



**BLACK HORSE
OFF ROAD®**

TEL: 1-866-XANATOS

INSTALLATION INSTRUCTIONS

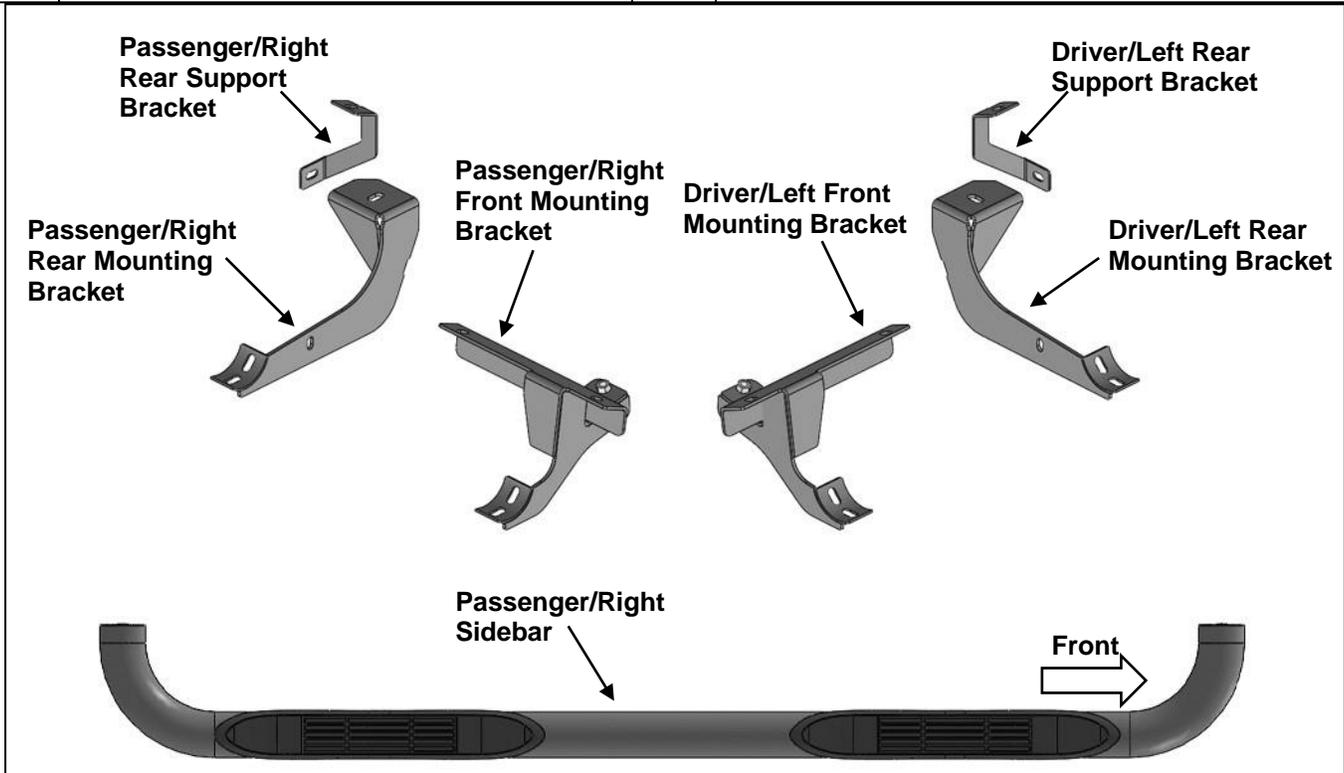
3" SIDEBAR

20-24 TOYOTA HIGHLANDER

PART #9B091005SS/9B091005A

PARTS LIST:

