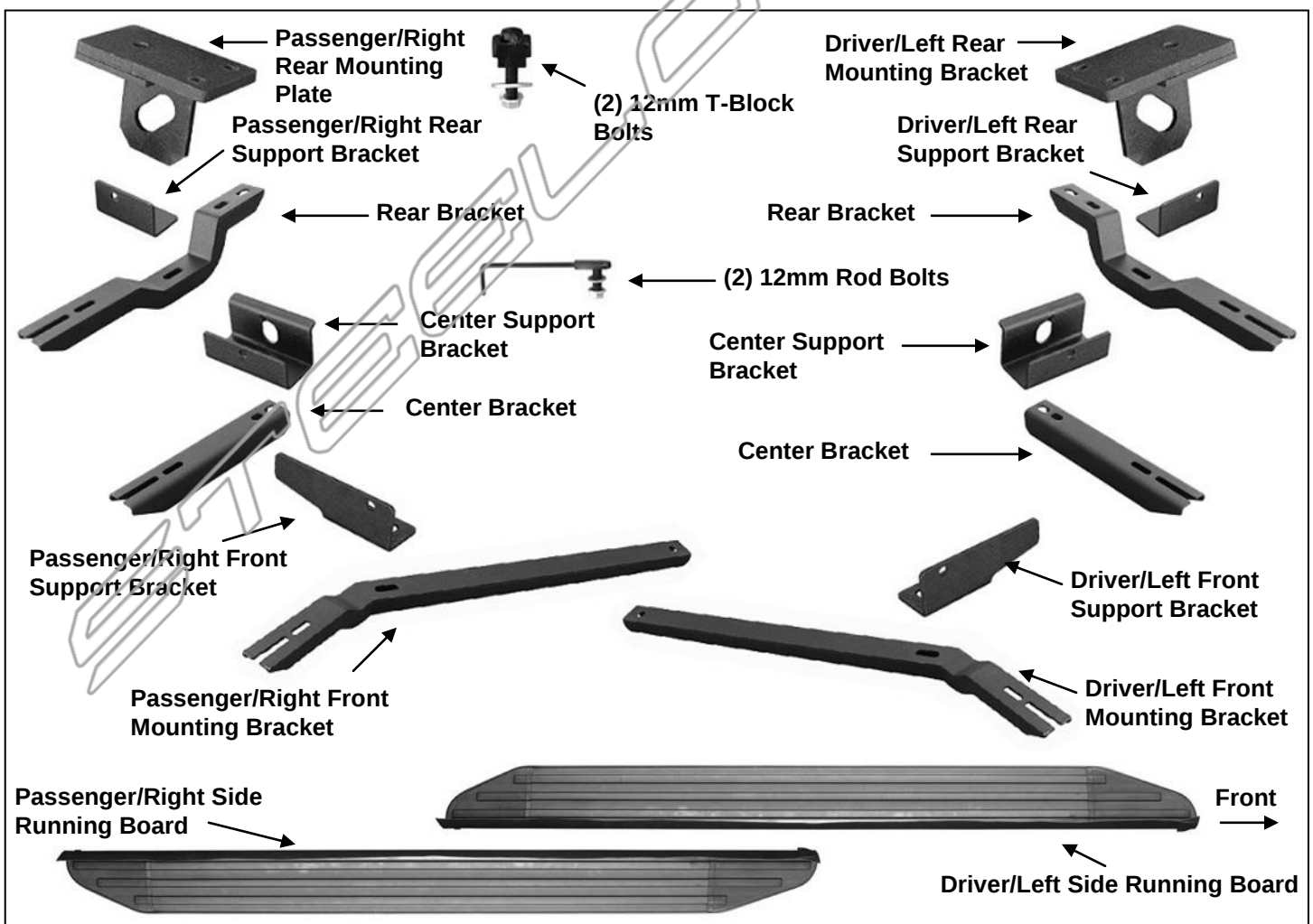


**VIEWPOINT ALUMINUM RUNNING BOARD
2010-13 TOYOTA HIGHLANDER**

PARTS LIST:

1	Driver/Left Running Board	4	10mm Plastic Retainers
1	Passenger/Right Running Board	2	10mm x 34mm OD x 3mm Large Flat Washers
1	Driver/Left Front Mounting Bracket	2	10mm x 20mm OD x 2mm Small Flat Washers
1	Passenger/Right Front Mounting Bracket	4	10mm Serrated Flange Nuts
1	Driver/Left Front Support Bracket	12	8mm Mastic Sealing Washers
1	Passenger/Right Front Support Bracket	12	8-1.25mm x 25mm Carriage Bolts
2	Center Mounting Brackets	6	8-1.25mm x 25mm Hex Bolts
2	Center Support Brackets	10	8mm x 22mm OD x 2mm STD Flat Washers
2	Rear Mounting Brackets	14	8mm x 16mm OD x 1.6mm Small Flat Washers
1	Driver/Left Rear Mounting Plates	18	8mm Nylon Lock Nuts
1	Passenger/Right Rear Mounting Plates	12	6mm T-Bolts
1	Driver/Left Rear Support Bracket	12	6mm x 22mm x 2mm Flat Washers
1	Passenger/Right Rear Support Bracket	12	6mm Lock Washers
2	10-1.5mm x 35mm Rod Bolts	12	6mm Hex Nuts
2	10-1.5mm T-Block Bolts		



PROCEDURE:

