Rough Country SRB071785A Installation Instructions

70-Inch HD2 Aluminum Running Boards for Crew Cab Chevy 1500/2500 HD

Part number: SRB071785A

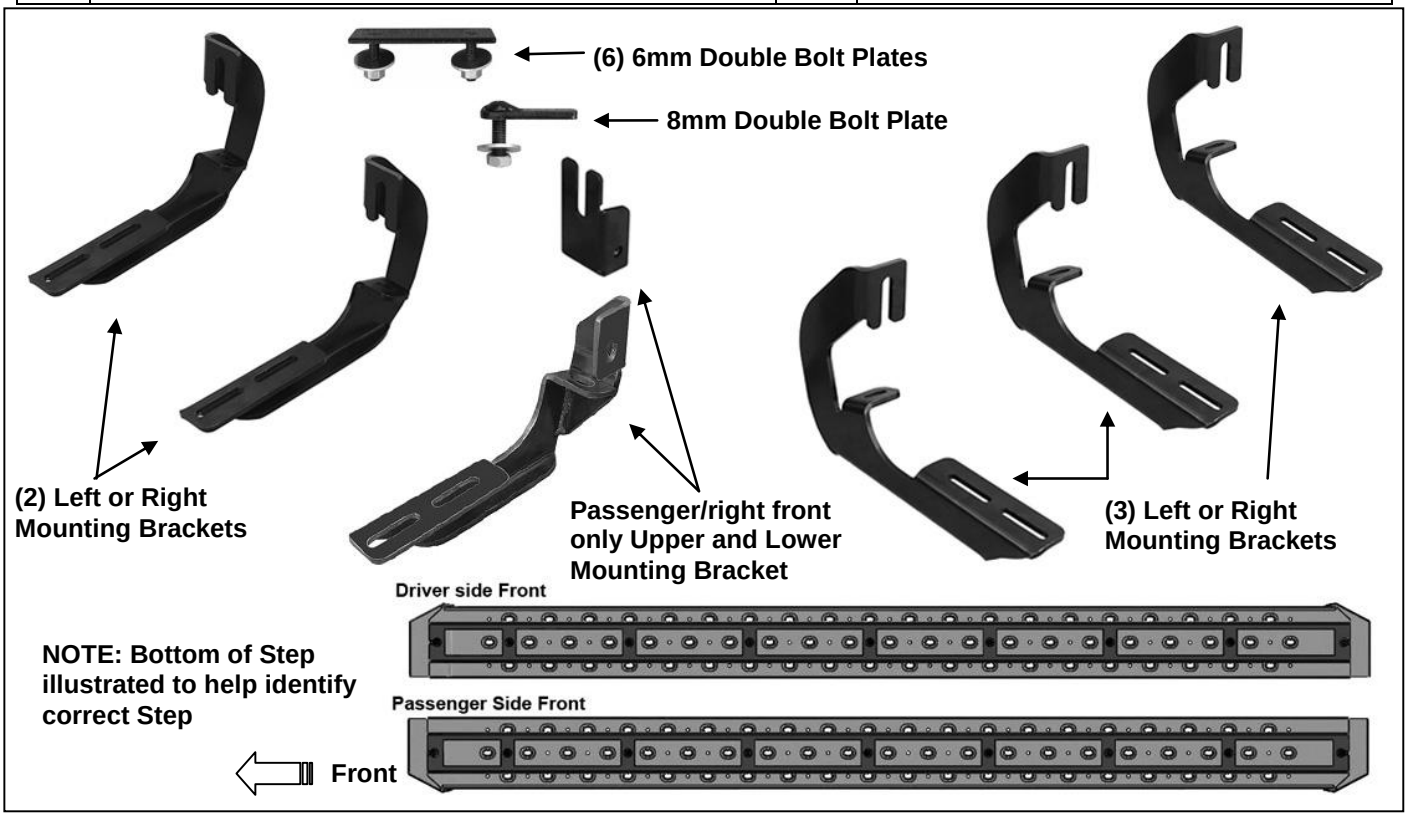
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ROUGH COUNTRY
SUSPENSION SYSTEMS®

