

IN 663

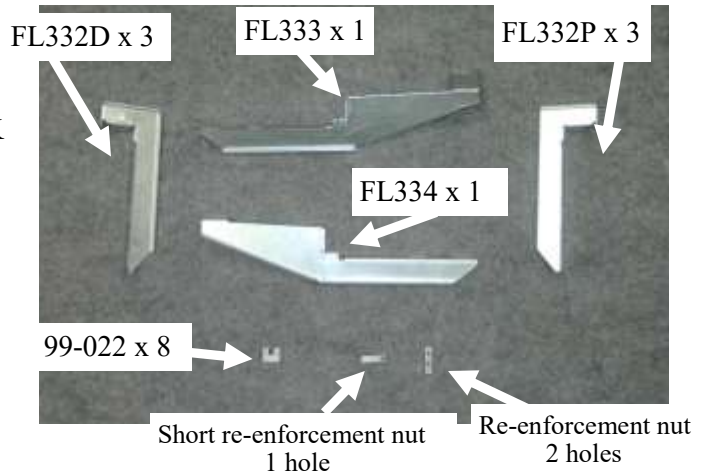
No Drilling into Vehicle is Required

Tools Required

- Ratchet
- 10mm Socket
- 1/2" Socket
- 1/2" Wrench
- 1/8" Allen Wrench
- Vice Grip Pliers
- Tape Measure
- Drill with 3/8" Nut Driver Bit
- Loctite (Blue)

Hardware Included

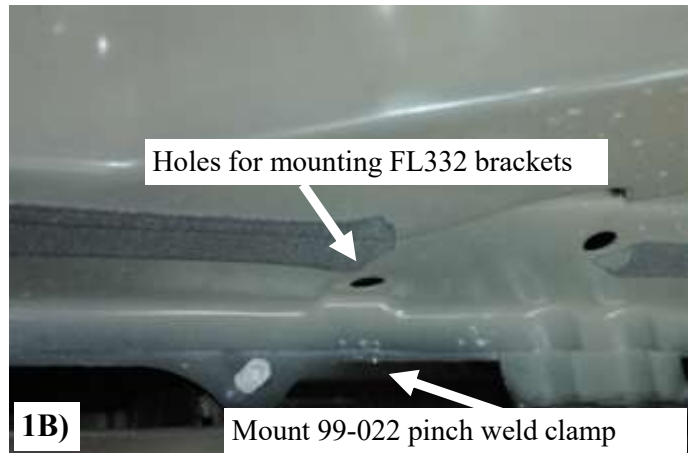
- BRACKETS
SHOW ON
RIGHT
- 1- BOLT PACK



Torque Specification:

5/16" Bolt - 19 Ft Lbs.
 1/4" Set Screw - 10 Ft Lbs.

Estimated time of
 Installation:
 45 minutes



- 1A)** Measuring from the back side of the front edge of wheel well as shown in photo. Mark the under side of the pinch weld with marker.

The following locations marks on metal pinch weld will be the centers of the 99-022 pinch weld clamps

Driver side Positions: 1st = 14-1/8", 2nd = 28-1/8", 3rd = 50", 4th = 70-1/2"

Passenger side Positions: 1st = 14-1/8", 2nd = 26-1/4", 3rd = 50", 4th = 70-3/8"

The marks on pinch weld will be the centers of the 99-022 pinch weld clamps.

- 1B)** The following locations will be the upper OEM hole the bracket will be mounted into

Driver side Positions: 1st = 13-3/4", 2nd = 23-1/4", 3rd = 50", 4th = 70"

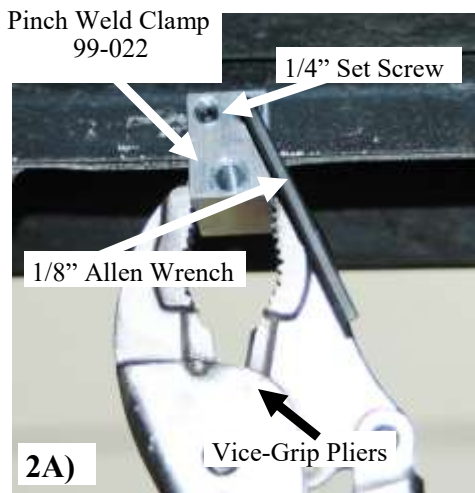
Passenger side Positions: 1st = 13-3/4", 2nd = 23-1/4", 3rd = 50", 4th = 70"

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The 2nd position the hole is located in cross brace at 9-1/2" inward from pinch weld on driver side and 8-1/2" on the passenger side.



