2017-C Chrysler Pacifica Product No. 67697 21001

IN 633

5/18/18

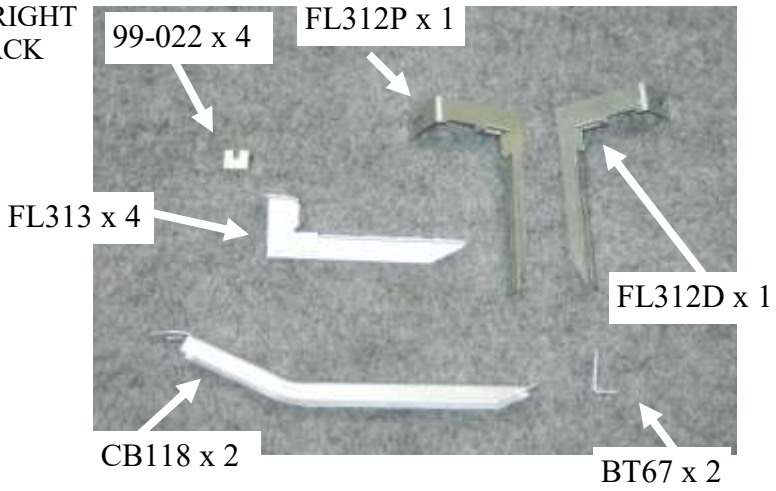
No Drilling into Vehicle is Required

Tools Required

- Tape Measure
- Ratchet
- 10mm Socket
- 1/2” Socket
- 1/2” Wrench
- 18mm Socket
- Extension for 18mm
- Small Flat Blade Screwdriver
- Medium Flat Blade Screwdriver
- Drill with 3/8” nut Driver
- 1/8” Allen Wrench
- Vise Grip Pliers
- Marker
- Loctite (Blue)

Hardware Included

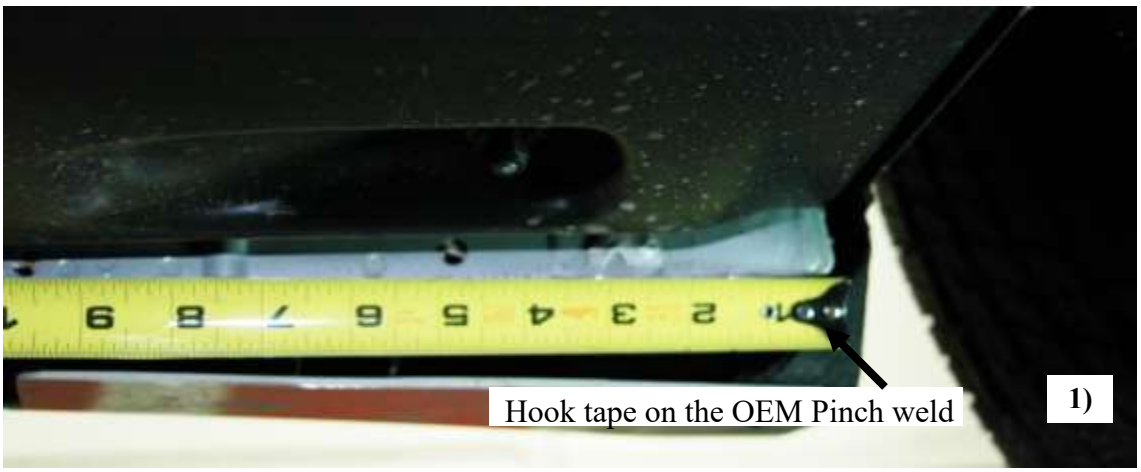
- BRACKETS SHOW ON RIGHT
- 1– BOLT PACK



Torque Specification:

Plastic Nut - 8 Ft Lbs.
M6 Bolt - 8 Ft Lbs.
5/16” Bolt - 19 Ft Lbs.
1/4” Set Screw - 10 Ft Lbs.

Estimated time of Installation:
35 minutes



Measure back from front wheel well as seen in **Fig 1**, under side at the distance listed below.

Mark with a <u>marker</u> on pinch weld at the following dimensions this will be the <u>centers</u> of the 99-022 pinch weld clamps on second and third locations.

