

RS Running Boards
2009-2018 Dodge Ram 1500 - Crew Cab
2010-2018 Ram 2500/3500 - Crew Cab
2018-2022 Ram 1500 Classic - Crew Cab
(Excl. Chassis Cab Diesel models)



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WARNING: When working on, under or around vehicle exercise caution. If working without a lift check vehicle owners manual for correct jacking points. Always wear safety glasses and ensure a safe working area. Serious injury or death could occur if safety measures are not followed.

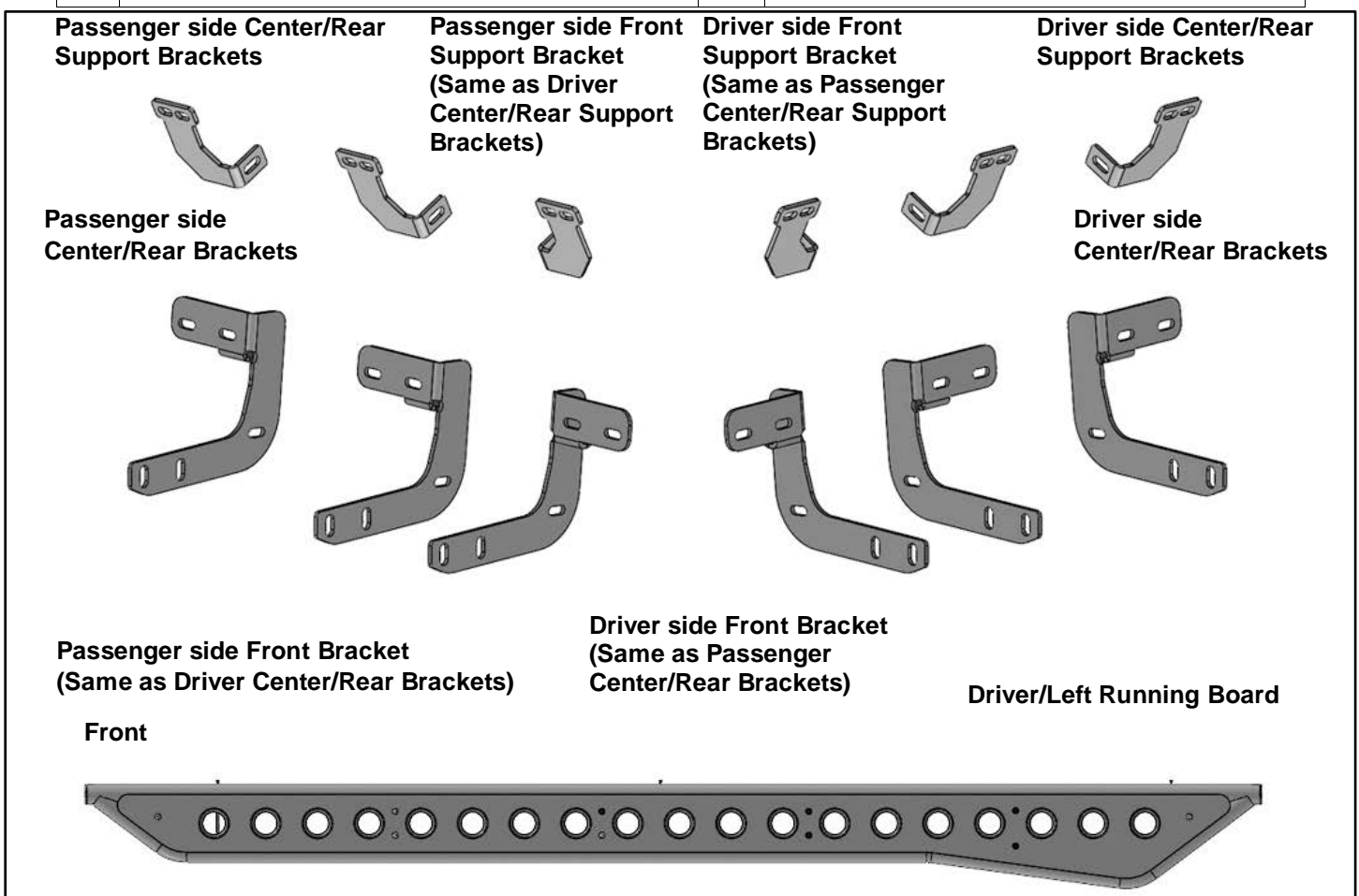
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PARTS LIST:

1	Driver/Left Running Board	18	8-1.25mm x 30mm Hex Bolts
1	Passenger/Right Running Board	24	8mm x 24mm OD x 2mm Flat Washers
3	Driver/Left Center/Rear Mounting Brackets	12	8mm Lock Washers
3	Passenger/Right Center/Rear Mounting Brackets	6	8mm Hex Nuts
3	Driver/Left Support Brackets	6	8mm Nylon Lock Nuts
3	Passenger/Right Support Brackets	6	8mm Plastic Retainers
12	10-1.5mm x 35mm Hex Bolts	12	6-1.0mm x 25mm Hex Bolts
24	10mm x 27mm OD x 3mm Flat Washers	24	6mm x 2mm OD x 2mm Flat Washers
12	10mm Nylon Lock Nuts	12	6mm Nylon Lock Nuts
6	8-1.25mm x 30mm Bolt Plates		



PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING MAY BE REQUIRED.
2. Starting at the Driver/Left front side of the vehicle, remove the sealing tape covering the factory holes in the side of the inner panel, **(Figure 1)**.
3. Determine the correct procedure to attach the Driver/Left Front Bracket for your model/year:
Models without factory threaded inserts in body panel, (see Figure 1):
 - a. Select (1) 8mm Bolt-Nut Plate, **(Figure 2)**. Partially thread an 8mm Hex Bolt into the threaded nut on the Bolt-Nut Plate, **(Figure 3)**. Thread the Hex Bolt in until it is flush with the welded nut. Use the

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Hex Bolt as a handle and insert the Bolt-Nut Plate into the oval hole, **(Figure 4)**. Feed the threaded bolt on the Bolt-Nut Plate through one of the hex shaped factory holes.

- b.** Thread (1) 8mm Plastic Retainer onto the threaded end and down tight against the body panel, **(Figure 5)**. **NOTE:** The Plastic Retainer is designed to keep the Bolt-Nut Plate from falling into the body panel and to aid in Bracket installation.
- 4.** Select (1) Passenger/Right Support Bracket, for use on the Driver/Left Front mounting location, **(Figure 6)**. Attach the Bracket to the threaded end of the Bolt Plate with (1) 8mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 6)**.
 - c.** Remove the 8mm Hex Bolt from the nut on the Bolt Plate from **Step 3a**. Rotate the Bolt on the Bolt-Nut Plate until the threaded nut lines up with the remaining hole in the Bracket and hex hole in the body panel, **(Figure 5)**. Attach the Bracket to the threaded nut with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figure 6)**. Do not tighten hardware at this time.

Models with factory threaded inserts, (see Figure 7):