GM 07-17 1500/2500/3500 CREW CAB STEPS

1	Driver/left Side Step	13	8mm Lock Washers
1	Passenger/right Side Step	1	8mm Bolt Plate
1	Passenger/right Front Upper Bracket (all incl. DEF)	1	8mm Nylon Lock Nut (use w-bolt plate)
1	Passenger/right Front Lower Bracket (all incl. DEF)	6	6mm Double Bolt Plates
5	Mounting Brackets (use for left or right)	12	6mm Hex Nuts
11	8-1.25mm Clip-On Nuts	12	6mm Lock Washers
13	8-1.25mm x 25mm Hex Bolts	12	6mm x 22mm OD x 2mm Flat Washers
13	8mm x 24mm x 2mm Flat Washers		



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. ON MODELS WITH DEF TANK, SELECT A FLAT, LEVEL AREA FOR INSTALLATION. MAY REQUIRE CUTTING.

1. Start the installation under the driver side of the vehicle. Locate the 5 tabs along the bottom edge of the body, (pinch weld). Mounting Brackets will bolt to the 1st, 2nd, (just in front of center of cab), and 5th mounting tabs, **(Figure 1)**. Directly above each tab is a top mounting location on the side of the body panel. Hold a Bracket up in place to help determine the mounting holes to use along the body.
2. Determine the correct procedure for your model year and each Bracket location.

Bottom mounting location on the edge of the pinch weld.

Flat tab on pinch weld with factory installed weld nut:

Thread hex bolt into weld nut from the backside-down to clear paint from threads, **(Figure 2)**.

Flat tab on pinch weld with hole:

Select (1) 8mm Clip Nut. Slide the Clip Nut over the tab with the nut facing up behind the tab, **(Figures 3—5)**. Line up threaded nut with hole in the tab. Repeat for each mounting location.

Locate top mounting location on the back side of the body panel. **Models with factory installed threaded insert in body panel**:

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Thread 8mm Hex Bolt into threaded insert to clear paint as required, **(Figures 2 & 3)**.

Large and small hole in side of body panel:

Remove the rubber plug from the larger hole, **(Figure 4)**. Select (1) 8mm Clip Nut. Slide the Clip Nut into the larger hole. Line up the threaded nut with the smaller hole, **(Figure 5)**.

3. Select (1) Mounting Bracket. **NOTE**: (5) Brackets are universal and will fit all left or center and rear right side. Bolt the Mounting Bracket to the Clip Nuts and/or the factory threaded holes with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figures 6, 7 & 10)**. Snug but do not fully tighten the hardware.
4. Repeat **Steps 1—3** to install the (2) remaining driver side Brackets, **(Figure 10)**.
5. Select the driver/left Step. **NOTE**: Use the illustration on **Page 1** to properly identify the driver side Step. Place the Step on top of the Brackets. Locate the channels in the bottom of the Step. Select (3) 6mm Double Bolt Plates, **(Figure 8)**. Insert the Bolt Plates into the channels in the bottom of the Step closest to the Brackets, **(Figure 9)**. Lift the Step up and guide the studs through the Brackets.
6. Attach the Step to the Brackets with (6) 6mm Flat Washers, (6) 6mm Lock Washers and (6) 6mm Hex Nuts, **(Figures 10 & 19)**. **NOTE**: The Step is designed to fit close to the vehicle. It may be necessary to loosen the Bracket hardware and tilt the Brackets downward to insert the Step between the Brackets and the body. Do not tighten hardware at this time.
7. Level and adjust the Step and fully tighten all hardware.
8. Move to the passenger side of the vehicle. On the passenger side, determine if the vehicle is equipped with a plastic diesel exhaust fluid (DEF) tank, **(Figures 11 & 12)**.

   Models without DEF tank, skip to Step 9.

