



# Installation Instructions

(Part # SB79734 Apollo )  
2019 Jeep JT Gladiator Sliders/Steps

**NOTE: Carefully read entire instructions thoroughly before attempting to install this part.**

**Tools Required:**

Torque wrench

Metric Allen bit set

Pliers

Metric socket & wrench set

**Chock all four wheels and make sure parking brake is engaged before starting this install.**

**Step 1:** Remove any OE rub rails or running boards. Consult your owner’s manual if needed.

**Step 2:** Open the box containing your new sliders, check all parts against the bill of materials, if anything is missing contact Smittybilt technical support immediately.

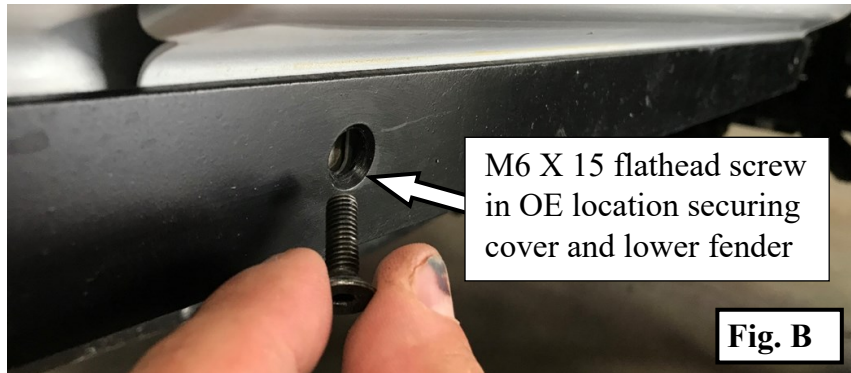
**Step 3:** Remove the (2 each side) OE M6 bolts securing the lower portion of the front fenders. (Fig. A).





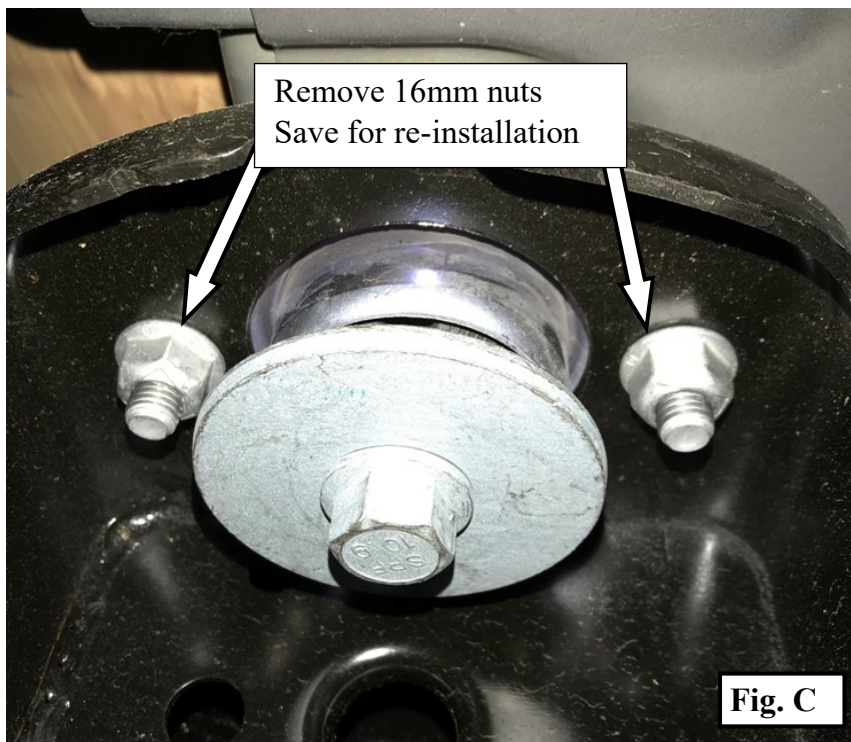
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**Step 4:** Locate the (2) pinch-weld covers and **M6** hardware. Starting on either side of your vehicle, with the *SMITTYBILT* logo at the rearmost corner, position the pinch-weld in place. Using the OE locations from the previous step, secure with the **M6 X 15** flat head screws provided (**Fig. B**). Tighten just snug at this time.



