



TYGER ROOF RACK

TG-RR1J33448

BEFORE INSTALLATION

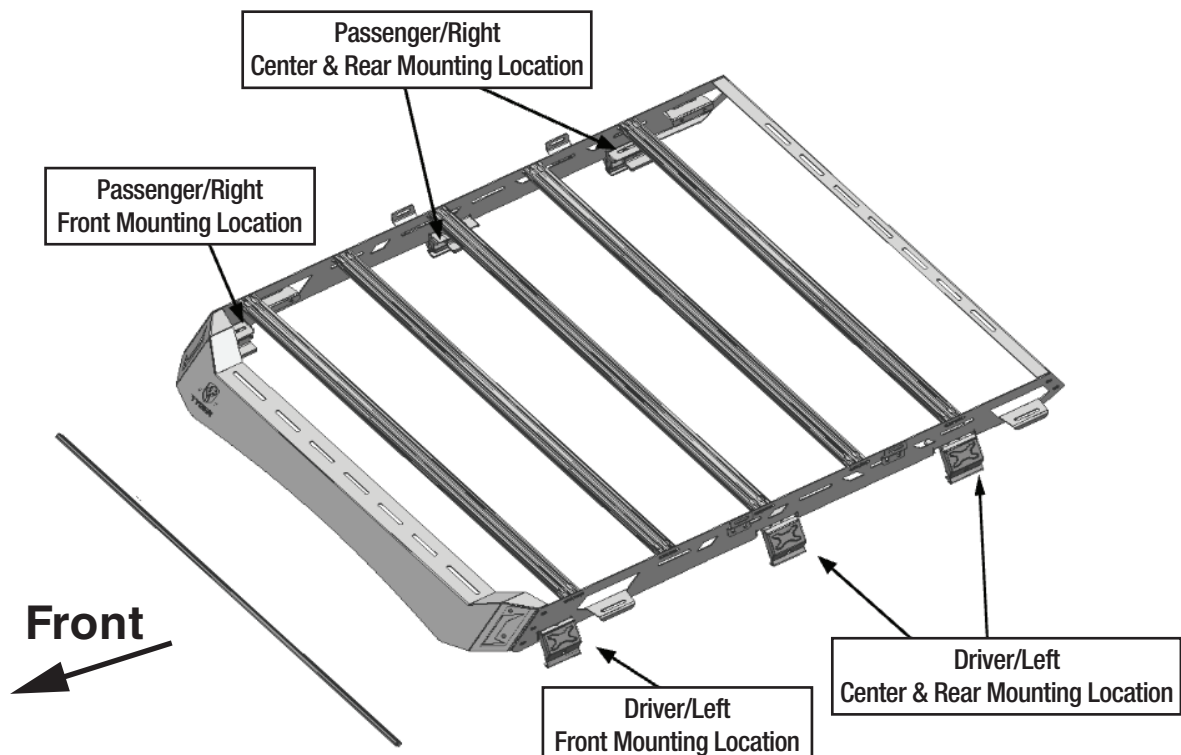
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, PLEASE VISIT: WWW.TYGERAUTO.COM/CONTACT

