



COBRA RUNNING BOARD

PART #: TAC-FWB-004

FITS: 2011-2019 Ford Explorer



90-180 min



Cutting Not Required



Drilling Required

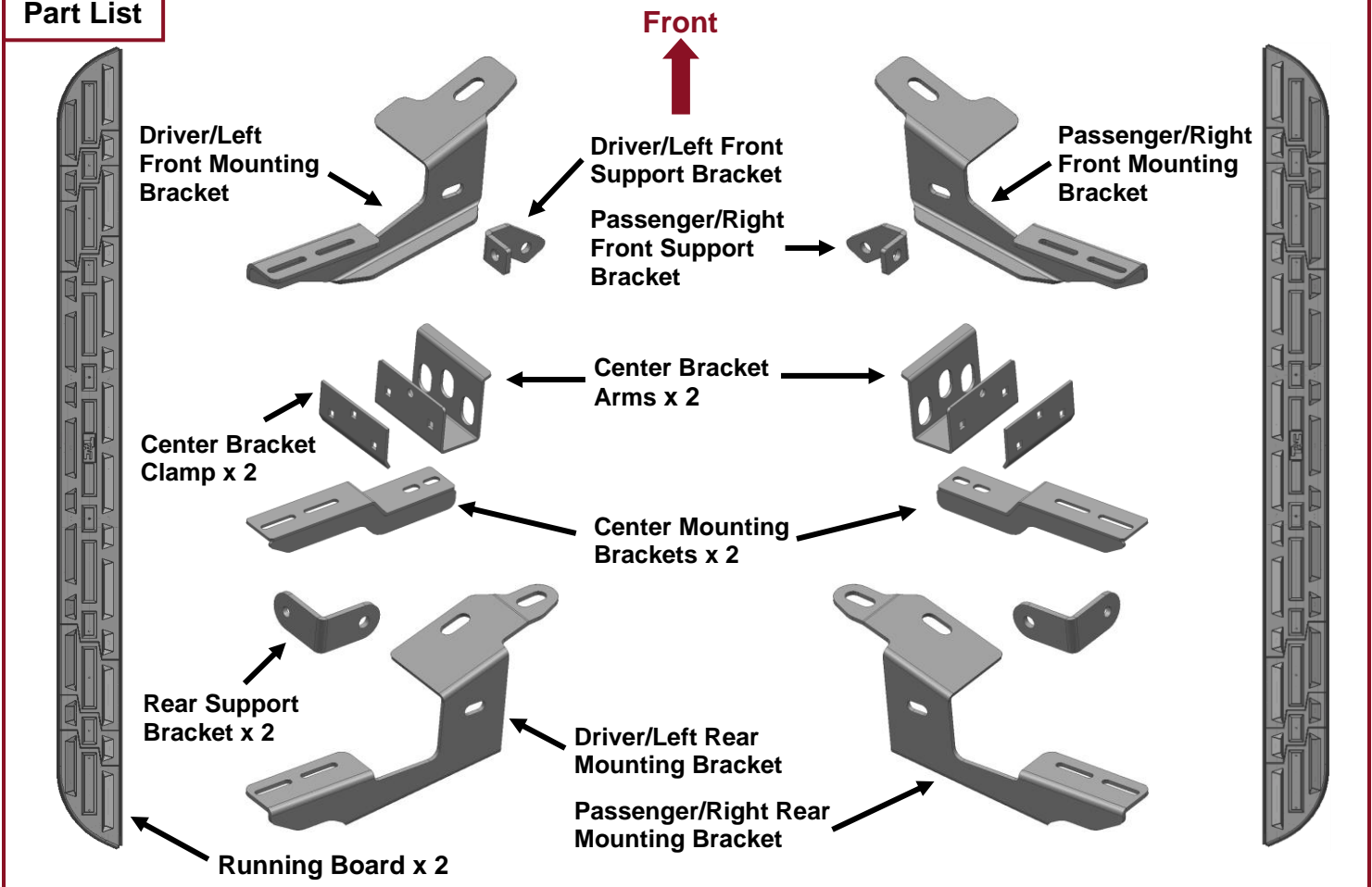
Torque & Tools

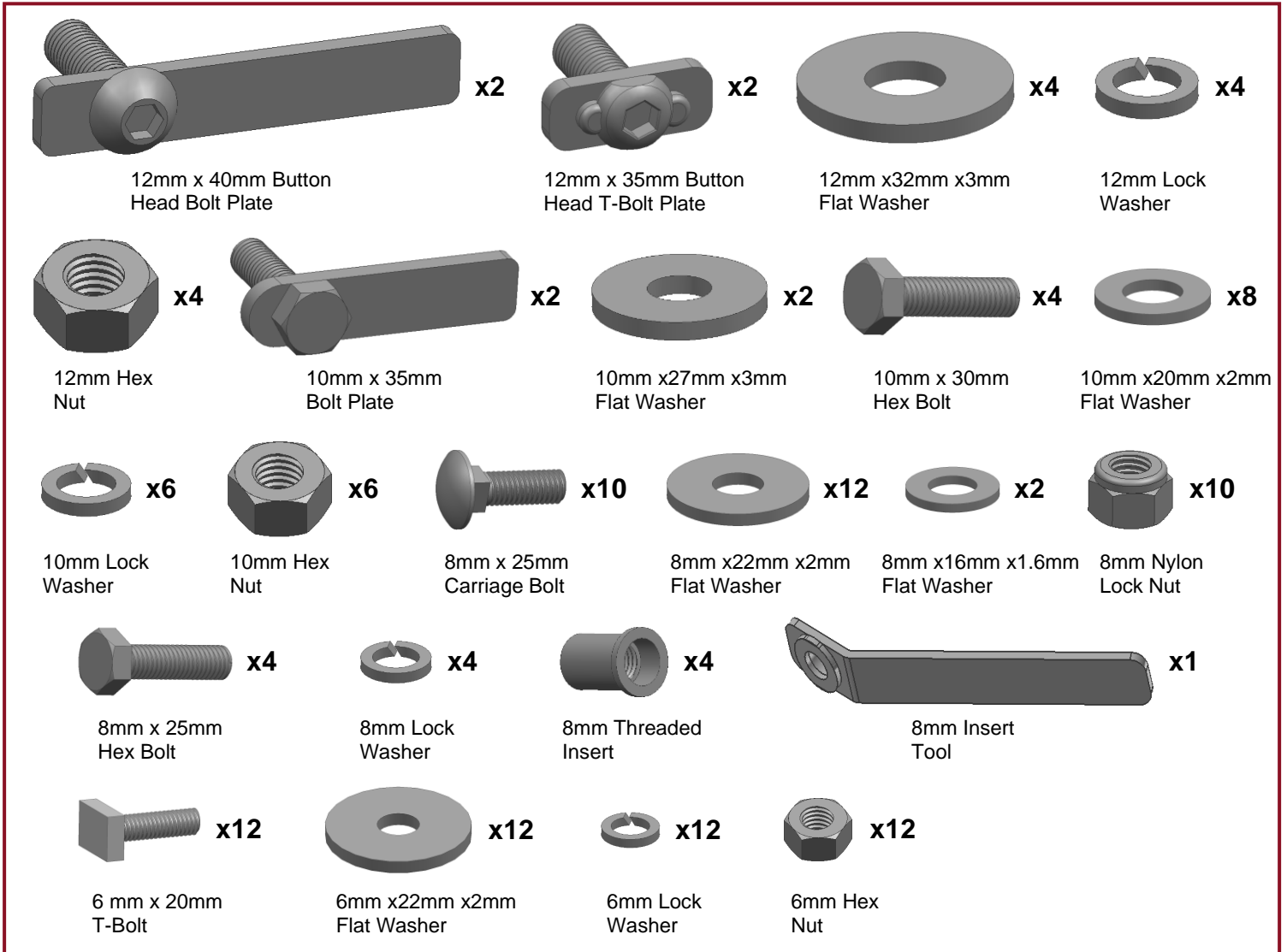
Fastener Size	Tightening Torque (ft-lbs)	Wrench Required		Allen Wrench Included	
			10mm		<input type="checkbox"/> 4mm
6mm	7-8.5		13mm		<input type="checkbox"/> 5mm
8mm	18-20		16mm		<input type="checkbox"/> 6mm
10mm	35-40		18mm		<input type="checkbox"/> 8mm
12mm	60-70				

BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING IS REQUIRED. ASSISTANCE IS RECOMMENDED.