- a.** Select (1) Passenger/Right Support Bracket, for use on the Driver/Left Front mounting location. Attach the Bracket to the threaded inserts with (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 8)**. Leave hardware loose.
- 5.** Select (1) Passenger/Right Support Bracket, (for use on the Driver/Left Front mounting location). Attach the Support Bracket to the Mounting Bracket with (1) 8mm Hex Bolt, (2) 8mm Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 9)**. Do not tighten hardware at this time.
- 6.** Next, attach the Support Bracket to the back of the pinch weld with (2) 6mm Button Head Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, **(Figure 10)**. Do not tighten hardware at this time. **IMPORTANT:** Most 2009-12 models are not equipped with factory holes and will require drilling through the pinch weld to attach the Bracket. Do not drill through pinch weld at this time, **(see Step 10)**.
- 7.** Move to the center mounting location, **(Figure 11)**. Repeat **Steps 2—6** to attach (1) Driver/Left Mounting Bracket and (1) Driver/Left Support Bracket to the center location.
- 8.** Move to the rear mounting location, **(Figure 12)**. Repeat **Steps 2—6** to attach (1) Driver/Left Mounting Bracket and (1) Driver/Left Support Bracket to the rear location
- 9.** Carefully unwrap and select the Driver/Left Running Board. Attach the Running Board mounting tabs to the front face of the Mounting Brackets with (6) 10mm Hex Bolts, (12) 10mm Flat Washers and (6) 10mm Nylon Lock Nuts, **(Figure 13)**. Do not tighten hardware at this time.
- 10.** Properly level and adjust the Running Boards and fully tighten all hardware.

2009-12 models requiring drilling to attach Brackets to pinch weld:

 - a.** Level the Running Board to the vehicle. Make sure all (3) Brackets are tight against the bottom of the body panel and tighten all mounting hardware.
 - b.** Mark the location of the slots onto the pinch weld.
 - c.** Temporarily remove the Running Board and the (3) Mounting Brackets. Drill (2) 1/4" holes through the pinch weld for each Bracket. **IMPORTANT:** Do not drill too close to the bottom edge of the pinch weld. Drill the holes in the center of the marked slots.
 - d.** Repeat **Step 4** to attach the Brackets to the drilled holes in the pinch weld. Check for level then fully tighten all hardware.
- 11.** Repeat **Steps 2—10** to attach the Passenger/Right Running Board.
- 12.** 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. Mild soap may be used to clean the Running Boards.

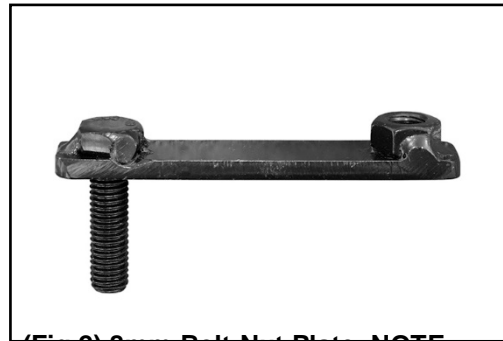
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Driver/Left Side Installation Pictured

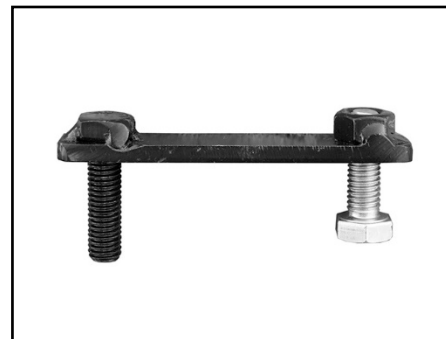


Front

(Fig 1) 2009-mid 2015 Driver/Left front mounting location (No factory holes in pinch weld 2009-2012 models)



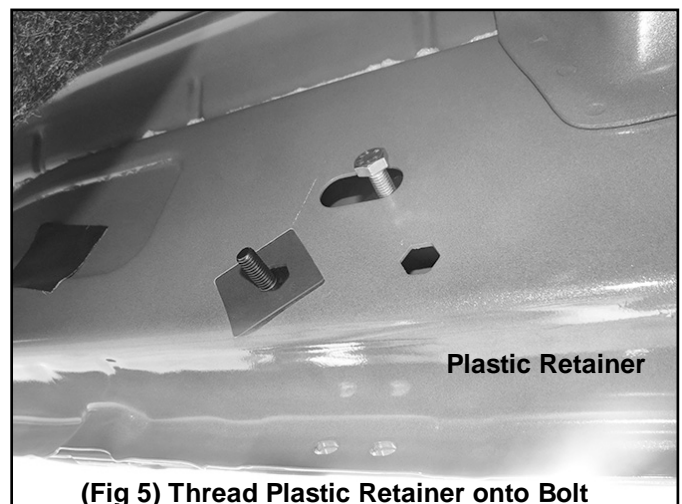
(Fig 2) 8mm Bolt-Nut Plate, NOTE: 8mm Bolt-Nut Plate is not required on models with threaded inserts



