

INSTALLATION INSTRUCTIONS

4920 B-C-PS

2002-2005 Land Rover Freelander

Parts List :

QTY	(1) Hardware kit including :		
(1) Sidebar set (Driver & Passenger)	(4) 5/16 x 1 1/4" Hex head bolts	(1) Bolt guide	(1) 1/4" Hex nut
(4) Mounting brackets (Driver & Passenger)	(4) 5/16" Flat washers	(1) 1/4" Hex nut	(4) 1/4" Insert nuts
	(4) 5/16" Lock washers	(8) 3/8 x 1 1/4" Hex head bolts	(8) 3/8" Flat washers
	(4) 5/16" Hex nuts	(8) 3/8" Flat washers	(8) 3/8" Lock washers
	(4) 1/4 x 1" Hex head bolts		
	(4) 1/4" Flat washers		

Tools Required :

7/16" Socket	7/16" Wrench	1/2" Wrench
9/16" Socket	1/2" Socket	Ratchet

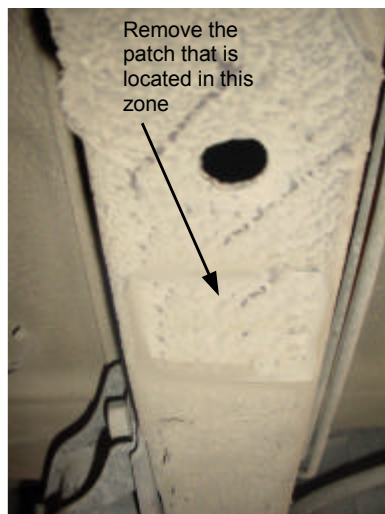
Instructions :

Approximated installation time: 30 min.

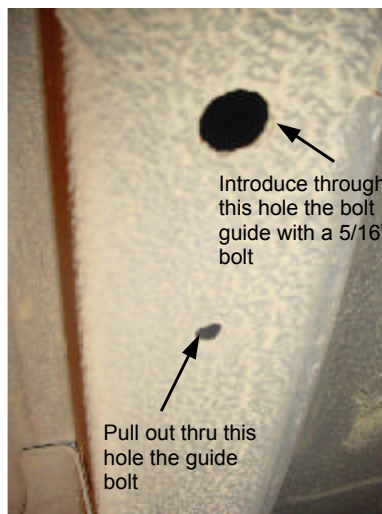
1. Read and understand instructions completely before beginning installation.
2. Sidebar set consist of a driver and passenger side. The largest sidebar leg goes at rear of the vehicle. Be sure to determinate the correct side before installation.
3. Locate existing hole in the frame of the vehicle, as shown in Picture 1. Then locate the covered hole approximately 2" far from exposed hole. Picture 2. The location of the covered hole in the front of the vehicle is toward the front and in the back of the vehicle is toward the rear. **Note:** You must remove the patch that covered the hole.
4. Introduce the bolt guide with a 5/16 x 1 1/4" hex head bolt through the largest hole and pull out the bolt guide thru the uncovered hole. Picture 3.
5. Now locate the covered hole in the rocker panel. It is located in front of the two holes mentioned in the last step, see as reference the Picture 4, 5. & 8 **Note:** You must remove the patch that covered the hole.
6. Place 1/4" insert nut in the exposed hole on the rocker panel. Attach the insert nut to the rocker panel using the 1/4" bolt and hex nut. Hold the nut while fastening the bolt until the insert nut does not spin around into the hole. Picture 6 & 7. **Note:** Once the insert nut is attached to the frame of the vehicle, remove the 1/4" bolt and nut.
7. Place the mounting bracket up to the vehicle and secure to the 5/16 x 1 1/4" hex head bolt, using 5/16" flat and lock washers and hex nut. Fasten to the insert nut using 1/4 x 1" hex head bolt and flat washer. Do not tighten at this time.
8. Place the sidebar up to the front and rear mounting brackets and bolt to the mounting brackets using the 3/8 x 1 1/4" hex head bolts, flat and lock washers. Leave loose.
9. Make any final adjustments to the alignment of the sidebar and tighten all bolts. Repeat for the opposite side.
10. You may need to periodically re-tighten the bolts.