1. **REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING IS REQUIRED.**
2. Starting on the passenger side of the vehicle locate the (2) notches in the pinch weld at the front jack point, **(Figure 1)**. Apply a layer of removable tape, (masking tape for example), to the outside of the pinch weld directly behind the notches.
3. Carefully cut out the Drill Template on **Page 9**. Line up the front edge of the Template with the rear corner of the rear notch, **(Figure 2)**. Line up the bottom edge of the Template with the bottom edge of the pinch weld. Mark the hole in the Template onto the tape on the pinch weld.
4. Move to the approximate center of the vehicle. Select (1) Center Support Bracket. **NOTE:** The passenger side center mounting location will be slightly different from the driver side location.
Passenger Side Center Bracket Location:
 - a. Locate the opening in the plastic cover between the (2) outer hex bolts holding the center of the cover in place, **(Figure 3)**. Apply removable tape to the outside of the pinch weld in this location, **(Figure 4)**. Hold the support bracket up and into the small opening in the cover and against the outside of the pinch weld over the tape. Slide the bracket forward and back in the opening between the cover and the steel cross brace. The Bracket will install midway between these two points.
 - b. Once location is determined between the two stopping points, use a marker to draw a vertical line in the mounting hole to indicate the center of the Bracket, **(Figure 5)**. Line up the hole in the Template with the centerline. Line up the bottom edge of the Template with the bottom edge of the pinch weld. Mark the hole in the Template onto the tape on the pinch weld, **(Figure 6)**.
- Driver Side Center Bracket Location:**
 - a. Locate the group of (5) rubber plugs near the center of the lower body panel, **(Figure 7)**. Place a section of tape on the pinch weld below the center of the front rubber plug. Line up the center hole in the template with the center of the front rubber plug. Line up the Template with the bottom of the pinch weld as previously described and mark the center hole on the pinch weld.
5. Move along the passenger side toward the rear of the vehicle. Locate the (2) notches in the pinch weld at the rear jack point, **(Figure 8)**. Apply a section of tape to the pinch weld in front of the (2) notches. Line up the rear edge of the Template with the front corner of the front notch, (opposite of procedure as described in **Step 2**). **IMPORTANT:** Template goes behind the (2) notches at the front location and in front of the (2) notches at the rear location. Mark the center hole of the Template onto the pinch weld, **(Figure 8)**. Also see **Steps 13 - 17** for more info about rear Bracket location.
6. Once all (3) locations have been properly marked and checked, use a 5/16" drill bit to drill through the pinch weld at the front, center, and rear locations, **(Figure 13)**. Be very careful and do not let the drill motor come in contact with the body panel on the vehicle. Once all (3) holes have been drilled, remove the tape.
7. Move to the front mounting location. Locate and remove the (2) rubber plugs in the bottom of the inner frame channel in front of the tie down loop, **(Figure 9)**. Select (1) long 10mm Rod Bolt and (1) 10mm Plastic Retainer, **(Figure 10A)**. Insert the Rod Bolt into the hole closest to the tie down loop and out the forward hole in the channel, **(Figure 10B)**. Thread the Retainer onto the rod bolt to hold it in position.
8. Select the passenger side front Bracket and passenger front Support Bracket, **(Figure 11)**. Bolt the offset Support Bracket to the top of the front Bracket with (1) 8mm x 25mm Carriage Bolt inserted down through the Support Bracket, (1) 8mm x 22mm STD Flat Washer and (1) 8mm Nylon Lock Nut. Snug but do not fully tighten at this time.
9. Attach the inner end of the front Bracket assembly to the Rod Bolt with (1) 10mm x 20mm Flat Washer and (1) 10mm Flange Nut, **(Figure 12)**. Leave loose at this time.
10. Place (2) of the included Sealing Washers over the drilled hole in the pinch weld, one on the inside and one on the outside of the pinch weld, **(Figure 13)**. Line up the Support Bracket over the outside of the pinch weld and bolt it in place with (1) 8mm x 25mm Hex Bolt, (2) 8mm x 16mm Small Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 14)**. Do not tighten hardware.
11. Move to the center location. Select (1) Center Bracket and (1) Center Support Bracket, **(Figure 15A)**. Bolt the Support Bracket to the top of the Center Bracket with (2) 8mm x 25mm Carriage Bolts inserted

**VIEWPOINT ALUMINUM RUNNING BOARD
2010-13 TOYOTA HIGHLANDER**

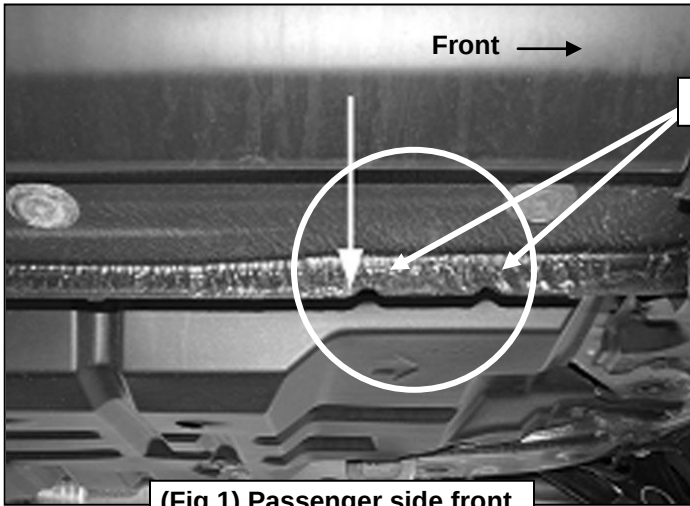
- down through the Support Bracket, (1) 8mm x 22mm Flat Washer, (outer), (1) 8mm x 16mm Small Flat Washer, (inner) and (2) 8mm Nylon Lock Nuts, **(Figure 15B)**. Do not tighten at this time.
12. Place (2) Sealing Washers over the drilled hole as described in **Step 10**. Bolt the Support Bracket to the pinch weld with (1) 8mm x 25mm Hex Bolt, (2) 8mm x 16mm Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 16)**. Snug but do not fully tighten hardware at this time.
 13. Continue along the vehicle to the rear location. Locate and remove the rubber plug in the large oval slot directly in front of the rear suspension mount. Select (1) 10mm T-Block Bolt, **(Figure 17A)**. Insert the Block Bolt into the oval hole and rotate Block 90-degrees to fit across the slot, **(Figure 17B)**. Thread (1) 10mm Plastic Retainer onto the threaded end and down tight against the floor panel to help hold the Block Bolt in position.
 14. Select the passenger side Rear Mounting Plate, (w-tie down loop). Insert (2) 8mm x 25mm Carriage Bolts down into the (2) square holes in the plate from the top side down, **(Figure 18A)**. Apply a piece of masking tape to the heads of the Carriage Bolts to hold bolts in place during installation. Check mounting area for clearance. **IMPORTANT:** Remove any body sealant that may interfere with Mounting Plate to body panel contact before installation.
 15. Line up the hole in the Mounting Plate with the Block Bolt. Attach the Plate to the Block Bolt with (1) 10mm x 34mm Large Flat Washer and (1) 10mm Flange Nut, **(Figure 18B)**. Leave hardware loose at this time.
 16. Select (1) Rear Bracket Arm and the passenger side Rear Support Bracket, (note offset holes in Support Bracket). Bolt the Support Bracket to the top of the Rear Bracket Arm with (1) 8mm x 25mm Carriage Bolt, (1) 8mm x 22mm Flat Washer and (1) 8mm Nylon Lock Nut, **(Figure 19A)**. Leave hardware loose at this time.
 17. Place (2) Sealing Washers over the hole in the pinch weld. Secure the Rear Bracket and Support Bracket assembly to the bottom of the Mounting Plate with (2) 8mm x 22mm Flat Washers and (2) 8mm Nylon Lock Nuts, **(Figures 19B & 20)**. Bolt the Support Bracket to the outside of the pinch weld with (1) 8mm x 25mm Hex Bolt, (2) 8mm x 16mm Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 21)**. Snug but do not fully tighten hardware at this time. .
 18. Carefully unwrap the passenger side Running Board. Remove and discard the foam holding the T-Bolts in place. Slide the (3) T-Bolts forward or back to line up with the slots in the front, center and rear Mounting Brackets, **(Figure 22)**.
 19. Hold the Running Board up to the vehicle at a slight angle and gently push it into position against the rocker panel. Insert the T-Bolts through the slots in the Brackets, **(Figure 23)**. Temporarily attach the Running Board to the Mounting Brackets with the included (6) 6mm Flat Washers, (6) 6mm Lock Washers and (6) 6mm Hex Nuts. Do not tighten hardware at this time. **NOTE:** It may be necessary to loosen the hardware on all (3) Brackets to fit the Running Board between the body and the Brackets. Reattach Brackets as required.
 20. Line up the front end of the Running Board between the corner of the front door and the corner of the front fender. Do not allow Running Board to come in contact with front splash guards if equipped. Adjust the Running Board so that it is parallel with the side of the vehicle, with approximately 2-3/8" between the pinch weld and the Running Board and tighten all hardware.
 21. Repeat **Steps 2 – 20** for the driver side Running Board installation.
 22. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Running Board.