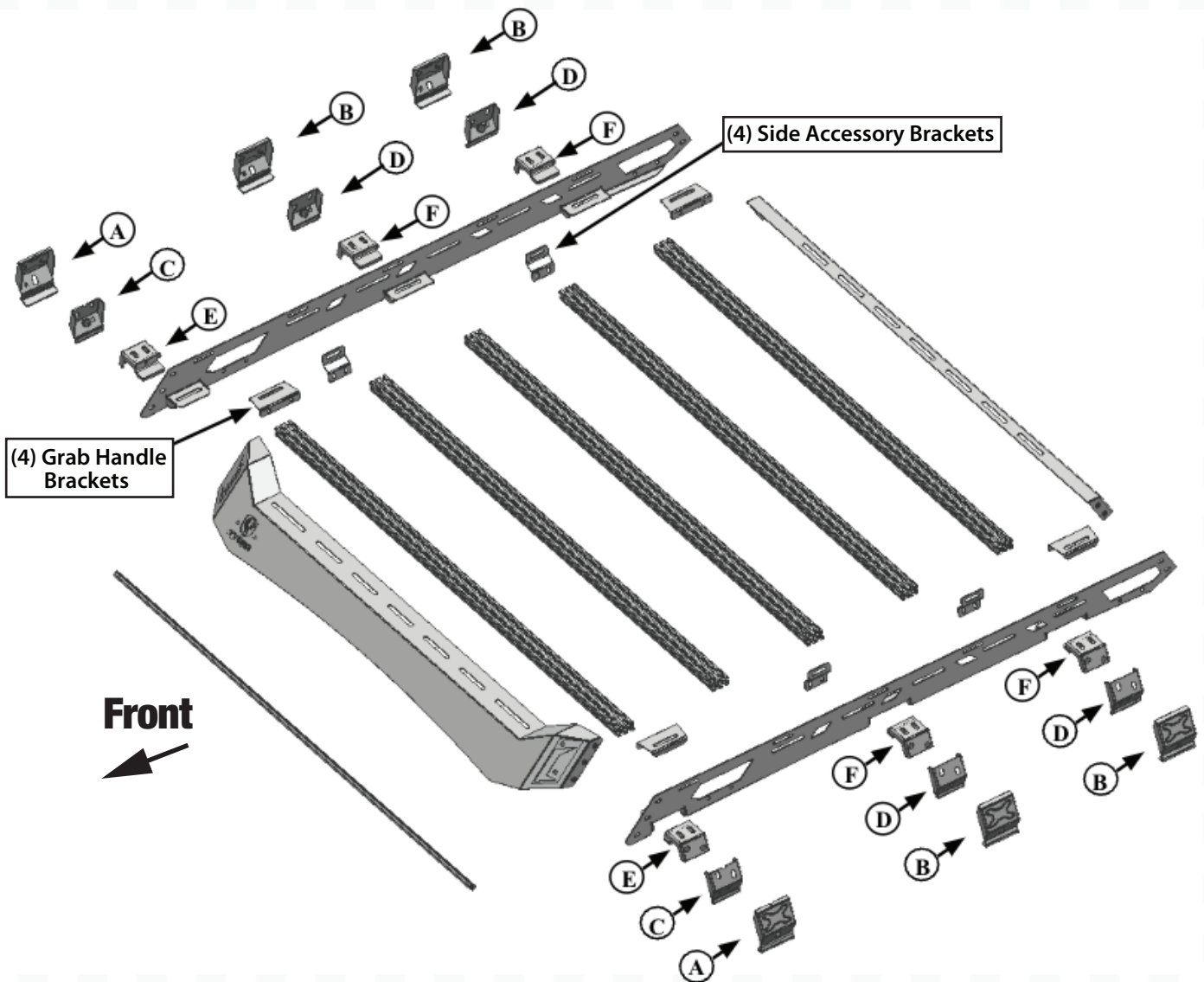
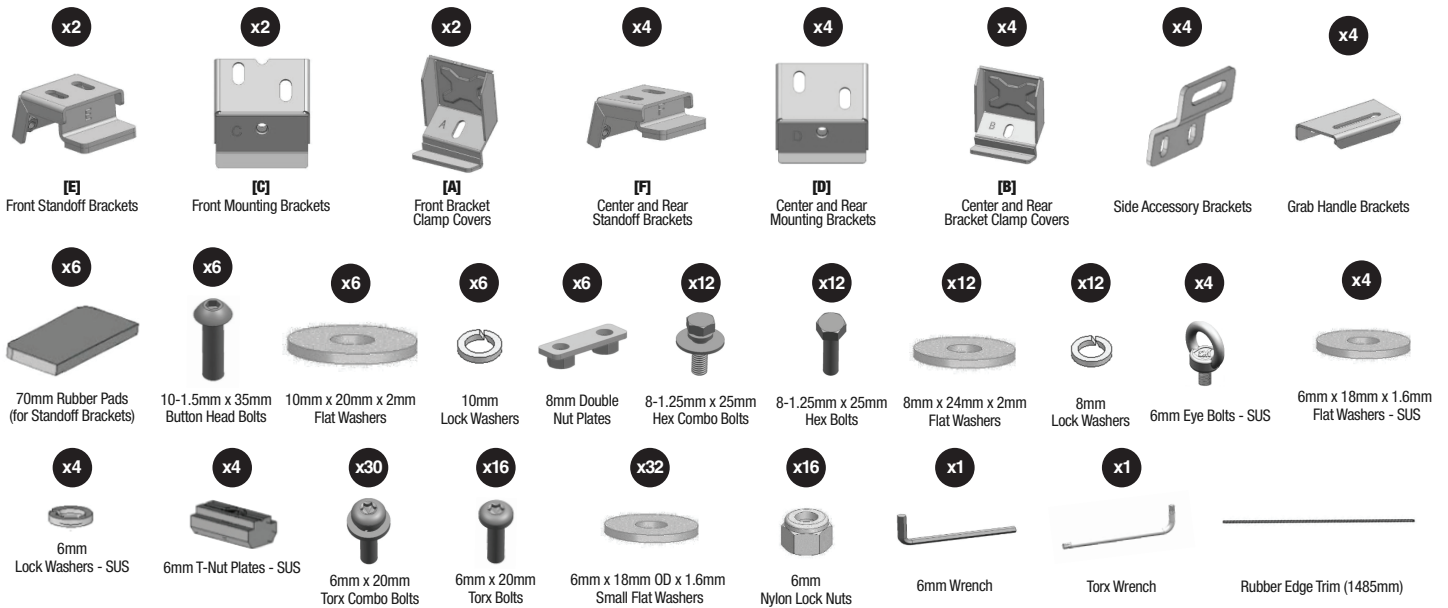
TORQUE VALUES

Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

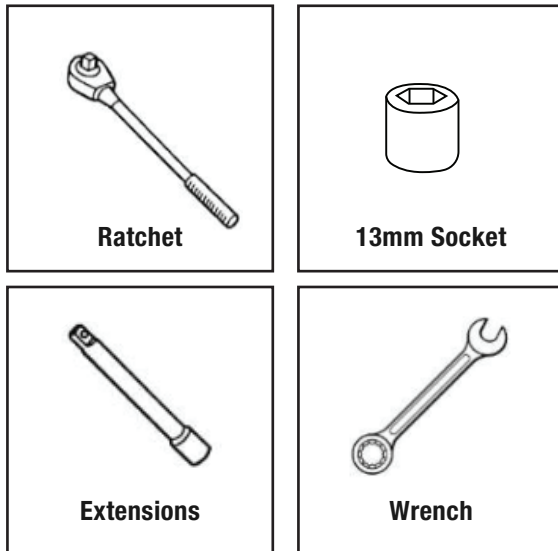
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|--|--|---|
| x1 Front Cross Panel | x4 Side Accessory Brackets | x4 6mm x 18mm x 1.6mm Flat Washers - Stainless Steel (SUS) |
| x1 Rubber Seal (1485mm) | x4 Grab Handle Brackets | x4 6mm Lock Washers - Stainless Steel (SUS) |
| x5 Crossbars | x6 70mm Rubber Pads (for Standoff Brackets) | x4 6mm T-Nut Plates - Stainless Steel (SUS) |
| x1 Rear Cross Panel | x6 10-1.5mm x 35mm Button Head Bolts | x30 6mm x 20mm Torx Combo Bolts |
| x1 Driver/Left Side Panel | x6 10mm x 20mm x 2mm Flat Washers | x16 6-1.0mm x 20mm Torx Bolts |
| x1 Passenger/Right Side Panel | x6 10mm Lock Washers | x32 6mm x 18mm OD x 1.6mm Small Flat Washers |
| x2 Front Standoff Brackets [E] | x6 8mm Double Nut Plates | x16 6mm Nylon Lock Nuts |
| x2 Front Mounting Brackets [C] | x12 8-1.25mm x 25mm Hex Combo Bolts | x1 6mm Wrench |
| x2 Front Bracket Clamp Covers [A] | x12 8-1.25mm x 25mm Hex Bolts | x1 Torx Wrench |
| x4 Center and Rear Standoff Brackets [F] | x12 8mm x 24mm x 2mm Flat Washers | |
| x4 Center and Rear Mounting Brackets [D] | x12 8mm Lock Washers | |
| x4 Center and Rear Bracket Clamp Covers [B] | x4 6mm Eye Bolts - Stainless Steel (SUS) | |