   Models with DEF tank: The tank sits close to the side of the body. With specialized tools, the passenger front upper and lower Bracket can be installed but room is limited. It may be easier to drop the tank down to access the inner side of the body panel for upper bracket installation. Tank will not need to be removed, only dropped down for access to mounting location. **IMPORTANT**: If tank is full, it will be very heavy and assistance is highly recommended to avoid injury or damage to the vehicle or the tank. It is recommended that installation is performed when the DEF tank is low on fluid before dropping the tank.
   - **a.** On models with plastic lower tray under the tank, remove the (3) hex bolts attaching the tray to the frame, **(Figure 11)**, and remove the tray. **2017 2500/3500 models:** Remove the (4) hex bolts attaching plastic cover to DEF tank, **(Figure 12A)** and remove plastic cover, **(Figure 12B)**.
   - **b.** Release the tank filler hose. Release the plug for the sending unit on the top of the tank.
   - **c.** Support the tank with a floor jack. Place a smooth flat surface, (wooden block for example), between the floor jack and the tank to avoid damaging the plastic tank. Do not push up on the tank; only support the weight of the tank with the jack.
   - **d.** Remove the (2) bolts securing the tank straps to the vehicle, **(Figure 13)**. Tilt the straps to release from the brackets. Slowly lower the tank until the top of the tank is almost visible. Use blocks or stands to support the tank while installing the front Upper and Lower Brackets.
   - **e.** Proceed to **Step 9**.
9. Locate the first tab on the edge of the pinch weld, **(Figures 2—4, 15 & 17)**. Select the Upper Bracket, **(Figure 14)**. Repeat **Steps 2 & 3** to attach the passenger front Upper Bracket to the side of the body panel, **(Figure 15)**. Do not tighten hardware at this time.
10. Line up the hole in the bottom of the Upper Bracket with the hole in the tab on the pinch weld.
    - **a. Models with a weld-nut**: Slide the Bracket over the weld-nut, **(Figure 15)**. Attach the Lower Bracket to the bottom of the body and weld-nut with (1) 8mm x 25mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figures 18 & 23)**. Leave loose at this time.
    - **b. Models with flat tab and hole**: Insert the 8mm Bolt Plate down through the hole in the Upper Bracket and mounting tab, **(Figures 16—17)**. Attach the Lower Bracket to the bottom of the body and Bolt Plate with (1) 8mm Flat Washer and (1) 8mm Nylon Lock Nut, **(Figures 18 & 22)**. Leave loose at this time.

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11. Line up the side tab on the Lower Bracket with the threaded hole in the side of the Upper Bracket. Attach the Lower Bracket to the Upper Bracket with (1) 8mm x 25mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figure 23)**. Leave loose at this time.

12. Repeat **Steps 1—3** for the (2) remaining passenger side Bracket installations. **NOTE**: Cradles on Brackets installed on passenger side will face forward.

- **a. 2017 2500/3500 DEF tank models:** Locate the 3rd, (just in front of center of cab), tab bracket location along the bottom edge of the body, (pinch weld), **(Figure 19)**. Hold the DEF cover in place and mark the location onto the cover, **(Figure 20)**. Use a sharp knife or hacksaw blade to carefully cut a slot in the plastic cover to clear the 2nd Bracket, **(Figure 21)**. Remove as little plastic as possible.

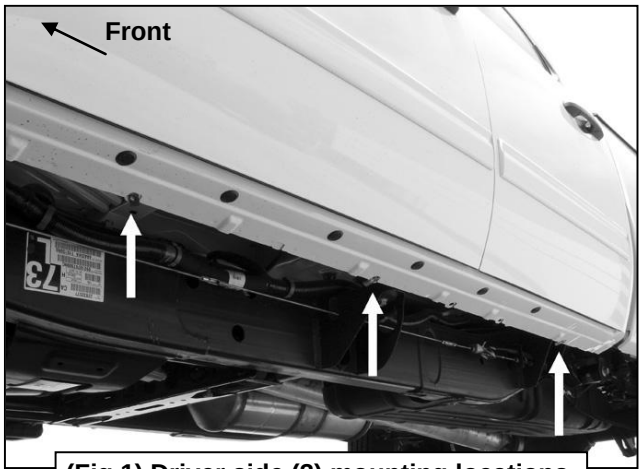
13. Repeat **Steps 5—7** to install the passenger side Step.