Part List

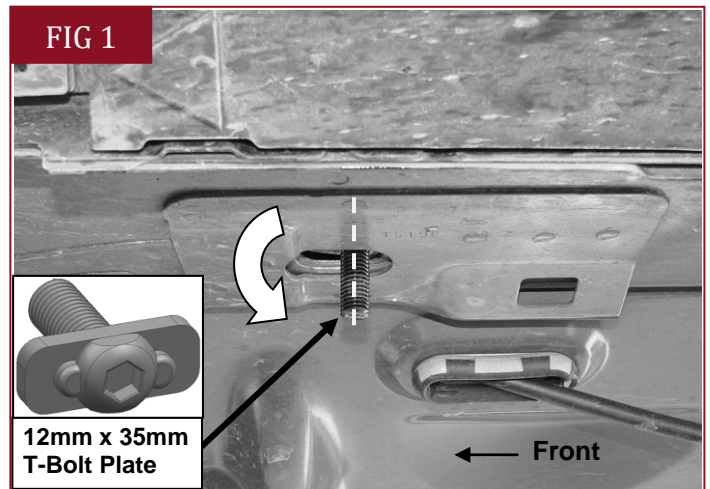




PLEASE NOTE THAT THE FOLLOWING PICTURES ARE BASED ON THE DRIVER SIDE INSTALLATION

STEP 1

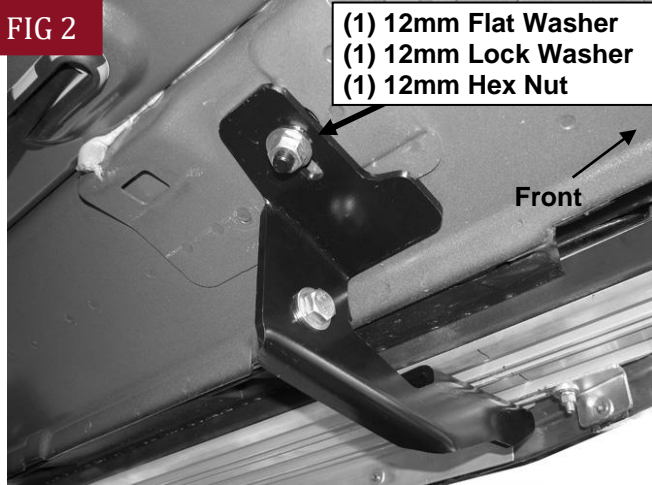
Start installation under the driver side of the vehicle. Select (1) 12mm x 35mm Button Head T-Bolt Plate and insert it into the factory oval hole in the floor panel, **(Fig 1)**. Rotate the Bolt Plate 90-degrees so that the plate is across the oval hole. Select the driver side front Mounting Bracket. Hang the Bracket from the Bolt Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Fig 2)**.



(Fig 1) Insert (1) 12mm x 35mm Button Head T-Bolt Plate into the front mounting oval hole

NOTE: Make sure that the mounting flange on the front Bracket is lined up properly with the indent in the floor panel. The front Mounting Bracket must sit flat against the floor panel. Do not tighten hardware at this time.

FIG 2



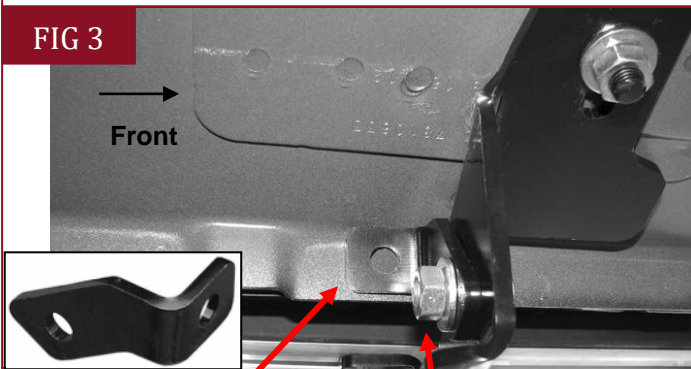
- (1) 12mm Flat Washer
- (1) 12mm Lock Washer
- (1) 12mm Hex Nut

(Fig 2) Attached front Bracket to the T-Bolt Plate

STEP 2

Select the driver side front Support Bracket, (Fig 3). Bolt the Support Bracket to the back of the front Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm x 20mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, (Fig 3). Line up the mounting tab on the Support Bracket with the back of the pinch weld. Do not tighten hardware at this time.

FIG 3



Driver side front Support Bracket

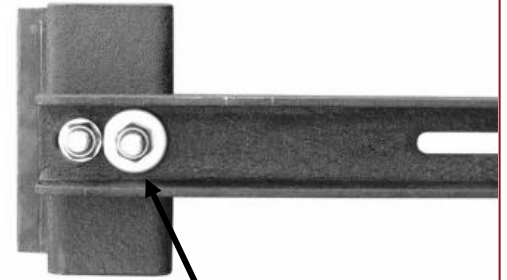
- (1) 10mm x 30 Hex Bolt
- (2) 10mm x 20mm Flat Washers
- (1) 10mm Lock Washer
- (1) 10mm Hex Nut

(Fig 3) Attached Driver Side Support Bracket to the Mounting Bracket.

STEP 3

Select (1) center Mounting Bracket, Clamp and Arm. Bolt the Arm to the bottom of the center Bracket with (2) 8mm Carriage Bolts, (1) 8mm x 22mm Large Flat Washer (outer), (1) 8mm x 16mm STD Flat Washer (inner), and (2) 8mm Nylon Lock Nuts, (Fig 4).

FIG 4



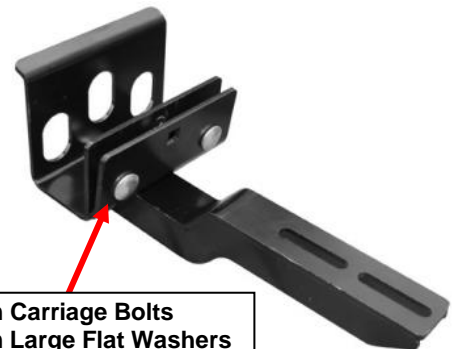
- (2) 8mm x 25mm Carriage Bolts
- (1) 8mm x 16mm STD Flat Washers (inner)
- (1) 8mm x 22mm Large Flat Washers (outer)
- (2) 8mm Nylon Lock Nuts

(Fig 4) Attached Center Bracket Arm to the Center Mounting Bracket

STEP 4

Bolt the Clamp Plate to the outside of the center Bracket with (2) 8mm Carriage Bolts (insert through Plate and the Bracket), (2) 8mm x 22mm Large Flat Washers and (2) 8mm Nylon Lock Nuts, (Fig 5). Do not tighten hardware at this time.

