IN650

2015-Current FORD TRANSIT

148” Wheel Base Models
Bracket kit # **10-1356**

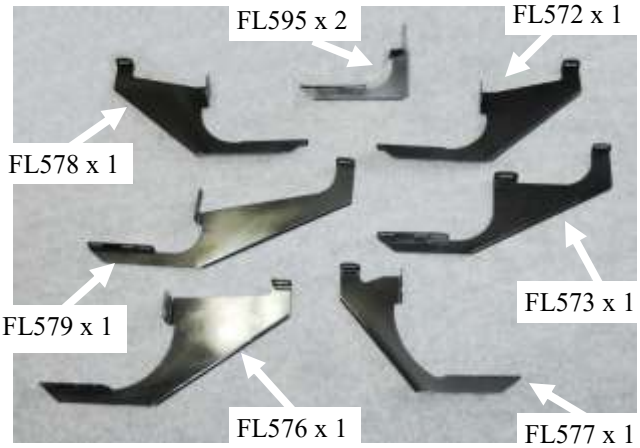
09/05/17

Tools Required

- 1/2” Socket
- 1/2” Wrench
- Ratchet
- 13mm Socket
- 7/16” Socket
- Drill w/ 3/8” Nut Driver
- Tape Measure

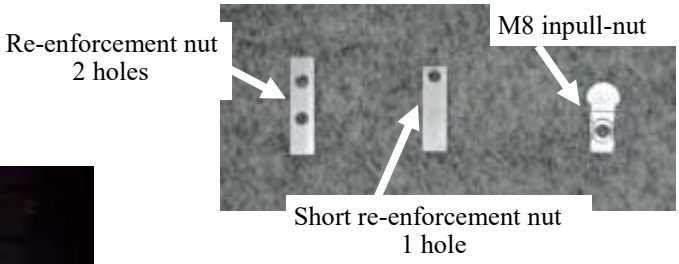
Hardware Included

- BRACKETS SHOW ON RIGHT
- 1– BOLT PACK



Estimated time of Installation:
30 minutes

Torque Specification:
5/16” Bolts - 19 Ft Lbs.
M8 Bolt - 11 Ft Lbs.

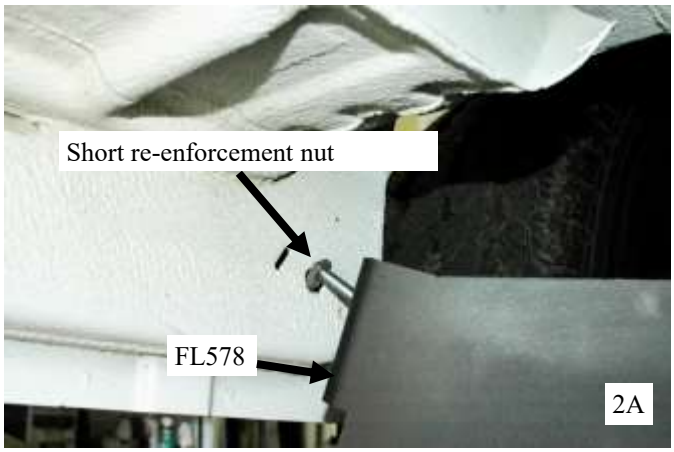


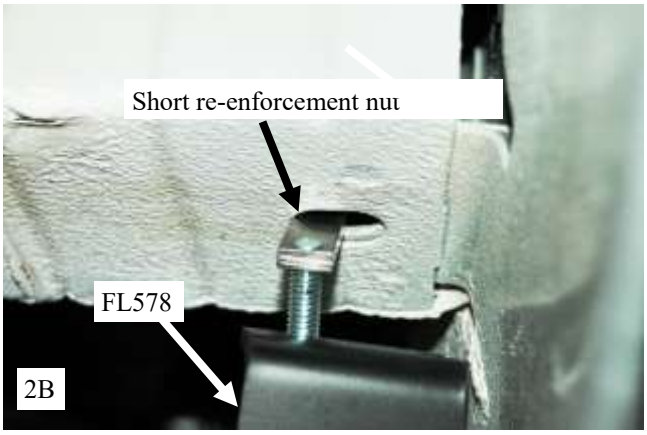
Measuring from the front wheel well back, **Fig 1** mark the following locations on the pinch weld. There will be factory holes in line with these marks that will be used to mount the running board brackets