**Step 5:** Install M6 flathead screws in the remaining locations using provided **M6** fender washers and **Nylock** nuts on the back side. Adjust the pinch weld cover to your liking, torque **M6** hardware to **8ft-lbs**. Repeat process on opposite side of vehicle.

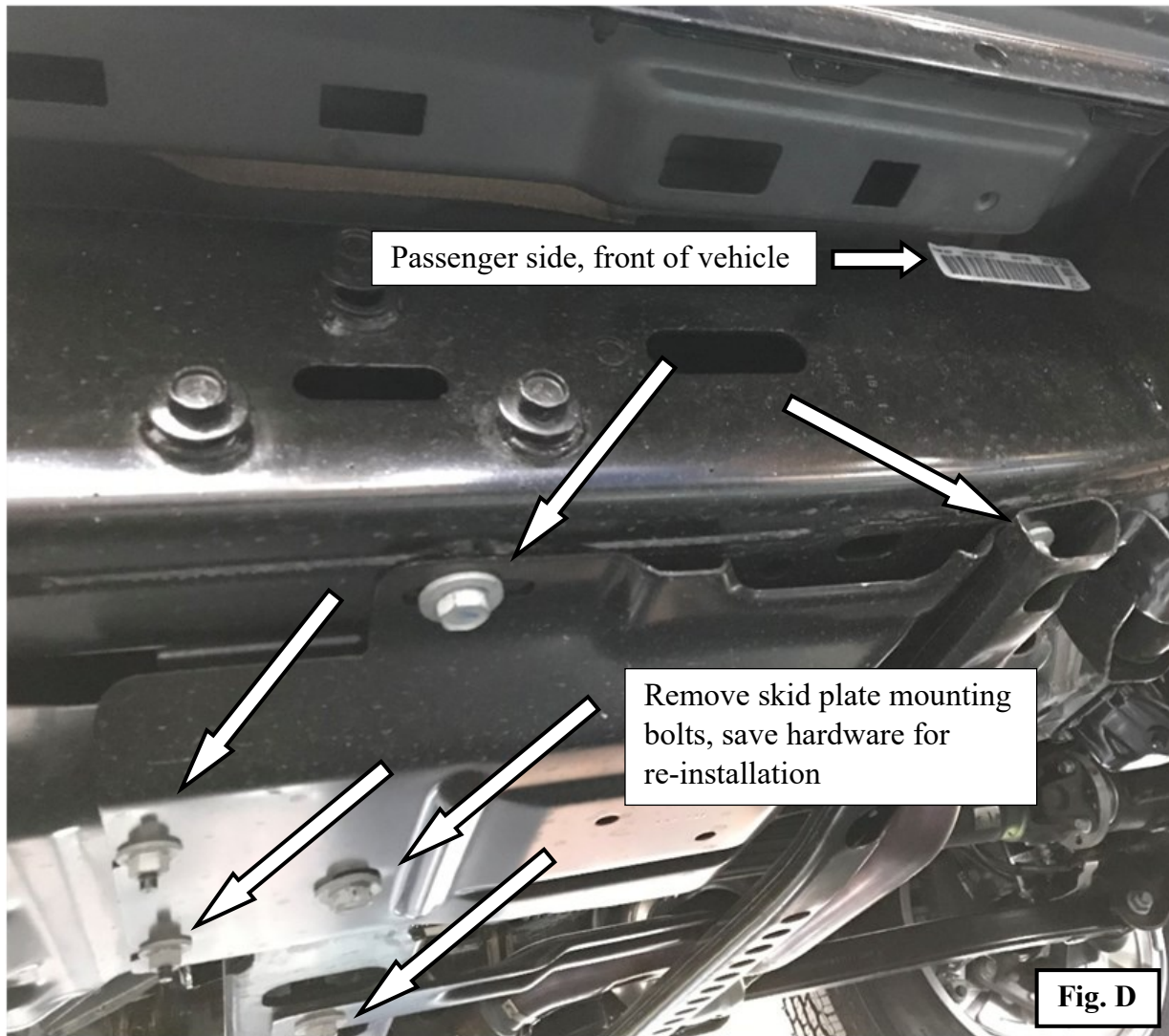
**Step 6:** Locate the body mounts below the doors, under the vehicle. With a 16mm socket remove the (2 each) outer nuts. (**Fig. C**)





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**Step 7:** Looking at the passenger side frame just behind the front tire, if your vehicle has OE skid plates, remove the mounting bolts shown (**Fig. D**) to allow installation of the forwardmost mounting bracket.