1	Driver/Left Sidebar	2	10mm x 50mm Hex Bolts
1	Passenger/Right Sidebar	2	10mm x 34mm OD x 3mm Flat Washers
1	Driver/Left Front Mounting Bracket	8	10mm x 27mm OD x 3mm Flat Washers
1	Passenger/Right Front Mounting Bracket	10	10mm Lock Washers
1	Driver/Left Rear Mounting Bracket	10	10mm Hex Nuts
1	Passenger/Right Rear Mounting Bracket	8	8mm x 25mm Combo Bolts
1	Driver/Left Rear Support Bracket	2	8mm x 25mm Hex Bolts
1	Passenger/Right Rear Support Bracket	4	8mm x 24mm OD x 2mm Flat Washers
2	Compression Plates	2	8mm Lock Washers
2	10mm Block Bolts	2	8mm Hex Nuts
6	10mm x 40mm Bolt Plates		



PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. ASSISTANCE IS HIGHLY RECOMMENDED.
2. Starting on the Passenger/Right side of the vehicle, open the doors to remove the screws attaching the plastic trim to the vehicle. Remove the plugs from the plastic trim. Gently pull the plastic trim away from the vehicle, **(Figure 1)**.
3. Move to the front location under the Passenger/Right front door, **(Figure 2)**. Select (2) 10mm Bolt Plates. Insert the Bolt Plates into the holes, **(Figure 3)**.
4. Select the Passenger/Right Front Mounting Bracket. Attach the Bracket to the (2) 10mm Bolt Plates with (2) 10mm Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts, **(Figure 4)**. Do not tighten hardware.
5. Select (1) Compression Plate.
 - a. Thread (1) 10mm Hex Nut to (1) 10mm x 60mm Hex Bolt.
 - b. Slide (1) 10mm Lock Washer and (1) 10mm Flat washer onto the 10mm Hex Bolt.
 - c. Thread the 10mm Hex Bolt assembly into the welded nut on the back of the Mounting Bracket. Place the Compression Plate onto the end of the 10mm Hex Bolt, **(Figures 5A & 5B)**.

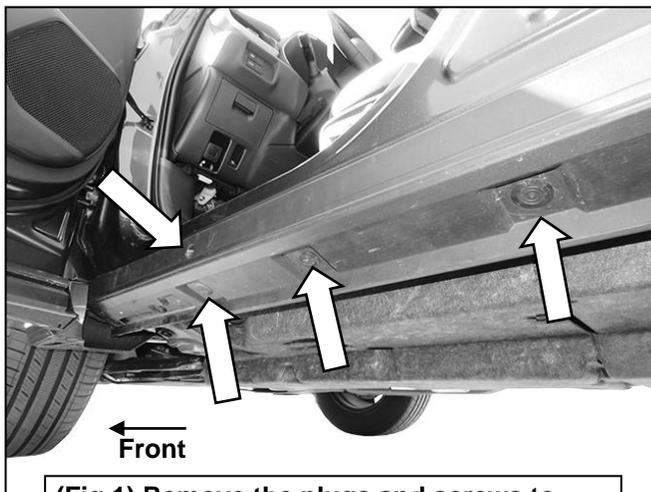
- d. Tighten Hex Bolt to place the Compression Plate onto the floor panel. Do not tighten Hex Bolt all the way. **NOTE:** Use the 10mm Hex Nut to adjust the level of the Mounting Bracket.
- e. Follow link for Compression Plate installation. <https://youtu.be/R51s7Vk1Sy4>