These are the lower mount of the bracket located lower rear rocker

Driver side Positions: 1st = 4”, 2nd = 23-1/2”
Passenger side Positions: 1st = 4”, 2nd = 32 ”, 3rd = 42-3/4” 4th = 68-1/2” 5th = 90” 6th = 111”

These are for the upper mount of the bracket located on vehicle
Driver side Positions: 1st = 4”, 2nd = 24”
Passenger side Positions: 1st = 4”, 2nd = 32 ”, 3rd = 42-3/4” 4th = 68-1/2” 5th = 90” 6th = 111”





SHOWN WITH REAR AIR

2) <u>Install FL578 in 1st location</u>
<u>Driver side</u>

Note:
Bend flange out of way so FL 578 top flange will fit up against the cross brace coming from main frame rail . (Fig 2C)

Insert a 5/16" x 1-1/2" bolt through both slot on the FL578 and thread into <u>short</u> re-enforcement nut only engaging a couple threads.
Slide <u>short</u> re-enforcement nut into the lower slot located on the rear rocker panel. **Fig 2A**
Slide <u>short</u> re-enforcement nut into the slot located on the frame cross brace. **Fig 2B**
Snug up bracket to the body of vehicle but leave all bolts and nuts loose at this time.

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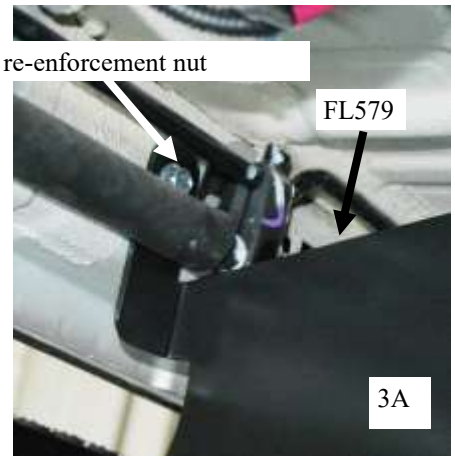
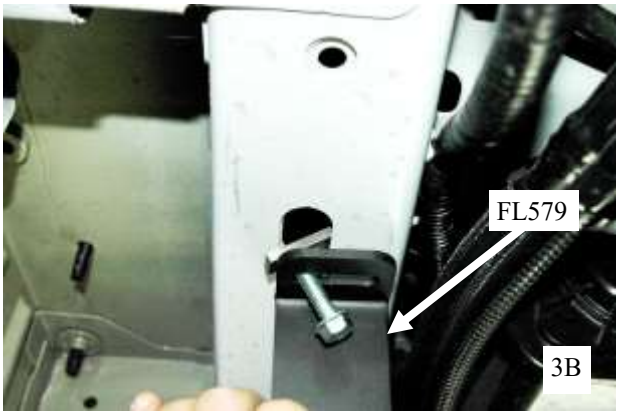
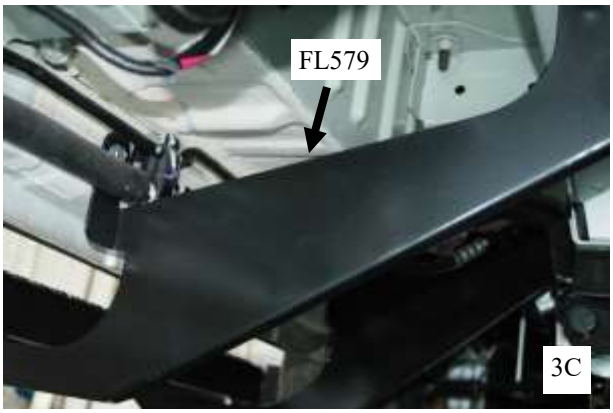
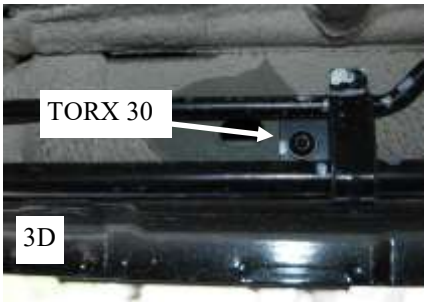






