



iBoard® Series

INSTALLATION INSTRUCTIONS

PART#: IB-R196

BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. THANK YOU FOR CHOOSING OUR PRODUCT!

These instructions are provided for reference only. We strongly recommend installation by a professional installer for the best results. We are not responsible for any damage caused during installation.

***ROCKER PANEL MOUNT**

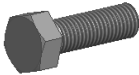
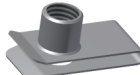
***NO DRILLING REQUIRED/TRIMMING MAY BE REQUIRED**

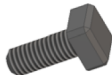
Recommended Torque Values

Fastener Size	Tightening Torque (ft-lbs)	Torque Wrench Required (Yes/No)
6mm	6-7	Yes
8mm	16-18	Yes
10mm	31-32	No
12mm	56-58	No
14mm	92-94	No



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Installation Video

Hardware Package A (For Bracket Installation)					
Item	QTY	Description	Item	QTY	Description
A1	10	M8X1.25-25mm Hex Bolts	A4	8	M8 Clip Nuts
A2	12	M8 Large Flat Washers	A5	2	M8 Nylon Lock Nuts
A3	8	M8 Lock Washers			
 A1  A2  A3  A4  A5					

Hardware Package B (For Running Board Installation)					
Item	QTY	Description	Item	QTY	Description
B1	8	M6X1-20mm Square Head Bolts	B3	8	M6 Nylon Lock Nuts
B2	8	M6 Large Flat Washers			
 B1  B2  B3					



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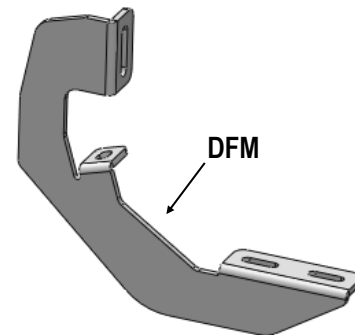
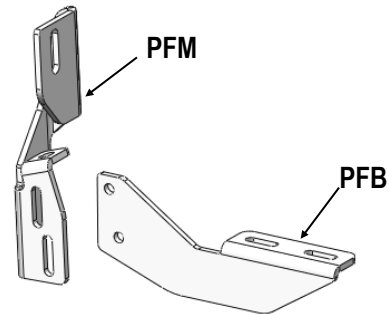
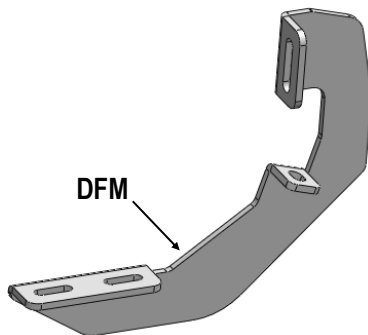
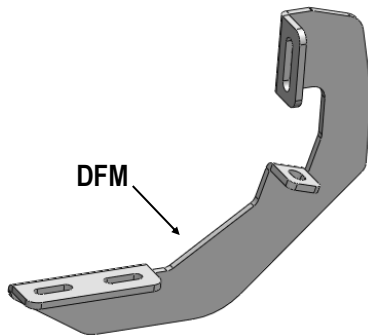
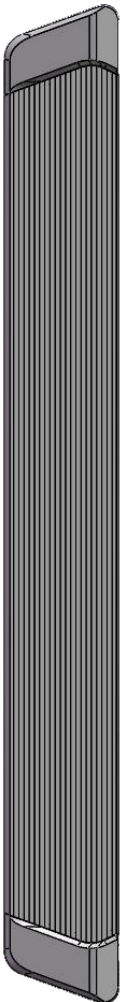
Mounting Bracket List			
Item	QTY	Bracket Label	Description
1#	3	DFM	Mounting Bracket for Driver Side/ Passenger Center /Rear
2#	1	PFM	Mounting Bracket for Passenger Front
3#	1	PFB	Bar Brackets for Passenger Front

PART LIST

Driver

Front

Passenger





STEP 1: Locate Driver Side Mounting Positions

- Locate the mounting tabs along the bottom edge of the body at driver front mounting location, (pinch weld).
- Mounting brackets will bolt to the 2 mounting tabs. Directly above each tab is a top mounting location on the side of the body panel, (Fig. 1).
- Determine the correct procedure for your model / year and each bracket location.