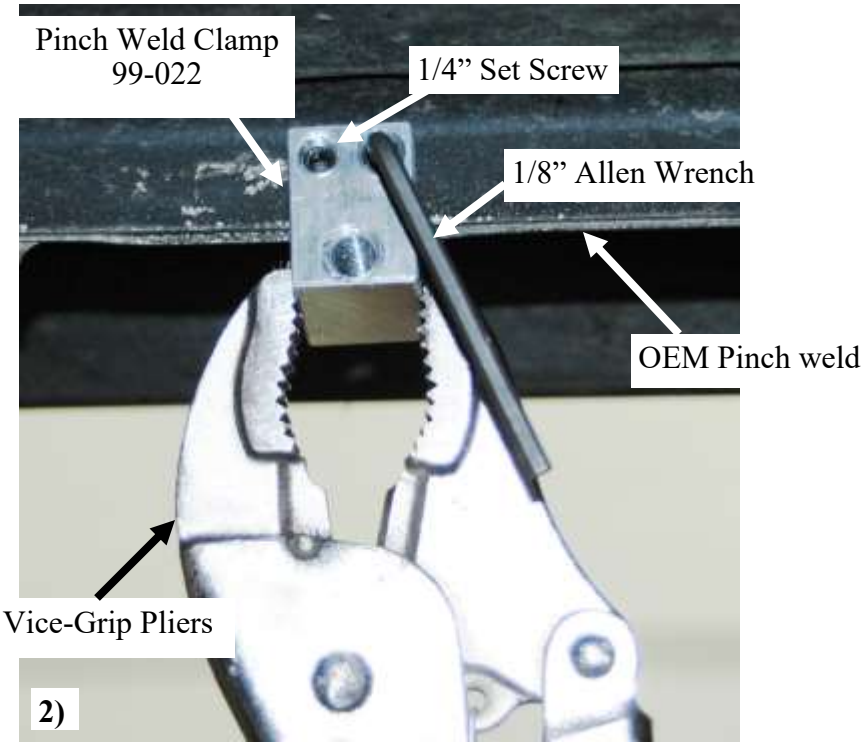
Driver side Positions: 1st =9-3/4” OEM Hole, <u>2nd = 38-1/2”</u>, <u>3rd = 59-5/8</u>”, 4th = 76-1/2” OEM Hole

Passenger side Positions: 1st = 9-3/4” OEM Hole, <u>2nd = 35-5/8 ”</u>, <u>3rd = 56-3/4</u>” 4th = 76-3/4” OEM Hole

These are for the upper mount of bracket located on vehicle

Driver side Positions: 1st = 9”, 2nd = 37-1/8”, 3rd = 57-3/4”, 4th = 79”

Passenger side Positions: 1st = 9”, 2nd = 37 ”, 3rd = 58-1/2” 4th = 79”

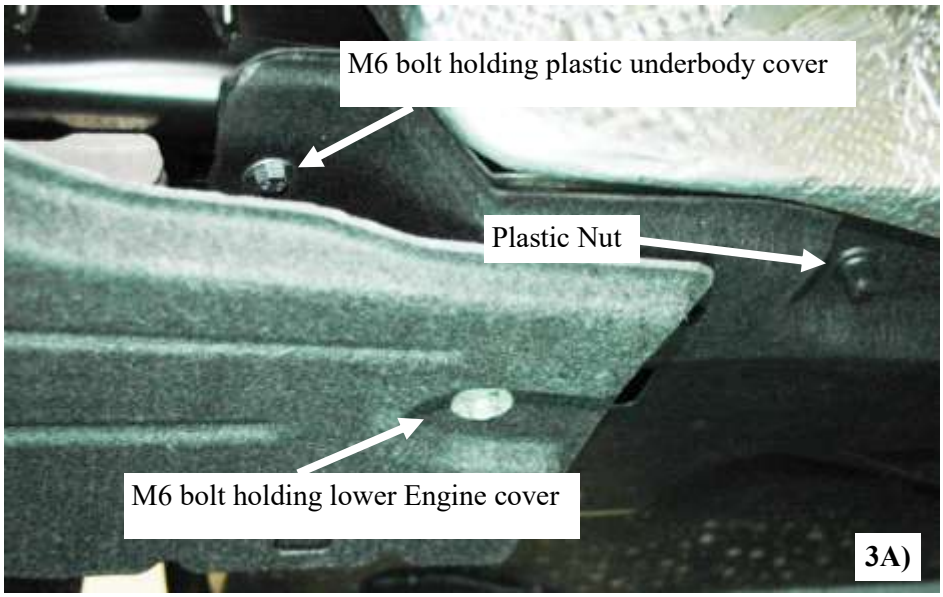


At each center mark, mount the pinch weld clamp 99-022. Tighten the set screws with 1/8” Allen wrench holding with pair of vise grips for leverage.