FIG 5



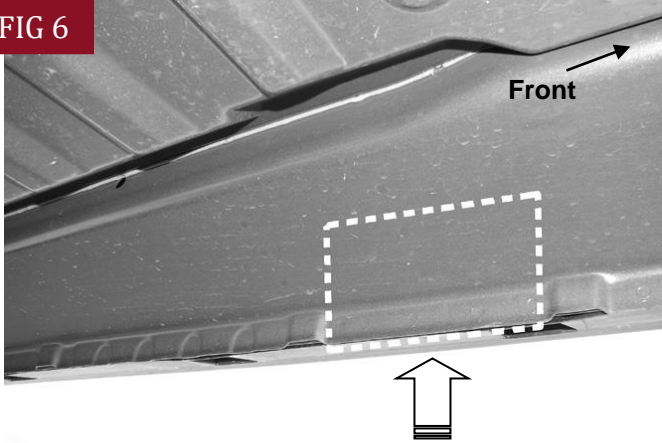
- (2) 8mm x 25mm Carriage Bolts
- (2) 8mm x 22mm Large Flat Washers
- (2) 8mm Nylon Lock Nuts

(Fig 5) Attached Center Bracket Clamp to the Center Bracket Arm

STEP 5

IMPORTANT: Select a location for the center Bracket along the pinch weld, mid way between the front and rear Brackets where the seam is as flat as possible, (Fig 6). Do not install the Bracket over any of the drip channels in the pinch weld. Once an appropriate location has been found, slide the outer Clamp Plate and Bracket over the pinch weld with the back part of the Bracket tight against the floor panel, (Fig 7). Tighten the (2) 10mm Lock Nuts to tighten the Clamp on the pinch weld, (Fig 8). Do not fully tighten at this time.

FIG 6



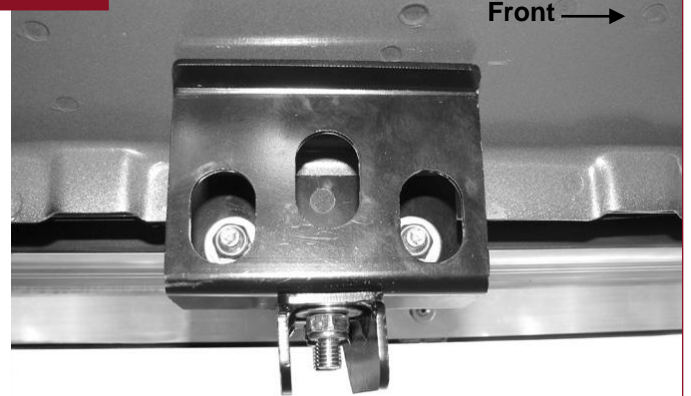
(Fig 6) Location for the center Bracket

FIG 7



(Fig 7) Attached whole Center Bracket to the center mounting location

FIG 8

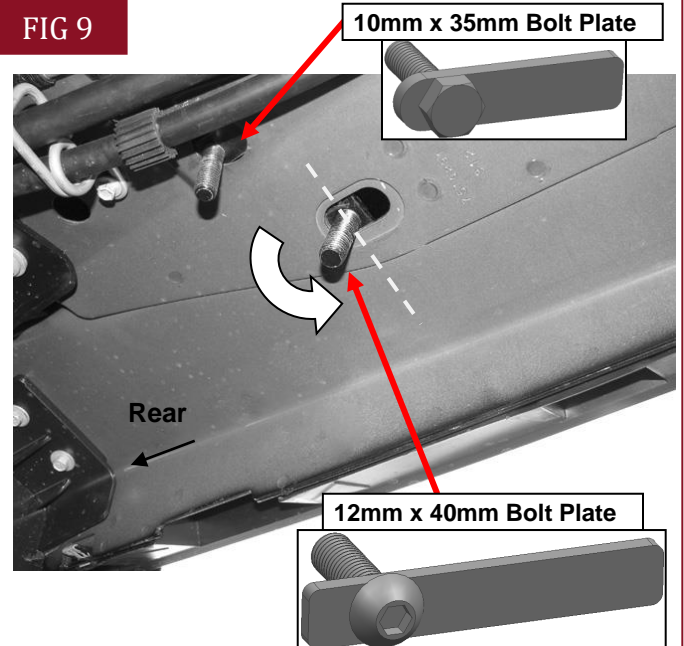


(Fig 8) Center Bracket Attached

STEP 6

Move toward the rear location. Locate the oval and round holes in the floor panel toward the rear of the vehicle. Insert (1) 10mm x 35mm Bolt Plate into the round hole. Insert (1) 12mm x 40mm Long Bolt Plate into the oval hole next to the pinch weld, (Fig 9). Rotate the 12mm Bolt Plate 90-degrees so that the plate is across the oval hole.