14. Once the Step has been installed and all hardware fully tightened, reinstall the DEF tank and cover, if equipped, as described in **Steps 8 & 12**.

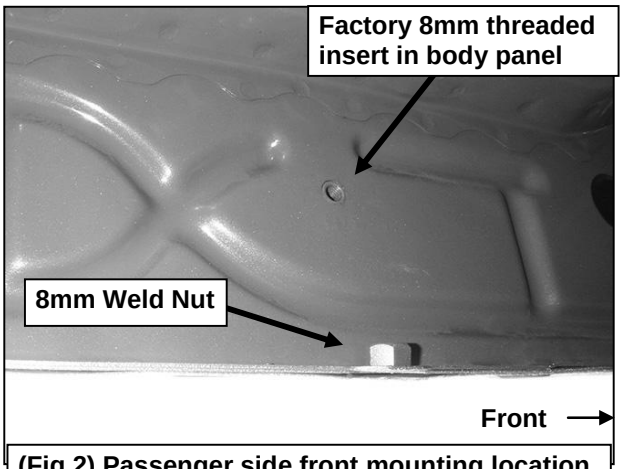
15. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

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. Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Steps.

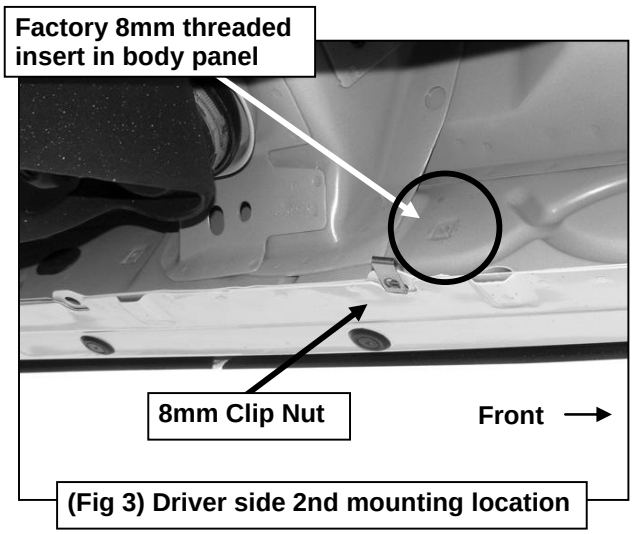
Driver/Left Side Installation Pictured



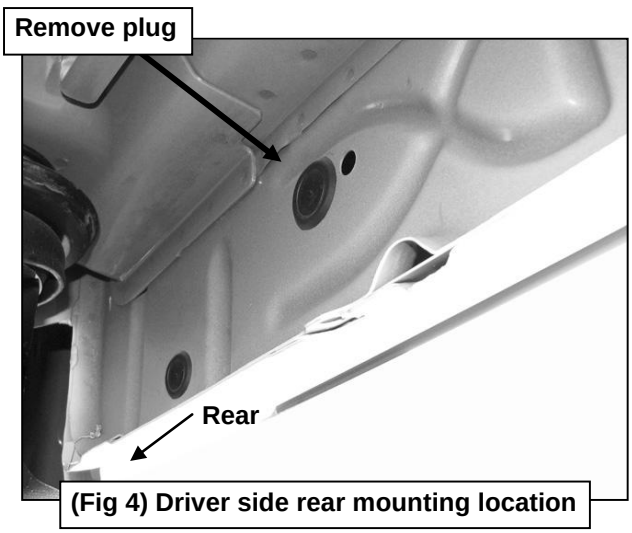
(Fig 1) Driver side (3) mounting locations