The use of Loctite on all set screws is highly recommended to insure they do not loosen up.

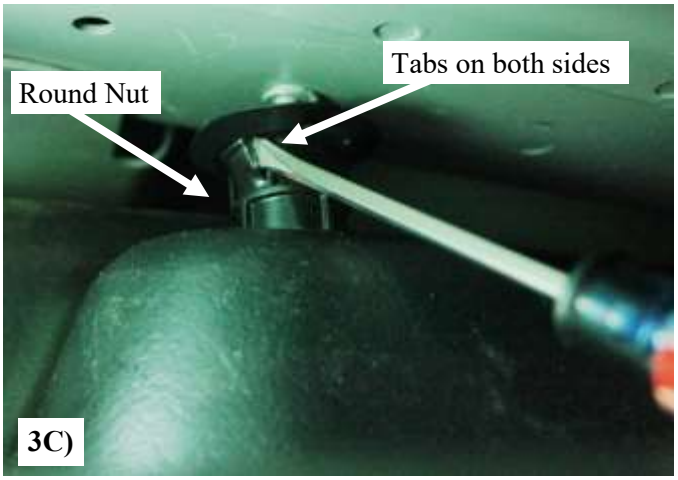
Make sure set screws are as tight as possible.

This is required for both Driver & Passenger Locations



Remove M6 bolt with a 10mm socket in front lower engine cover located on the underside of vehicle. Then remove the M6 bolt with 10mm socket that holds the plastic cover that runs the whole length of vehicle located 3" forward of the first bolt removed. At 5" rearward of first bolt removed locate the plastic nut remove with 10mm socket. **Fig 3A** Once the bolts and nut are removed pull down on plastic cover and turn round nut with a flat blade screwdriver counterclockwise to remove from stud on body. **Fig 3B**
Once loose take a small flat screwdriver and pry out on the two tabs on underside of round nut and pull inner and outer of round nut apart and discard. **Fig 3C**

Replace the two M6 bolts in the location they were removed.



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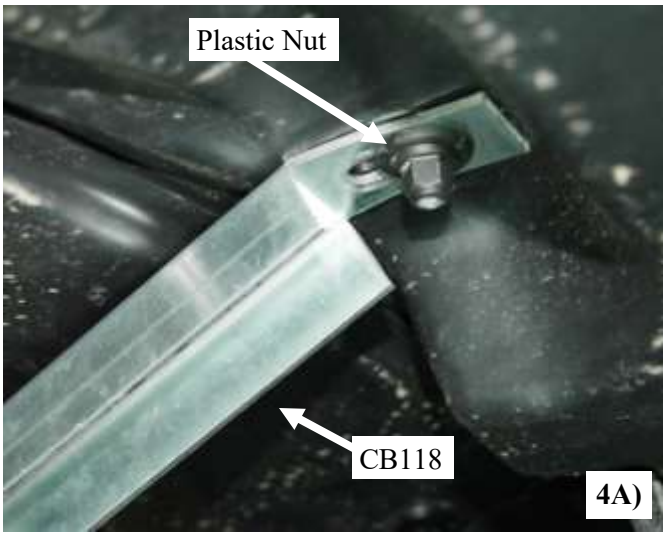
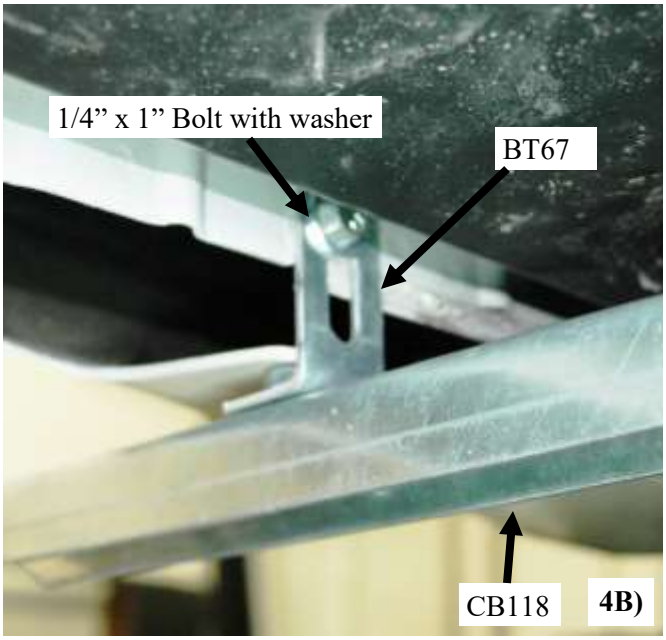