For gloss black finishes: Mild soap may be used to clean the Running Board Brackets.

Passenger Side Installation Pictured



(Fig 1) Passenger side front mounting location pictured.

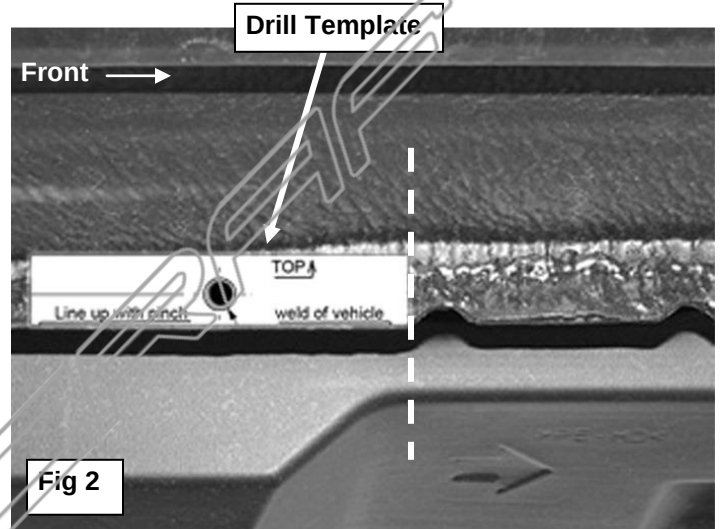
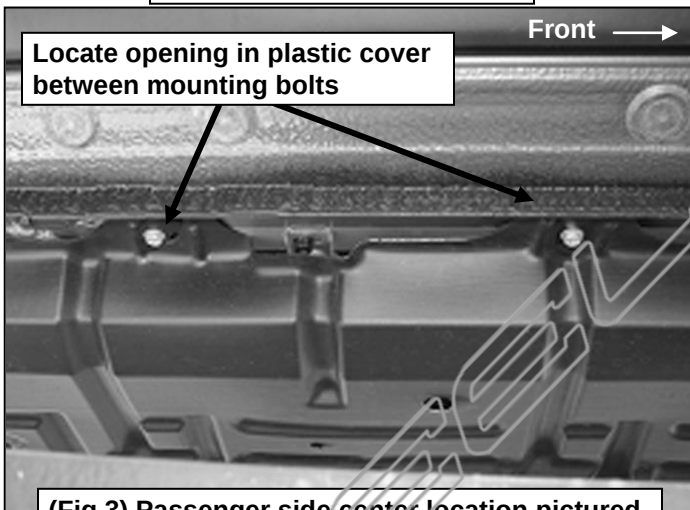
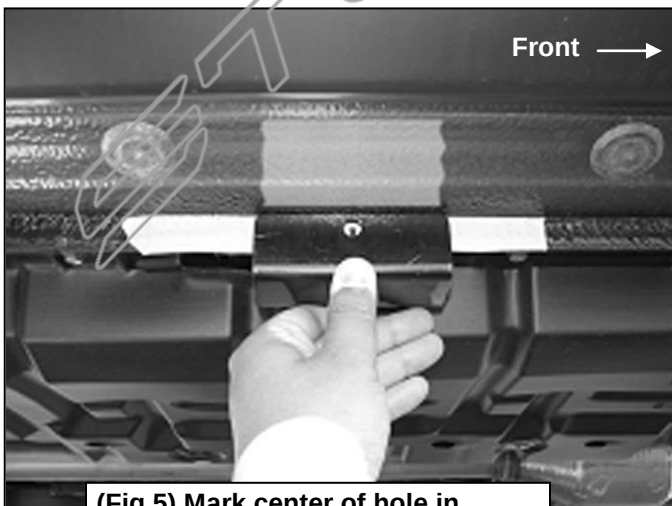


