

**Tools Required**

- Ratchet
- 13mm Socket
- 1/2" Socket
- 7/16" Socket
- 1/8" Allen Wrench
- Vise Grip Pliers
- Tape Measure
- Loctite (Blue)

**Hardware Included**

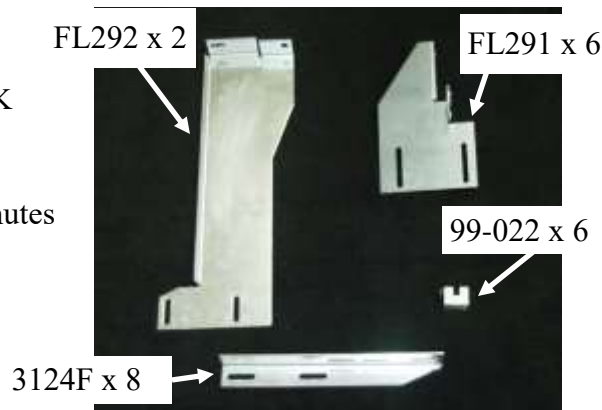
- BRACKETS  
SHOW ON  
RIGHT
- 1- BOLT PACK

Estimated time of  
Installation: 30 minutes

**Torque Specification:**

M8 Bolt - 11 Ft Lbs.  
5/16" Bolt - 19 Ft Lbs.

**No Drilling into Vehicle is Required**



**1) Locate Driver and Passenger Bracket Locations**

Measuring from the front wheel well back, mark the following locations on the pinch weld. **Picture #1**

**DRIVER**

**Pinch Weld Clamp**

LOCATION 1: 14 7/8"  
LOCATION 2: 36 1/8"  
LOCATION 3: 65 3/4" **Crew**

**Hole in Back of Rocker Panel**

LOCATION 1: 17 1/8"  
LOCATION 2: 38 3/8"  
LOCATION 3: 68" **Crew**

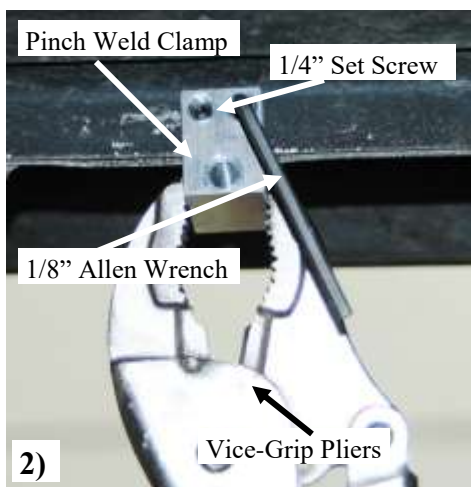
**PASSENGER**

**Pinch Weld Clamp**

LOCATION 1: 19"  
LOCATION 2: 40 3/8"  
LOCATION 3: 70 1/4" **Crew**

**Hole in Back of Rocker Panel**

LOCATION 1: 16 3/4"  
LOCATION 2: 38 1/8"  
LOCATION 3: 68" **Crew**

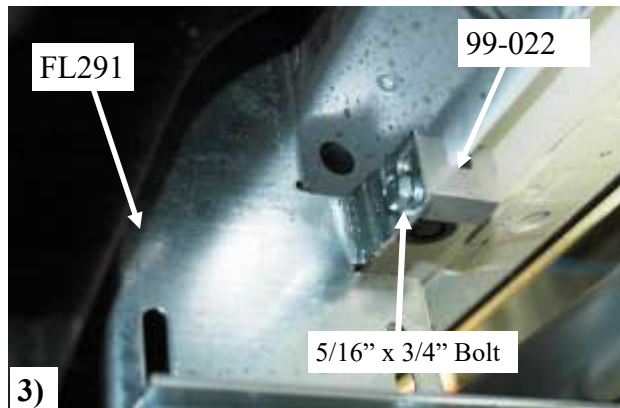


**The following steps are same on both sides of vehicle.**

- 2) At each location mount a 99-022 pinch weld clamp, by tightening the set screws with 1/8" Allen wrench holding with pair of vise grips for leverage. **Picture #2**

