

# Installation Instructions

I - Sheet Number I-PW013988 Rev. A



Premium Style. Lasting Performance.

For proper installation and best possible fit, please read all instructions BEFORE you begin.  
For technical assistance or to obtain missing parts, please call Customer Relations at 1-800-241-7219.

Para una instalación adecuada y el mejor ajuste posible, lea todas las instrucciones ANTES de comenzar.  
Para obtener asistencia técnica o para obtener piezas que faltan, por favor llame a Relaciones con el cliente en 1-800-241-7219.

Pour une installation correcte et le meilleur ajustement possible, s'il vous plaît lire toutes les instructions AVANT de commencer.  
Pour une assistance technique ou pour obtenir des pièces manquantes, s'il vous plaît communiquer avec les Relations à la clientèle au 1-800-241-7219.

## Care and Cleaning

- **Wash only with mild soap & dry with a clean cloth.**  
Lavar con jabón suave y seque con un paño limpio.  
Laver avec un savon doux et séchez avec un chiffon propre.
- **Every 3 months or 5000 miles check the cover tension and all components for tightness.**  
Revise cada 3 meses o 5,000 millas la tensión de la cubierta y todos los componentes estén ajustados.  
Vérifiez tous les 3 mois ou 5000 miles la tension couvercle et le serrage des composants.

## Congratulations!

You have purchased one of the many quality Lund® branded products offered by Lund International, Inc. We take the utmost pride in our products and want you to enjoy years of satisfaction from your investment. We have made every effort to ensure that your product is top quality in terms of fit, durability, finish and ease of installation.

Usted ha comprado uno de los muchos productos de calidad ofrecidos por Lund® de marca productos ofrecidos por Lund International, Inc. Tomamos el orgullo extremo en nuestros productos y queremos que disfrute durante años de su inversión. Hemos hecho todos los lo posible para que su producto es de calidad superior en cuanto a ajuste, durabilidad, acabado y facilidad de la instalación.

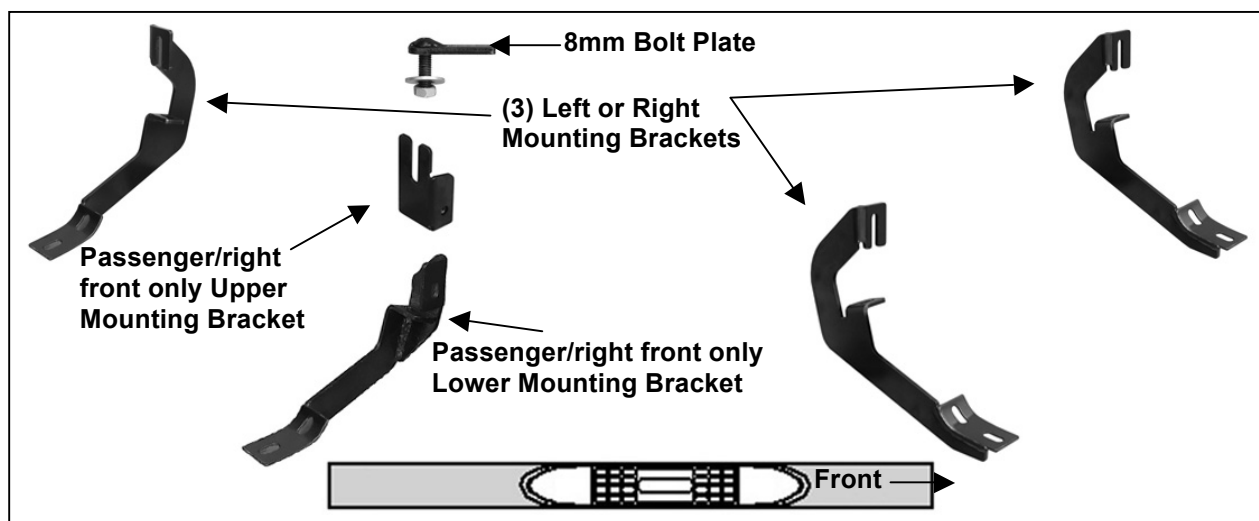
Vous avez acheté un des nombreux produits de qualité offerts par Lund® marque produits offerts par Lund International, Inc. Nous sommes extrêmement fiers de nos produits et souhaitons que vous tiriez des années de satisfaction de votre investissement. Nous avons pris toutes les efforts pour s'assurer que votre produit est de qualité supérieure en termes de durabilité, de finition et la facilité de l'installation.