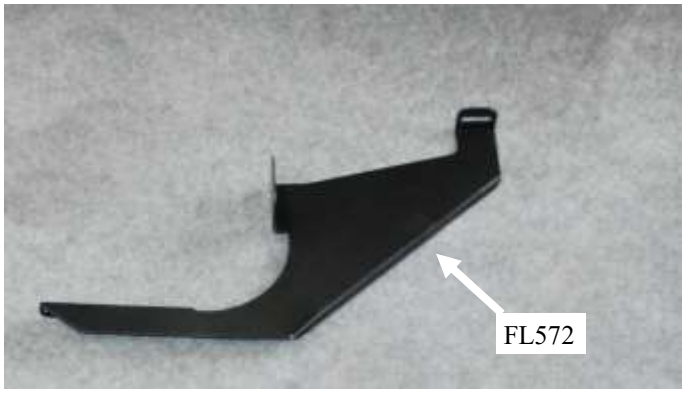


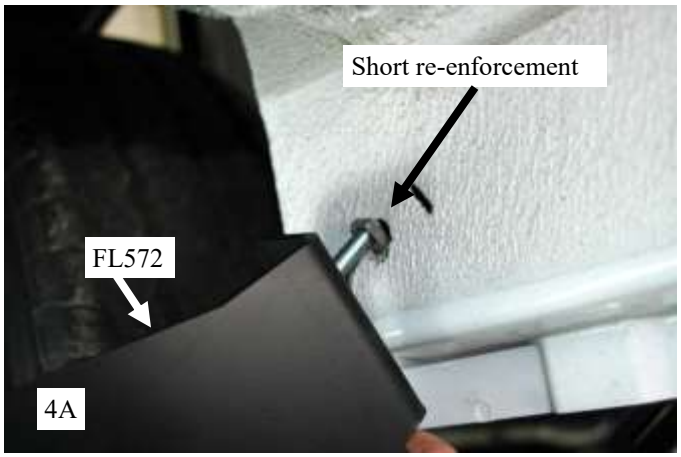
If vehicle has Rear Air

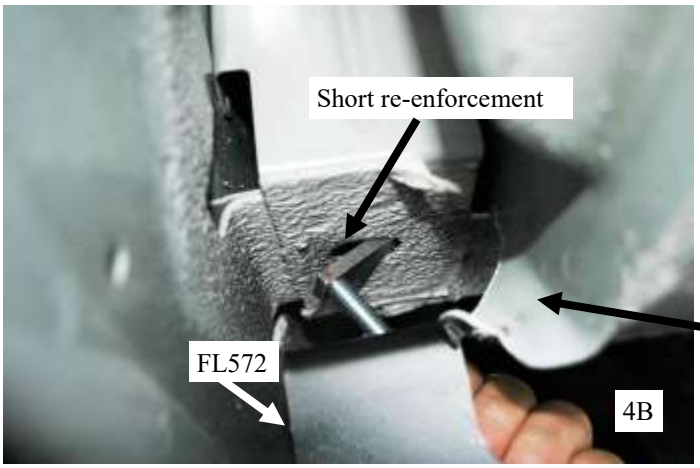
3) <u>Install FL579 in 2nd location</u>
<u>Driver side</u>