- 2) At each mark mount the pinch weld clamp. Put the 99-022 pinch weld clamp onto the OEM steel pinch weld flange. Tighten the set screws with 1/8" Allen wrench holding with pair of vise grips for leverage.

You may have to pry the plastic down to slide the 99-022 pinch weld clamp up onto the OEM metal pinch weld flange.

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

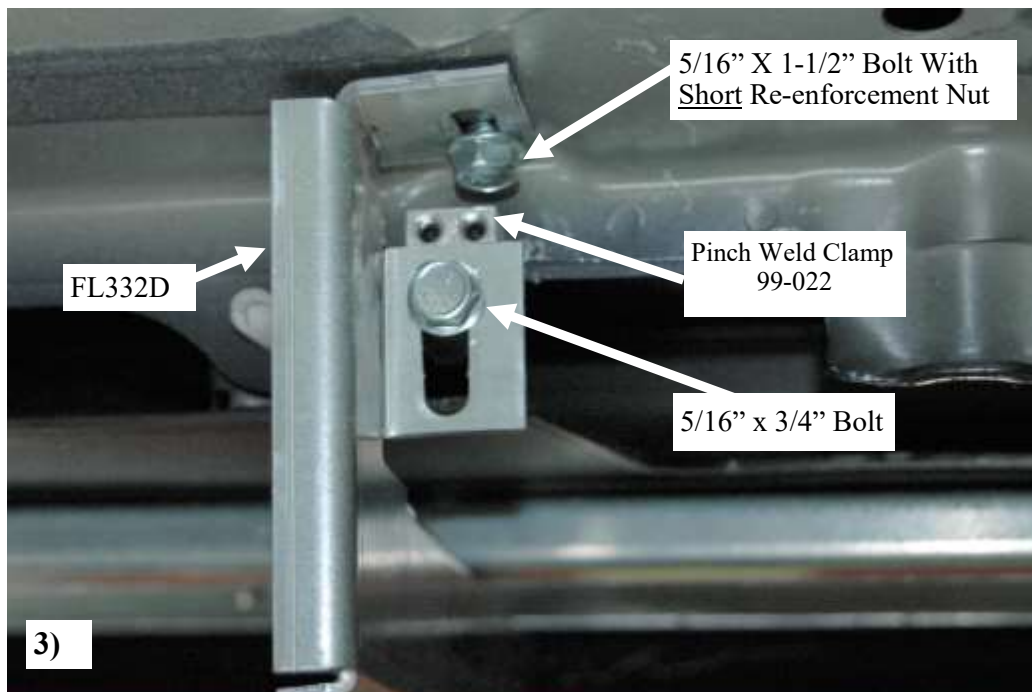
Make sure set screws are as tight as possible.



- 2B) Once the 99-022 pinch weld clamps are installed and tightened in place on OEM pinch weld flange.

Put a 5/16" x 1-1/2" bolt through the top slot of the FL332 and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body.