(Fig 2) Passenger side front mounting location



(Fig 3) Driver side 2nd mounting location



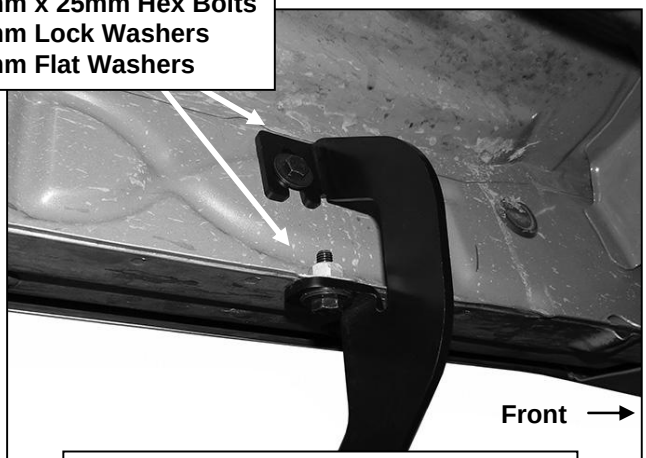
(Fig 4) Driver side rear mounting location

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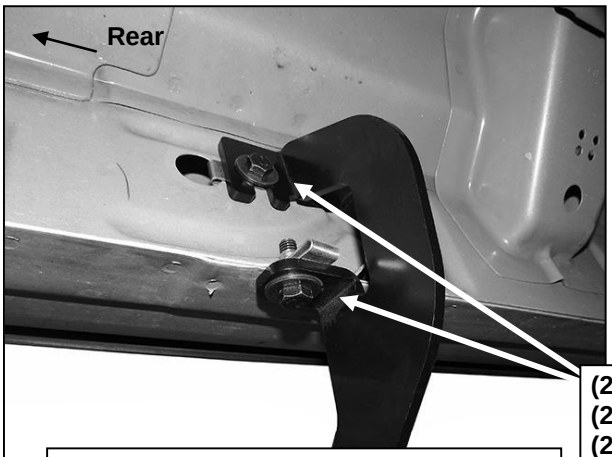
Driver/Left Side Installation Pictured