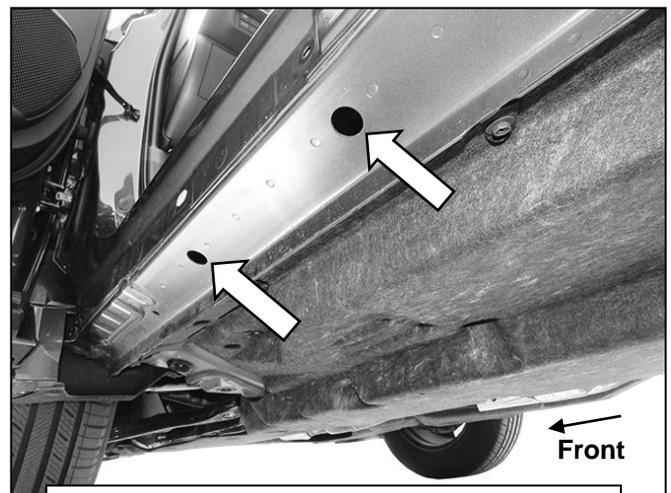
6. Move to the rear location. Remove the plastic plugs, **(Figure 6)**. Select (1) 10mm Bolt Plate. Insert the Bolt Plate into the outer hole on the floor panel, **(Figure 7)**.
7. Select (1) 10mm Block Bolt. Insert the Block Bolt into the inner hole on the floor panel and rotate to sit on the edges of the hole, **(Figure 8)**.
8. Select the Passenger/Right Rear Mounting Bracket. Attach the Mounting Bracket to the 10mm Block Bolt with (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 9)**. Do not tighten hardware.
9. Select the Passenger/Right Rear Support Bracket. Attach the Support Bracket to the 10mm Bolt Plate with (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 10)**. Attach the Support Bracket to the Mounting Bracket with (1) 8mm Hex Bolt, (2) 8mm Flat Washers, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figures 11 & 12)**. Do not tighten hardware.
10. Select the Passenger/Right Sidebar. Carefully place Sidebar onto the Mounting Brackets.
IMPORTANT: Do not slide or rotate Sidebar on cradles, or damage to the finish may result. Attach the Sidebar to the Mounting Brackets with (4) 8mm Combo Bolts, **(Figure 13)**. Do not tighten hardware.
11. Level and adjust the Sidebar and tighten all hardware.
12. Repeat **Steps 1—11** to attach the Driver/Left Sidebar.
13. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, Do not use any type of polish or wax that may contain abrasives that could damage the finish. Use only mild soap to clean the Sidebar.

Passenger/Right Side Installation Pictured

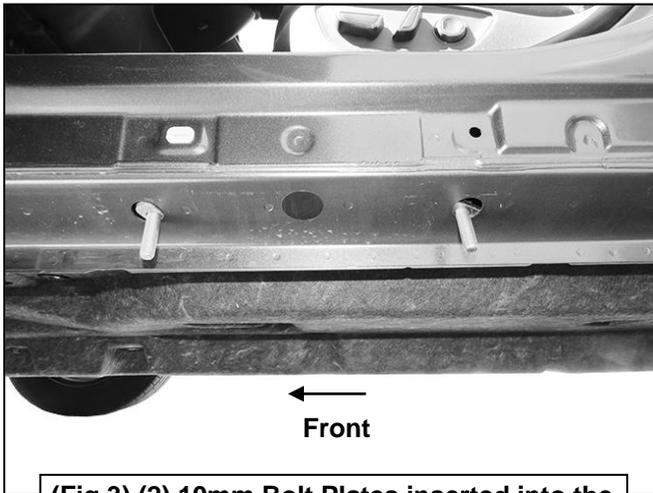


(Fig 1) Remove the plugs and screws to remove the plastic trim, (Driver side shown)



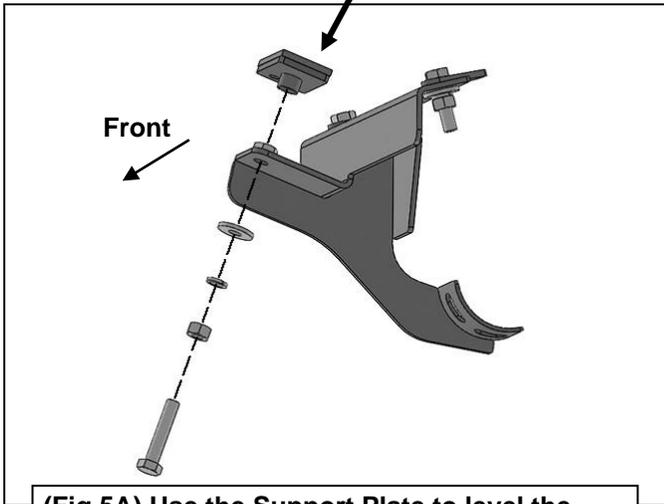
(Fig 2) Insert (2) 10mm Bolt Plates into the holes in the floor panel, (Driver side shown)