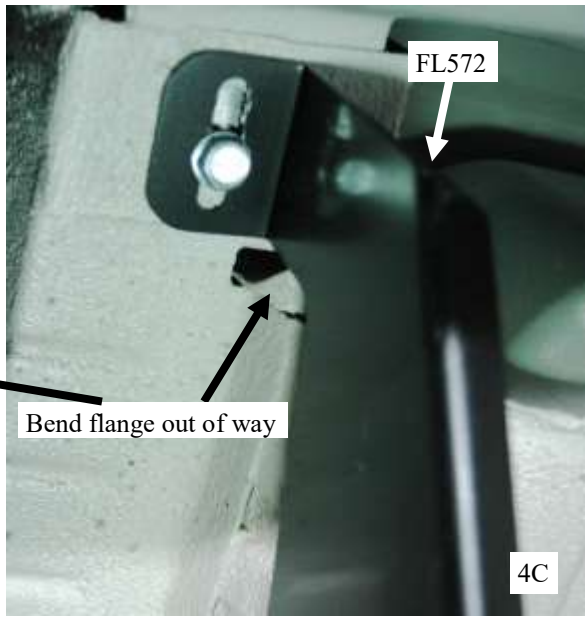
Insert a 5/16” x 1-1/2” bolt through both slots on the FL579 and thread into re-enforcement nut only engaging a couple threads.
Slide re-enforcement nut into the lower slot located on the rear rocker panel. **Fig 3A**
Slide re-enforcement nut into the slot located on the main frame. **Fig 3B**
Snug up bracket to the body of vehicle but leave all bolts and nuts loose at this time.

If unit is equipped with OEM rear air remove the 3 bolts holding the AC line brackets to vehicle with a Torx 30 (Fig 3D) to move line out of way to get short re-enforcement nut into hole on back side of the rocker panel, once FL579 bracket bolts are hand tightened so bracket is up to body the Torx 30 bolts can be replaced and tightened.