A. Lower mounting location on the edge of the pinch weld

a) Flat tab on pinch weld with factory installed weld nut:

Thread the M8X1.25-25mm Hex Bolt into the welded nut to clear the paint from threads as required, (Fig. 2).

b) Flat tab on pinch weld with hole (Fig. 3,4) :

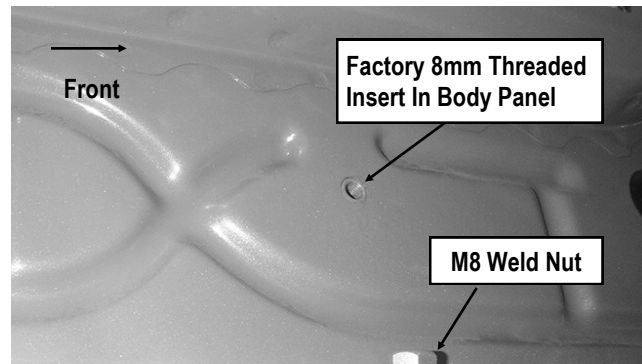
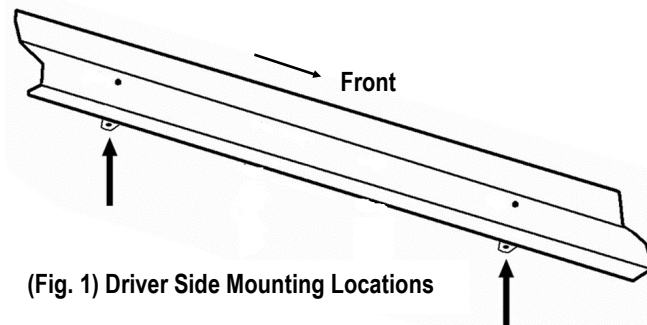
Select (1) M8 Clip Nut. Slide the Clip Nut over the tab with the nut facing up behind the tab. Repeat this **Step** for Driver Rear mounting location.

B. Upper mounting location on the inner side of the body panel:

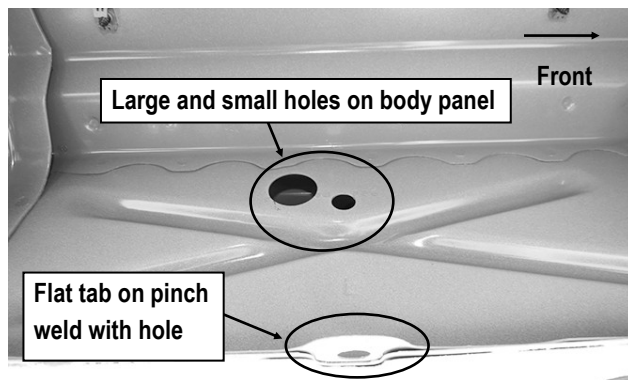
a) Models with factory installed threaded insert in body panel: Thread M8X1.25-25mm Hex Bolt into the threaded insert to clear paint as required, (Fig. 2).

b) Models with large and small holes on the body panel (Fig 3, 4):

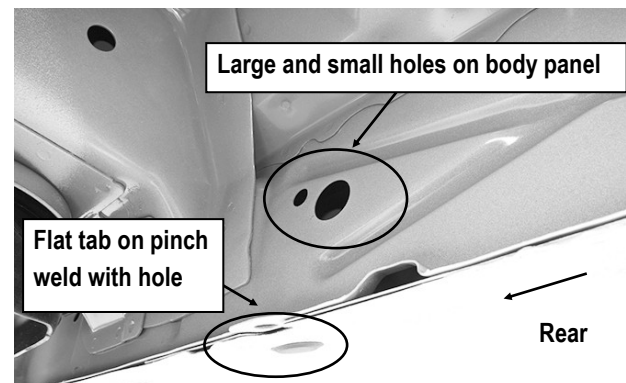
Remove the rubber plug from the larger hole. Select (1) M8 Clip Nut. Insert the Clip Nut into the larger hole with the thread facing inner side.