1st Driver Location



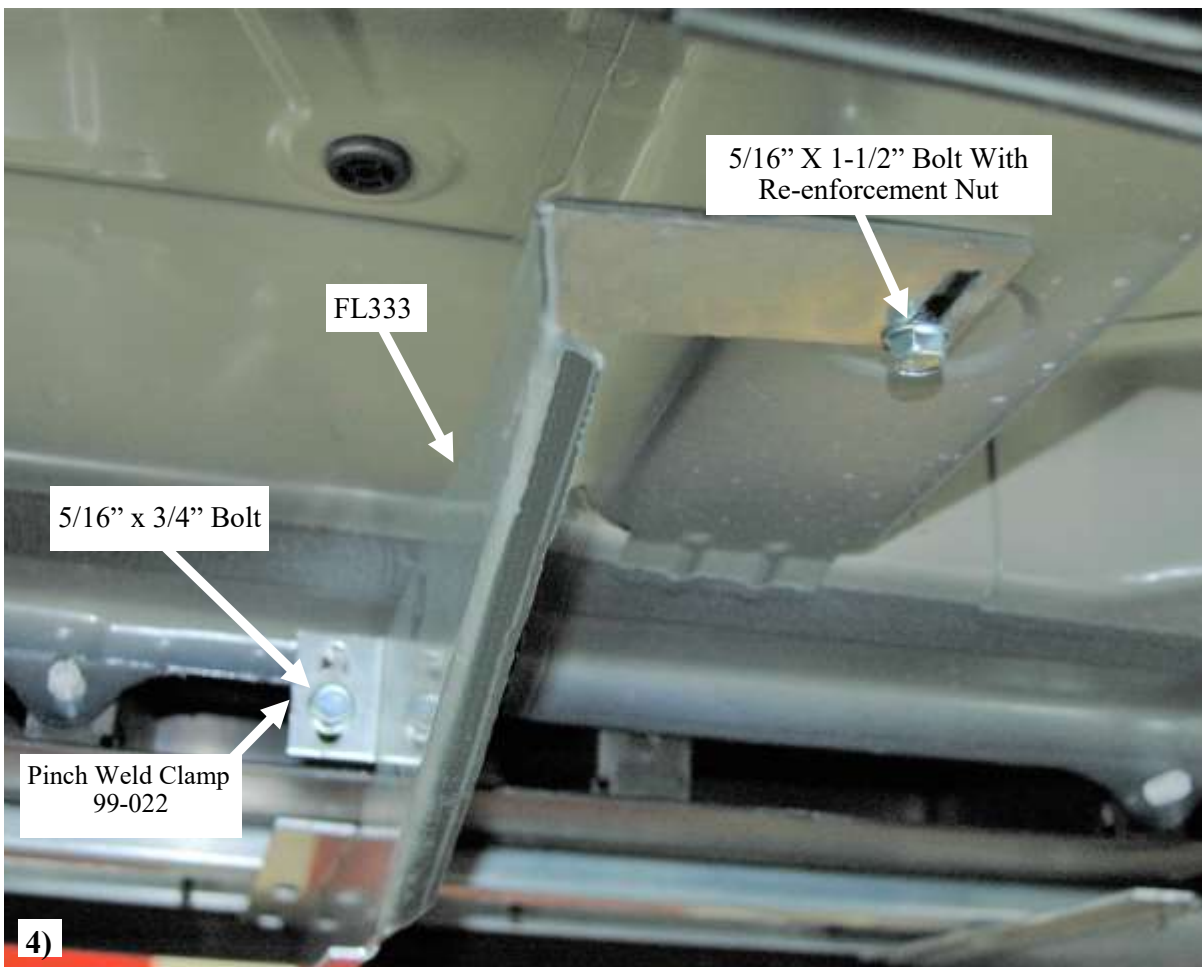
- 3) Put a 5/16" x 1-1/2" bolt through the top slot of the FL332D and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body. **Picture 3**

Take a 5/16" x 3/4" bolt through lower slot of the FL332D thread into the 99-022 pinch weld clamp.