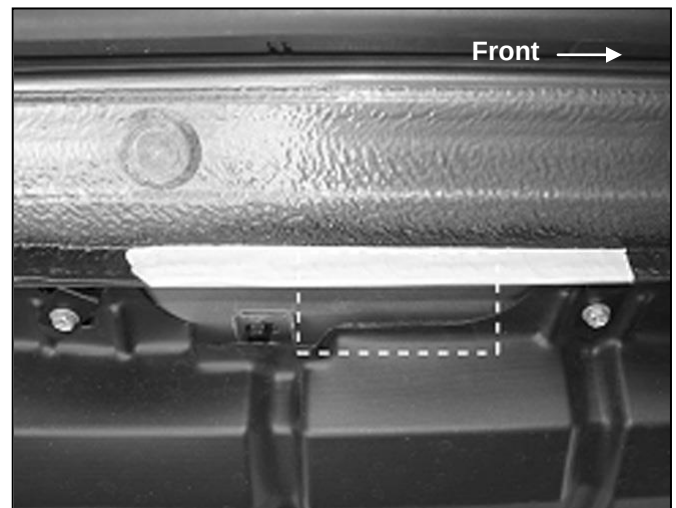
Fig 2



(Fig 3) Passenger side center location pictured

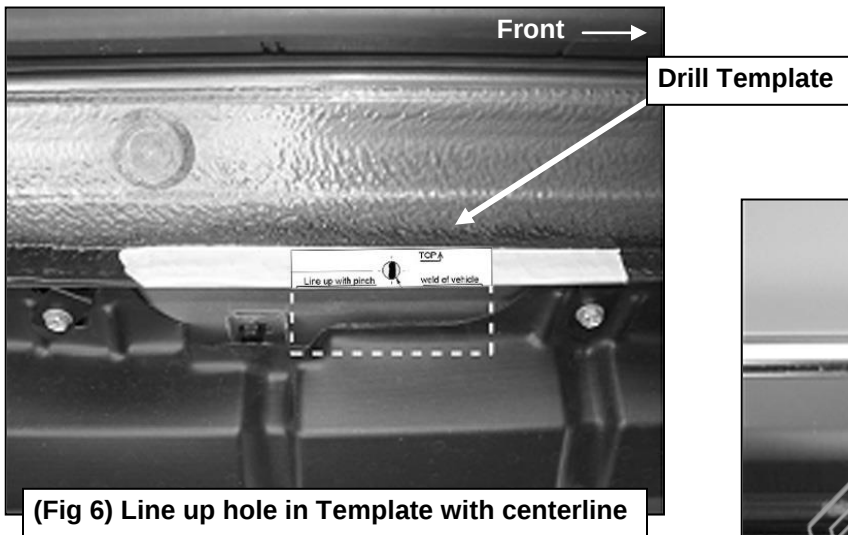


(Fig 5) Mark center of hole in Support Bracket onto pinch weld

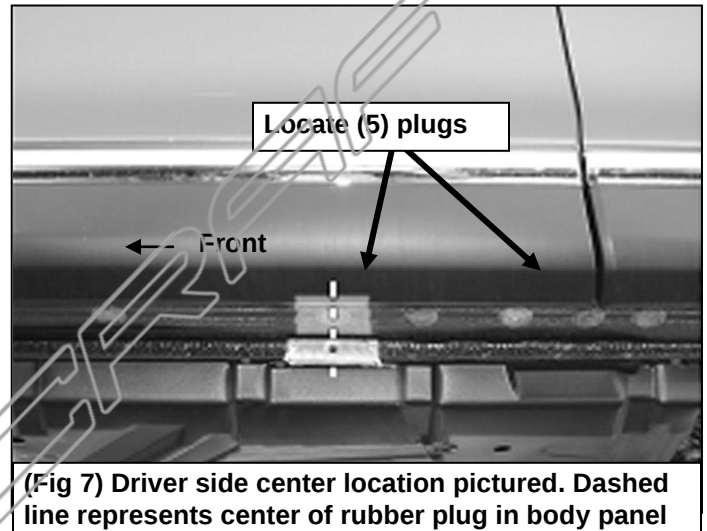


(Fig 4) Apply removable tape to pinch weld. Dashed line represents approximate location for Center Bracket

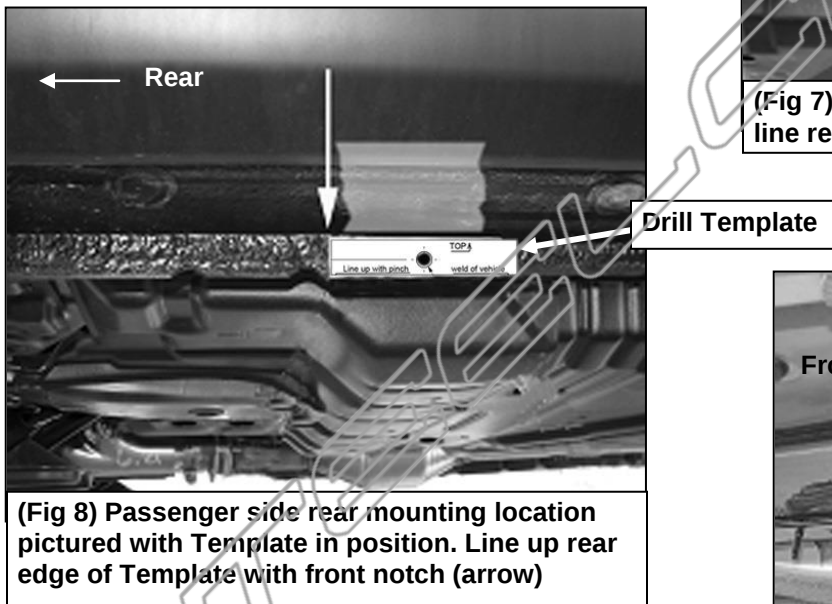
Passenger Side Installation Pictured



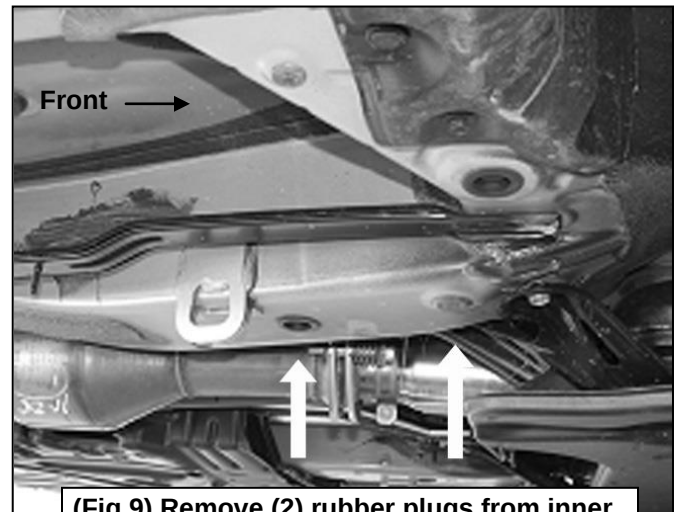
(Fig 6) Line up hole in Template with centerline