Passenger/Right Side Installation Pictured



(Fig 3) (2) 10mm Bolt Plates inserted into the holes in the floor panel, (Driver side shown)

- 10mm Hex Bolt
- 10mm Hex Nut
- 10mm Lock Washer
- 10mm Flat Washer
- Support Plate

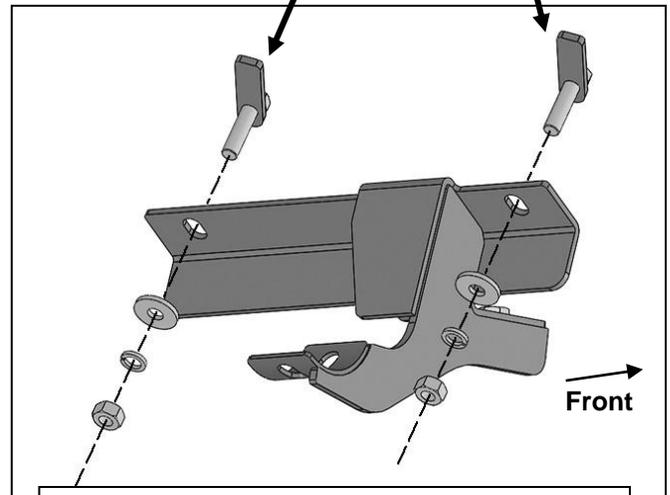


(Fig 5A) Use the Support Plate to level the bracket (Note: Use the Hex nut as an adjuster)

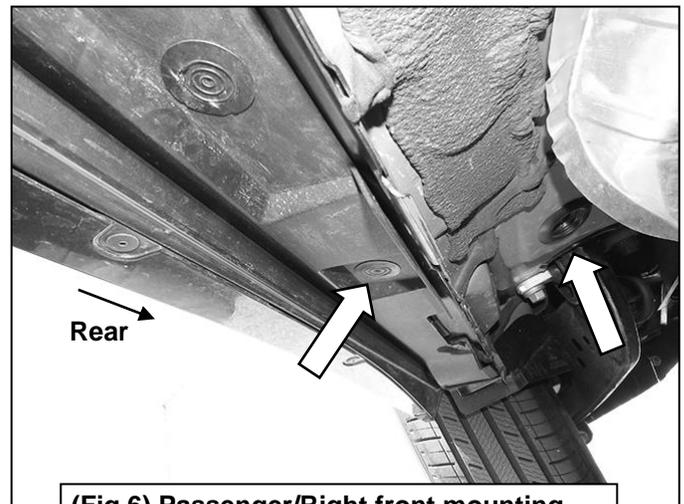
(Fig 5B) Follow link for Compression Plate installation.
<https://youtu.be/R51s7Vk1Sy4>



- (2) 10mm Bolt Plates
- (2) 10mm Flat Washers
- (2) 10mm Lock Washers
- (2) 10mm Hex Nuts

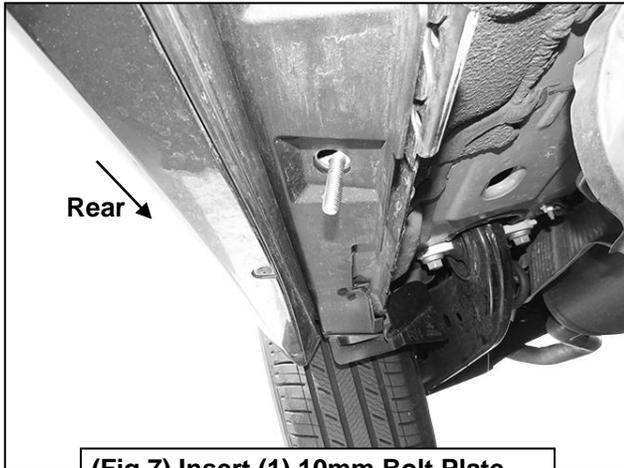


(Fig 4) Attach the Passenger/Right Front Mounting Bracket to the (2) 10mm Bolt Plates