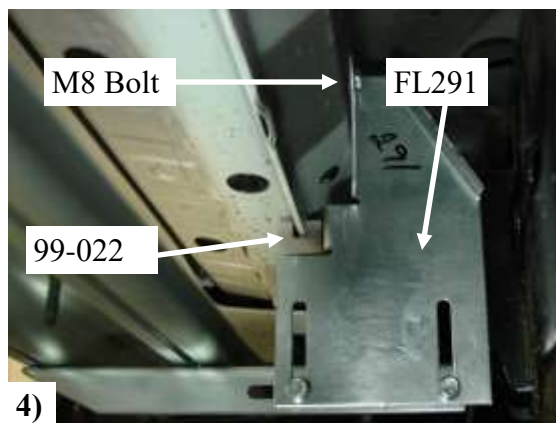
**The use of Loctite on all set screws is highly recommended to insure they do not loosen up.**

**Make sure set screws are as tight as possible.**

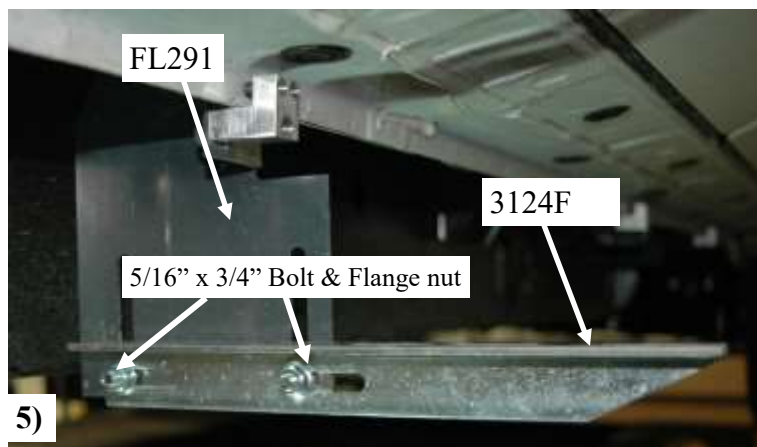


- 3) Install the FL291 bracket to back of the 99-022 pinch weld clamp with a 5/16" x 3/4" bolt, thread through the bracket slot into hole in pinch weld clamp tapped hole. **Picture #3**

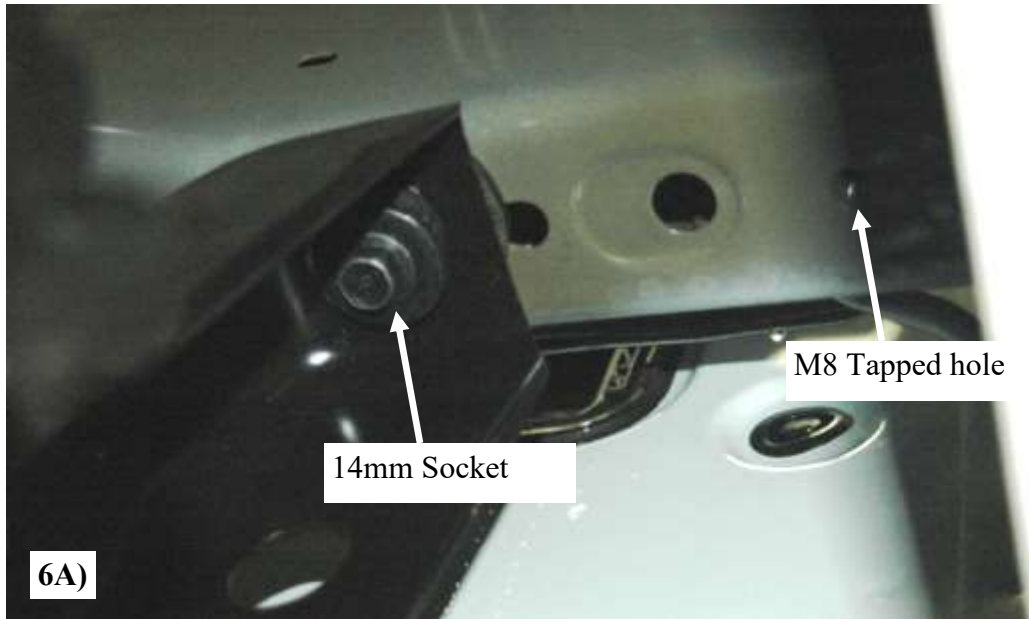
Leave loose at this time for adjustment



- 4) Install the FL291 bracket to back of rocker using a M8 bolt through the slot in top of bracket, threading the M8 bolt into tapped hole in back side of the rocker. **Picture #4**