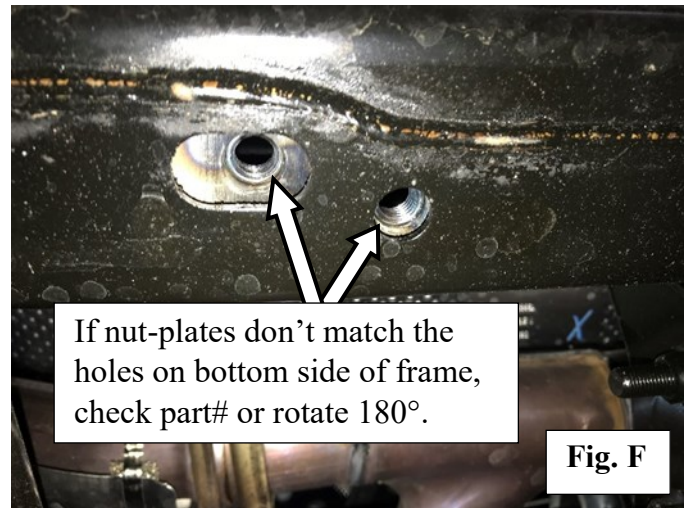
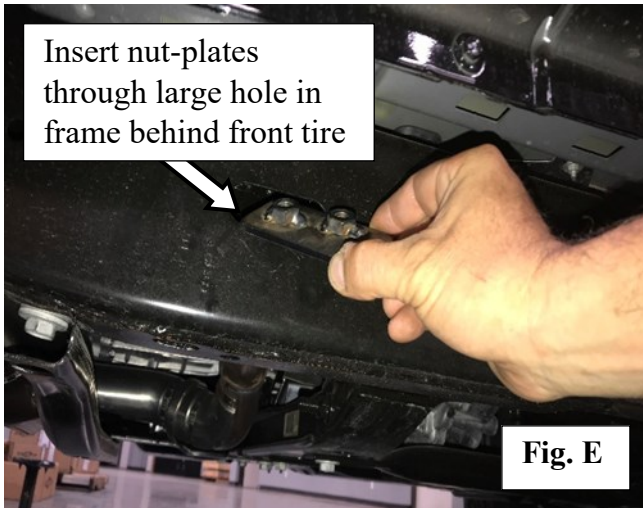






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**Step 8:** Locate nut-plates and insert them into the corresponding frame locations using the large oval hole just behind front tire on each side. **(Fig. E)** Adjust them until they align correctly with the holes in the bottom of the frame. **(Fig. F)**



**Step 9:** Match the sliders/steps to their corresponding sides of the vehicle. Carefully lift and insert the mounting brackets into the body mounts on the frame. **(Fig. G)** Secure in place by loosely re-installing the OE nuts removed in Step 5 **(Fig. E)** Do not tighten this hardware yet. Repeat this step on opposite side of vehicle.