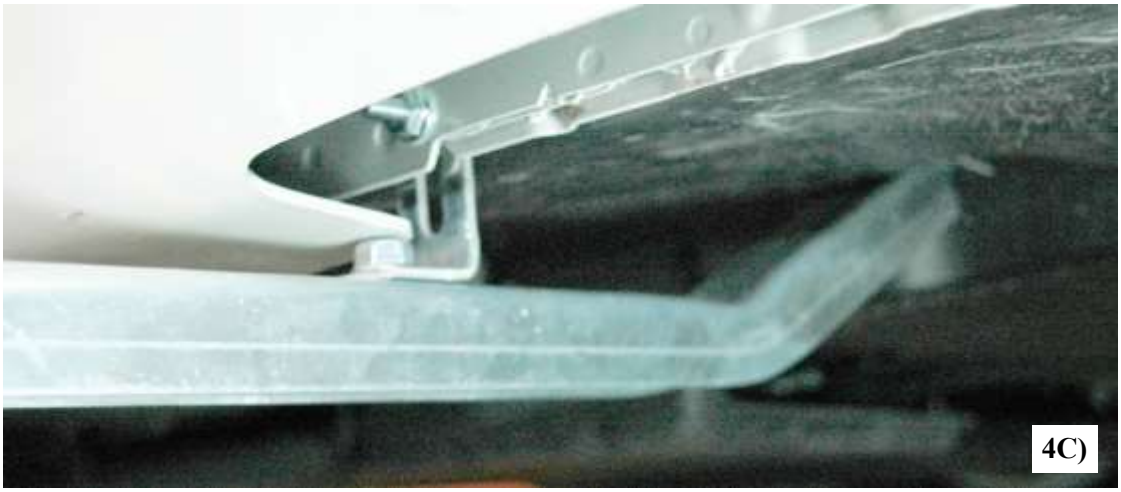
Driver Front Location

Place top tab slot of the CB118 front bracket up on the stud exposed by removal of round nut. Take the plastic nut that was removed from vehicle, put the plastic nut onto stud to secure the CB118 to vehicle. **Fig 4A**

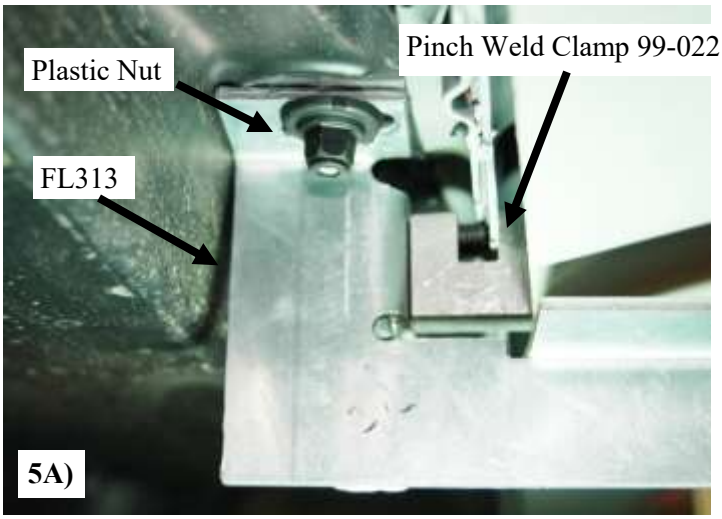
Locate the hole in the factory pinch weld located at 9-3/4” back from the front edge of the pinch weld.
Place a flat washer onto the threads of the 1/4” x 1” hex head bolt in bolt pack. With washer on the bolt slide through the slot on the BT67 with flange pointing outward from center of vehicle, put bolt through the hole in pinch weld with the threads coming outward on the pinch weld. Place 1/4” flange nut onto threads and hand tighten. **Fig 4B**

Swing the CB118 under the bottom flange of the BT67 and connect with 5/16” x 3/4” flange bolt and 5/16” flange nut. **Fig 4C**.

