Professional installation recommended.

DISCLAIMER

Expedition One is not responsible for any damages to vehicle or injury.
We always recommend professional assistance when installing our vehicle products.

Always follow safety precautions including the use safety gear and devices.

ATTENTION

When assembling the Mule SAM Rack, remember to hand-tighten all bolts relatively loose until the very end of the install. This allows everything to fit into place before everything is tightened down.

We highly recommend customers wait until they have the product in hand to schedule installations. All cancellations are required in writing and will incur a 10% re-stock fee and any applicable packaging and shipping fees. Please review terms and conditions for details.

- *Exact load bar dimensions may vary due to the manufacturing process
- *Varied models and trims may have different parts or designs requiring different removal processes or hardware
- * Front air dam was designed for the GMC Sierra and may vary on other GM models

HARDWARE

MOUNTING HARDWARE

SIDE FASCIA	2
FRONT ROOF MOUNT “F”	2
MIDDLE ROOF MOUNT. “M”	
REAR ROOF MOUNT “R”	2
AIR DAM	1
WEATHER STRIPPING	1
LOAD BAR	4.5/7.5
LOAD BAR SPACER	4

SAM RACK HARDWARE

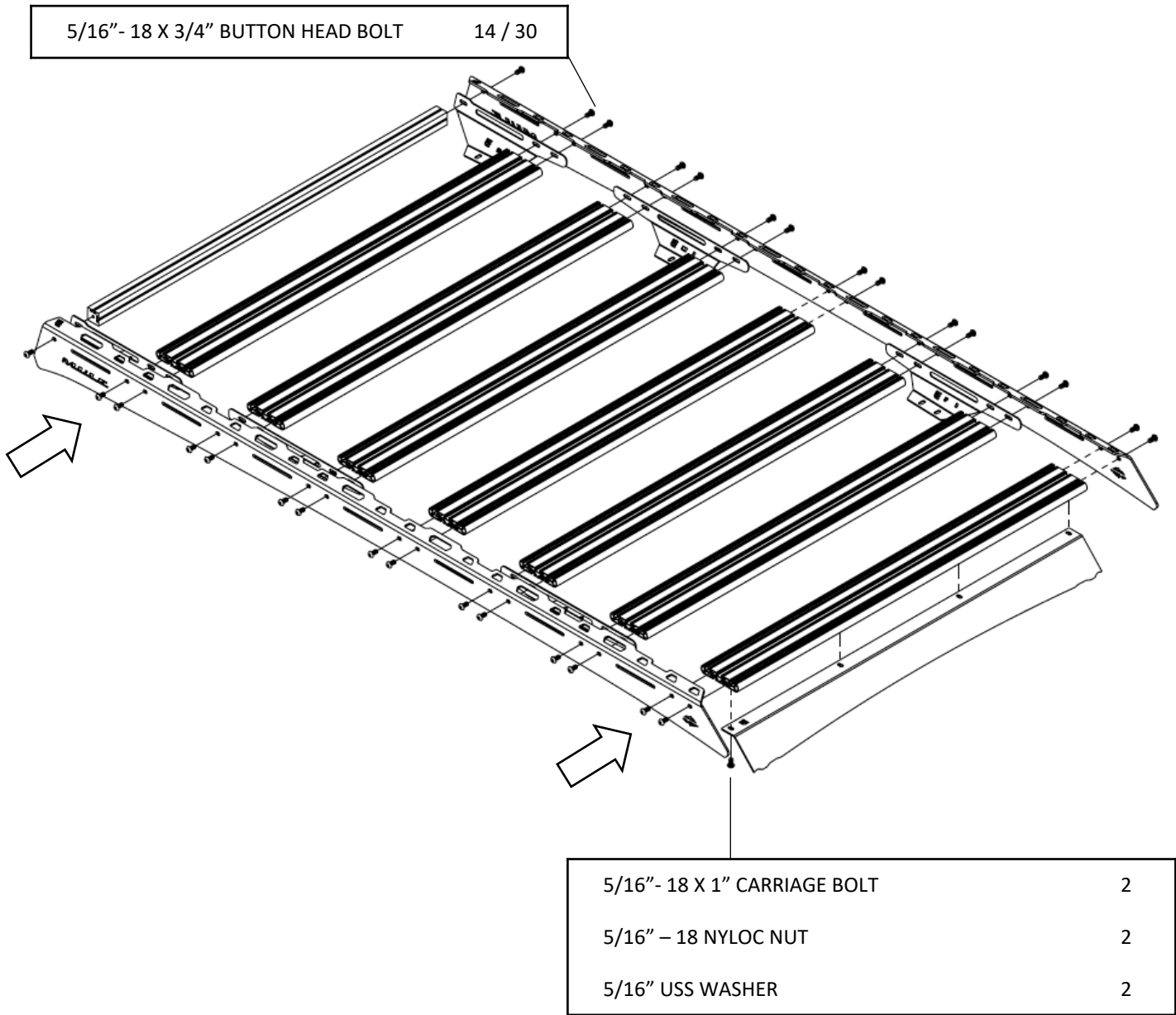
5/16"- 18 X 3/4" BUTTON HEAD BOLT	14 / 30
5/16"- 18 X 1" CARRIAGE BOLT	2
5/16" – 18 NYLOC NUT	8
5/16" USS WASHER	10

EXTRA HARDWARE MAY BE LEFT OVER DUE TO MODEL OR OPTION SPECIFIC
HARDWARE THAT MAY NOT BE REQUIRED FOR THE INSTALL.