(Fig 3) Thread (1) 8mm Hex Bolt into the nut on the plate. Stop when bolt reaches end of nut as pictured



(Fig 4) Use the loose Hex Bolt as a handle. Insert the Bolt Plate into the oval hole and feed the threaded end out either factory hex shaped hole. IMPORTANT: Do not let go of the hex bolt until after Plastic Retainer has been threaded onto bolt (Fig 5)



Plastic Retainer

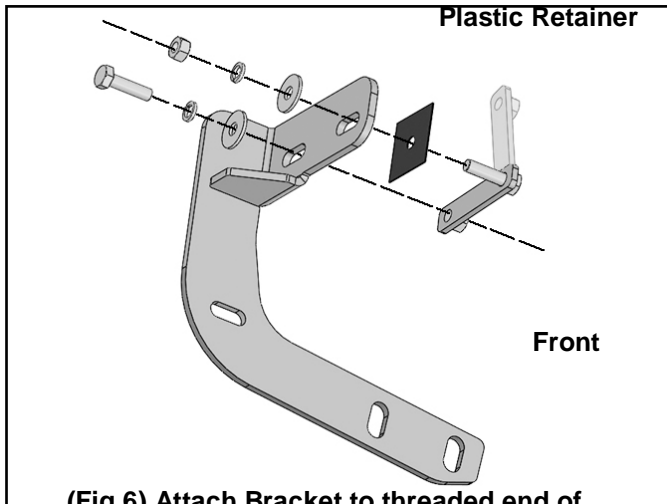
(Fig 5) Thread Plastic Retainer onto Bolt Plate to hold Bolt Plate in position.

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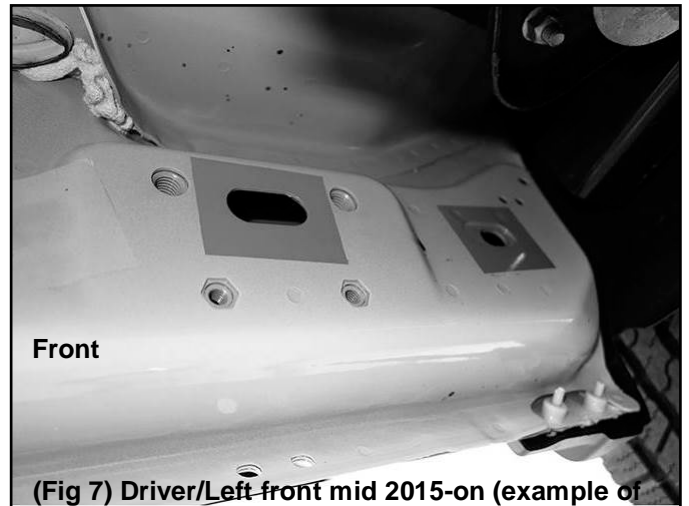
Driver/Left Side Installation Pictured