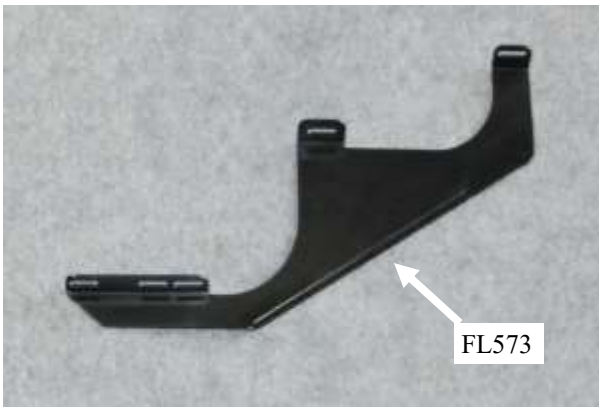


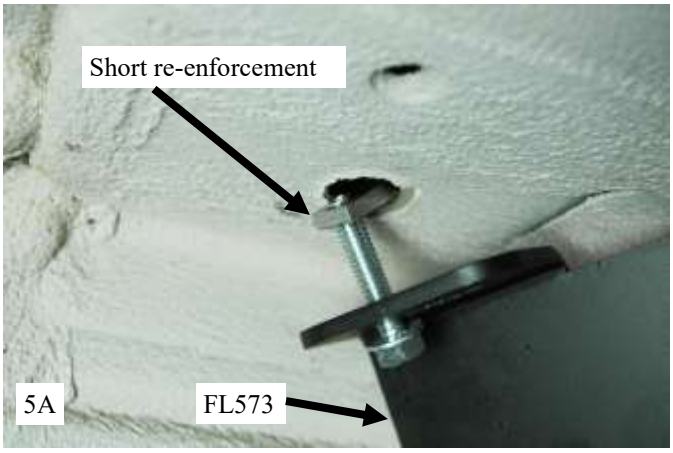


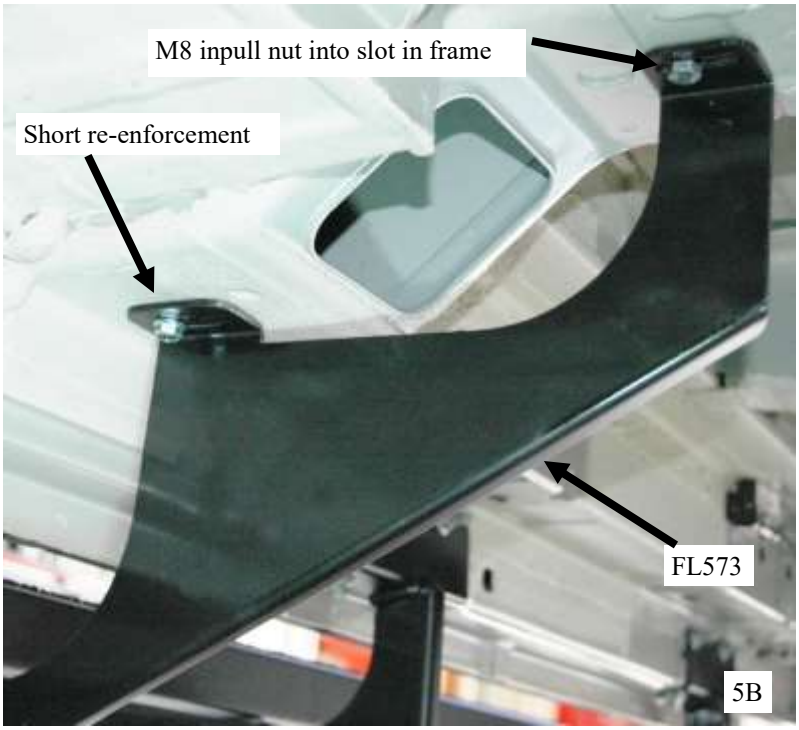
4) <u>Install FL 572 at 1st location on the Passenger side</u>

Insert a 5/16" x 1-1/2" bolt through both slot on the FL572 and thread into <u>short</u> re-enforcement nut only engaging a couple threads.
Slide <u>short</u> re-enforcement nut into the lower slot located on the rear rocker panel. **Fig 4A**
Slide <u>short</u> re-enforcement nut into the slot located on the frame cross brace. **Fig 4B**
Snug up bracket to the body of vehicle but leave all bolts and nuts loose at this time.

Bend flange out of way so FL 572 top flange will fit up against the cross brace coming from main frame rail . (Fig 4C)