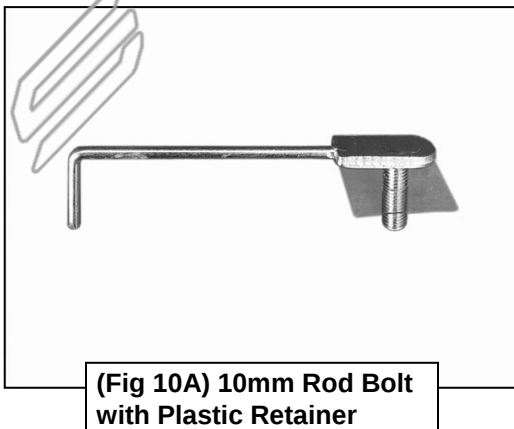
(Fig 7) Driver side center location pictured. Dashed line represents center of rubber plug in body panel



(Fig 8) Passenger side rear mounting location pictured with Template in position. Line up rear edge of Template with front notch (arrow)



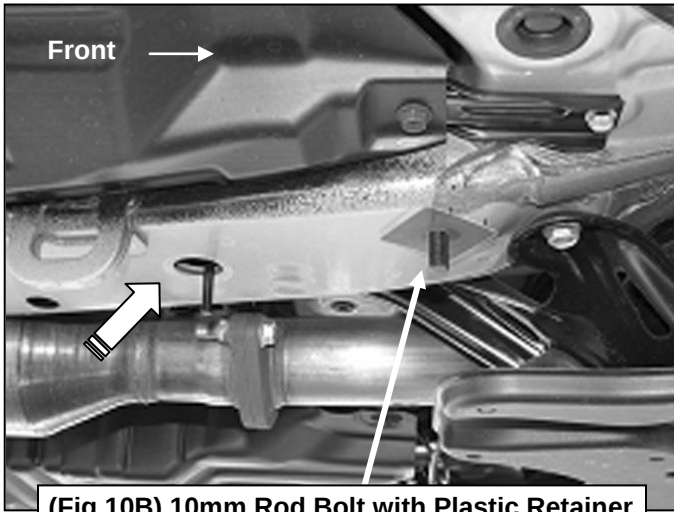
(Fig 9) Remove (2) rubber plugs from inner frame channel at front mounting location



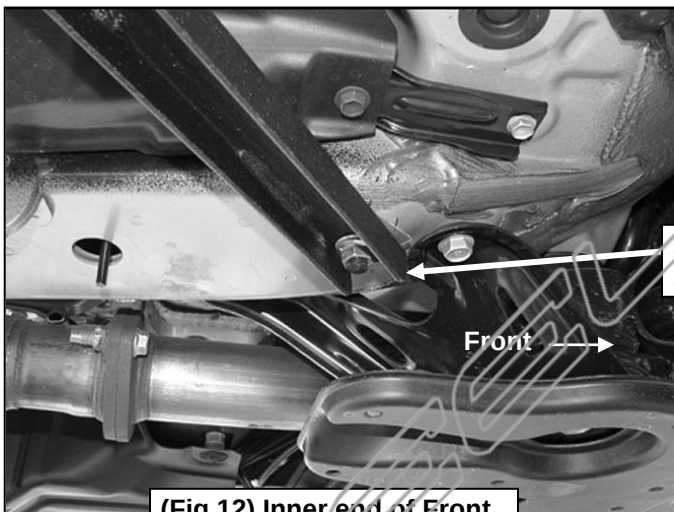
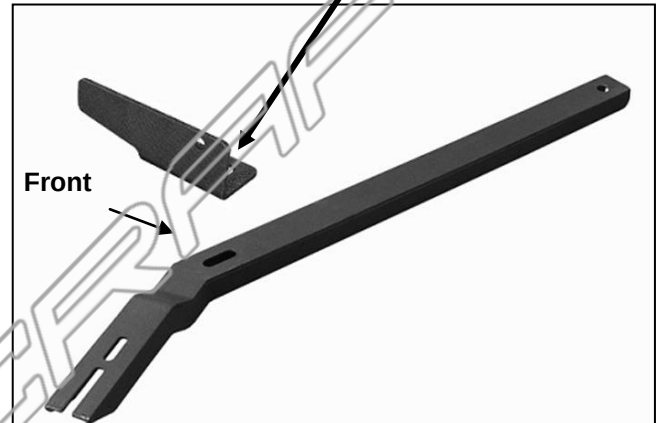
(Fig 10A) 10mm Rod Bolt with Plastic Retainer

VIEWPOINT ALUMINUM RUNNING BOARD
2010-13 TOYOTA HIGHLANDER

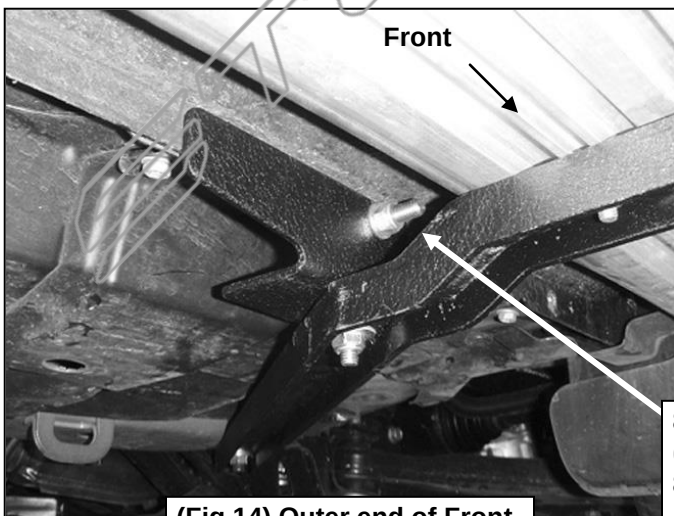
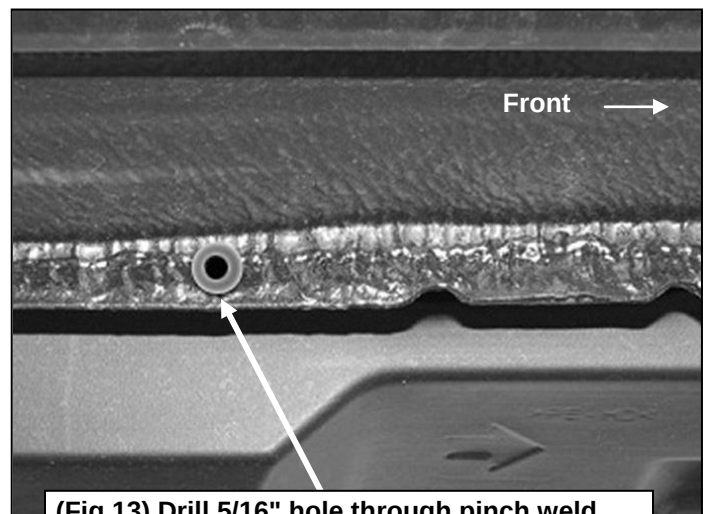
Passenger Side Installation Pictured