Parts List






TOOLS REQUIRED

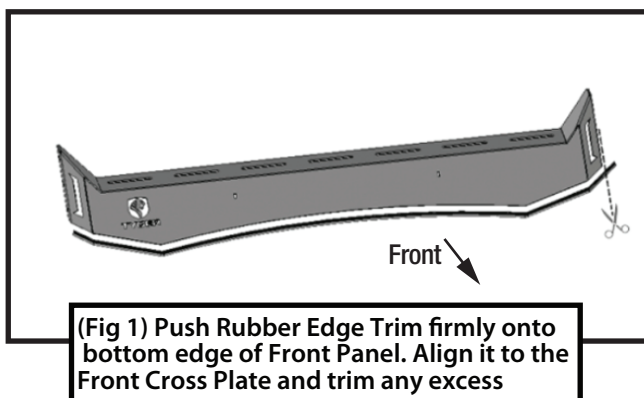


STEP 1 RACK FRAME ASSEMBLY

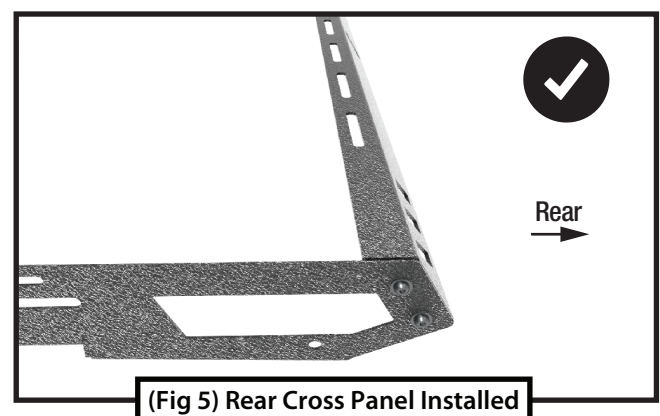
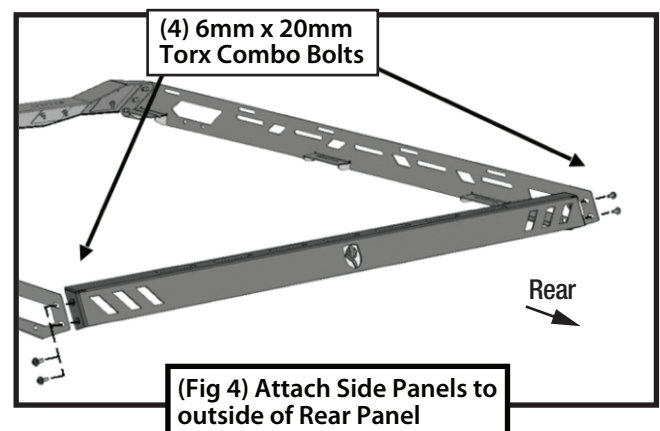
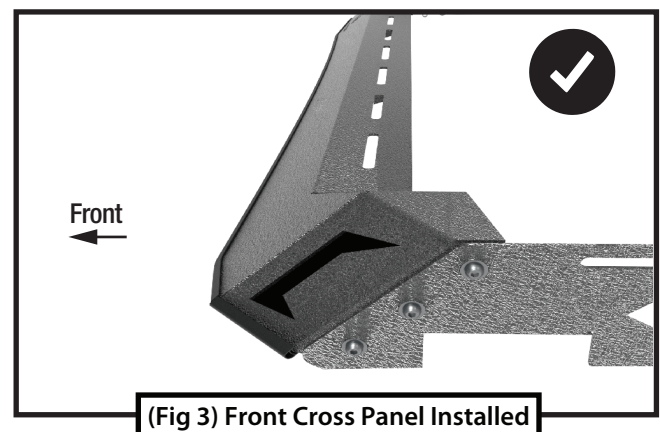
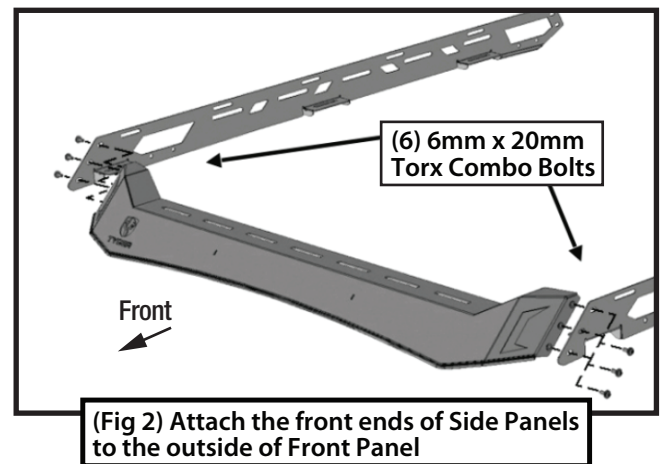
Follow (Fig 1-5) to install the Rack Frame.

 **Hardware Bag for Frame and Aluminum Bars is needed.**
DO NOT fully tighten hardware.

Paintable Inserts: If you plan on painting the accent color plates, jump to **STEP 10** and continue.



IMPORTANT: Rubber Seal must be installed before rack assembly placed on the vehicle. And ensure insert is tightly screwed with no gap against wind fairing.