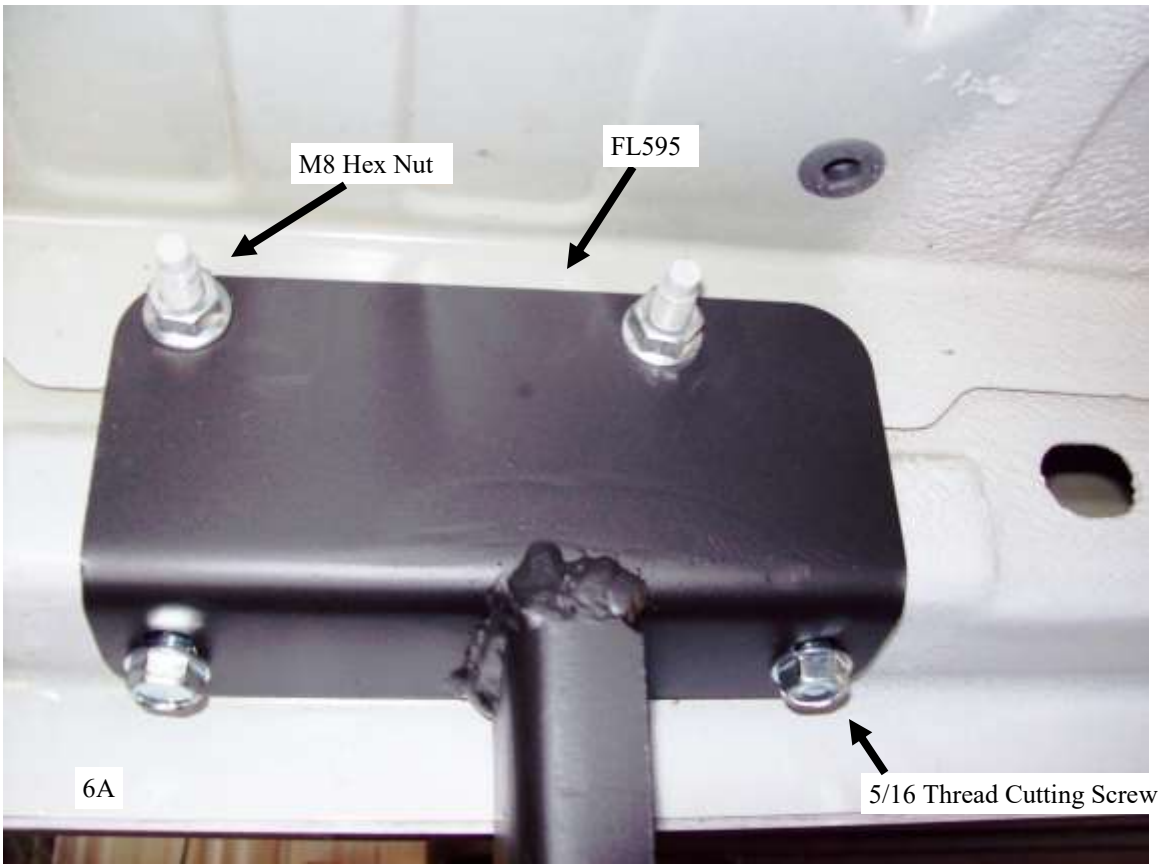






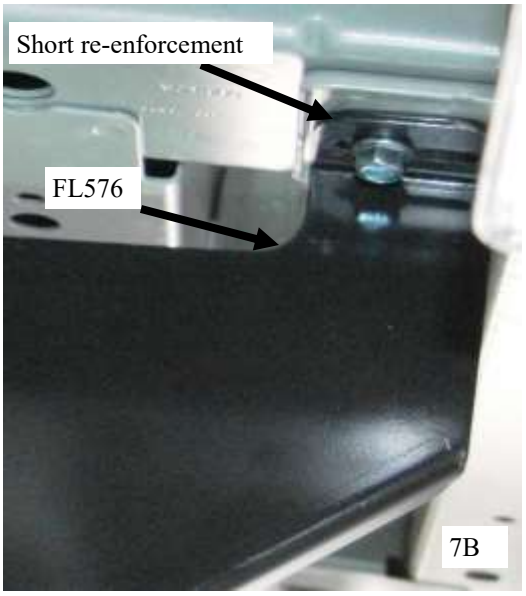
5) <u>Install FL573 in 2nd location</u>
<u>Passenger side</u>

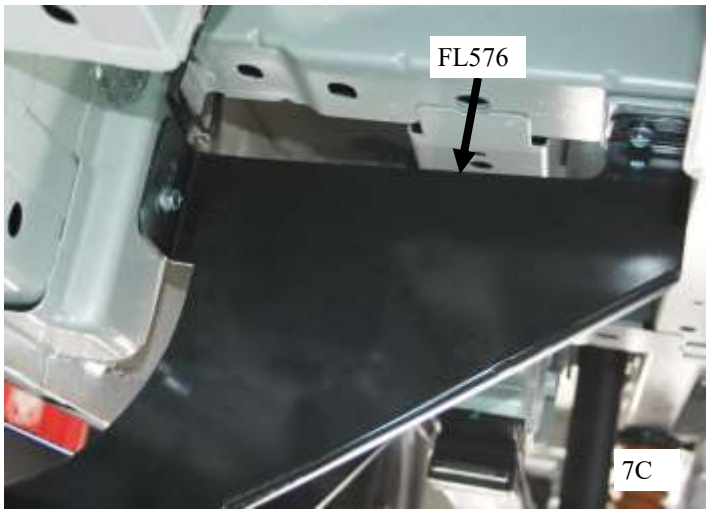
First slide a M8 inpull nut up into the frame <u>small slot.</u> Insert a 5/16" x 1-1/2" bolt through outer slot on the FL573 and thread into <u>short</u> re-enforcement nut only engaging a couple threads Slide the <u>short</u> re-enforcement nut up into the outer hole on the frame reinforcement box that connects the rear of rocker to the main frame rail (Note you can reach hand inside opening in the reinforcement box of the vehicle if it is not filled with expanding foam) Snug up FL573 up to the body of vehicle, but leave loose for adjustment. **5A**
Place the M8 x 20 bolt through the top tab of a FL573 and thread bolt into the M8 inpull nut in frame rail and hand tighten as shown in image **5B** .