FIG 9



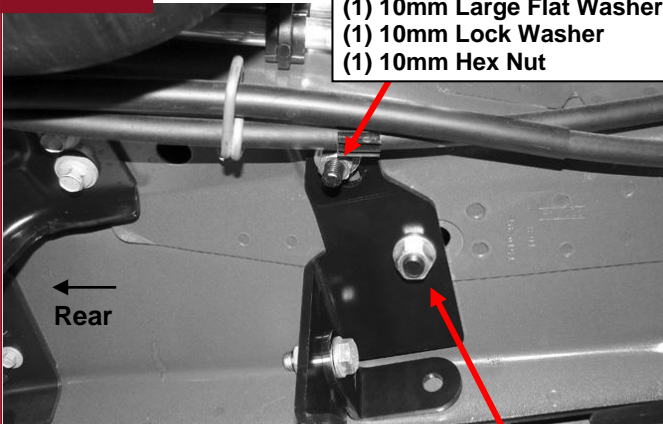
(Fig 9) Insert the Bolt Plates into the holes on rear mounting location

STEP 7

Position the Rear Mounting Bracket over the (2) Bolt Plates. Secure the Bracket to the 12mm Bolt Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut. Bolt the Bracket to the 10mm Bolt Plate with (1) 10mm x 27mm OD Large Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Fig 10)**. Snug hardware but do not tighten at this time.

FIG 10

(1) 10mm x 35mm Bolt Plate
(1) 10mm Large Flat Washer
(1) 10mm Lock Washer
(1) 10mm Hex Nut



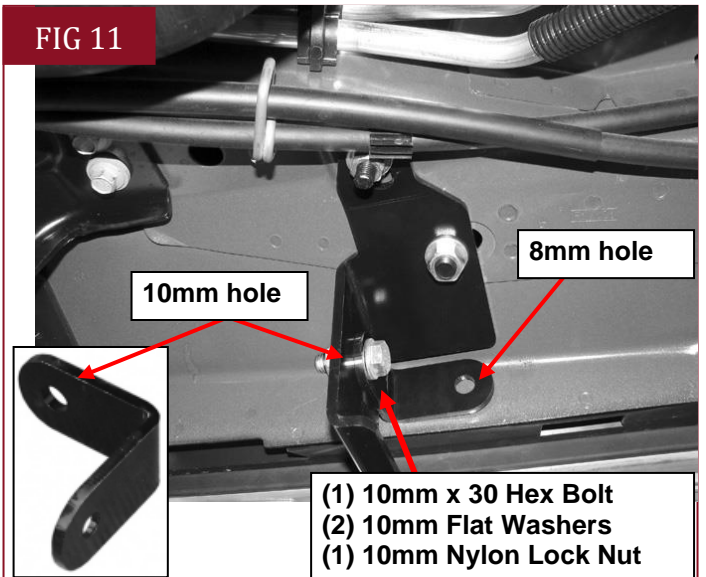
(1) 12mm x 40mm Long Bolt Plate
(1) 12mm Flat Washer
(1) 12mm Lock Washer
(1) 12mm Hex Nut

(Fig 10) Attached the Rear Bracket to the rear mounting location

STEP 8

Next, select (1) "L" rear Support Bracket, **(Fig 11)**. Bolt the Support Bracket to the front facing side of the rear Mounting Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm x 20mm STD Flat Washers and (1) 10mm Nylon Lock Nut, **(Fig 11)**. Do not tighten hardware at this time.

FIG 11

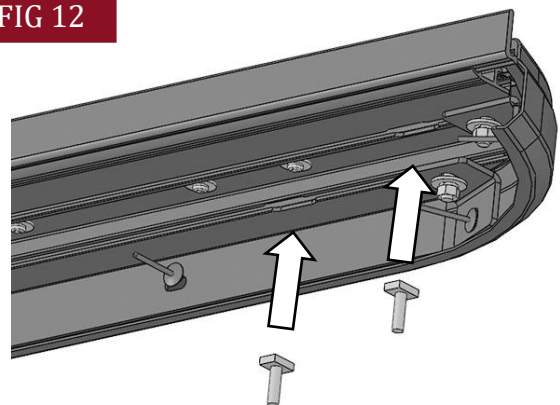


(Fig 11) Attached Rear Support Bracket to the Rear Mounting Bracket

STEP 9

Select the (1) Running Board. From the front end of the Board, slide (3) 6mm T-Bolts into each channel on the bottom of the Board, **(Fig 12)**. Slide the T-Bolts into place in line with the (3) Brackets and place the Board onto the Brackets. Attach the T-Bolts to the Brackets with (6) 6mm Flat Washers, (6) 6mm Lock Washers and (6) 6mm Hex Nuts. Snug but do not tighten hardware.

FIG 12



(Fig 12) Insert (6) T-Bolts into the bottom of the Running Board, (3) per channel

STEP 10

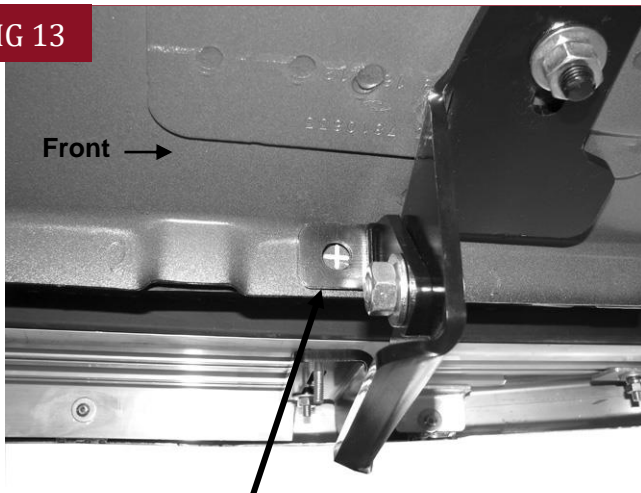
Level and adjust the Running Board and tighten the Bracket to Bolt Plate hardware only.