(Fig 5) Driver side rear mounting location



(Fig 6) Driver/left front bracket installed

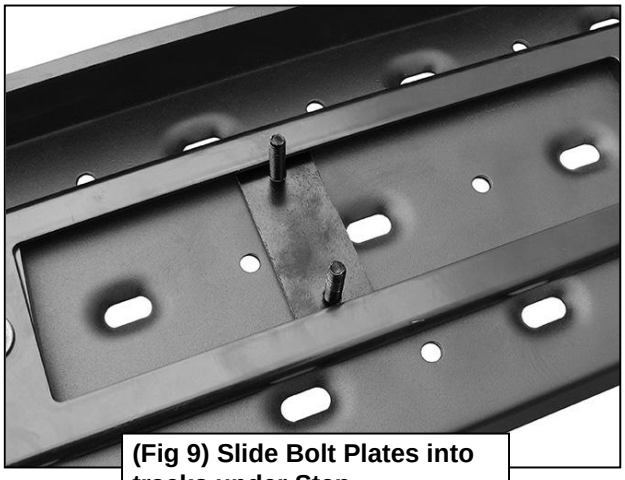


(Fig 7) Driver/left rear bracket installed

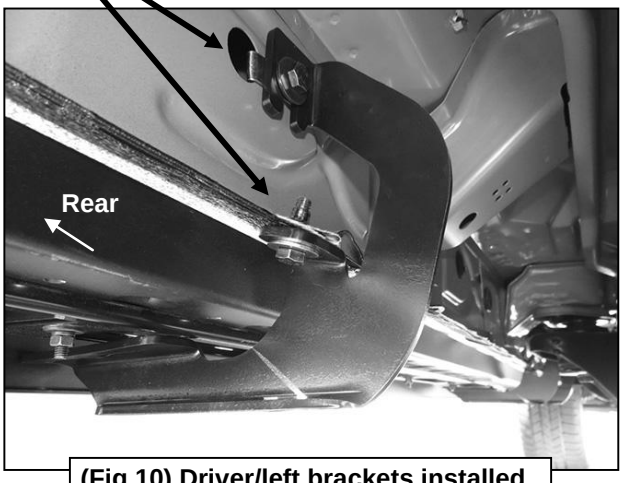


(Fig 8) 6mm Double Bolt Plate

(2) 8mm x 25mm Hex Bolts
(2) 8mm Lock Washers
(2) 8mm Flat Washers



(Fig 9) Slide Bolt Plates into tracks under Step

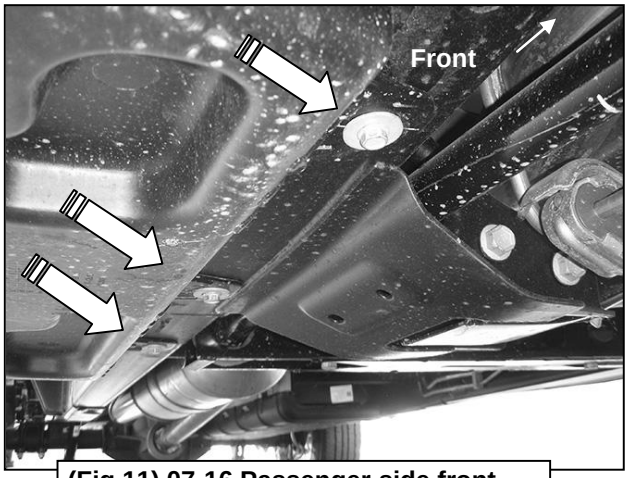


(Fig 10) Driver/left brackets installed

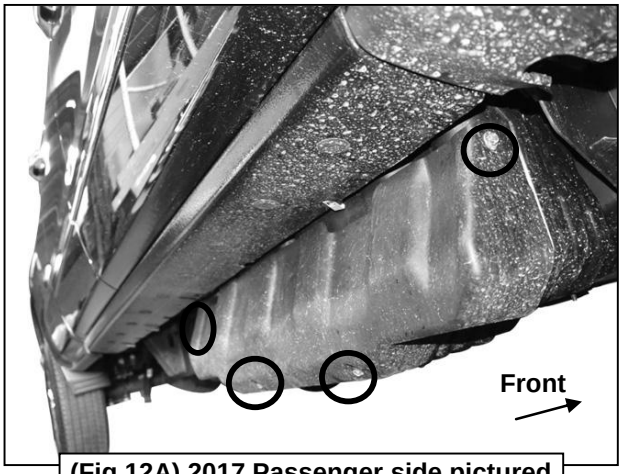
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Passenger Side/Right Installation Pictured



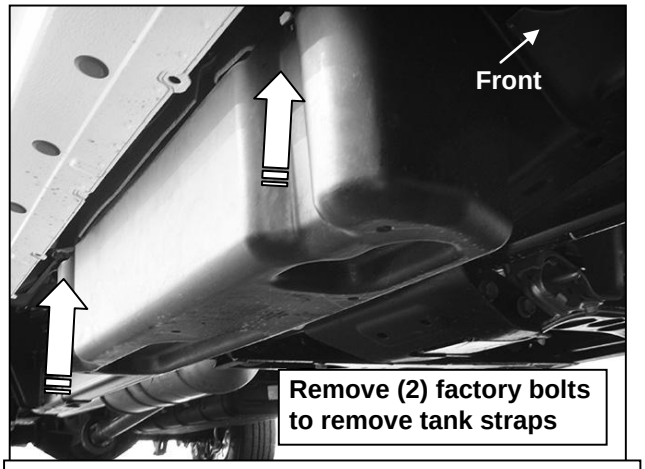
(Fig 11) 07-16 Passenger side front pictured with DEF tank cover. Remove (3) hex bolts to remove cover



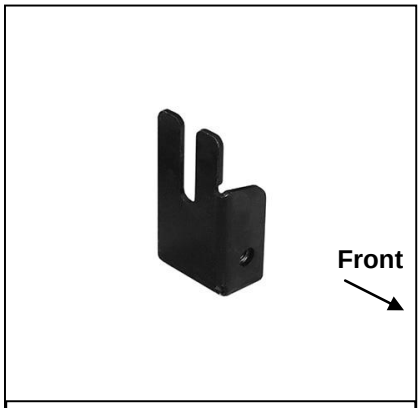
(Fig 12A) 2017 Passenger side pictured with DEF plastic tank cover. Remove (4) hex bolts to remove plastic cover