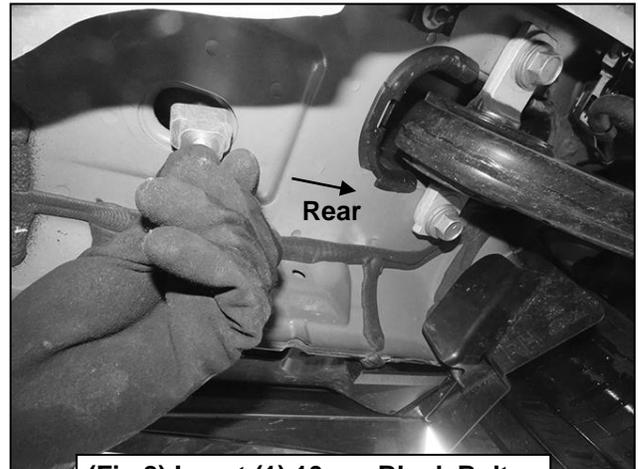
(Fig 6) Passenger/Right front mounting location, Remove plastic plugs from holes

Passenger/Right Side Installation Pictured

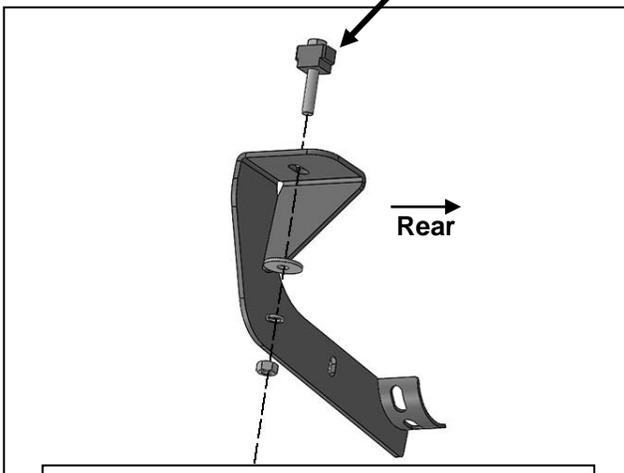


(Fig 7) Insert (1) 10mm Bolt Plate into the outer hole in the floor panel

- 10mm Block Bolt
- 10mm Flat Washer
- 10mm Lock Washer
- 10mm Hex Nut

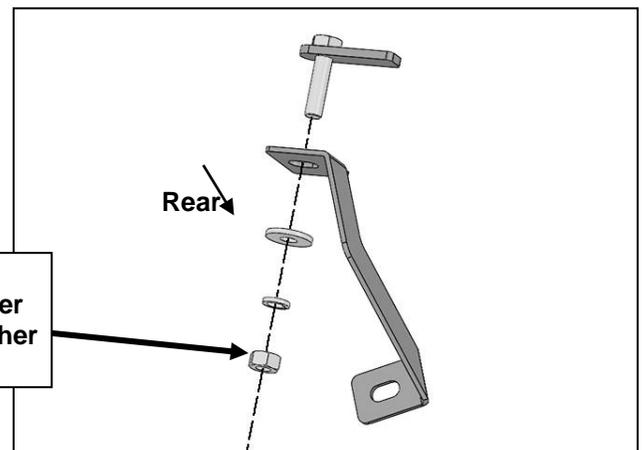


(Fig 8) Insert (1) 10mm Block Bolt into the inner hole in the floor panel



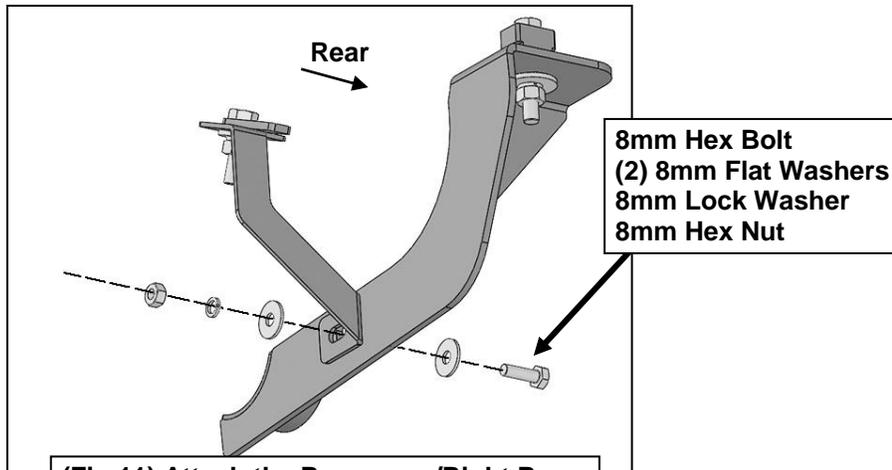
(Fig 9) Attach the Passenger/Right Rear Mounting Bracket to the 10mm Block Bolt