(Fig. 2) Driver Front Mounting Bracket Location



(Fig. 3) Driver Side Front Mounting Location
(Flat tab on Pinch Weld with hole)



(Fig. 4) Driver Side Rear Mounting Location
(Flat tab on Pinch Weld with hole)



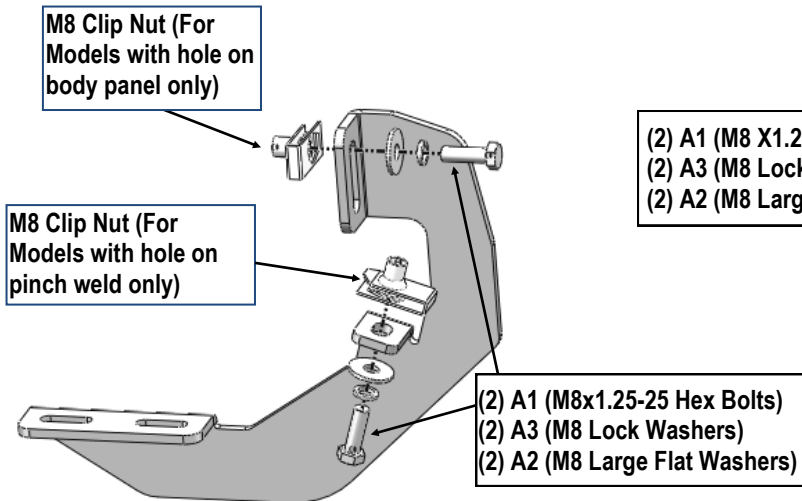
STEP 2: Install the Driver Front Mounting Bracket

- Bolt the (1) Driver Front Mounting Bracket (**DFM**) to the installed A4 (M8 Clip Nuts) and/or the factory threaded holes on Driver Side Front Mounting Location (**Figs. 5-6**) with:
 - (2) A1 (M8 X1.25-25mm Hex Bolts)
 - (2) A3 (M8 Lock Washers)
 - (2) A2 (M8 Large Flat Washers)

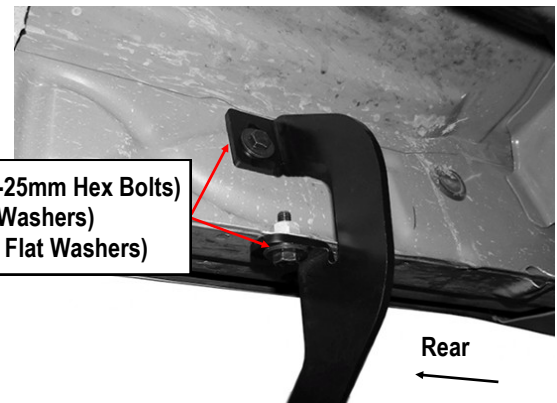
Do not fully tighten the hardware at this time.

- Repeat to install Driver Rear Mounting Bracket (**DFM**) to driver rear mounting location.

Note: All (3) DFM's are universal.



(Fig. 5) Driver Front Mounting Bracket Installation



(Fig. 6) Driver Front Mounting Bracket Installed

STEP 3: Driver Side Running Board Installation

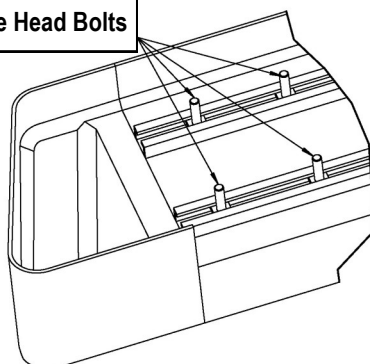
Once all (2) mounting brackets are installed, then proceed to the Running Board installation.

- Select a Running Board. Slide (2) B1 M6X1-20mm Square Head Bolts into each bottom channel (**Fig 7**).
- Carefully position the Running Board onto the (2) Mounting Brackets.
- Attach the Running Board to each Mounting Bracket (**Fig 8**) with:
 - (2) B1 (M6X1-20mm Square Head Bolts)
 - (2) B2 (M6 Large Flat Washers)
 - (2) B3 (M6 Nylon Lock Nuts)

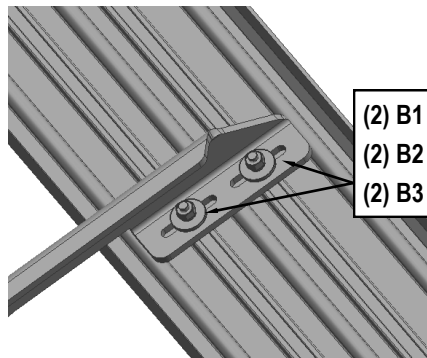
Note: Do not slide the Running Board on the Brackets or the bottom surface of the board will be damaged.



M6X1-20mm Square Head Bolts



(Fig. 7) Slip M6X1-20mm Square Head Bolts Into The Bottom Channels



(2) B1 (M6X1-20mm Square Head Bolts)
(2) B2 (M6 Large Flat Washers)
(2) B3 (M6 Nylon Lock Nuts)

(Fig. 8) Running Board Installed Onto Mounting Bracket

STEP 4: Locate Passenger Side Mounting Positions

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, (Figs 9 & 10).