(Fig 12B) 2017 Passenger side DEF cover



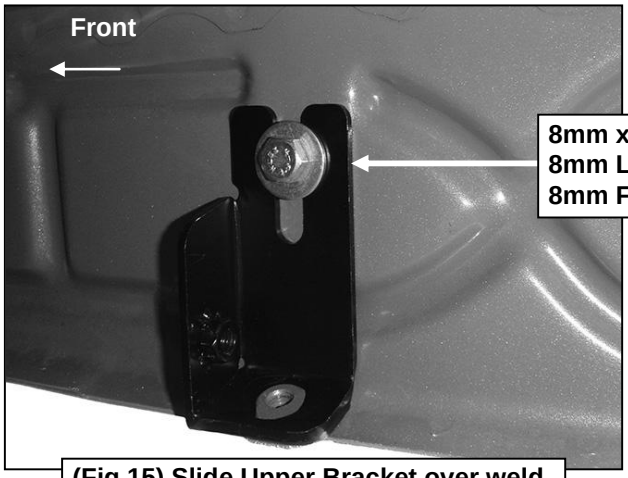
(Fig 13) 07-16 Passenger side DEF tank and cover



(Fig 14) Passenger/right Front Upper Bracket (all models)

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Passenger Side/Right Installation Pictured



(Fig 15) Slide Upper Bracket over weld nut if equipped-also see Figure 2



(Fig 16) 8mm x 35mm Bolt Plate

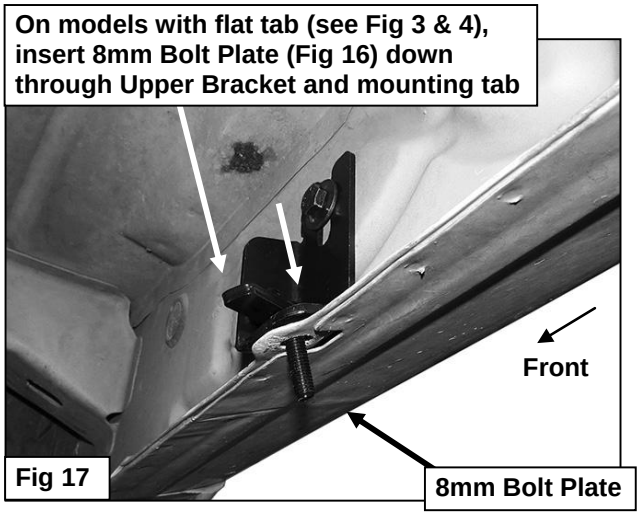
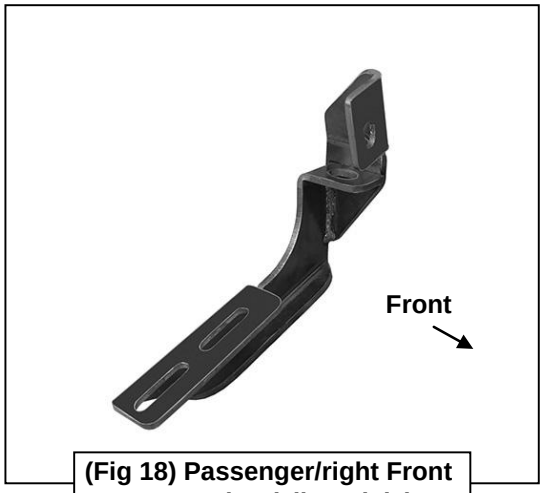
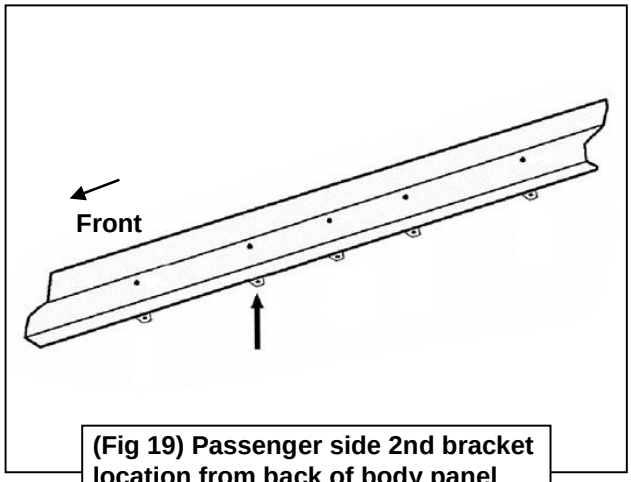