INSTALLATION

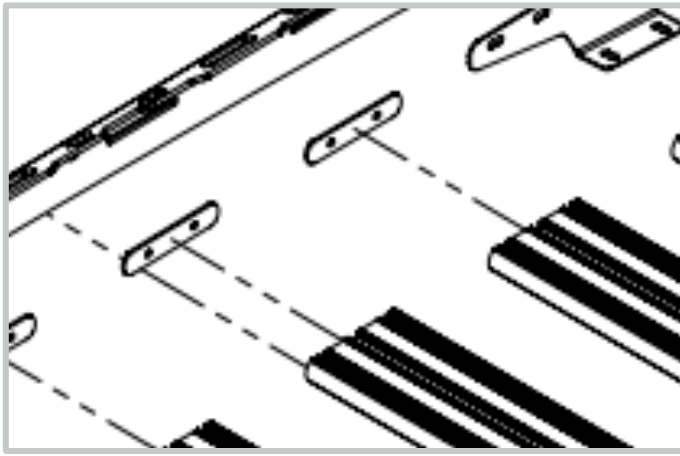
RACK ASSEMBLY

Assemble the rack as shown. Start by attaching each side fascia to the load bars. Repeat this step for the other side, and do not tighten hardware. Bar locations may vary depending on OEM options and bars purchased. Marked (arrow) locations must have a load bar attached.



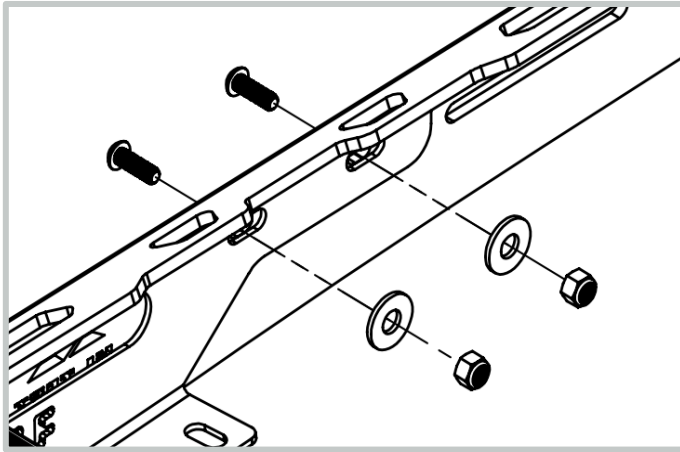
FRONT AIRDAM

Attach the provided weather stripping to the underside of the air dam and trim to fit. Mount the air dam to the front load bar as shown (open end front facing) in the forward slot.



LOAD BAR SPACER

Insert the spacer between the side fascia and load bars for non mount bracket locations



LOCATION WITH NO LOAD BAR

Attach the mount as shown using the provided 5/16" hardware. If the location doesn't mount to anything leave empty

OEM MOUNTING LOCATIONS

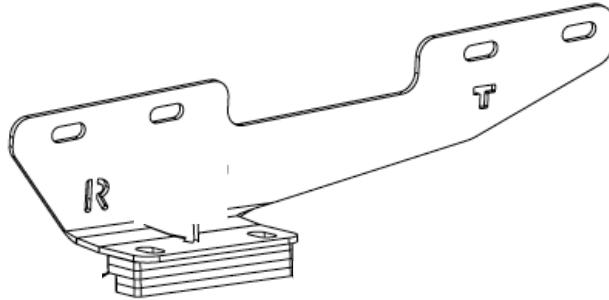
Remove the OEM roof rails sides if equipped. Locate the mount areas by removing the painted sticker. Place the provided foam tape of the locations and punch out the holes.



MOUNTING

Mount the rack into position on top of the spacer locations and align with each bracket. Use the provided M6 hardware. Use the provided spacers to rest the brackets on above the roof seams. Use extra spacers to level and adjust the roof rack as needed. Square up the rack and tighten all hardware once completed.

SPACER EXAMPLE



TIGHTEN ALL HARDWARE

Check that all hardware is tightened including all brackets, load bars, and mounting locations.

TIGHTEN ALL HARDWARE AFTER EVERYTHING IS INSTALLED ON THE VEHICLE.

CHECK AND RETIGHTEN ALL HARDWARE AFTER THE FIRST 100 MILES AND AFTER OFF ROADING.

CHECK REGULARLY