

Jeep Grand Cherokee WL 5-Seater 2022 - Current Rock Sliders with Step

IMPORTANT! – READ BEFORE INSTALLATION

- This product must be installed exactly as per these instructions using only hardware supplied.
- Take a few moments to read instructions thoroughly before beginning work.
- In the event of damage to any component please contact OFFROAD ANIMAL to arrange repair/replacement of components.
- Do not use this product for any vehicle make or model other than that specified on these instructions.
- Do not remove labels from this product.
- This product and its fixings must not be modified in any way unless stated in these fitting instructions.
- The installation of this product is recommended for trained personnel.
- These instructions are correct at time of publication. OFFROAD ANIMAL cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer. If you find something has changed please contact us to let us know!
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- If Instructions are to be printed for reference in the workshop, it is recommended that they are printed in colour, for best legibility.
- Fitting Time: 3 hours

GENERAL CARE AND MAINTENANCE

Only wash the product with a PH neutral car wash to prevent paint damage and discolouration.

Plastic parts may be maintained with silicone spray.

Do not use acidic or alkaline based cleaning products.

It is important to perform regular checks (pre trip or on an annual basis) on the installed product. Checks include:

- Visual inspection for damage (eg. cracks, chips, dents etc.)
- Electrical wiring is not rubbing anything or worn out
- Bolts are torqued to correct specification (see torque guide below)

For touching up small stone chips, Offroad Animal recommends the following paint products:

- Dupli-Color Trim & Bumper Paint Black (TB101)
- VHT Hood, Bumper & Trim Paint Black (SP27)

BOLT TORQUE SETTINGS

Use the following bolt torques on all general fasteners, unless otherwise specified.

GENERAL FASTENERS	
Size	Torque Nm
M5	5 Nm
M6	9 Nm
M8	22 Nm
M10	44 Nm
M12	77 Nm

Use the following bolt torques on all structural front bar mount and tow point fasteners, and rear towbar fasteners, unless otherwise specified.

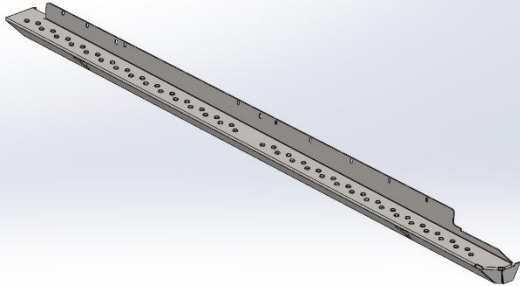
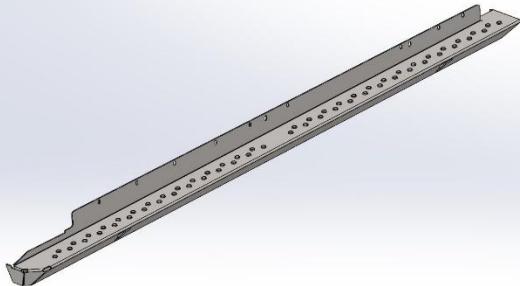
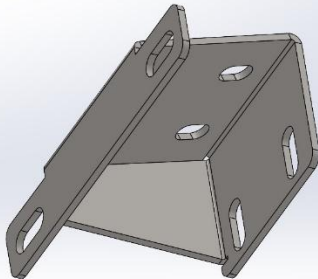
FRONT BAR MOUNTS AND TOW POINTS + REAR TOWBAR	
Size	Torque Nm
M10	57 Nm
M12	100 Nm
M14	164 Nm
M16	248 Nm