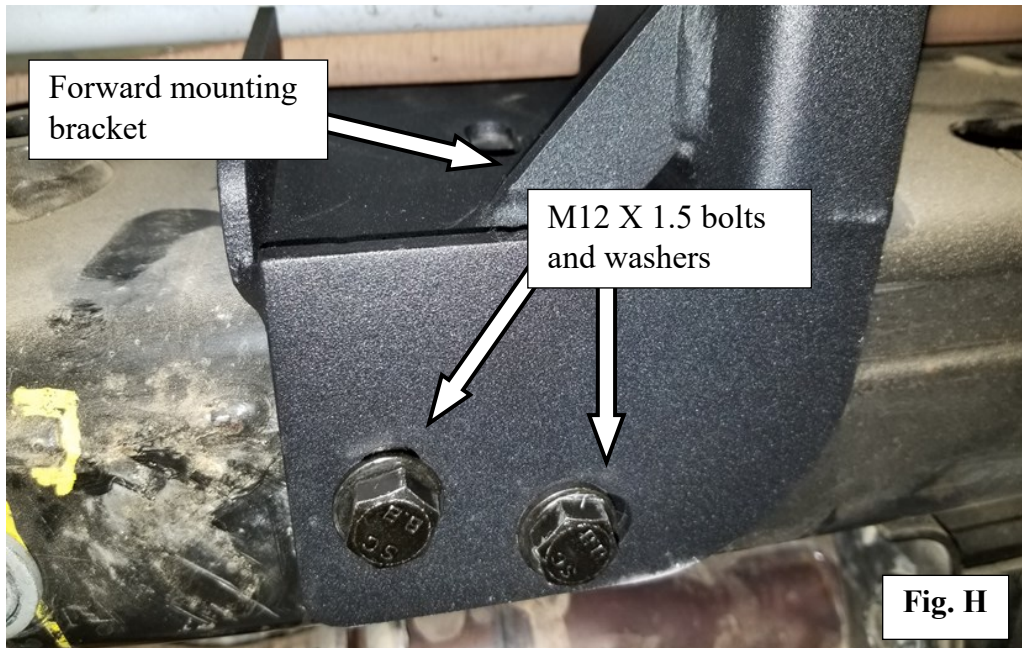




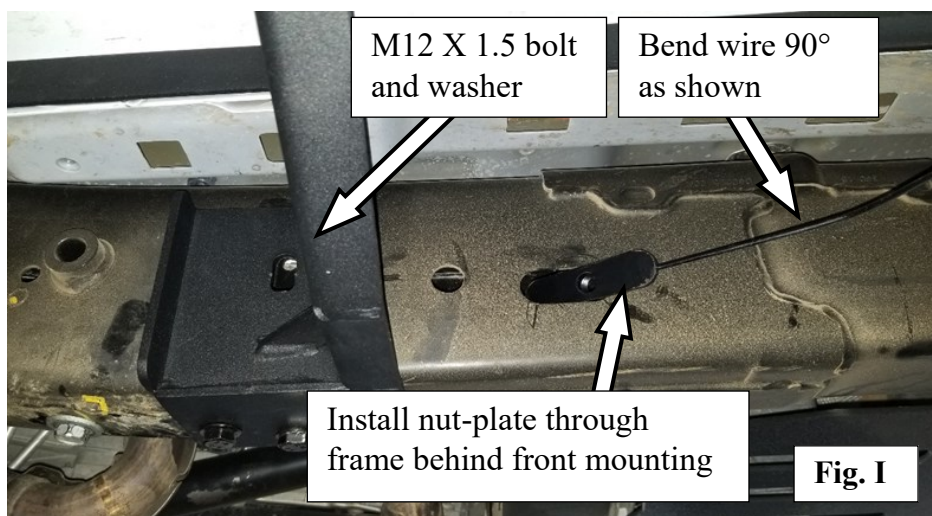
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**Step 10:** Install (2 each side) M12 X 1.5 bolts and washers through the lower holes into the previously installed nut-plates (Step 7). Adjust slider/step and tighten currently installed front and rear mounting hardware hand tight. Repeat process on opposite side of vehicle (Fig. H).



**Step 11:** Locate wired nut-plate. Bend the wire 90° at the nut-plate and insert it through the smaller hole in the frame (Fig. I). Run it up the frame and behind the forwardmost mounting bracket. Make sure that it is perpendicular to the frame with smooth side facing the mounting bracket. Secure with provided M12 X 1.5 bolt and washer, tighten hand tight. Repeat process on opposite side of vehicle.



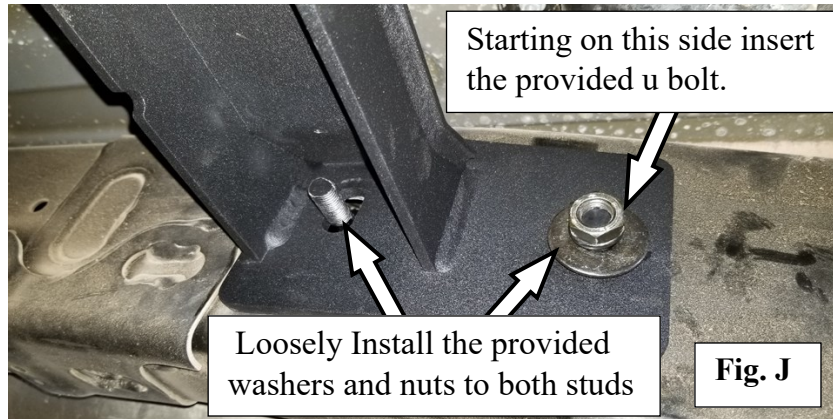




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**Step 12:** Finally install the U-bolt into the rear frame mount. Use the provided (2) oversized washers along with the (2) lock-washers and (2) M12 nuts.