# Installation Instructions

Part # 23948007/24048007

## PARTS LIST:

|   |   |    |                                       |
|---|---|----|---------------------------------------|
| 1 | Driver/left Sidebar                                 | 17 | 8-1.25mm x 25mm Hex Bolts             |
| 1 | Passenger/right Sidebar                             | 17 | 8mm x 24mm x 2mm Flat Washers         |
| 1 | Passenger/right Front Upper Bracket (all incl. DEF) | 17 | 8mm Lock Washers                      |
| 1 | Passenger/right Front Lower Bracket (all incl. DEF) | 1  | 8mm Bolt Plate                        |
| 3 | 5" Sidebar Brackets (use for left or right)         | 1  | 8mm Nylon Lock Nut (use w-bolt plate) |
| 7 | 8-1.25mm Clip-On Nuts                               |    |                                       |



## 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 tabs along the bottom edge of the body, (pinch weld). Mounting Brackets will bolt to the front and rear mounting tabs approximately 23-3/4" apart, (Figure 1). Directly above each tab is a top mounting location on the side of the body panel. Hold a Bracket and/or Sidebar 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 tab. Repeat for each mounting location.

**Top mounting location on the side of the body panel.**

**Models with factory installed threaded insert in body panel:**

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:** (3) Brackets are universal, (2) will be used on the driver side and (1) will install in the passenger rear location. 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). Snug but do not fully tighten the hardware.

4. Repeat **Steps 1—3** to install the driver side rear Bracket.
5. Select the driver/left sidebar. Carefully position the Driver Sidebar onto the (2) Mounting Brackets.  
**IMPORTANT:** Do not slide, (front to back or rotate), the Sidebar on the Brackets or damage to the finish on the Sidebar may result. Attach the Sidebar to the Mounting Brackets with (4) 8mm x 25mm Hex Bolts, (4) 8mm Lock Washers and (4) 8mm Flat Washers, (**Figure 8**). Do not tighten hardware.
6. Level and adjust the Sidebar and tighten all hardware.
7. 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 9 & 10**).

**Models without DEF tank, skip to Step 8.**

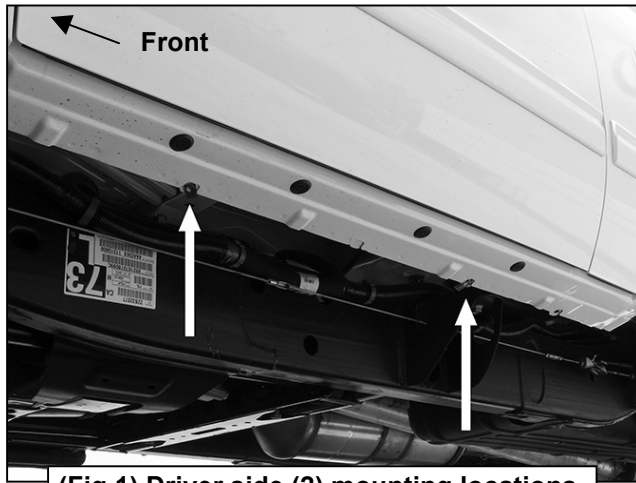
**Models with DEF tank:** The tank sits close to the side of the body. With specialized tools, the passenger front upper and lower Bracket can be installed but room is limited. It may be easier to drop the tank down to access the inner side of the body panel for upper bracket installation. Tank will 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 tank, remove the (3) hex bolts attaching the tray to the frame, (**Figure 9**), and remove tray. **2017 2500/3500 models:** Remove the (4) hex bolts attaching the plastic cover to DEF tank, (**Figure 10A**) and remove plastic cover, (**Figure 10B**).
- 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 11**). 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 8**.
8. Locate the first tab on the edge of the pinch weld, (**Figures 2—4, 13 & 15**). Select the Upper Bracket, (**Figure 12**). Repeat **Steps 2 & 3** to attach the passenger front Upper Bracket to the side of the body panel, (**Figure 13**). Do not tighten hardware at this time.
9. 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 13**). 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 16 & 19**). 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 14 & 15**). 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 16 & 19**). Leave loose at this time.
10. 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 19**). Leave loose at this time.
11. Repeat **Steps 1—3** to install the passenger side rear Bracket. **NOTE:** Cradles on Brackets installed on passenger side will face forward.
  - a. **2017 2500/3500 DEF tank models:** Locate the 2nd tab bracket location along the bottom edge of the body, (pinch weld). Hold the DEF cover in place and mark the 2nd Bracket location onto the cover, (**Figure 17**). Use a sharp knife or hacksaw blade to carefully cut a slot in the plastic cover to clear the 2nd Bracket, (**Figure 18**). Remove as little plastic as possible.
12. Repeat **Steps 5 & 6** to install the passenger Sidebar, (**Figure 20**).
13. Once the Sidebars are fully installed and all hardware fully tightened, reinstall the DEF tank and cover, if equipped, as described in **Steps 7 & 11**.
14. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