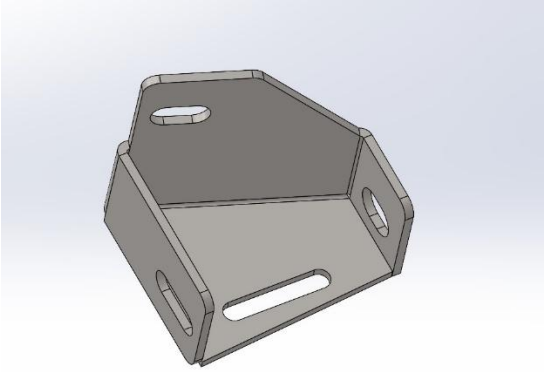
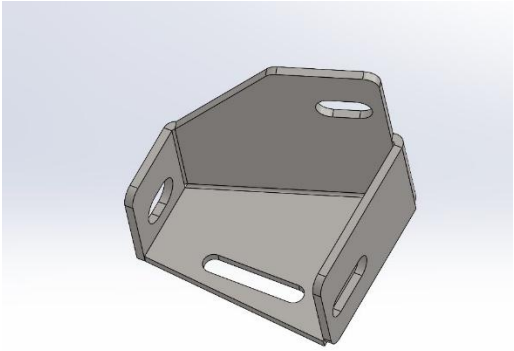
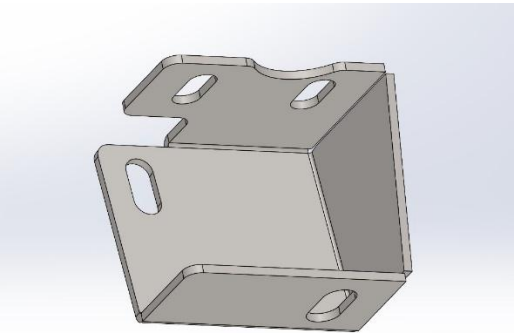
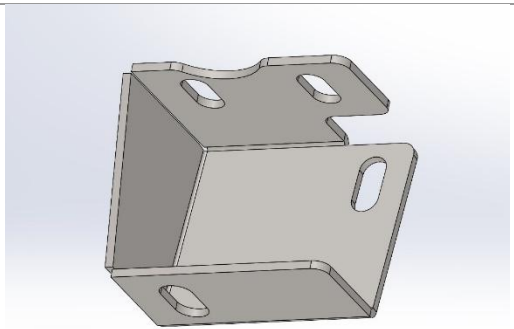
Always use a torque wrench to set correct torque settings. Ensure torque wrench is set to Nm unit of measurement. Otherwise perform conversion to lb-ft.

PARTS LISTING

IMPORTANT: Check all parts are present before beginning work! Contact OFFROAD ANIMAL if something is missing.

Main Parts – In the Box

Qty	Part Number	Description	Image
1	B-0915R	WL SLIDER STEP RH	
1	B-0915L	WL SLIDER STEP LH	
6	B-0916	Slider Step bracket	

1	B-1018R	WL SLIDER END BRACKET RH	
1	B-1018L	WL SLIDER END BRACKET LH	
1	B-1019R	WL SLIDER END BRACKET FRONT RH	
1	B-1019L	WL SLIDER END BRACKET FRONT LH	

Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
2	OFA-Logo	Offroad Animal Metal Logo plate
20	M6x20 BHCS B/Z	M6 x 20 Button Head Cap Screw, Black Zinc
18	M6 FW B/Z	M6 Flat Washer Black zinc
4	M8 x 20 BHCS Blk Zn	M8 x 20 Button Head Cap Screws, black Zinc plate
4	M8 FW Blk Zn	M8 Flat Washer Black Zinc plate
20	M8 Hexsert	M8 Hexsert
16	M8 x 20 CS	M8 x 20 Cap Screw Zinc plate
48	M8 FW	M8 Flat Washer Zinc plate
32	M8 FN	M8 Flange nut
32	M8 x 20 Hex	M8 x 30 Hex Bolt, gr 8.8 Zinc plate
2	M6 MGW	M6 Mud Guard Washer
2	M6 FN	M6 Flange Nut


TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
<ul style="list-style-type: none">-8mm Spanner-10mm Spanner-13mm Spanner (or wrench for you yanks)-4mm Allen Key-5mm Allen Key-6mm Allen Key-Nutsert Gun-9mm Drill bit (or imperial equivalent)-Trim tool or flat screw driver- Utility knife	<ul style="list-style-type: none">Power Drill	<ul style="list-style-type: none">-Trolley, bottle, or scissor Jack-Nutsert Gun

WORKSHOP SAFETY

It is the responsibility of the installer to always complete works in a safe manner. Make sure the following safety equipment is available and precautions are observed whilst fitting this product.

<p>Hearing Protection</p> 	<p>Always wear ear protection when using power tools.</p>
<p>Eye Protection</p> 	<p>Ensure eye protection is always worn when cutting or drilling.</p>
<p>Manual Handling</p> 	<p>Do not attempt to lift bar assemblies or rock sliders on your own.</p> <p>Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.</p>
<p>Vehicle Support</p> 	<p>Always ensure vehicle is properly supported when working on it. Do not attempt to fit products whilst suspension work is being carried out. Do not work under a vehicle supported only by a jack.</p>



1. Remove 2x screws per corner holding in felt liner. 8 screws in total.

TOOLS REQUIRED

8mm spanner

FASTENERS

Discard



<div>2. Crawl under the vehicle and use a trim tool or flat blade screwdriver to release all the quick clips holding the sill cover on.</div> <div>3. Repeat for other side.</div>	TOOLS REQUIRED Trim tool or Flat blade screwdriver
	FASTENERS



<div>4. Using a plastic trim tool or a rag wrapped over a flat blade screwdriver, separate the sill panel from the vehicle.</div> <div>5. Once all the clips have been broken off step on the sill cover to drop it off the vehicle.</div> <div>6. Remove all the broken clips on the side of the vehicle. A trim tool will make this easier</div>	TOOLS REQUIRED Trim tool or Flat blade screwdriver
	FASTENERS None

Right hand side rear of vehicle shown.