**Step 13:** When both sides are adjusted, and you're satisfied with fitment, tighten and torque all hardware to 50ft-lbs. Install is complete. (Fig. K)





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Use this only as a guide for hardware without a called out torque specification in the instruction manual.

<b>Bolt Torque and ID</b>						
<b>Decimal System</b>			<b>Metric System</b>			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290

1/2-13x1.75 HHCS      **Grade 5    Grade 8**  
(No. of Marks + 2)

D    T    L    X

M12-1.25x50 HHCS

D    T    L    X

G = Grade (Bolt Strength)      P = Property Class (Bolt Strength)

D = Nominal Diameter (Inches)      D = Nominal Diameter (Millimeters)

T = Thread Count (Threads per Inch)      T = Thread Pitch (Thread Width, mm)

L = Length (Inches)      L = Length (Millimeters)

X = Description (Hex Head Cap Screw)      X = Description (Hex Head Cap Screw)



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## **Product cleaning and maintenance instructions**

Stainless Steel Finish – Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap, window or glass cleaner may be used to clean the finish. Dual state powder coat finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish, you may wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or was that contains abrasive that could damage the finish. Textured coated finishes should be cleaned with a mild soap on a damp sponge. Do not apply polish or was that requires to be removed by means of buffing. This type of wax is commonly used at car wash facilities. Chrome Finish – Mild soap, window or glass cleaner may be used to clean the finish. In order to protect the finish, you should wax your product on a regular basis with pure carnauba automotive wax. Do not use any types of soap, polish or was that contains abrasive that could damage the finish.

## **Limited Warranties**

Smittybilt's products are covered under the following limited warranties only. Note that the duration of the limited warranty differs according to the material and finish of the product purchased. Subject to the duration and conditions of the limited warranty stated below, Smittybilt warrants to the original retail purchaser that its products are free from defects in material and workmanship. All other warranties and representations express or implied, are hereby disclaimed, including fitness for merchantability and buyer's intended use or purpose. All parts are sold "AS IS" except for the limited warranties granted herein. Buyer assumes all risks as to the selection, suitability and performance of all goods and products selected. This limited warranty does not cover damage or impairment in any part due to misuse, improper installation, accident or contact with on-road or off-road hazards, product modification, improper or inadequate cleaning and/or maintenance. Smittybilt is not responsible for items damaged during shipping. This warranty is not transferable from the original buyer. For the original Buyer to be eligible for the limited warranty coverage, the Buyer must provide proof of purchase. Smittybilt strongly recommends returning the warranty registration card.

Customer's remedy hereunder shall be limited only to repair or replacement (at Smittybilt's option) of any defective part(s) returned to Smittybilt at customer's expense. The determination of whether or not a returned part is defective or subject to coverage under the limited warranties stated herein shall be made at Smittybilt's sole discretion.

To assure product quality, Smittybilt reserves the right to change product design, material, specification and finishes without prior notice to customers. This limited warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply as to you. Also, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Smittybilt reserves the right to discontinue product lines and substitute products or provide other remedies than those listed in this limited warranty for those discontinued products.

## **Warning**

Rollover and other types of vehicle accidents may result in serious injury or death to you, your passengers and others sharing the road. Smittybilt accessories are decorative and are not intended to reduce or avoid injury or damage in the event of an accident. The weight and location of Smittybilt accessories may affect your vehicles' handling, stability and performance, creating an increased risk of accident or rollover. Before installing any accessory, check state laws and assure that the accessory will not obscure any lights or interfere with proper operation on your vehicle's safety equipment. Consult your owner's manual and the Smittybilt instructions, or additional safety information. Smittybilt products, nor the warnings contained herein, are not a substitute for your safe driving. Don't drink and drive, always use seat belts and don't drive faster than conditions permit.