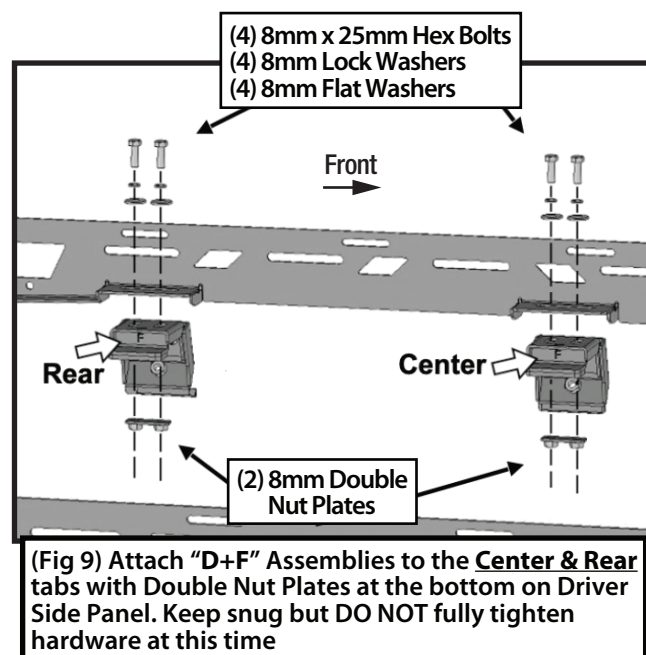
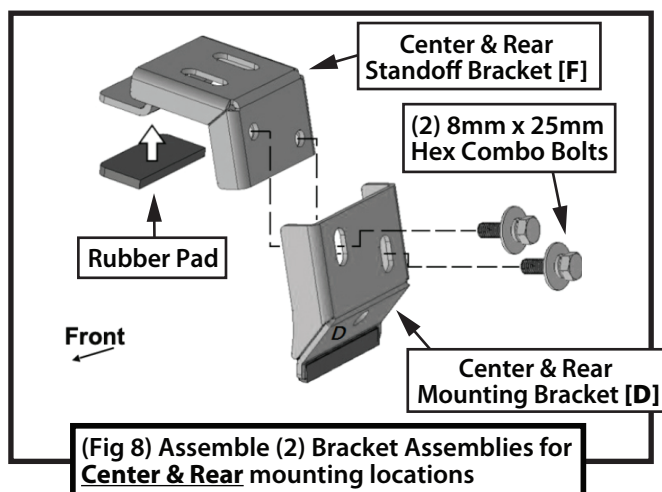
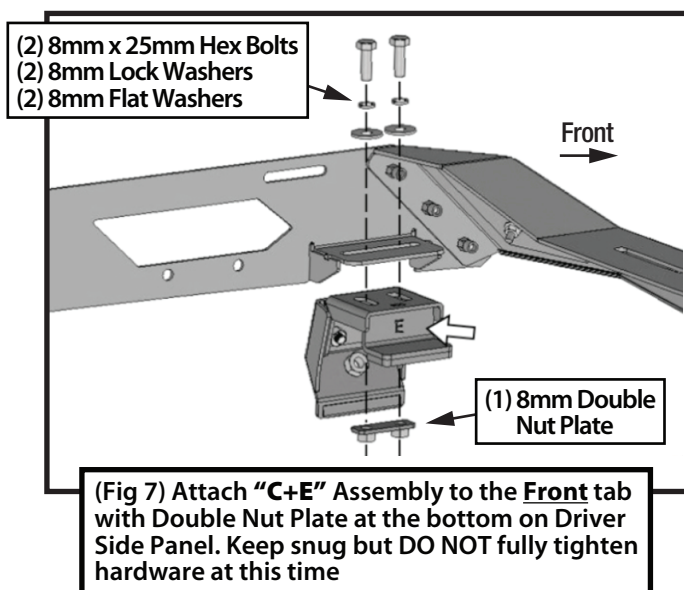
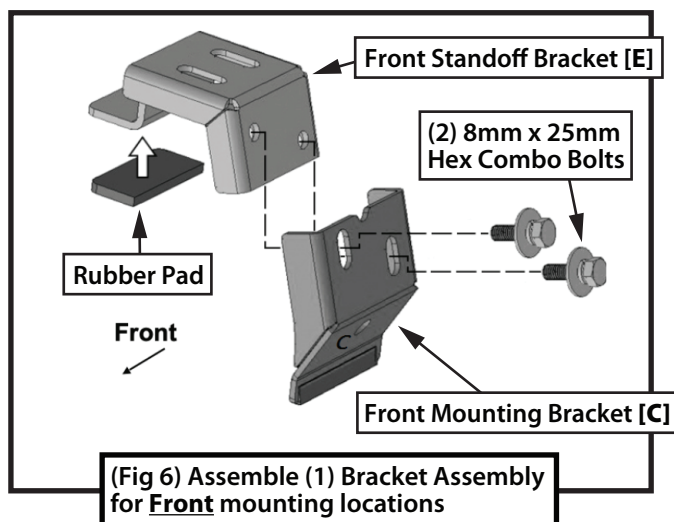


IMPORTANT: Follow the torque specs on **PAGE 1** to properly install the hardware to prevent looseness and vibration. All 6mm hardware should be torqued to approximately **7ft-lb**

STEP 2 ATTACHING MOUNTING BRACKETS

Follow (Fig 6-9) to attach (3) Bracket Assemblies to the Driver Side Panel of the rack frame. Then repeat the STEP to assemble and attach the (3) Passenger Side Bracket Assemblies.