- 3A) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. **Picture 3A & B**



2nd Driver Location



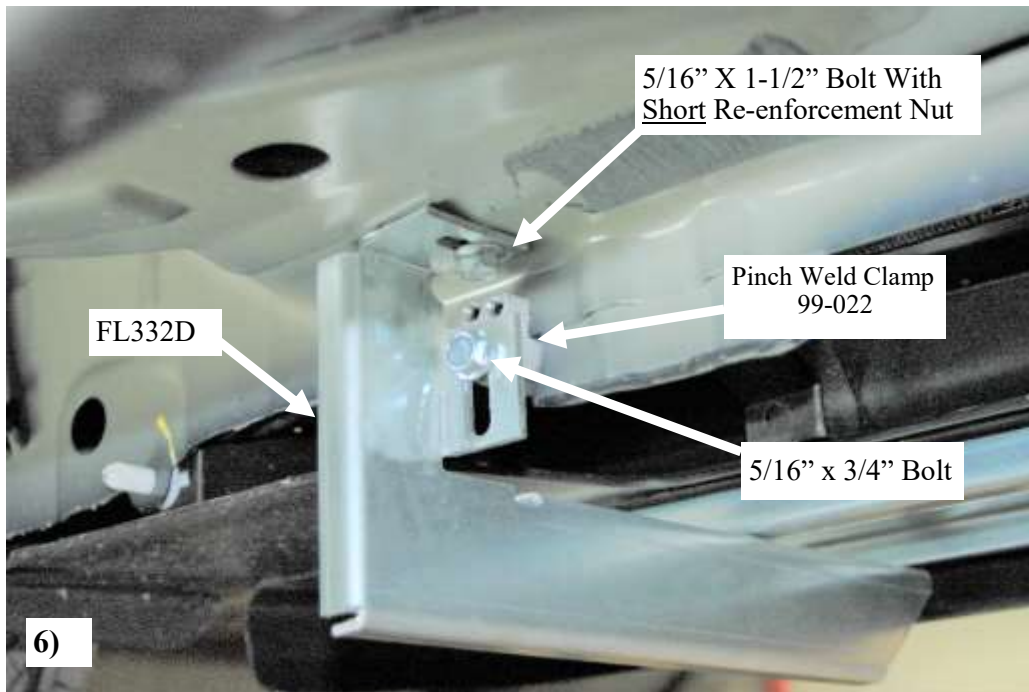
- 4) Put a 5/16" x 1-1/2" bolt through the top slot of the FL333 and thread a couple threads into re-enforcement nut. Slide the re-enforcement nut into the hole in cross brace, then hand tighten the bolt to take up the threads so that the top flange sits up against the body.
Picture 4
Take a 5/16" x 3/4" bolt through lower slot of the FL333 thread into the 99-022 pinch weld clamp.

Tighten the top bolt 1st with a 1/2" socket, then tighten the lower bolt into the 99-022 pinch weld clamp.

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4th Driver Location

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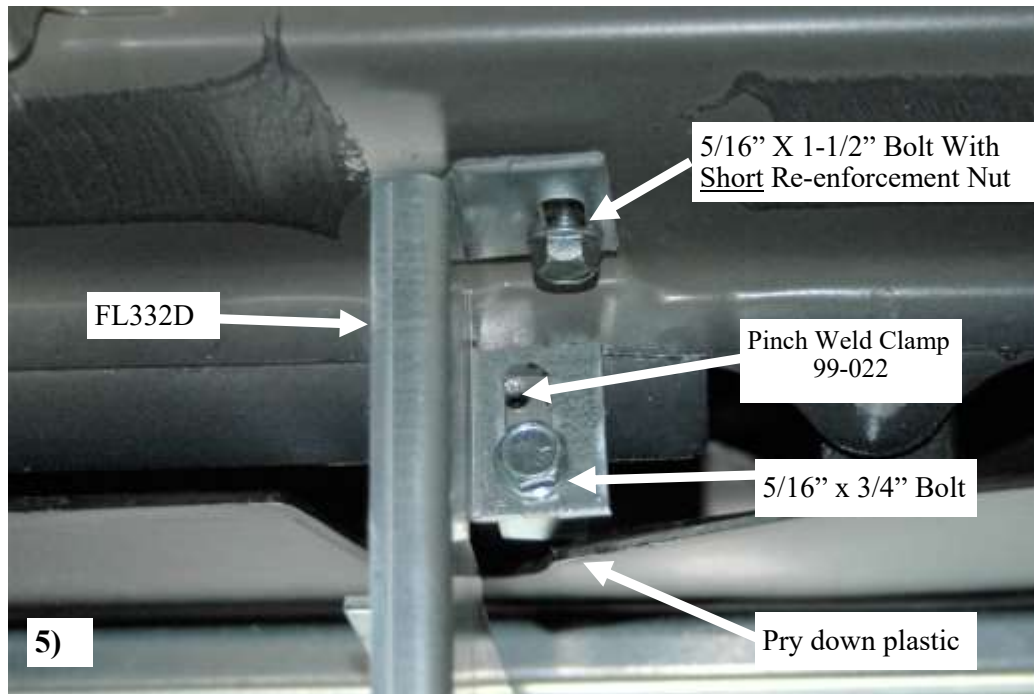
- 6) Put a 5/16" x 1-1/2" bolt through the top slot of the FL332D and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body. **Picture 6**

Take a 5/16" x 3/4" bolt through lower slot of the FL332D thread into the 99-022 pinch weld clamp.