IMPORTANT: Do not tighten the front and rear Support Bracket hardware at this time.

STEP 11

Return to the driver side front Bracket and Support Bracket. Hold the front Support Bracket firmly against the back of the pinch weld. Mark the mounting hole location onto the back of the pinch weld, (Fig 13).

FIG 13



(Fig 13) Mark Support Bracket location onto pinch weld

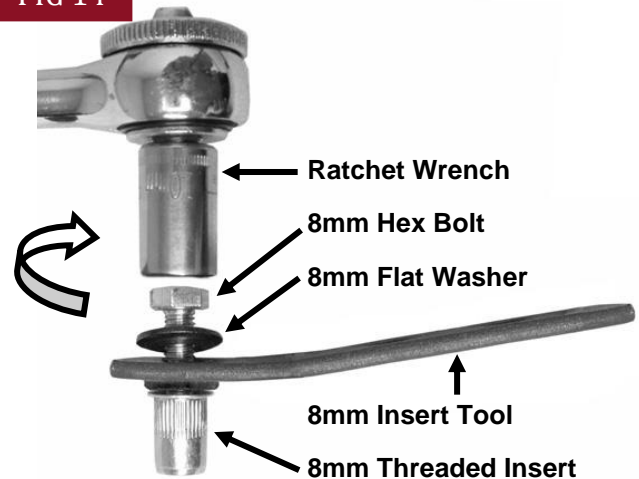
STEP 12

Check the running board for level before proceeding. Carefully drill this location with a 7/16" drill bit. Do not drill and install the Insert until after the running board has been completely installed, checked for level and aligned on the vehicle. **CAUTION:** Do not drill the hole too close to the bottom edge of the pinch weld. Remove the driver side Front Support Bracket.

STEP 13

Select (1) 8mm Insert Tool, (1) 8mm Threaded Insert, (1) 8mm x 25mm Hex Bolt and (1) 8mm Flat Washer. Assemble the Threaded Insert Installation Tool as pictured in Fig 14. Hold the handle and push the Insert into the drilled hole in the pinch weld. **NOTE:** Insert must fit snug in hole. If necessary, use a small hammer to carefully tap the Insert into the hole until the rim on the insert is flush against the pinch weld. Firmly hold the tool handle and tighten the Hex Bolt in the Tool to expand the Insert in the hole. Continue until threads are pulled up to the top of the Insert, (Fig 15). Remove the Tool and hardware. Bolt the Support Bracket to the Threaded Insert with (1) 8mm x 25mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer, (Fig 16). Tighten hardware at this time.