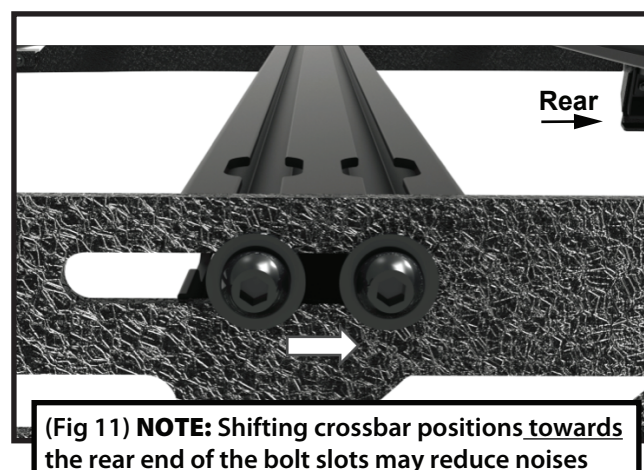
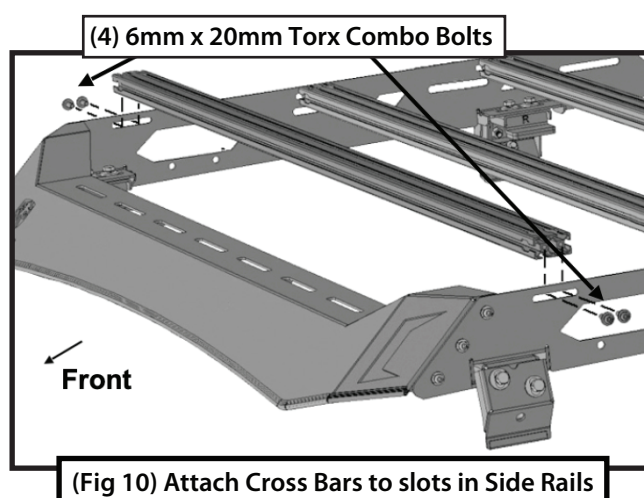
 **Hardware Bag for Vehicle Installation is needed.**



STEP 3 INSTALLING CROSSBARS

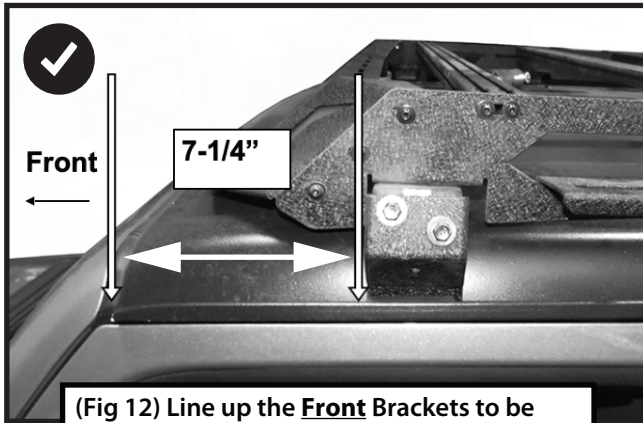
Follow (Fig 10 -11) to install the Crossbars.

 **Hardware Bag for Frame and Aluminum Bars is needed.**

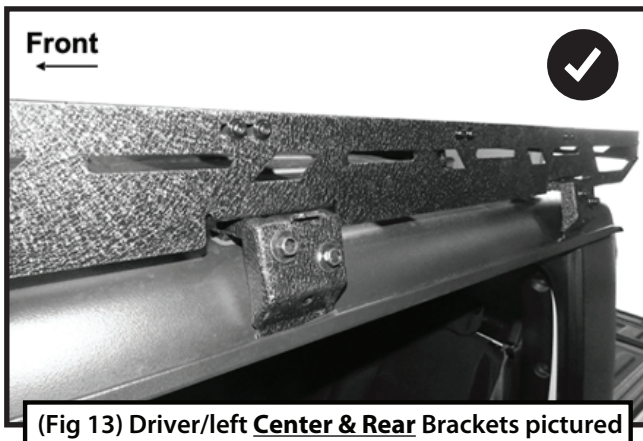


STEP 4 PLACING RACK ON ROOF

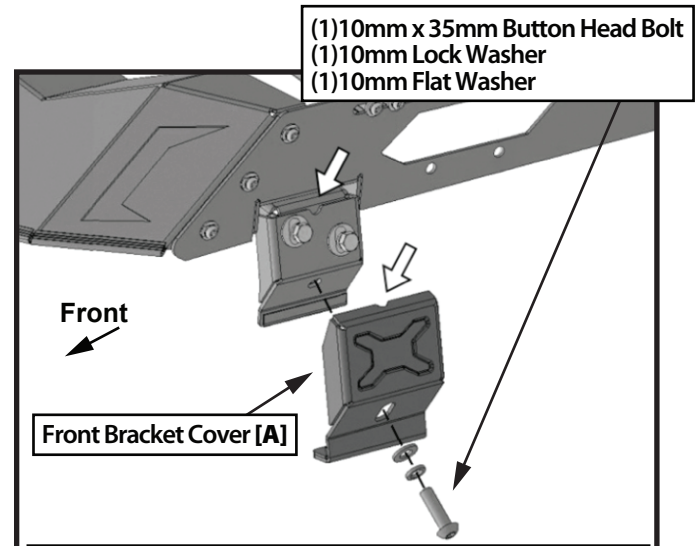
With assistance, carefully place the Platform Rack on top of the vehicle. Follow (Fig 12-13) to attach the Rack to the vehicle.