7. Starting from the rear, skip the first two holes and then mark the next 2. Open the holes to 9mm or imperial equivalent to suit M6 nutserts, skip the hex hole and then open the next hole.

Basically, you want the nutsert to just barely fit into the hole.

TOOLS REQUIRED

9mm Drill bit
Electric power drill

FASTENERS

Right hand side front of vehicle shown.



8. Moving to the front, with the front door open. Open up all the small round holes except the forward most one and the one that is obscured by the rear door.	TOOLS REQUIRED 9mm Drill bit Electric power drill
	FASTENERS



9. Using a nutsert gun install M6 nutserts into each hole you drilled larger.
10. Repeat for other side.

TOOLS REQUIRED

Nutsert gun

FASTENERS

M6 Nutserts



11. Install the M8 hexserts in all the hex holes. 2x on each side face and 8x underneath on each side.
12. Repeat for other side.

TOOLS REQUIRED

Nutsert Gun

FASTENERS

M8 Hexsert (20x)



13. Install 3x B-0916 slider step brackets per side, as shown.
Use M8x20 hex bolts and washers through pinch then into a flange nut, and M8 x 20 Cap screws through into hexserts.

Note: On early production batches, M8x30 hex bolts are supplied instead. If fitting to a 4xe model, M8x20 hex bolts or 5/16"x3/4" imperial bolts (can be found at Home Depot) will be required instead due to low clearance to hybrid batteries.

14. Leave bolts finger tight only.

TOOLS REQUIRED

6mm hex/Allen Key
13mm Spanner

FASTENERS

M8 x 20 Cap screws (12x)
M8 x 20 Hex bolt (12x)
M8 FW (24x)
M8 flange nut (12x)



15. Front bracket shown here fitted, using the front bolt through pinch. Remove factory bolt and reuse to install bracket B-1019. Leave bolts finger tight.

Note: On early production batches, M8x30 hex bolts are supplied instead. If fitting to a 4xe model, M8x20 hex bolts or 5/16"x3/4" imperial bolts (can be found at Home Depot) will be required instead due to low clearance to hybrid batteries.

16. Repeat for other side.

TOOLS REQUIRED

6mm hex/Allen Key
13mm Spanner

FASTENERS

M8 x 20 Hex bolt (2x)
M8 Flat Washers (4x)
M8 x 20 Cap screw (2x)
M8 flange nut (2x)



17. Install rear bracket B-1018R as show with same hardware as previous step. Leave bolts finger tight.
18. Fit an M6 bolt through felt into rear bracket as shown. Use the Mud guard washer on the felt side.
19. Repeat for other side .

TOOLS REQUIRED

6mm hex/Allen key
13mm Socket

FASTENERS

M8 x 20 Hex bolt (4)
M8 Flat Washers (4)
M8 x 20 Cap screw (2)
M8 FN (4)
M6 x 20



20. Open both front and rear doors.

21. With the help of a friend, or a jack or lifting trolley, lift the slider step up to the vehicle.


22. Line up the side holes of the slider with the M6 nutserts and secure in place with a few M6 button head cap screws.

TOOLS REQUIRED

4mm hex/Allen Key

FASTENERS

M6 x 20 BHCS
M6 Flat Washers

	
23. Fit all M6 black button head bolts and flat washers into the side of the slider into M6 nutserts.	TOOLS REQUIRED 4mm hex/Allen Key
	FASTENERS M6x20 button head (18x) M6 flat washers (18x)



24. Fit M8 x 20 hex bolts washers and flange nuts to secure slider step to all the 5 brackets you already fit to the underside.
25. Once all bolts are in place, torque each bolt. If you're super anal about torque specs google is your friend.
26. Repeat for other side.

TOOLS REQUIRED

13mm spanner

FASTENERS

M8 x 20 Hex Bolt (16)
M8 FW (16)
M8 FN (16)



27. Trim any felt liner at the front or back that is overhanging and make it look nice and neat.

28. You're all done, go enjoy the extra protection to the underside of your WL.

TOOLS REQUIRED

Utility knife

FASTENERS