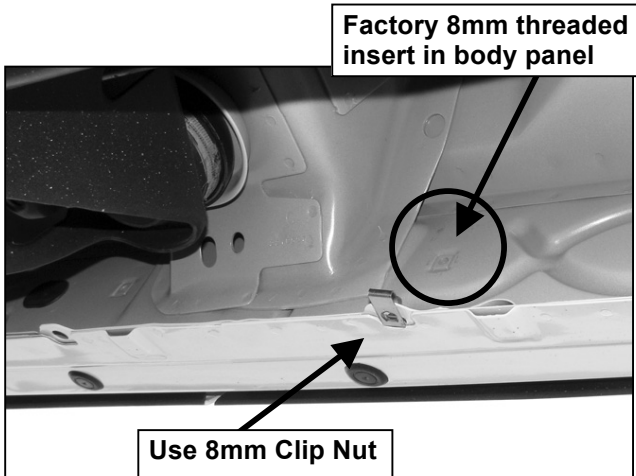
**To protect your investment,** wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

**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 Sidebar. **For gloss black finishes:** Mild soap may be used to clean the Sidebar.

### Driver/Left Side Installation Pictured



(Fig 1) Driver side (2) mounting locations



(Fig 3) Example of factory hole in flat mounting tab and threaded hole in body panel