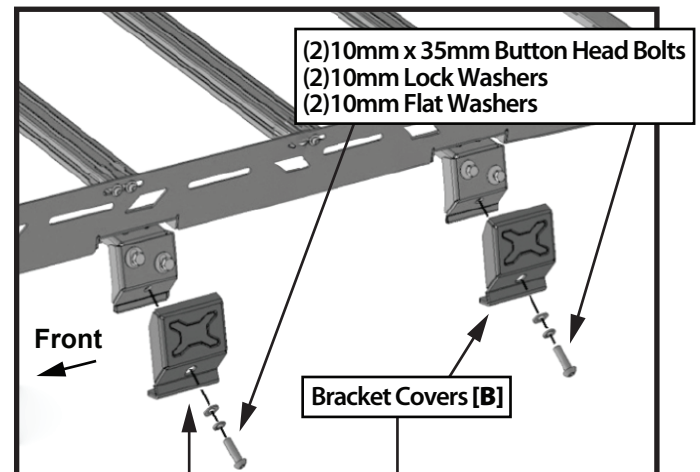
(Fig 12) Line up the **Front** Brackets to be **7-1/4"** back from the end of drip rail on roof



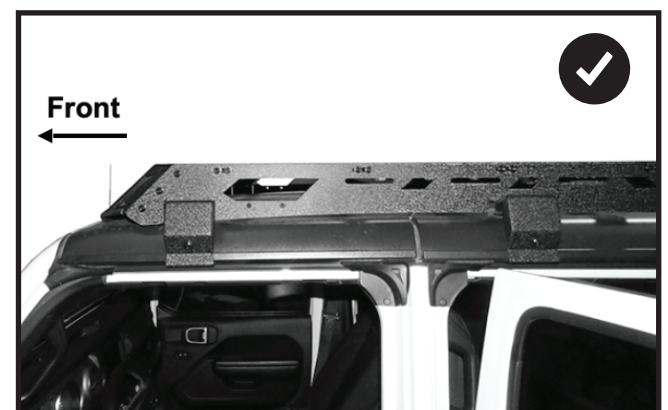
(Fig 13) Driver/left **Center & Rear** Brackets pictured



(Fig 14) Attach the Front Bracket Clamp Cover [A] to the **Front** Bracket Assembly. **Note the notch on top of Bracket Cover [A]** for ID purposes (arrow)



(Fig 15) Attach the Center & Rear Bracket Clamp Covers [B] to the **Center & Rear** Bracket Assemblies. Then open all doors and check for clearance. Adjust Brackets as needed



(Fig 16) Front and Center Clamp Bracket Covers installed

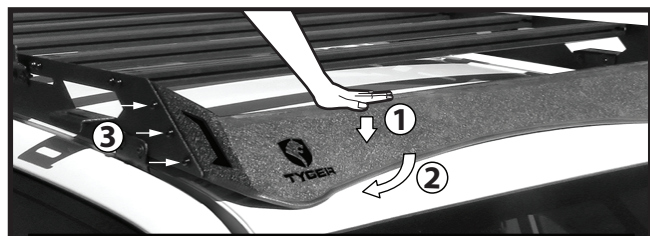
STEP 5 ATTACHING BRACKET CLAMP COVERS

Follow (Fig 14 – 16) to attach Bracket Clamp Covers to the (3) Driver Side Bracket Assemblies. Leave hardware loose. Then repeat the STEP to attach the Clamp Covers to the (3) Passenger Side Bracket Assemblies.

 **Hardware Bag for vehicle installation is needed.**

STEP 6 ADJUSTING THE RACK

Level and adjust the Roof Rack so it sits straight and is aligned squarely with vehicle roof. Tighten all Hardware **EXCEPT FRONT CROSS PLATE**. Then follow Fig (17).



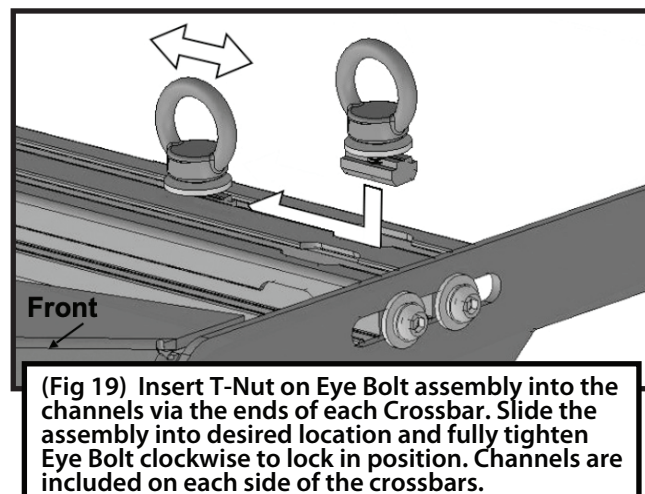
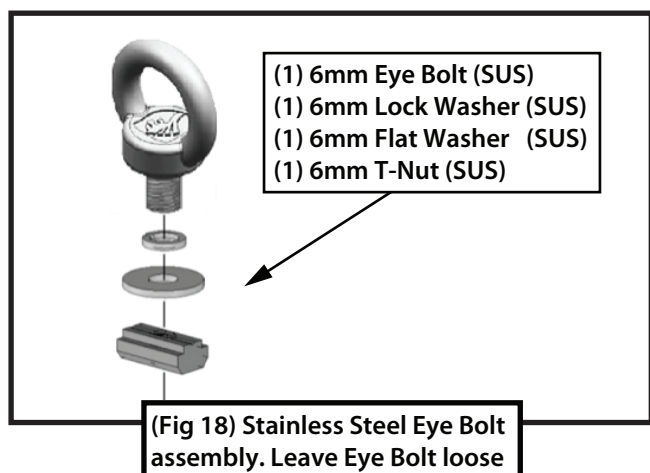
(Fig 17) While ① Keeping pressure on the Front Cross Plate against the vehicle roof and ② Pushing it down and inward against vehicle roof so the Rubber Seal is compressed against the roof, ③ Tighten Front Cross Plate hardware