- 10mm Bolt Plate
- 10mm Flat Washer
- 10mm Lock Washer
- 10mm Hex Nut



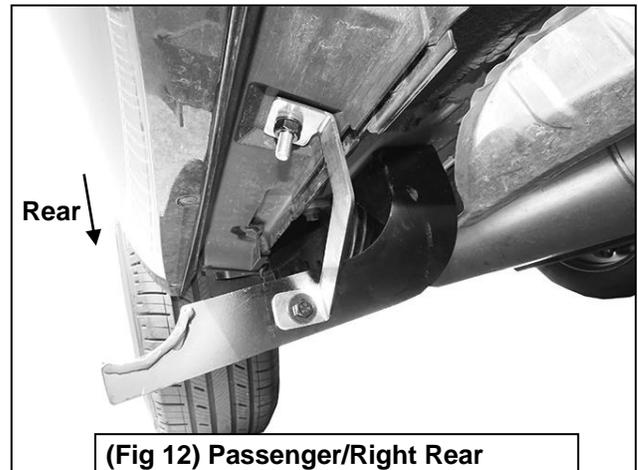
(Fig 10) Attach the Passenger/Right Rear Support Bracket to the 10mm Bolt Plate

Passenger/Right Side Installation Pictured

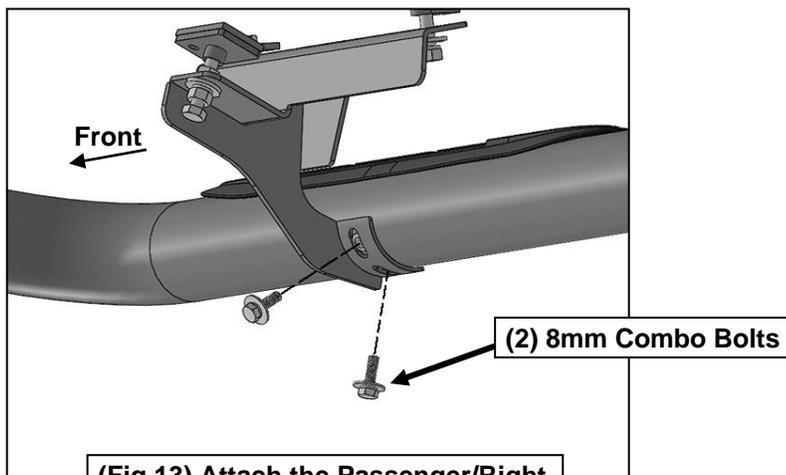


8mm Hex Bolt
(2) 8mm Flat Washers
8mm Lock Washer
8mm Hex Nut

(Fig 11) Attach the Passenger/Right Rear Support Bracket to the Mounting Bracket



(Fig 12) Passenger/Right Rear Brackets attached to the floor panel



(2) 8mm Combo Bolts

(Fig 13) Attach the Passenger/Right Sidebar to the Mounting Brackets