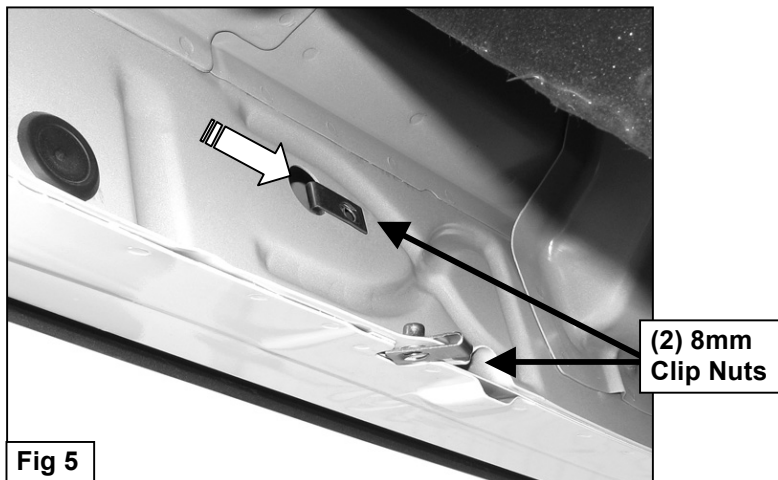
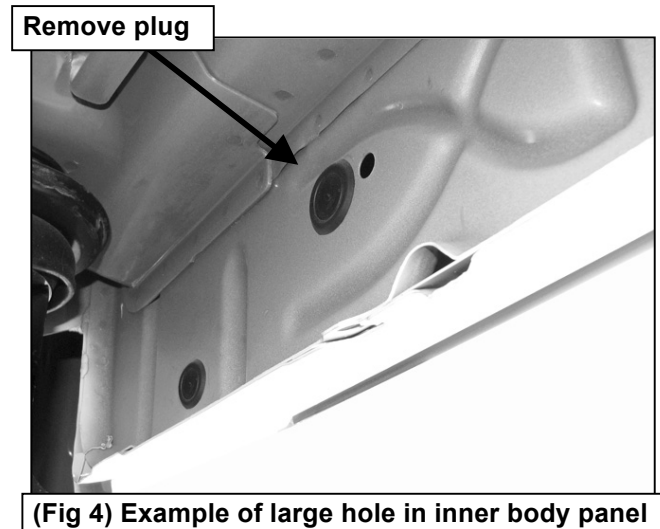
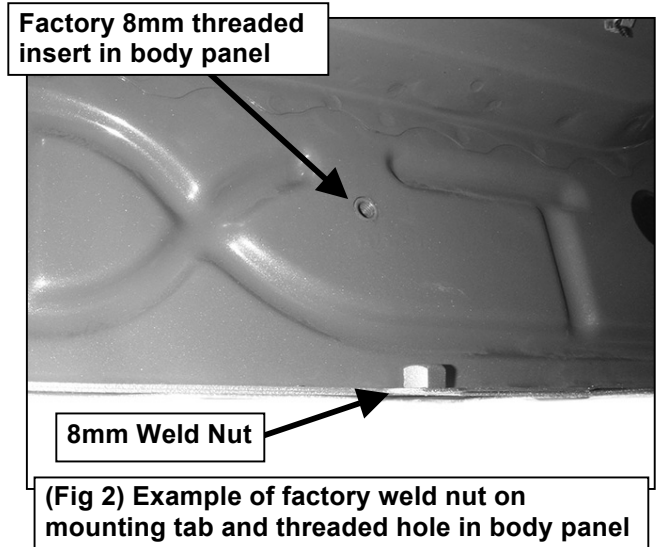
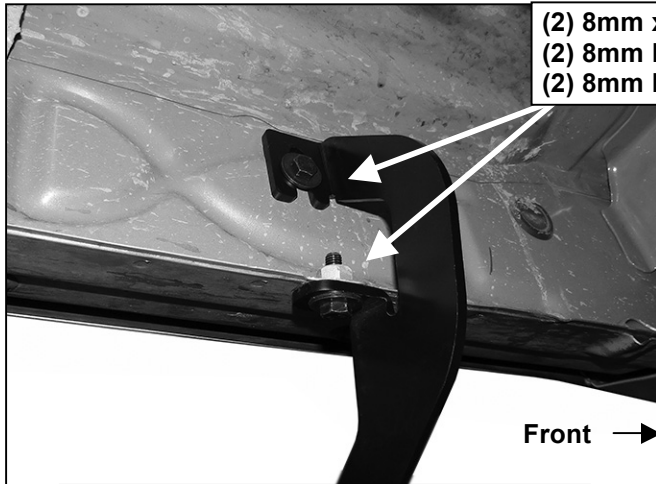