Fig 17



(Fig 18) Passenger/right Front Lower Bracket (all models)

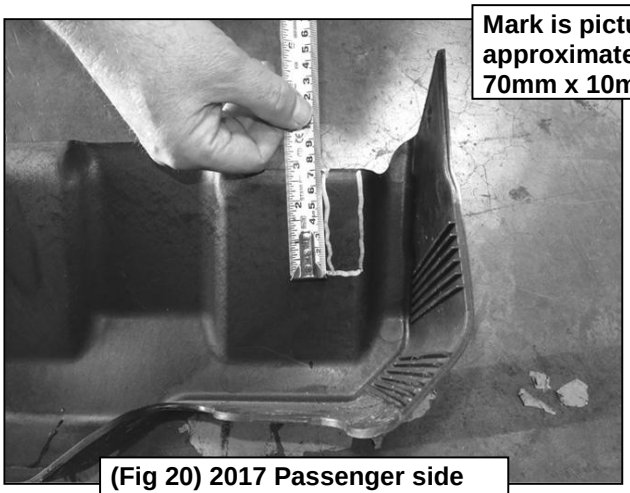


(Fig 19) Passenger side 2nd bracket location from back of body panel

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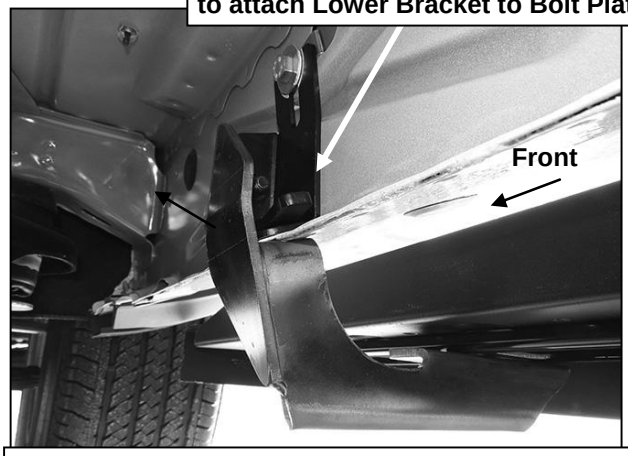
Passenger Side/Right Installation Pictured



(Fig 20) 2017 Passenger side DEF cover marked for trimming



(Fig 21) 2017 Passenger side DEF cut for example only



(Fig 22) Passenger/right front Bracket installation

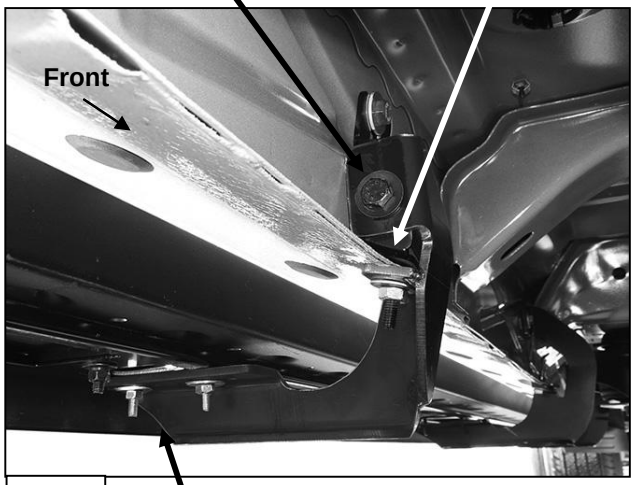


Fig 23

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

Thread Size	Wrench Size	Torque Spec
6mm	10mm	8 ft/lb
8mm	13mm	18 ft/lb
10mm	17mm	37 ft/lb
12mm	18mm	65 ft/lb

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