- 6A) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. **Picture 6A & B**



3rd Driver Location



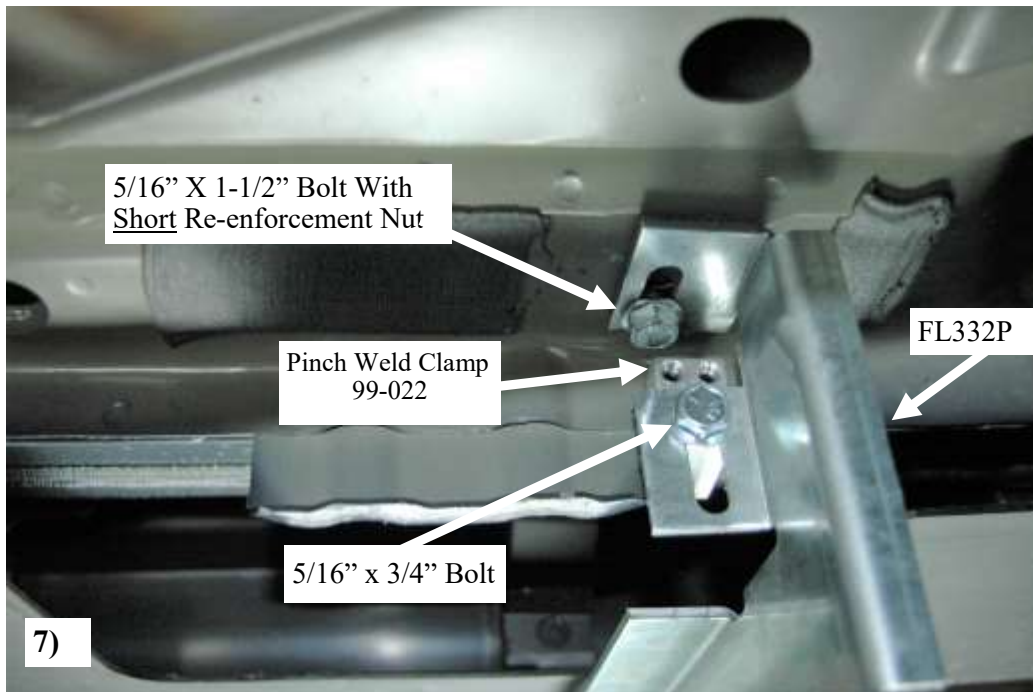
- 5) Put a 5/16" x 1-1/2" bolt through the top slot of the FL332D and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body like in location 1 see **Picture 5**

Take a 5/16" x 3/4" bolt through lower slot of the FL332D thread into the 99-022 pinch weld clamp.

- 5A) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. Picture 5A & B



1st Passenger Location



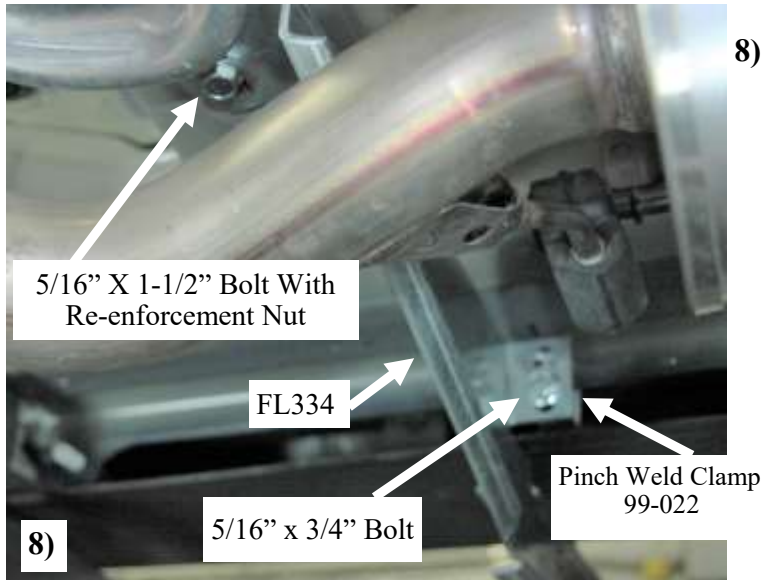
- 7) Put a 5/16" x 1-1/2" bolt through the top slot of the FL332P and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body. **Picture 7**

Take a 5/16" x 3/4" bolt through lower slot of the FL332P thread into the 99-022 pinch weld clamp.