Fig 5

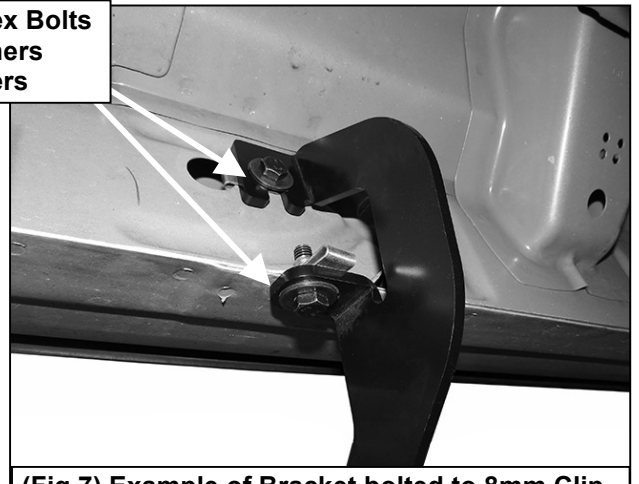


(Fig 4) Example of large hole in inner body panel

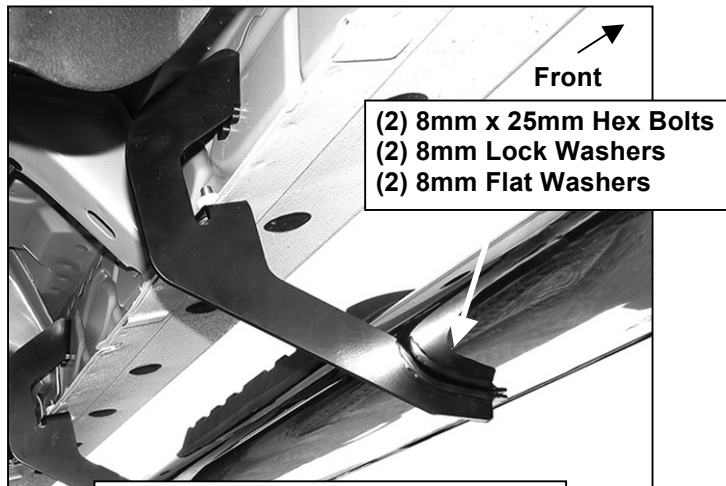
### Driver/Left Side Installation Pictured



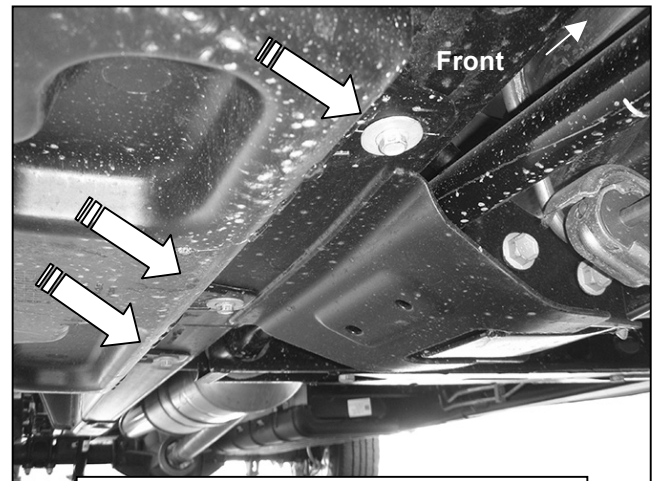
(Fig 6) Driver/left front bracket installed



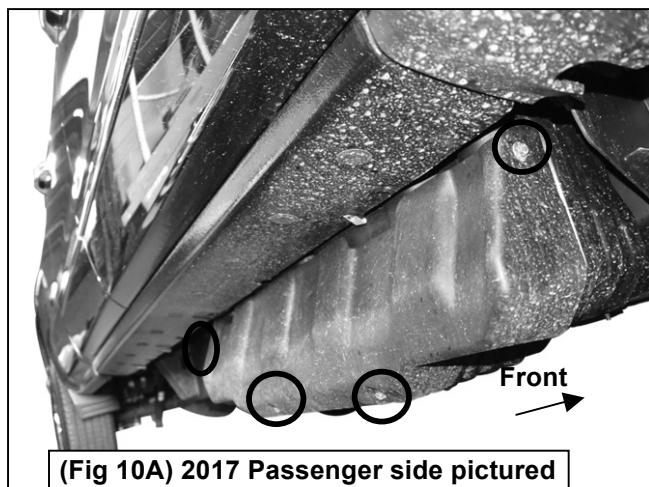
(Fig 7) Example of Bracket bolted to 8mm Clip Nuts on mounting tab and inner body panel



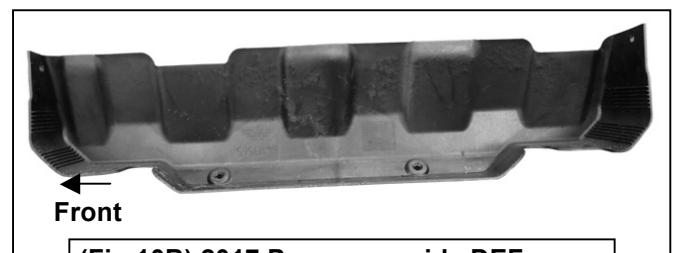
(Fig 8) Driver/left brackets installed



(Fig 9) 07-16 Passenger side front pictured with DEF tank cover. Remove (3) hex bolts to remove cover