FIG 14



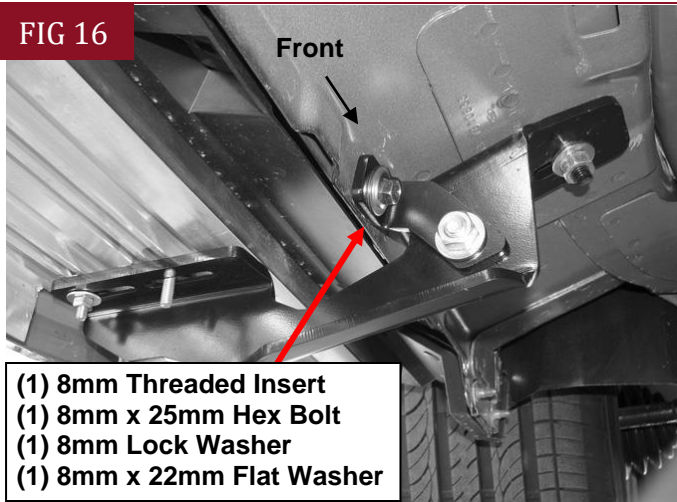
(Fig 14) Insert Tool assembled

FIG 15



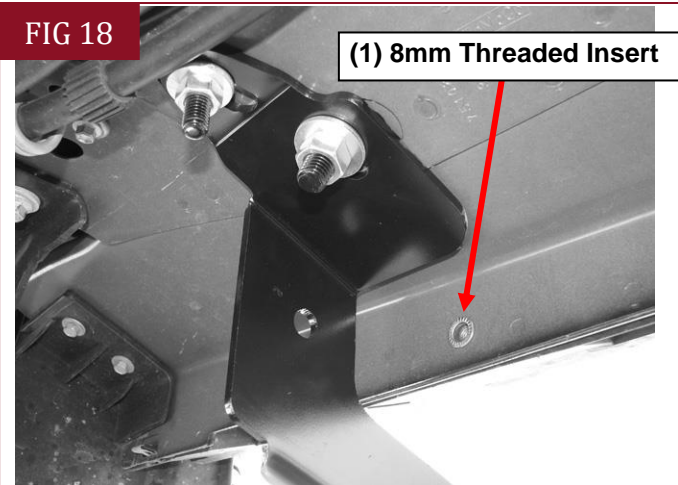
(Fig 15) Properly installed Insert

FIG 16



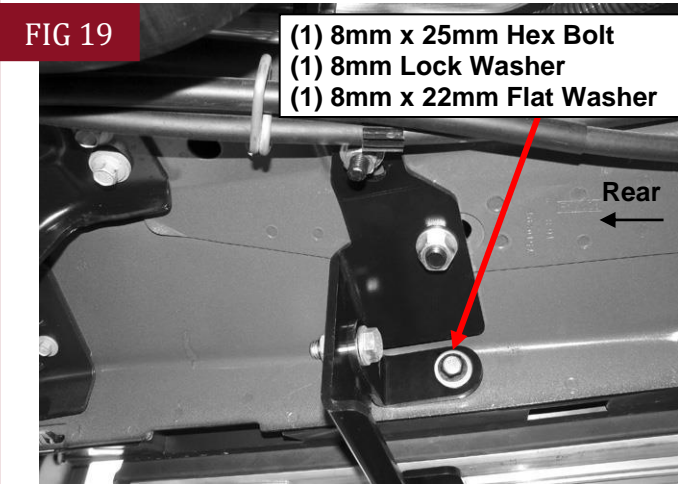
(Fig 16) Driver side Front Support Bracket Attached

FIG 18



(Fig 18) Driver side rear Bracket pictured

FIG 19

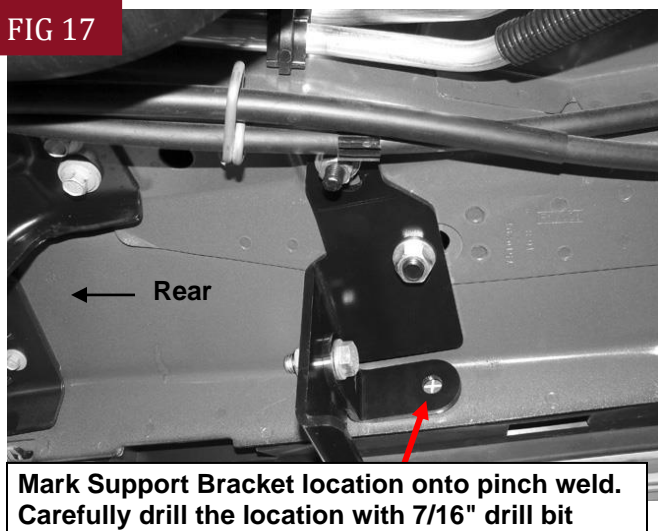


(Fig 19) Driver side Rear Support Bracket attached

STEP 14

Move to the driver side rear Mounting Bracket. Hold the "L" Support Bracket firmly against the back of the pinch weld. Repeat **Steps 11 - 13** to mark and drill the pinch weld and install the Threaded Insert, (**Figs 17 & 18**). Reinstall the Support Bracket. Bolt the Support Bracket to the Insert with (1) 8mm x 25mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Lock Washer, (**Fig 19**). Tighten hardware at this time. Tighten the front and rear Bracket hardware only at this time.

FIG 17

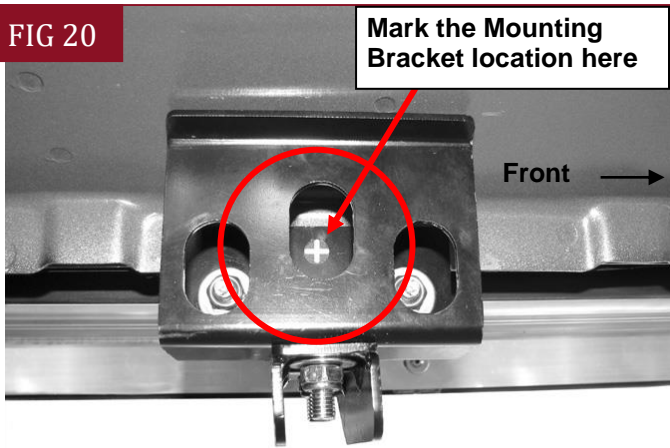


(Fig 17) Driver side rear Bracket pictured

STEP 15

Move to the center Bracket. Loosen the (2) clamp bolts and push the Bracket assembly up against the floor panel. Mark the location of the mounting hole onto the back of the pinch weld, (**Fig 20**). Check the Running Board alignment before proceeding. Remove the Running Board and Center Bracket. Drill a **5/16"** hole through the pinch weld at the previous mark. **IMPORTANT:** Do not drill too close to the edge of the pinch weld.