8mm Flat Washer
 8mm Lock Washer
 8mm Hex Nut

8mm Hex Bolt
 8mm Lock Washer
 8mm Flat Washer

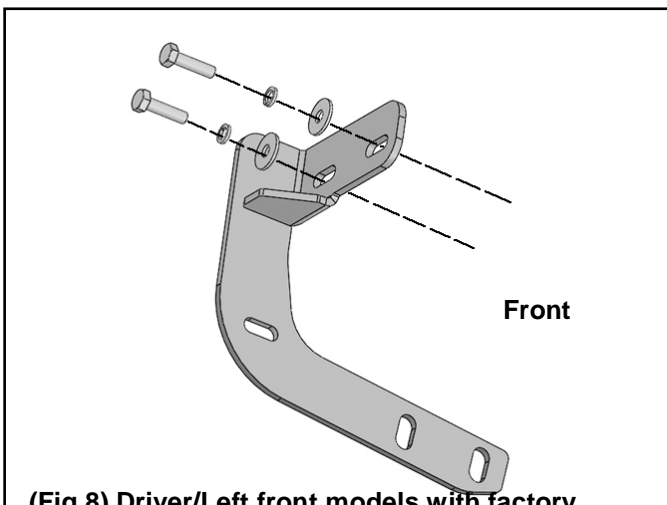


(Fig 6) Attach Bracket to threaded end of Bolt Plate first. Remove 8mm Hex Bolt (see Fig 3). Rotate Bolt Plate to line up with remaining factory hex shaped hole.



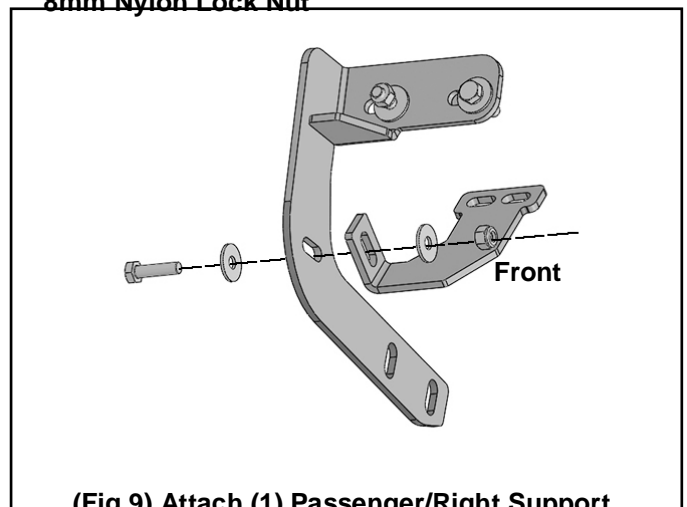
(Fig 7) Driver/Left front mid 2015-on (example of models with factory installed threaded inserts)

(2) 8mm Hex Bolts
 (2) 8mm Lock Washers
 (2) 8mm Flat Washers



(Fig 8) Driver/Left front models with factory installed threaded inserts. Bolt Plate not required

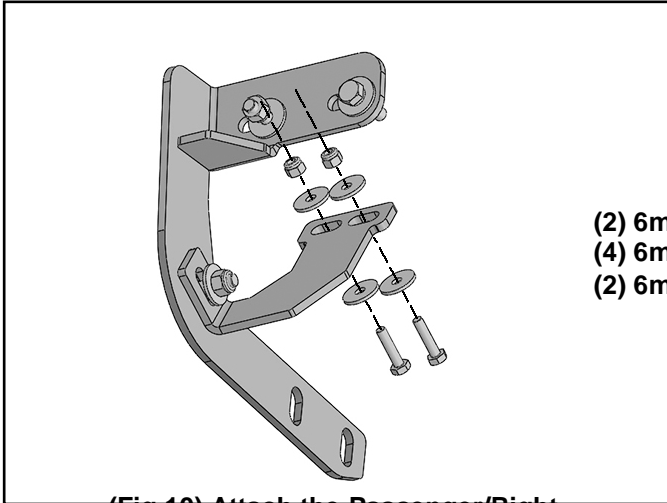
8mm Hex Bolt
 (2) 8mm Flat Washers
 8mm Nylon Lock Nut