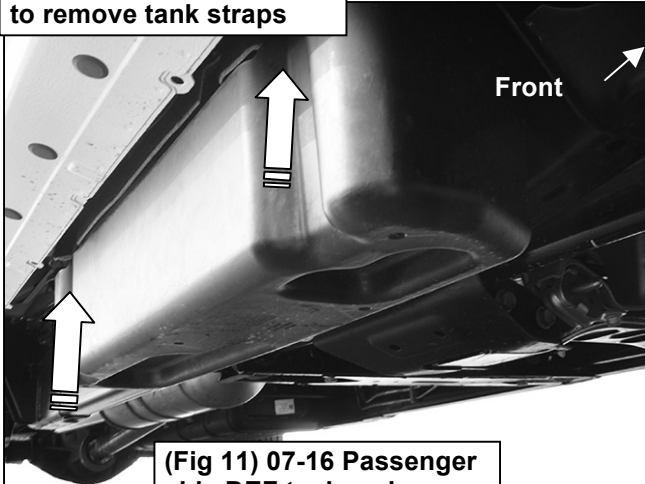
(Fig 10A) 2017 Passenger side pictured with DEF plastic tank cover. Remove (4) hex bolts to remove plastic cover



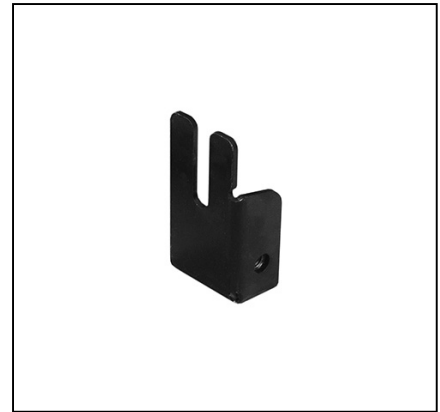
(Fig 10B) 2017 Passenger side DEF cover

## Passenger/right Side Installation Pictured

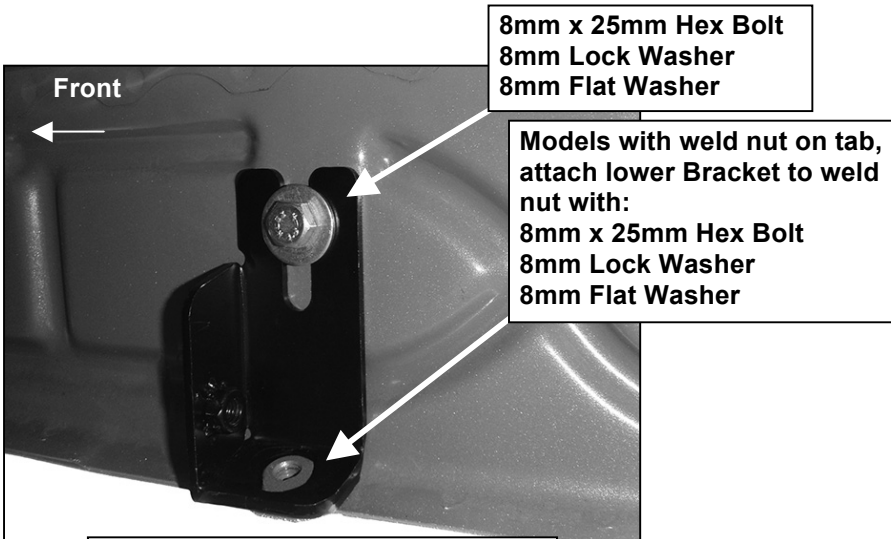
Remove (2) factory bolts  
to remove tank straps