FIG 20

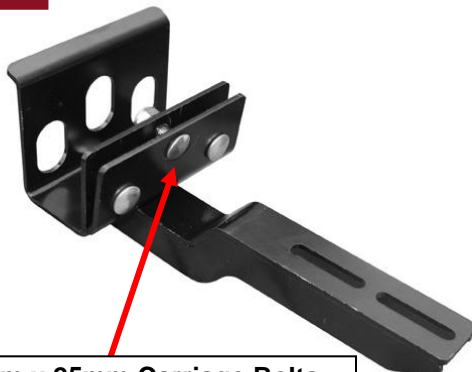


(Fig 20) Driver side center Bracket pictured

STEP 16

Reinstall the center Bracket assembly, (Figs 21 & 22). Line up the outer Clamp Plate with the drilled hole. Pull the plastic cover back a little, (Fig 22), and insert (1) 8mm Carriage Bolt through the center hole in the Outer Clamp Plate, the drilled hole and into the Bracket. **IMPORTANT:** Release the factory plastic clips in the bottom of the plastic rocker cover for easier installation of the 8mm Carriage Bolt, (Fig 22). Secure the Bracket to the center bolt with (1) 8mm Flat Washer and (1) 8mm Nylon Lock Nut, (Figs 23 & 24).

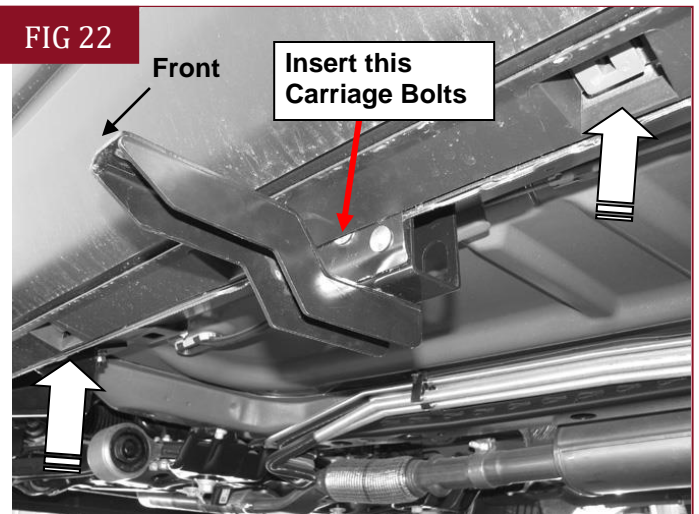
FIG 21



(1) 8mm x 25mm Carriage Bolts
 (1) 8mm x 22mm Flat Washers
 (1) 8mm Nylon Lock Nuts

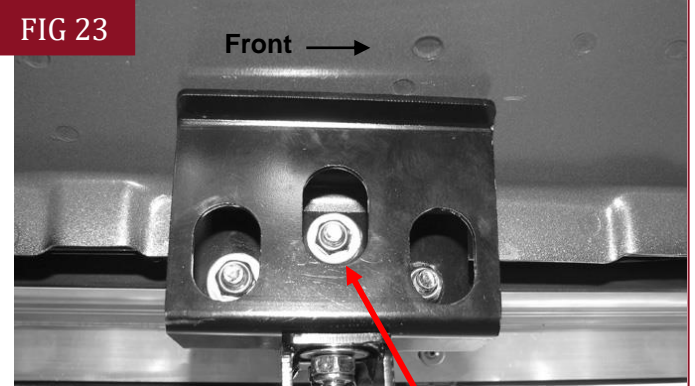
(Fig 21) Driver side center Bracket pictured

FIG 22



(Fig 22) Release clips securing plastic cover to inner rocker panel (see arrows) to insert Carriage Bolt into center (drilled) hole.

FIG 23



(3) 8mm x 25mm Carriage Bolts
 (3) 8mm x 22mm Flat Washers
 (3) 8mm Nylon Lock Nuts

(Fig 23) Driver side Center Bracket attached

FIG 24

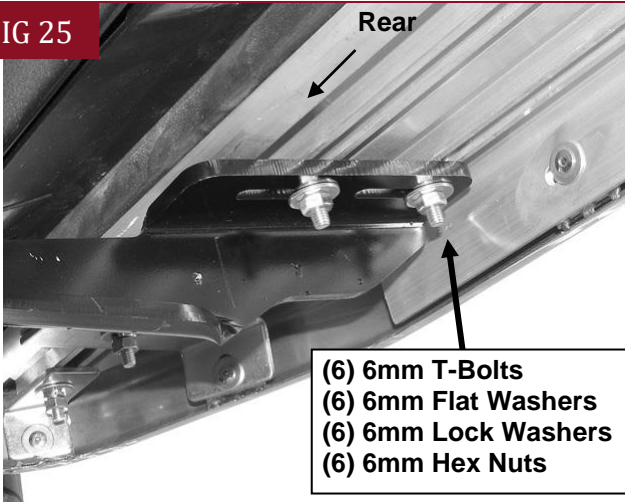


(Fig 24) Driver side Center Bracket attached

STEP 17

Reinstall the Running Board as described in **Step 9, (Figs 25)**. Check alignment, adjust as necessary and fully tighten all hardware.

FIG 25



(Fig 25) Attach the running board to the Brackets

STEP 18

Repeat **Steps 1 - 17** for passenger/right Running Board installation.

STEP 19

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

Attention

To protect your investment, do not use any type of polish or wax that may contain abrasives that could damage the finish.

Mild soap may be used also to clean the Running Boards.