6) <u>Install FL595 in the 3rd and 4th location</u>
<u>Passenger side</u>

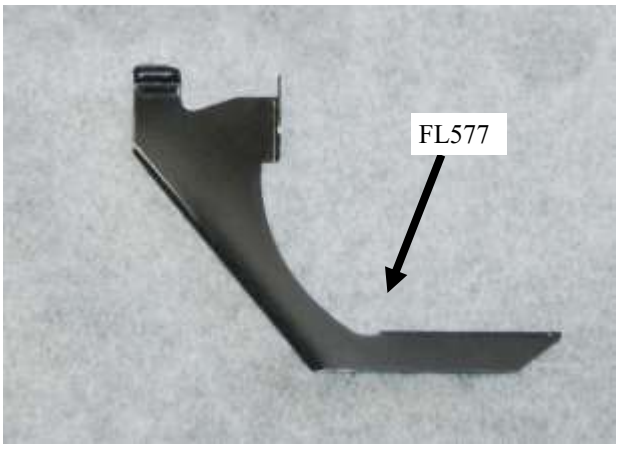
Place the FL595 onto the studs coming out of the back side of the rocker and put M8 hex nuts onto the studs. Though the lower slots put two 5/16 thread cutting bolts up into the holes and tighten. Now tighten the M8 hex nut completely.

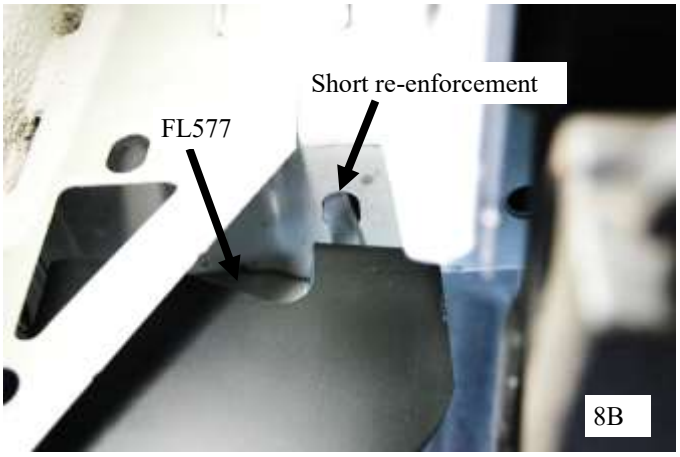




7) <u>Install a FL576 in the 5th location</u>
<u>Passenger side</u>

Insert a 5/16” x 1-1/2” bolt through outer slot on the FL576 and thread into <u>short</u> re-enforcement nut only engaging a couple threads. **Fig 7A**
Insert a 5/16” x 1-1/2” bolt through upper slot on the FL576 and thread into <u>short</u> re-enforcement nut only engaging a couple threads.
Slide the <u>short</u> re-enforcement nut up into the inner hole on the frame reinforcement box.
Slide the re-enforcement nut into the slot located on the frame cross brace. **Fig 7B**





8) <u>Install a FL577 in the 6th location</u>
<u>Passenger side</u>

Insert a 5/16” x 1-1/2” bolt through outer slot on the FL577 and thread into <u>short</u> re-enforcement nut only engaging a couple threads. **Fig 8A**
Insert a 5/16” x 1-1/2” bolt through upper slot on the FL577 and thread into <u>short</u> re-enforcement nut only engaging a couple threads.
Slide the <u>short</u> re-enforcement nut up into hole located on the rear rocker panel.
Slide the re-enforcement nut into the slot located on the frame cross brace. **Fig 8B**

9A

9) Insert Mounting Bolts and Install End Caps For Aluminum Boards

First slide 1/4"-20 square head bolt into the front track and then into the rear track for each bracket locations of the running board. These bolts will attach the board to the brackets. **Fig 9A** After sliding all the bolts in, attach the end caps using two self tapping 3/8" bolts into the tracks the square head bolts were inserted in. The self tapping bolts will be serrated at the bottom.

10A

10) Mount the Aluminum Running Boards

Slide the 1/4-20 bolts through the slots in the top of all the brackets. Secure the board to the brackets with a 1/4" nut in all locations. Position the board so it sits flush with the front and rear wheel wells. The very top of the board should rest up against the plastic molding that sticks out slightly along the bottom of the vehicle. Once the board is in the correct position, tighten all nuts and bolts on the mounting brackets. **Fig 10A** Repeat the same process on the passenger side.

Boards shown fully installed, Enjoy!