(Fig 11) 07-16 Passenger  
side DEF tank and cover



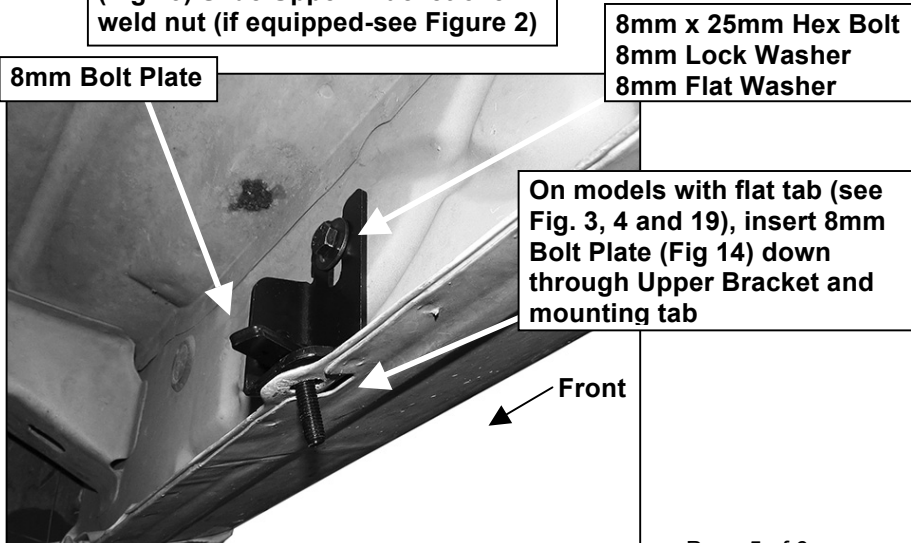
(Fig 12) Passenger/right Front  
Upper Bracket (all models)



(Fig 13) Slide Upper Bracket over  
weld nut (if equipped-see Figure 2)



(Fig 14) 8mm x 35mm  
Bolt Plate



**Fig 15**

**(Fig 16) Passenger/right Front  
Lower Bracket (all models)**

**Passenger/Right Side Installation Pictured**



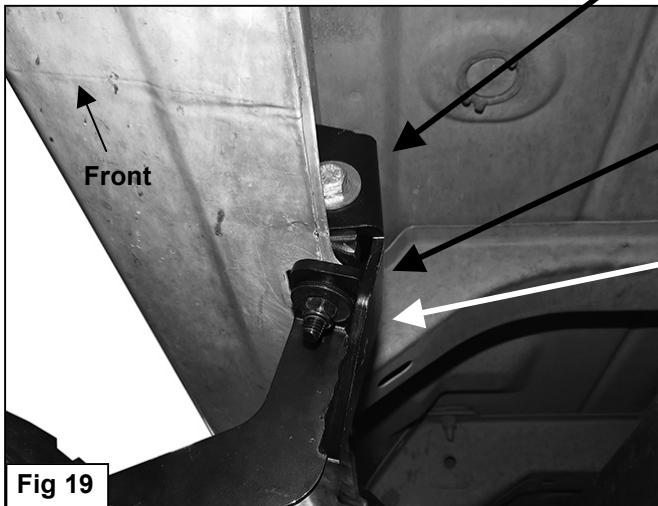
**(Fig 17) 2017 Passenger side  
DEF cover marked for trimming**

mark pictured is  
approximately  
70mm x 10mm



**(Fig 18) 2017 Passenger side  
DEF cut for example only**

**All models use:**  
8mm x 25mm Hex Bolt  
8mm Lock Washer  
8mm Flat Washer



**Fig 19**

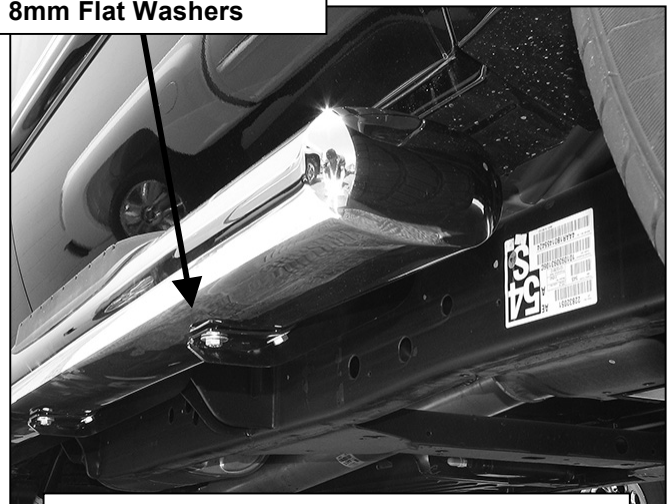
**On models with flat tab and 8mm Bolt  
Plate (see Fig. 15) use:**  
8mm Flat Washer  
8mm Nylon Lock Nut  
to attach Lower Bracket to Bolt Plate

**Models with weld nut on tab use:**  
8mm x 25mm Hex Bolt  
8mm Lock Washer  
8mm Flat Washer  
to bolt Lower Bracket to weld nut

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



**Complete  
Installation**



**(Fig 20) Passenger side installation pictured**