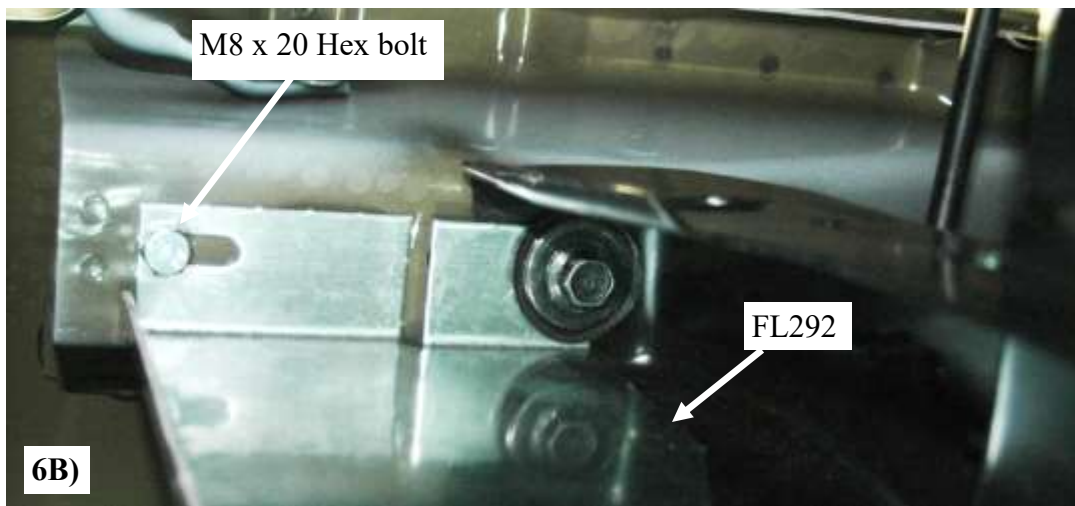


- 5) Attach a 3124F angle bracket to the FL291 with (2) 5/16" x 3/4" bolts and flange nuts. Snug but do not tighten at this time. **Picture #5**