8mm x 25mm Carriage Bolt
8mm x 22mm Flat Washer
8mm Nylon Lock Nut



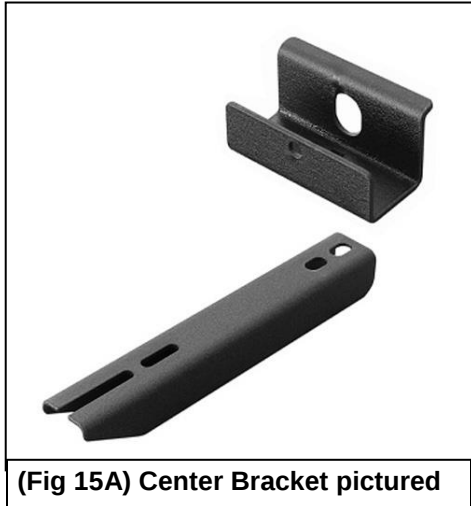
10mm x 20mm Flat Washer
10mm Flange Nut



8mm x 25mm Hex Bolt
(2) 8mm x 16mm Small Flat Washers
8mm Nylon Lock Nut

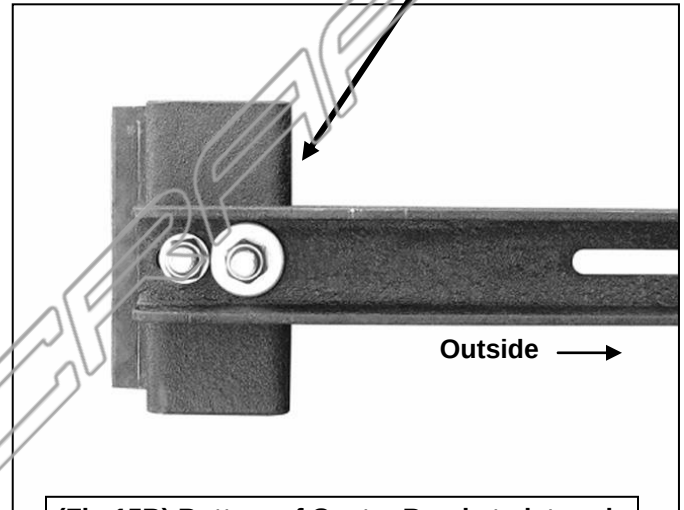
VIEWPOINT ALUMINUM RUNNING BOARD
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Passenger Side Installation Pictured



(Fig 15A) Center Bracket pictured

(2) 8mm x 25mm Carriage Bolts
8mm x 22mm Flat Washer
8mm x 16mm Small Flat Washer
(2) 8mm Nylon Lock Nuts



(Fig 15B) Bottom of Center Bracket pictured

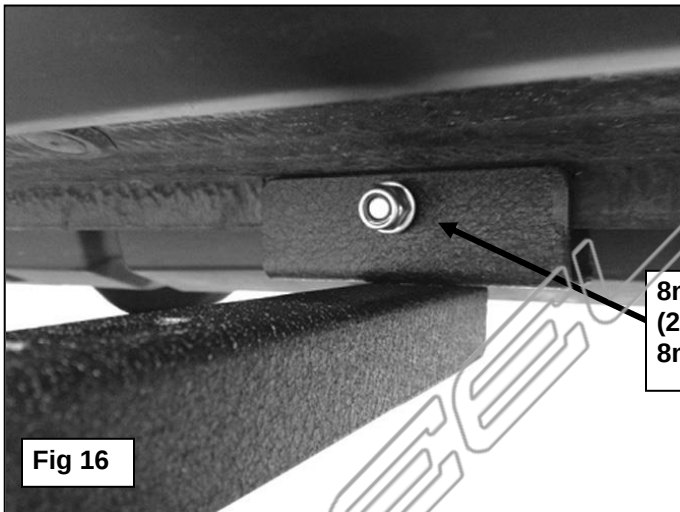
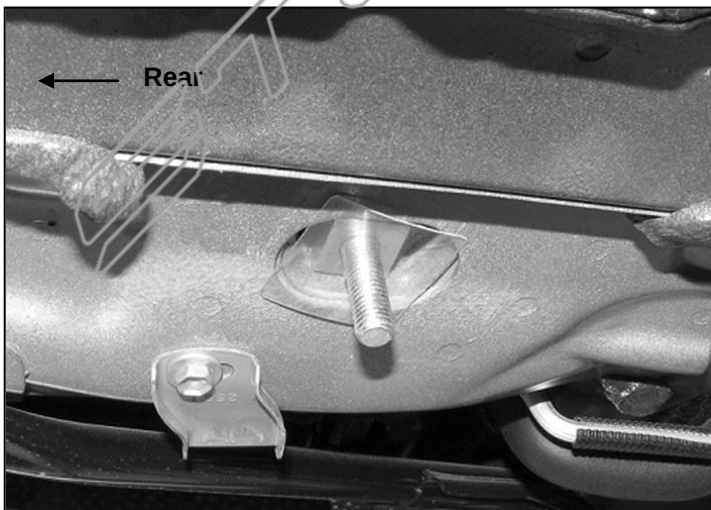
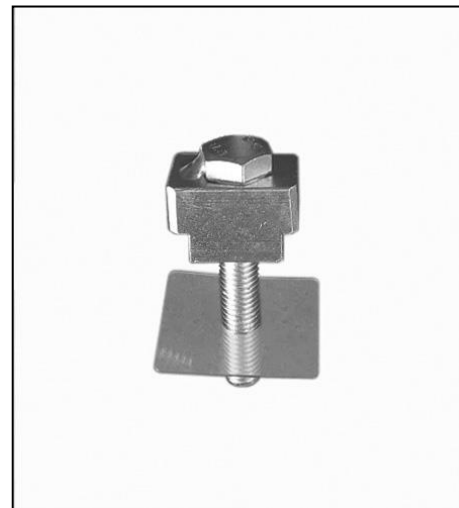