- 7A) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. **Picture 7A & B**

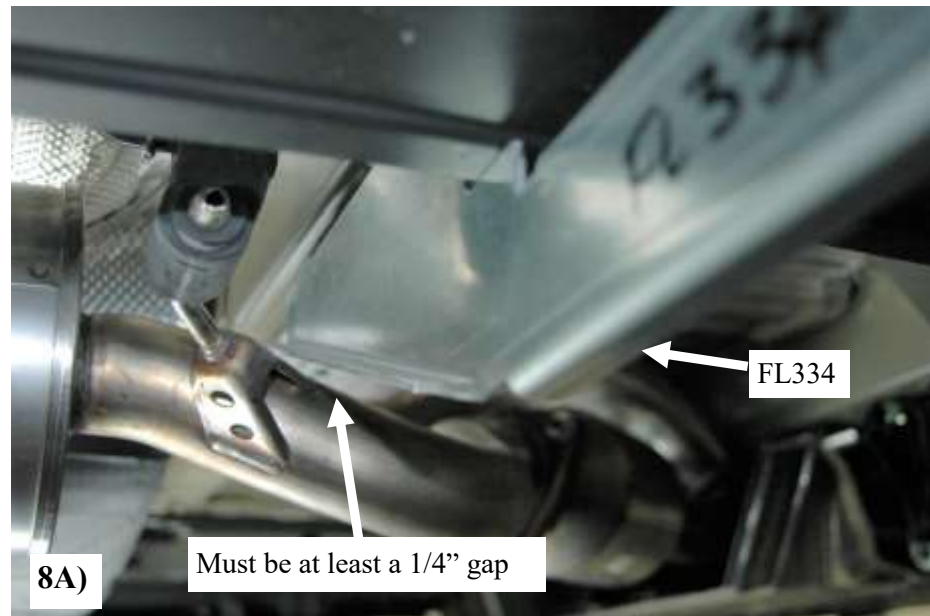


2nd Passenger Location



- 8) Put a 5/16" x 1-1/2" bolt through the top slot of the FL334 and thread a couple threads into re-enforcement nut. Slide the re-enforcement nut into the hole in cross brace, then hand tighten the bolt to take up the threads so that the top flange sits up against the body. **Picture 8**
 Take a 5/16" x 3/4" bolt through lower slot of the FL334 thread into the 99-022 pinch weld clamp.

Tighten the top bolt 1st with a 1/2" wrench, then tighten the lower bolt into the 99-022 pinch weld clamp.

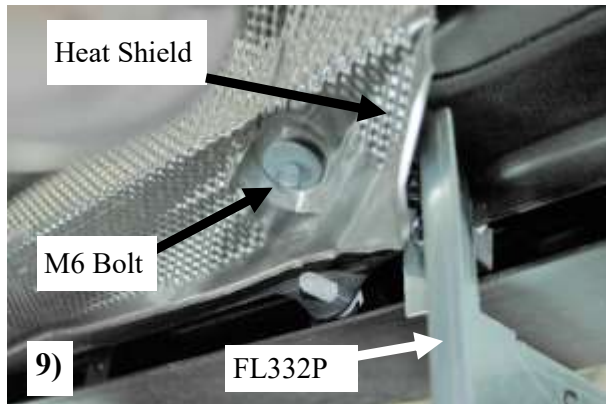


When mounting the FL334 make sure there is clearance between the bracket and the exhaust at least a 1/4" so that it will not rattle.

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3rd Passenger Location

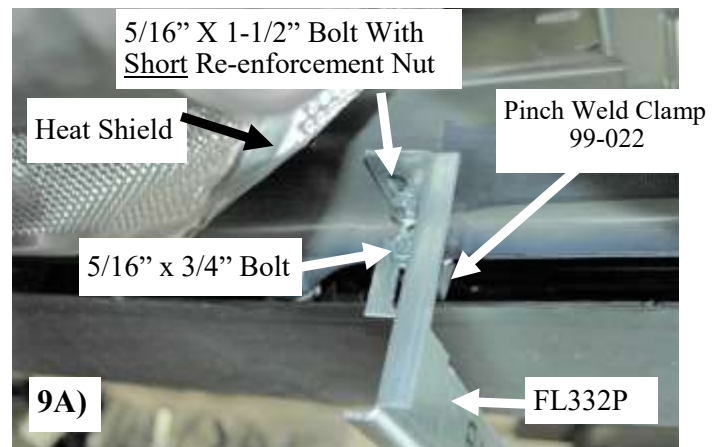


Put a 5/16" x 1-1/2" bolt through the top slot of the FL332P and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body.