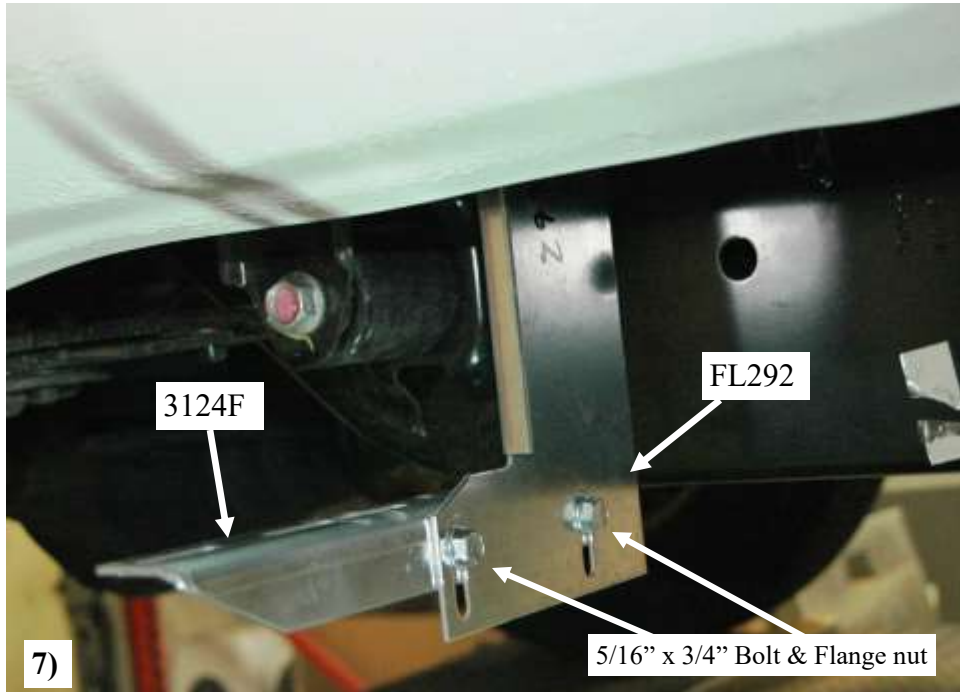


- 6A)** On the front of the bed rail locate the bolt holding the frame to bed. Remove bolt with a 14mm socket. **Picture 6A**

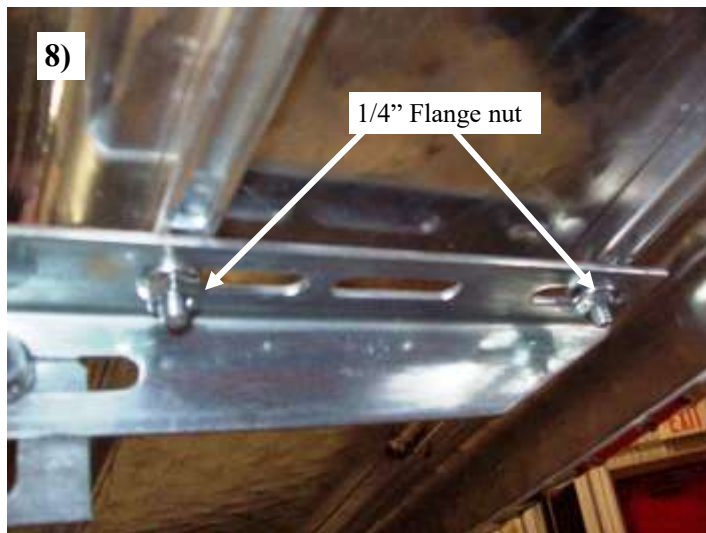
**Note the location of the 8mm tapped hole just in front of the bolt removed.**



- 6B)** Put the FL292 bracket up to the bed rail reinstall the bolt removed and put a M8 x 20 hex bolt supplied in bolt pack through the slot in the FL292 bracket and tighten into the M8 tapped hole in bed rail. **Picture 6B**  
**Tighten both bolts.**



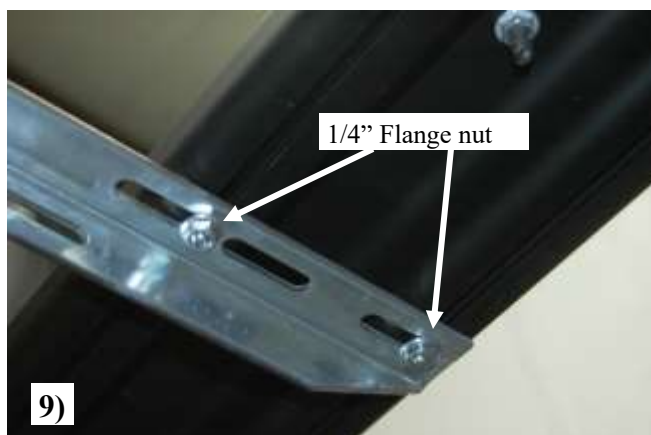
- 7) Attach a 3124F angle bracket to the FL292 with (2) 5/16" x 3/4" bolts and flange nuts. Snug but do not tighten at this time.  
**Picture #7**



### **For Commercial Diamond Tread**

- 8) Place the board on the brackets with the bolts through the slots. Fasten with 1/4" flange nuts.





### **For Fusion Board**

- 9) Slide hex head bolt into both the front track and rear track for each bracket location.

Place the board on the brackets with the bolts through the slots. Fasten with 1/4" flange nuts.

**Picture #9**

10)

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



### **Commercial Diamond Tread**



### **Fusion Board**