(1) Models without DEF tank, skip to Step 5.

(2) Models with DEF tank:

- The tank sits close to the side of the body.
- With specialized tools, the Passenger Front Mounting Bracket can be installed but room is limited.
- Determine model/year of vehicle before proceeding.

A) Up to 2016 models:

- It may be easier to drop the tank down to access the inner side of the body panel for the Passenger Side Front Mounting Bracket installation.
- Tank will not need to be removed, only dropped down for access to mounting location.

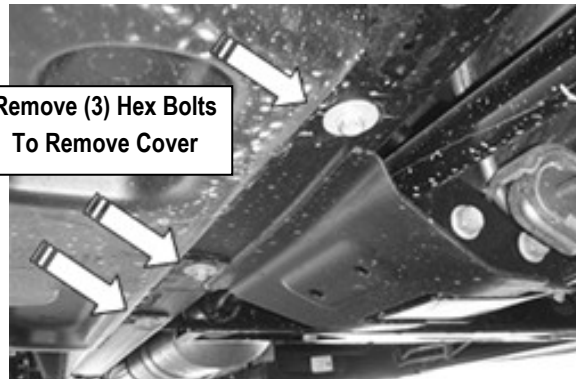
IMPORTANT: If tank is full, it will be very heavy and assistance is highly recommended to avoid injury or damage the vehicle or the tank. It is recommended that installation is performed when the DEF tank is low on fluid before dropping the tank.

- On models with plastic lower tray under the tank, remove the (3) hex bolts attaching the tray to the frame, (Fig 9), and remove the tray.
- Release the tank filler hose. Release the plug for the sending unit on the top of the tank.
- 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.
- Remove the (2) bolts securing the tank straps to the vehicle, (Fig 10). 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 Passenger Front Mounting Bracket.
- Proceed to **Step 5**.

B) 2017-Up models:

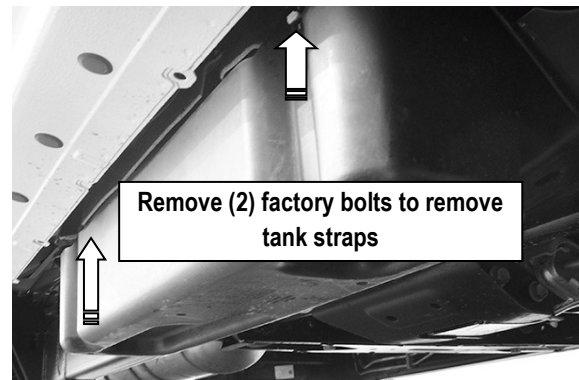
Remove the (4) hex bolts attaching plastic cover to DEF tank, (Fig 11A) and remove plastic cover, (Fig 11B).

NOTE: On 2017 2500/3500 models, only remove plastic cover from DEF tank. Do not lower DEF tank and proceed to Step 5.



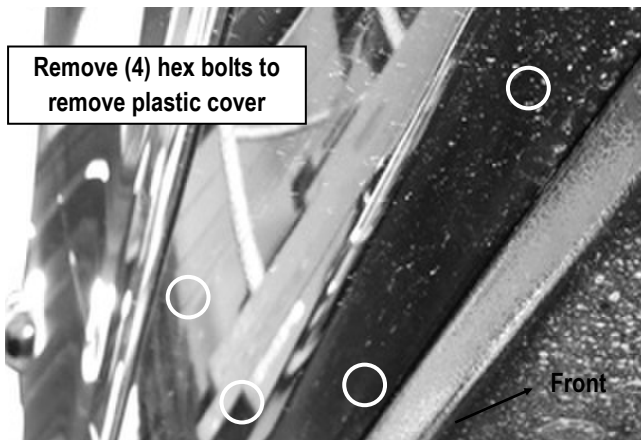
Remove (3) Hex Bolts
To Remove Cover

(Fig. 9) 07-16 Passenger Side Front Pictured With
DEF Tank Cover



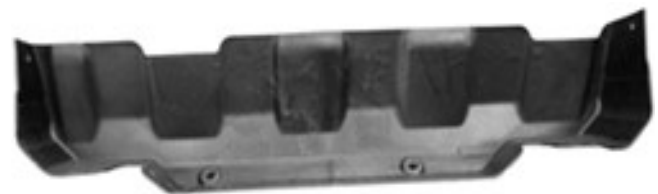
Remove (2) factory bolts to remove
tank straps