Assembly Diagram :

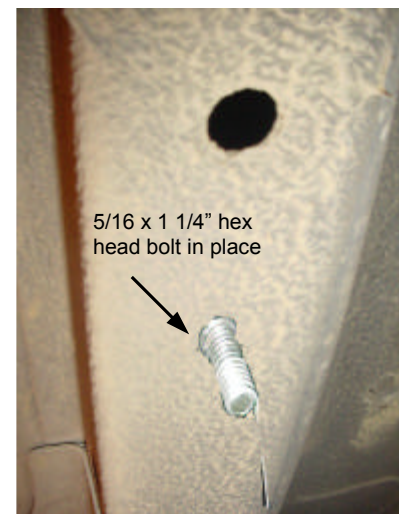
Picture 1



Picture 2



Picture 3

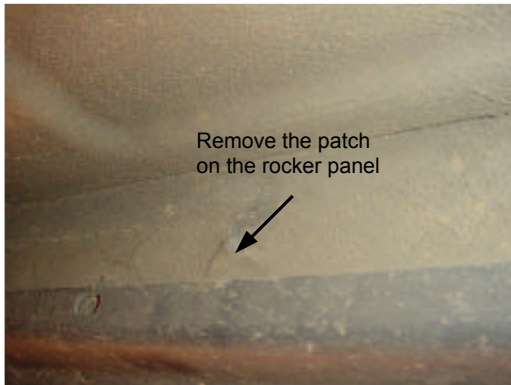


Front of the vehicle
(passenger side)

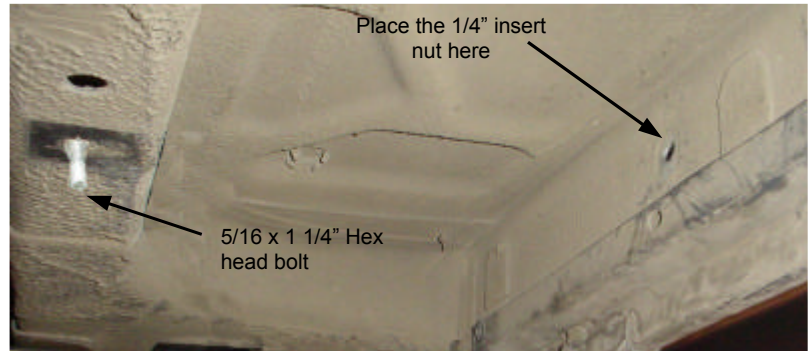
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Picture 4

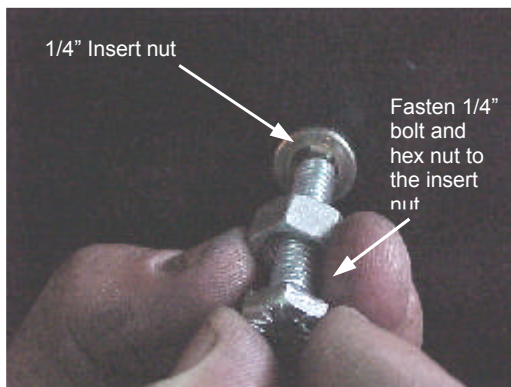


Picture 5

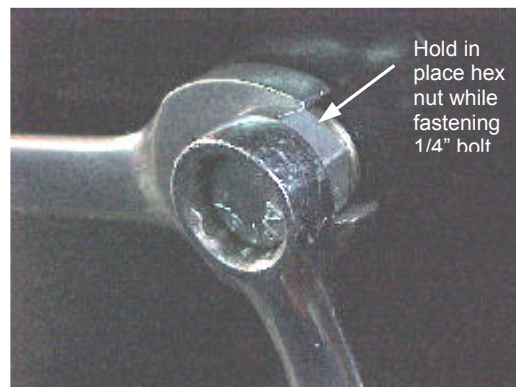


Front of the vehicle
(Passenger side)

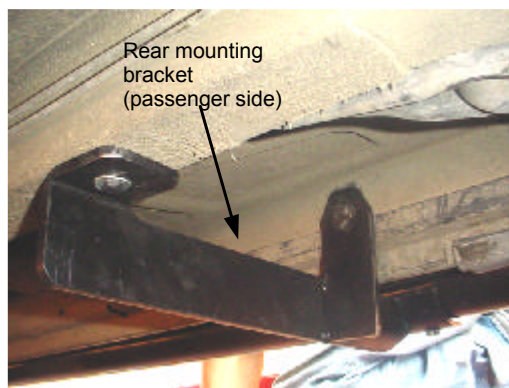
Picture 6



Picture 7



Picture 8



Cleaning and care instructions :

Protect the finish with a non-abrasive automotive wax, (e.g. Pure Carnauba) on a regular basis. The use of any soap, polish, or wax that contains an abrasive is detrimental to the finish, as the compounds scratch the finish and cause corrosion.