Fig 16

8mm x 25mm Hex Bolt
(2) 8mm x 16mm Small Flat Washers
8mm Nylon Lock Nut



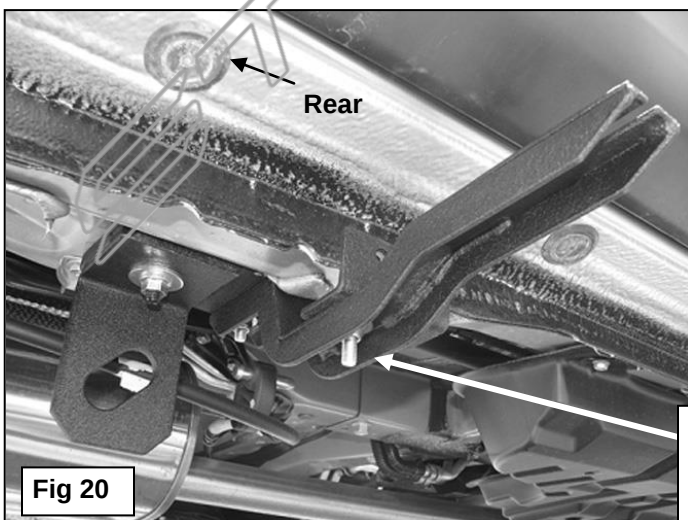
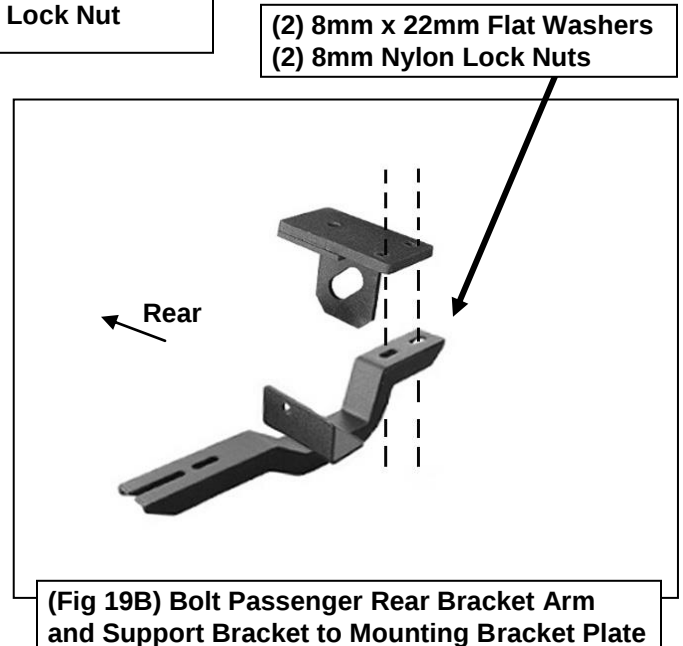
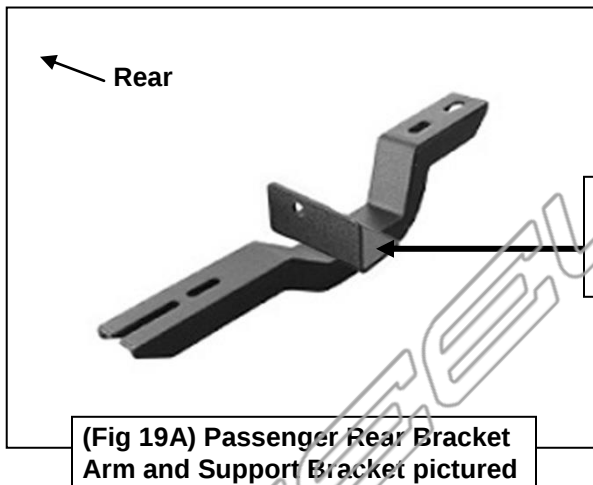
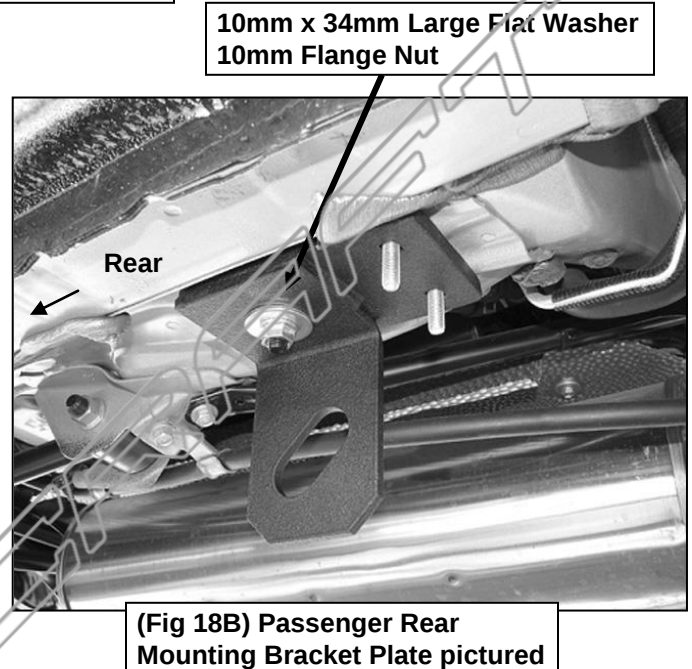
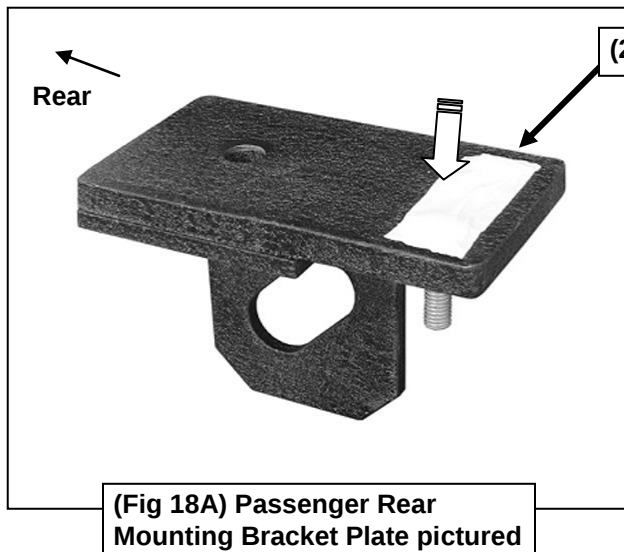
(Fig 17B) T-Block with Plastic Retainer