(Fig. 10) 07-16 Passenger Side DEF Tank and Cover



Remove (4) hex bolts to
remove plastic cover

(Fig. 11A) 2017-Up Passenger Side Pictured w/DEF tank cover

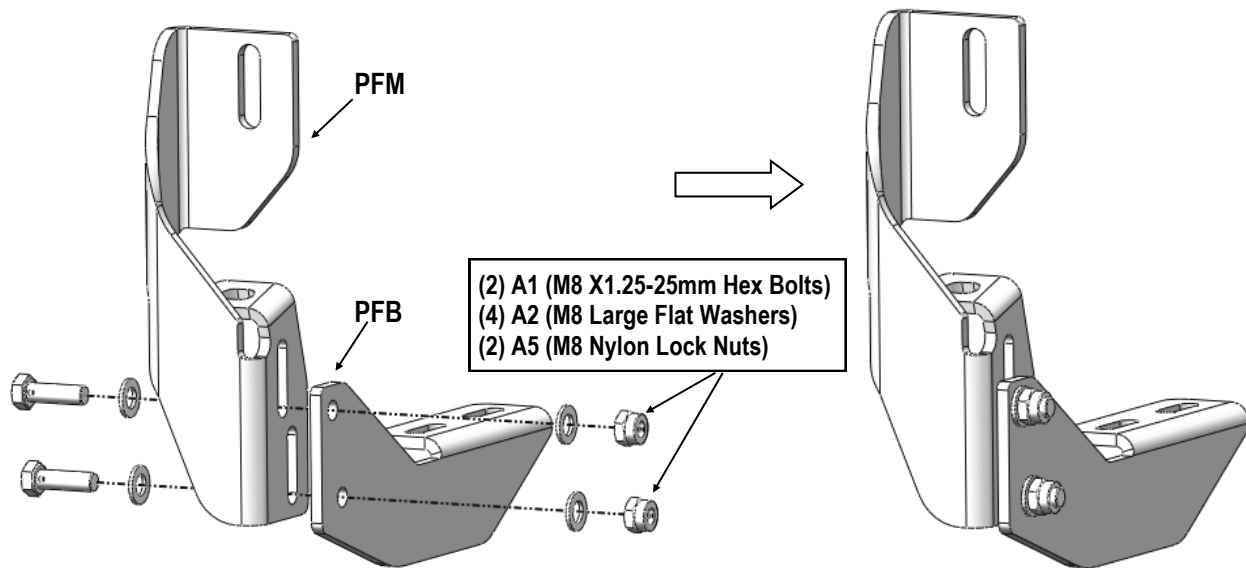


(Fig. 11B) 2017 Passenger Side DEF Cover Removed

STEP 5: Install the Passenger Front Mounting Brackets

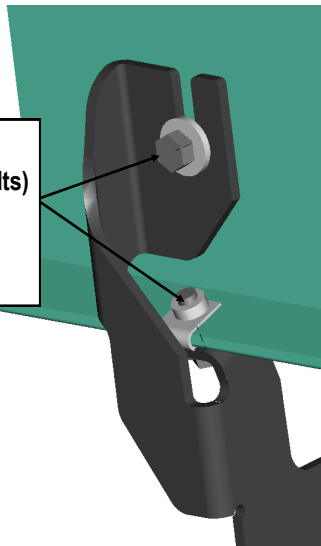
- Assembled Passenger Front Mounting Brackets (PFM+PFB) (Fig. 12) with:
 - (2) A1 (M8X1.25-25mm Hex Bolts)
 - (4) A2 (M8 Large Flat Washers)
 - (2) A5 (M8 Nylon Lock Nuts)

Do not fully tighten the hardware at this time.
- Locate the first tab on the edge of the pinch weld, attach the Passenger Front Mounting Bracket (PFM+PFB) to the A4 (Clip Nut) and/or the factory threaded holes. (Figs. 13 & 14):
 - Models with flat tab and hole:** see Fig. 13. Leave loose at this time.
 - Models with weld-nut:** see Fig. 14. Leave loose at this time.