Leave fasteners loose for adjustment.

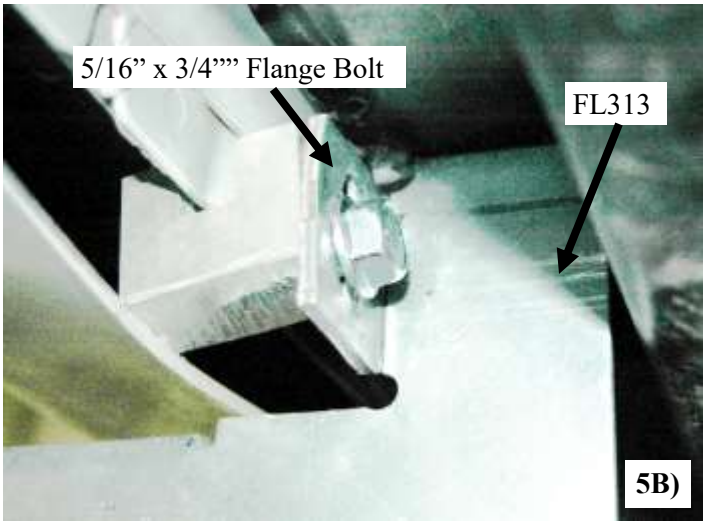


Driver 2nd & 3rd Location



Measure back on the factory pinch weld from front edge 38-1/2" mark the factory pinch weld with a marker this is the center of the 99-022 pinch weld clamp for 2nd location and at 59-5/8" for the 3rd location, pry down on the plastic ground effect to slide the 99-022 onto the factory pinch weld. Tighten both set screws with 1/8" Allen wrench.
Make sure 99-022 is at exactly 2nd 38-1/2"
And at 59-5/8" for the 3rd location Otherwise slot in FL313 will not line up. **Fig 5B**

Remove the plastic nut with a 10mm socket located 37-1/8" from the front edge of the factory pinch weld for 2nd location and at 57-3/4" for the 3rd location. **Fig 5A**



Place the top slot of the FL313 up onto the stud exposed by removing the plastic nut, and re-install the plastic nut back onto the stud to secure the FL313 onto the vehicle. **Fig 5A**

Put a 5/16" x 3/4" flange bolt into the slot of the FL313 and thread bolt into the tapped hole in the 99-022 pinch weld clamp. **Fig 5B**

Tighten the plastic nut with 10mm socket first then tighten the 5/16" bolt to secure the FL313 onto the vehicle. **Fig 5A**

Driver Rear Location

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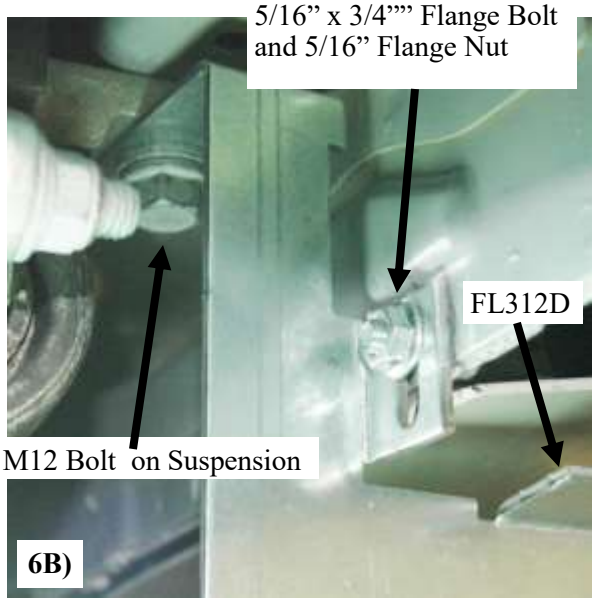
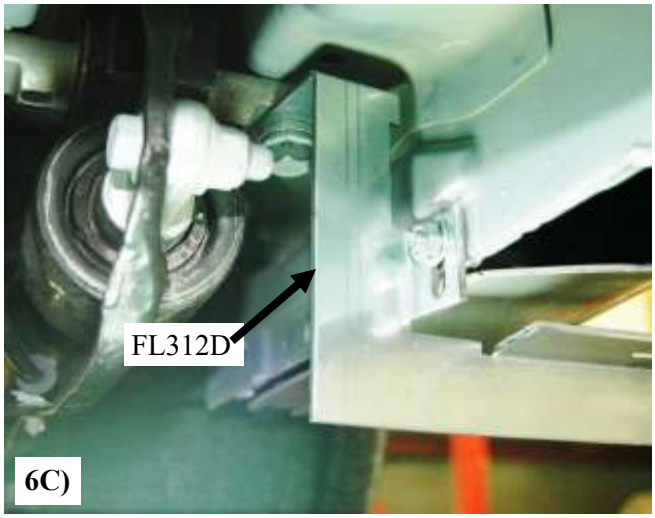
6A)