(Fig 17A) T-Block
with Plastic Retainer

VIEWPOINT ALUMINUM RUNNING BOARD
2010-13 TOYOTA HIGHLANDER

Passenger Side Installation Pictured



VIEWPOINT ALUMINUM RUNNING BOARD
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Passenger Side Installation Pictured

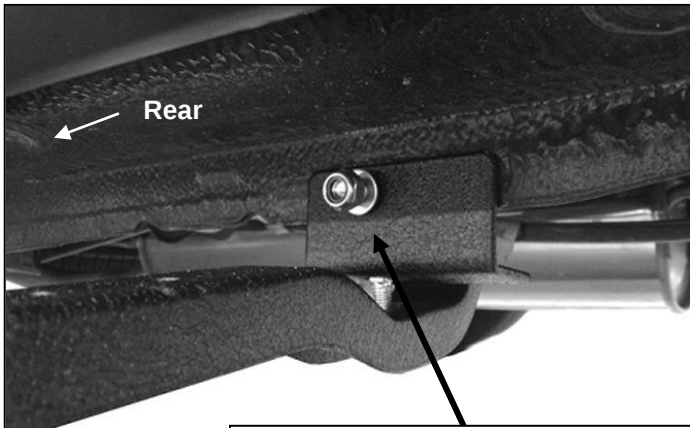


Fig 21

8mm x 25mm Hex Bolt
(2) 8mm x 16mm Small Flat Washers
8mm Nylon Lock Nut

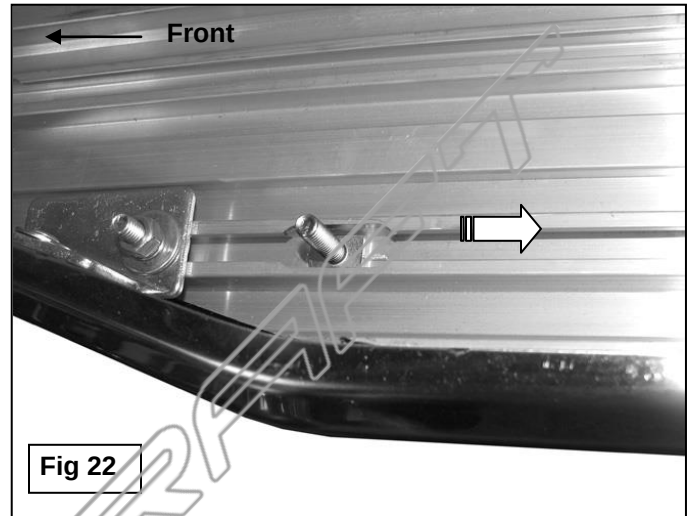


Fig 22

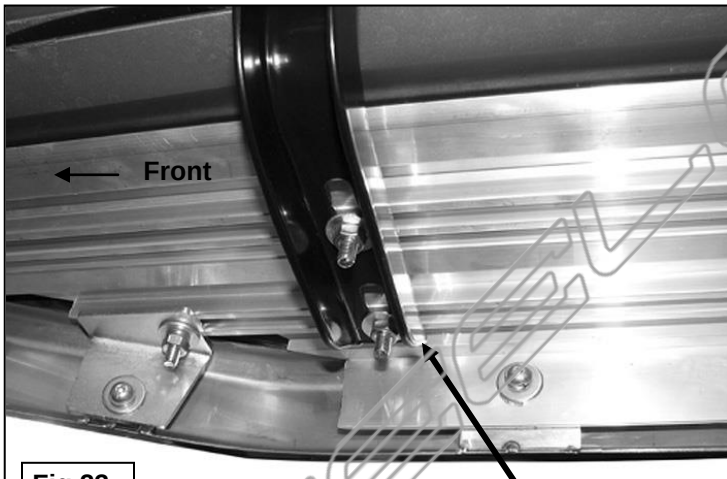
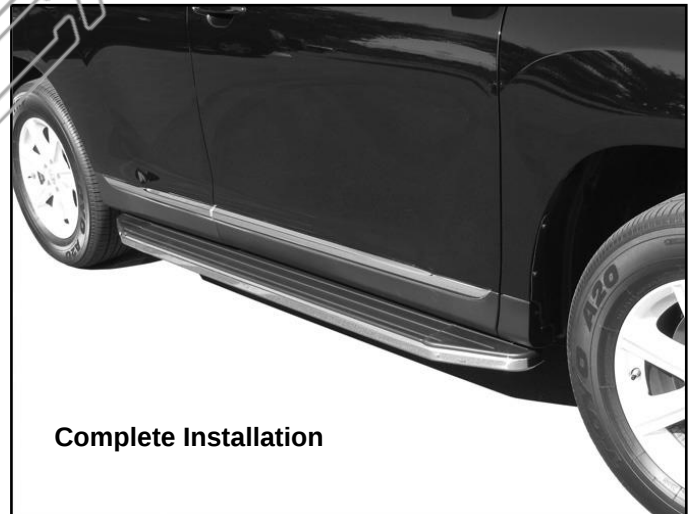


Fig 23

(2) 6mm Flat Washers
(2) 6mm Lock Washers
(2) 6mm Hex Nuts



Complete Installation

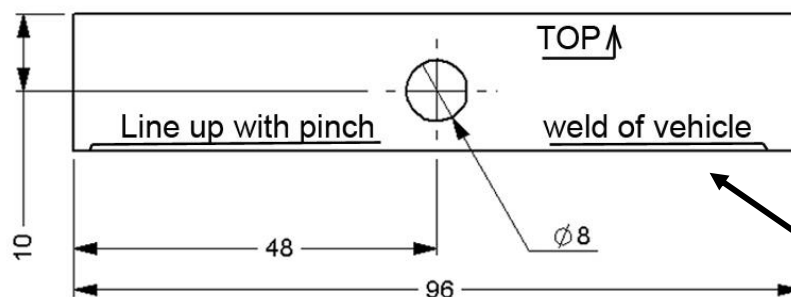


Fig 24

Line up bottom of template
with bottom of pinch weld