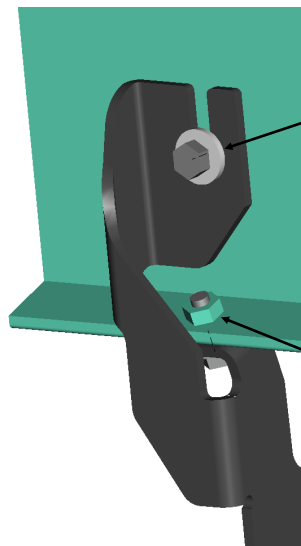
(Fig. 12) Passenger Front Mounting Brackets (PFM+PFB) Assembly

Models With Hole :
 (2) A1 (M8 x1.25-25mm Hex Bolts)
 (2) A3 (M8 Lock Washers)
 (2) A2 (M8 Large Flat Washers)
 (1) A4 (M8 Clip Nuts)



(Fig. 13) Passenger Front Mounting Bracket Installed (Example)

Models With 8mm Threaded Insert In Body Panel:
 (1) A1 (M8 x1.25-25mm Hex Bolt)
 (1) A3 (M8 Lock Washer)
 (1) A2 (M8 Large Flat Washer)



Models With Weld Nut On Pinch Weld:
 (1) A1 (M8 x1.25-25mm Hex Bolt)
 (1) A3 (M8 Lock Washer)
 (1) A2 (M8 Large Flat Washer)

(Fig. 14) Passenger Front Mounting Bracket Installed (Weld Nut If Equipped-Also See Fig. 2) (Example)



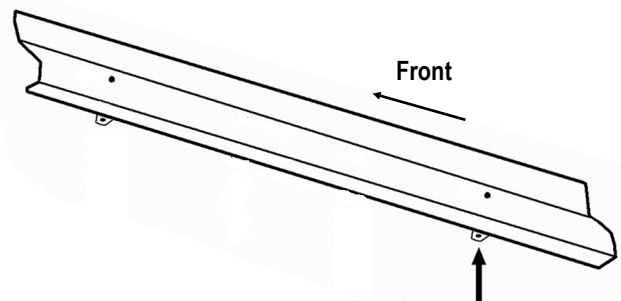
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STEP 6: Install Passenger Rear Mounting Bracket

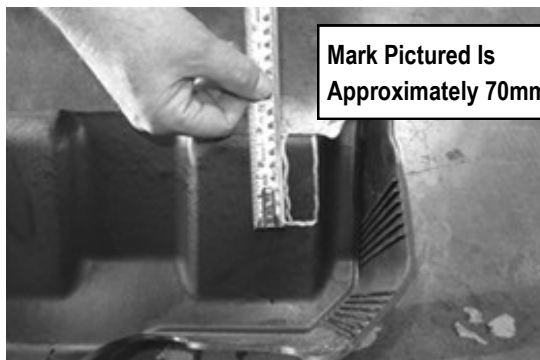
1. 2007-2016 models: Repeat **Steps 1-2** for Passenger Rear Mounting Bracket (DFM) installation.

2. 2017-up 2500/3500 DEF tank models:

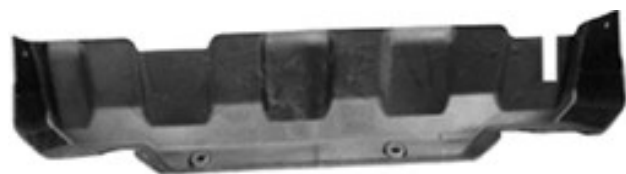
- Locate the 2nd tab bracket location along the bottom edge of the body, (pinch weld), **(Fig. 15)**.
- Hold the DEF cover in place and mark the 2nd Bracket location onto the cover, **(Fig. 16)**.
- Use a sharp knife or hacksaw blade to carefully cut a slot in the plastic cover to clear the 2nd Bracket, **(Fig. 17)**.
- Remove as little plastic as possible.



(Fig. 15) Passenger Side Rear Location



(Fig. 16) 2017-Up Passenger Side DEF Cover Marked For Trimming



(Fig. 17) 17-Up Passenger Side DEF Cut For Example Only

STEP 7: Passenger Side Running Board Installation

Repeat **Step 3** to install the passenger side Running Board .

STEP 8: Adjustment Running Board

- Level and adjust the assembled Running Board properly.
- Tighten all 6mm hardware with 6-7 ft-lbs torque and 8mm hardware with 16-18 ft-lbs torque.
- Once the Running Board are installed and all hardware fully tightened, reinstall the DEF tank and cover, if equipped, as described in **Step 4**. The installation is completed .

Attention

Do periodic inspections to the installation to make sure that all hardware is secure and tight.
In order to protect your bars/boards, please use mild soap/non-abrasive products for cleaning only.