(Fig 9) Attach (1) Passenger/Right Support Bracket to the Mounting Bracket

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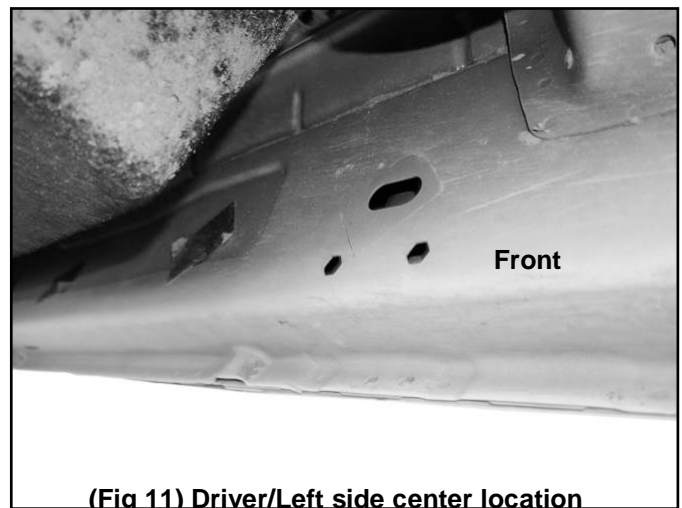
Driver/Left Side Installation Pictured



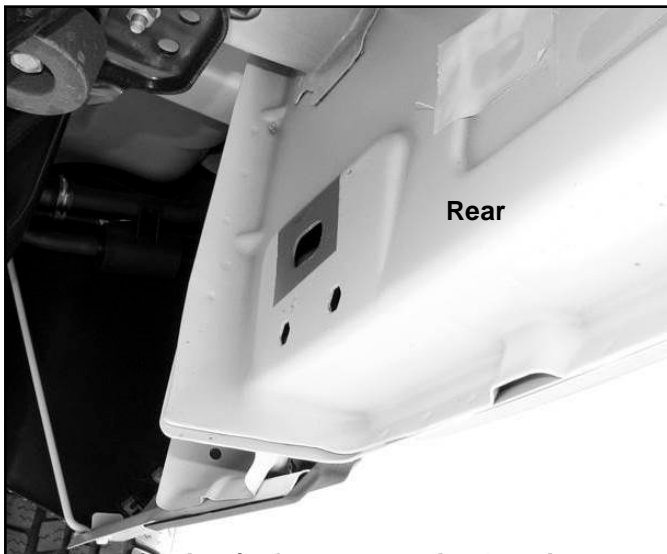
(Fig 10) Attach the Passenger/Right Support Bracket to the pinch weld

- (2) 6mm Hex Nuts
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts

IMPORTANT: 2009-2012 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach the bracket. Do complete installation of Running Boards first, level Running Boards before drilling holes for bracket.

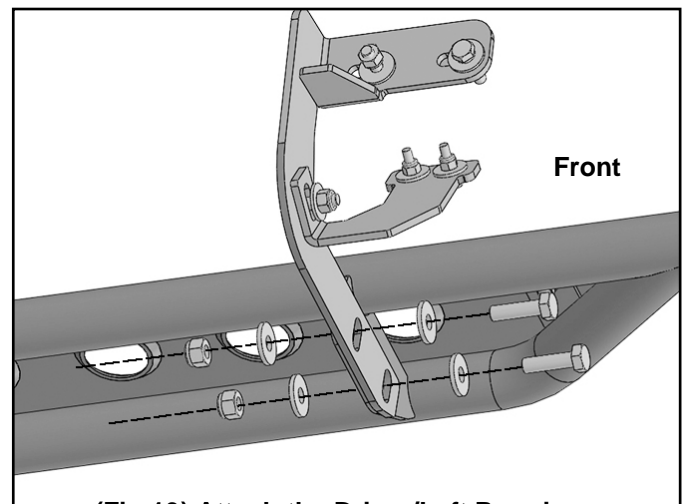


(Fig 11) Driver/Left side center location



(Fig 12) Driver/Left rear mounting location

- (2) 10mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts



(Fig 13) Attach the Driver/Left Running Board to the Mounting Brackets