Picture 9A

Take a 5/16" x 3/4" bolt through lower slot of the FL332P thread into the 99-022 pinch weld clamp.

- 9) Remove the M6 bolt in the heat shield with a 10mm socket and bend heat shield back toward the muffler for clearance to mount 99-022 pinch weld clamp and bracket.

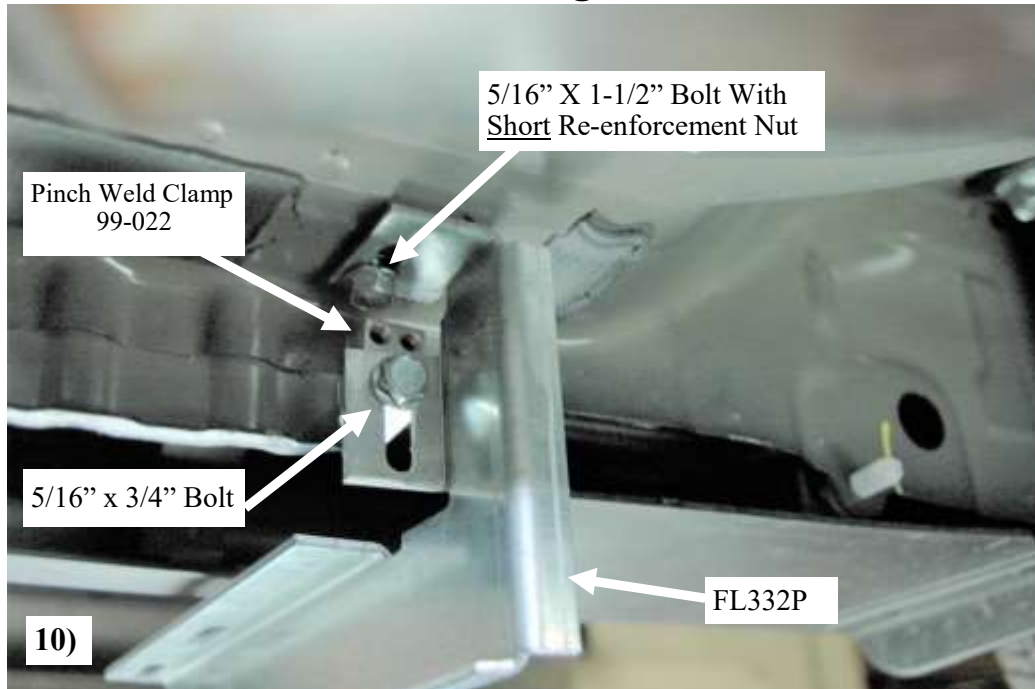


- 9B) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. **Picture 9B & C**

Once bracket is mounted bend the heat shield back into position and replace the M6 bolt and tighten with 10mm socket.



4th Passenger Location



- 10) Put a 5/16" x 1-1/2" bolt through the top slot of the FL332P and thread a couple threads into short re-enforcement nut. Slide the short re-enforcement nut into the hole as shown, then hand tighten the bolt to take up the threads so that the top flange sits up against the body. **Picture 10**

Take a 5/16" x 3/4" bolt through lower slot of the FL332P thread into the 99-022 pinch weld clamp.

- 10A) Tighten the top bolt 1st with a 1/2" open end wrench, then tighten the lower bolt into the 99-022 pinch weld clamp. **Picture 10A & B**



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Position board 1-1/2" from front wheel well this will center board on vehicle. Align the slots in bracket so they line up with the steel step plate mounted to the board and install self drilling screws through brackets into the shoulder of the steel step plate on the board to secure in position.

Tighten all remaining bracket bolts to fully secure boards to vehicle on both sides.