6B)

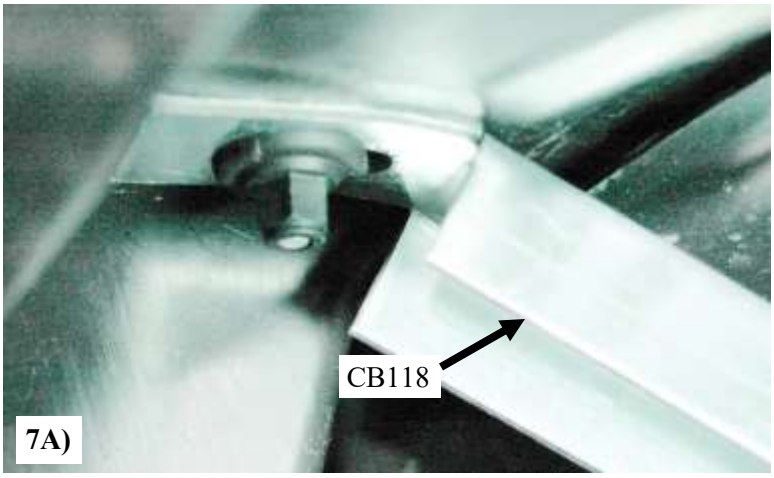
Remove the M12 bolt on the suspension with a 18mm socket as shown in **Fig 6A** located at 79” from the front edge of the factory pinch weld. Locate the hole in the factory pinch weld located a 76-1/2” from the front edge of the factory pinch weld. Clean out sealant from hole with screwdriver, then slide a 5/16” x 3/4” flange bolt with the threads coming in toward the center of the vehicle into the hole in pinch weld.
Put the M12 bolt removed up through the top slot of the FL312D and thread the bolt back into the hole it was removed from. Slide the 5/16” thread through the slot on the side of the FL312D and install a 5/16” flange nut onto the threads of the bolt. **Fig 6B**

Tighten the M12 bolt first then the 5/16” bolt and nut. **Fig 6C**



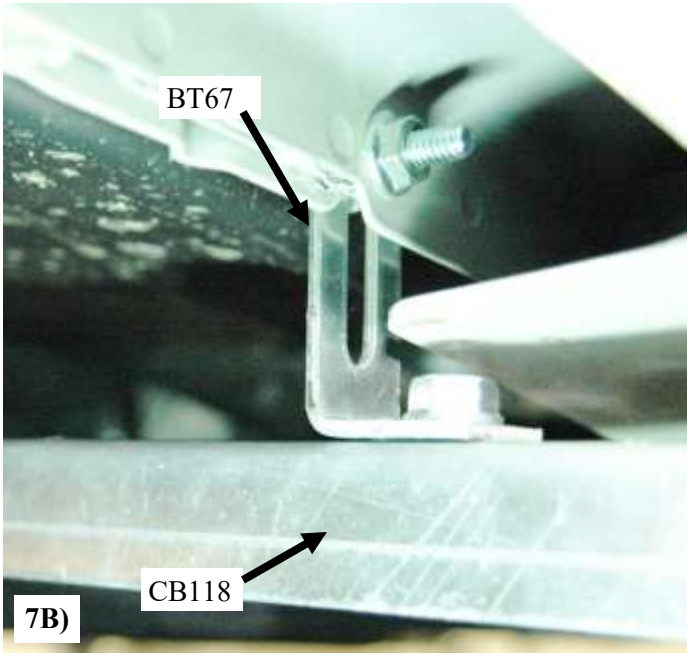
6C)