IMPORTANT:

1. Follow the Torque spec on **Page 1** to properly install the hardware to prevent looseness and vibration. All 6mm hardware should be torqued to approximately **7 ft-lbs**.
2. The Front Cross Plate with installed Rubber Seal must be in contact and pressed against the vehicle roof to mitigate wind noise and vibration during vehicle operation.


STEP 7 EYE BOLTS (OPTIONAL)

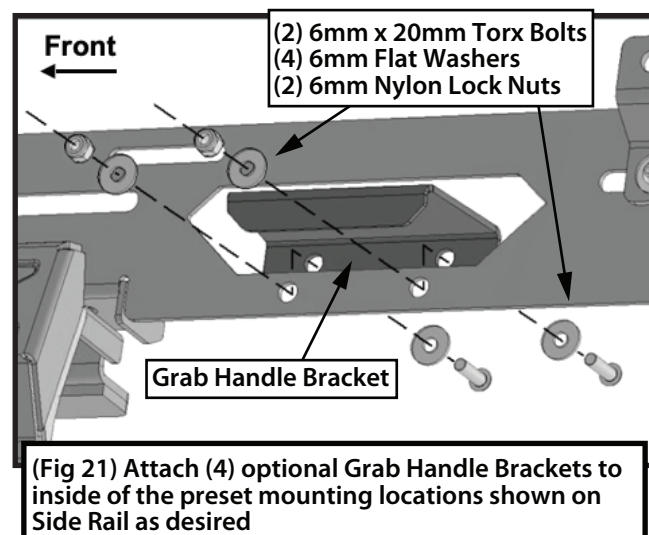
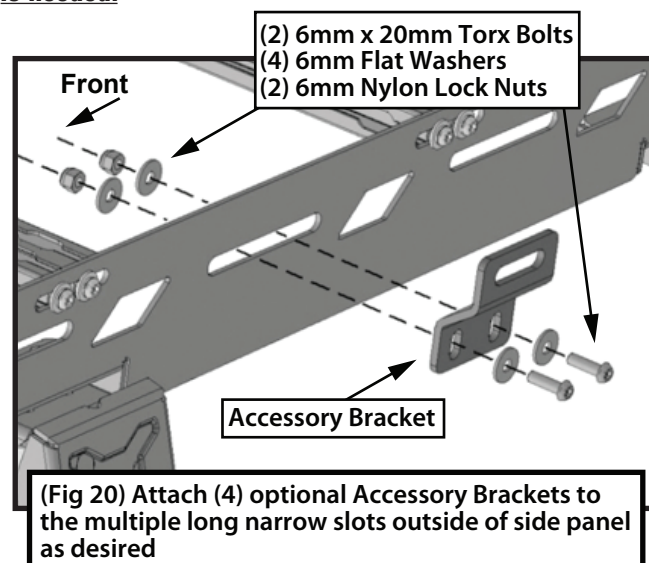
(4) Eye Bolt sets are included and installation is optional. If needed, follow (fig 18 – 19).



STEP 8 OTHER ACCESSORIES (OPTIONAL)

Side Accessory Brackets and Grab Handle Brackets installations are optional. If needed, follow (Fig 20 -21).

 **Hardware Bag for Handle and Side Accessory brackets is needed.**



STEP 9 CHECK ALIGNMENT

Check the alignment of the Rack to the vehicle and adjust as necessary and fully tighten all hardware.

ATTENTION: After traveling initial **50-100 miles** with the rack installed, go back to examine the fit and each attachment points of the rack. Readjust and refasten the hardware as needed according to the torque spec.

STEP 10 PAINTABLE INSERTS

(2) Corner Accent Plates and (1) Tyger Logo Background Plate are double-sided in black and red. To flip them or re-paint them to match your vehicle, follow (Fig 22-23) to remove and reattach.

For painting, use automotive paint and paint adhesive for best result.

Do periodic inspections to the installation to make sure that all hardware is secured and tight.