Passenger Front Location



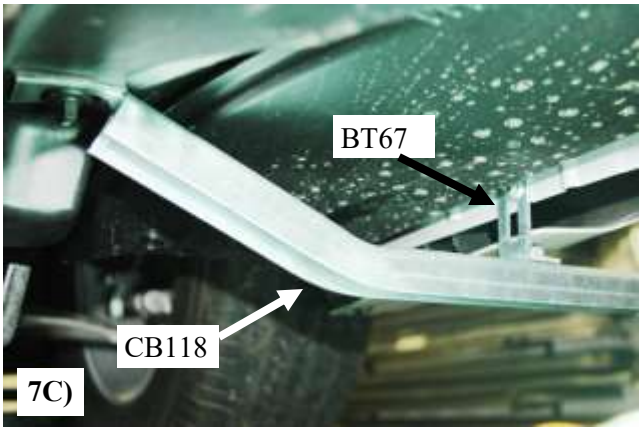
Place top tab slot of the CB118 front bracket up on the stud exposed by removal of round nut. Take the plastic nut that was removed from vehicle, put the plastic nut onto stud to secure the CB118 to vehicle. **Fig 7A**

Locate the hole in the factory pinch weld located at 9-3/4" back from the front edge of the pinch weld.
Place a flat washer onto the threads of the 1/4" x 1" hex head bolt in bolt pack. With washer on the bolt slide through the slot on the BT67 with flange pointing outward from center of vehicle, put bolt through the hole in pinch weld with the threads coming outward on the pinch weld. Place 1/4" flange nut onto threads and hand tighten. **Fig 7B**



Swing the CB118 under the bottom flange of the BT67 and connect with 5/16" x 3/4" flange bolt and 5/16" flange nut. **Fig 7C**.

Leave fasteners loose for adjustment.



Passenger 2nd & 3rd Location


8A)

Measure back on the factory pinch weld from front edge 35-5/8” mark the factory pinch weld with a marker this is the center of the 99-022 pinch weld clamp for 2nd location and at 56-3/4” for the 3rd location, pry down on the plastic ground effect to slide the 99-022 onto the factory pinch weld. Tighten both set screws with 1/8” Allen wrench

Make sure 99-022 is at exactly 2nd 35-5/8”
And at 56-3/4” for the 3rd location Otherwise slot in FL313 will not line up. **Fig 8B**


8B)

Remove the plastic nut with a 10mm socket located 37 ” from the front edge of the factory pinch weld for 2nd location and at 58-1/2” for the 3rd location. **Fig 8A**

Place the top slot of the FL313 up onto the stud exposed by removing the plastic nut, and re-install the plastic nut back onto the stud to secure the FL313 onto the vehicle. **Fig 8A**

Put a 5/16” x 3/4” flange bolt into the slot of the FL313 and thread bolt into the tapped hole in the 99 -022 pinch weld clamp. **Fig 8B**

Tighten the plastic nut with 10mm socket first then tighten the 5/16” bolt to secure the FL313 onto the vehicle. **Fig 8A**


8C)

Passenger Rear Location

9A)

9B)

Remove the M12 bolt on the suspension with a 18mm socket as shown in **Fig 9A** located at 79" from the front edge of the factory pinch weld. Locate the hole in the factory pinch weld located a 76-3/4" from the front edge of the factory pinch weld. Clean out sealant from hole with screwdriver, then slide a 5/16" x 3/4" flange bolt with the threads coming in toward the center of the vehicle into the hole in pinch weld.
Put the M12 bolt removed up through the top slot of the FL312D and thread the bolt back into the hole it was removed from. Slide the 5/16" thread through the slot on the side of the FL312D and install a 5/16" flange nut onto the threads of the bolt. **Fig 9B**

Tighten the M12 bolt first then the 5/16" bolt and nut. **Fig 9C**

9C)

Place the running board on the brackets and slide the rear of the board back to be flush with the rear wheel well. Adjust the BT67 on front bracket so that the board fits tight against the factory ground effect and tighten all the fasteners to secure the board to the vehicle.

Level board and tighten any and all loose nuts and bolts on both sides.

10A)

For Fiberglass

Using self drilling screws attach the board to the angle brackets making sure you are drilling into steel mounting pads. Level board and tighten any remaining loose bolts at this time. **Fig 10A**

10B)

For Plastic

Position board where you want it. Install self tapping screws through bracket into the shoulder of the steel channel on the bottom of the board. **Fig 10B**

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