

Jeep Grand Cherokee WK2 2011-2021 Rear Bar

IMPORTANT! – READ BEFORE INSTALLATION

- This bar only works with the factory Mopar tow bar in Australia and USA.
 There may be others it works with so please confirm with Offroad Animal.
 Generally, only will work with one that mounts on the inside of the chassis rails. Does not work with Hayman Reese branded Tow bar.
- 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: 2 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 fasteners, unless otherwise specified.

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.

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

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	RB-JGC-WK2-11- ASM1	WK2 REAR BAR	
1	RB-JGC-WK2-11- ASM2	WK2 rear nut plate asm	

Small Parts - Contained in Small Parts Kit Bag

Qty	Part Number	Description
5	M16 x 65	M16 x 65 Hex ZP 8.8
1	OFA-Logo	Offroad Animal Metal Logo plate
1	M16 x 2.0 N	M16 x 2.0 Nut
5	M16 FW	M16 Flat Washer Z/P
1	M16 SW	M16 Spring Washer
1	Pinch Weld	Pinch Weld Black 14mm x 9mm x 3M
	Black 3M	

TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
-Trim Tool or flat head		Lifting trolley
screw driver		
- Side cutters		
-T30 Torx Bit		
- T20 Torx Bit		
-10mm spanner or		
socket		
-15mm Spanner or		
socket		
-18mm Spanner or		
socket		
- 23mm Spanner or		
socket		

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.

Hearing Protection	Always wear ear protection when using power tools.
Eye Protection	Ensure eye protection is always worn when cutting or drilling.
Manual Handling	Do not attempt to lift bar assemblies or rock sliders on your own. Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.
Vehicle Support	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.



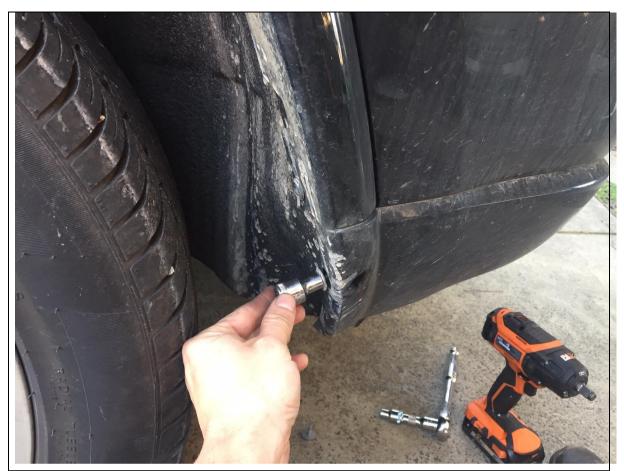
1. Open tail gate and remove screw with T30 Torx bit shown on LH and RH side.

Tools Required

T30 Torx bit

Fasteners

Retain for reuse



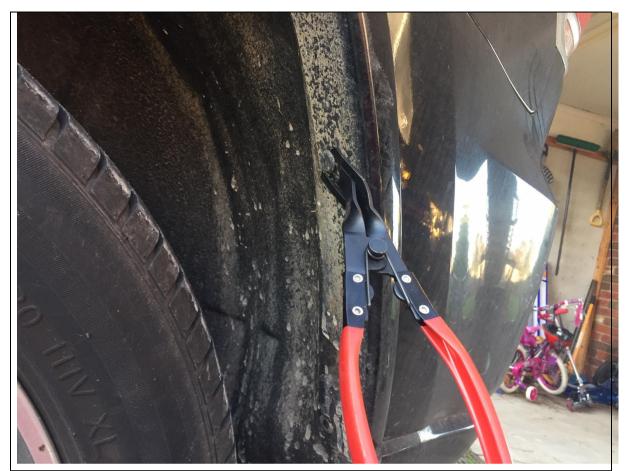
2. Remove lower bolt on both sides with 10mm spanner or socket.

Tools Required

10mm spanner or socket

Fasteners

Retain only if you want to revert back to factory bumper one day



3. Pry off plastic rivets on both sides.

TOOLS REQUIRED

Trim tool or flat head screw driver

FASTENERS

None



4. Peel back flare and remove small screw with T20 Torx bit behind. Repeat for other side.

TOOLS REQUIRED

T20 Torx bit

FASTENERS

Retain only if you want to revert back to factory bumper



5. Remove Small bolt shown in middle, repeat for other side. Use 7mm spanner or socket

TOOLS REQUIRED

7mm Spanner or Socket

FASTENERS

Retain for reuse



6. Remove screw with 10mm Socket or spanner, repeat for other side.

TOOLS REQUIRED

10mm socket or spanner

FASTENERS

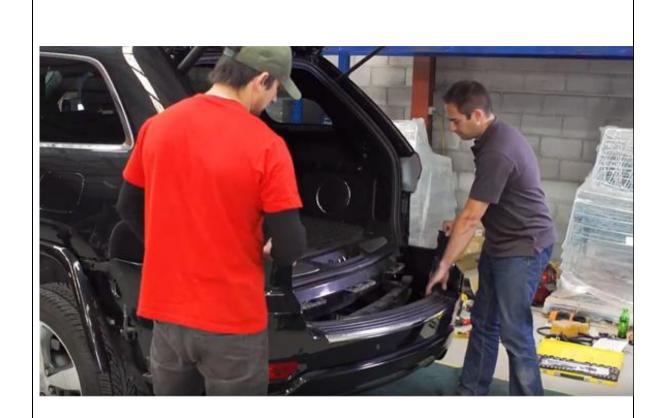
Retain for later use



7. Pull flare aside with use of flat screwdriver on each clip to release from body. Repeat for other side.

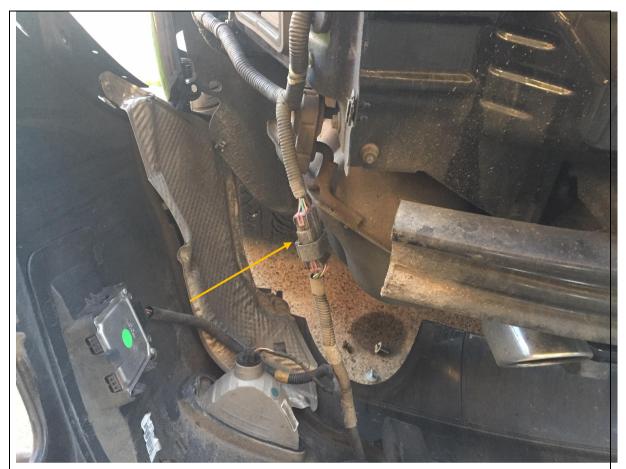
TOOLS REQUIRED

Flat head screw driver



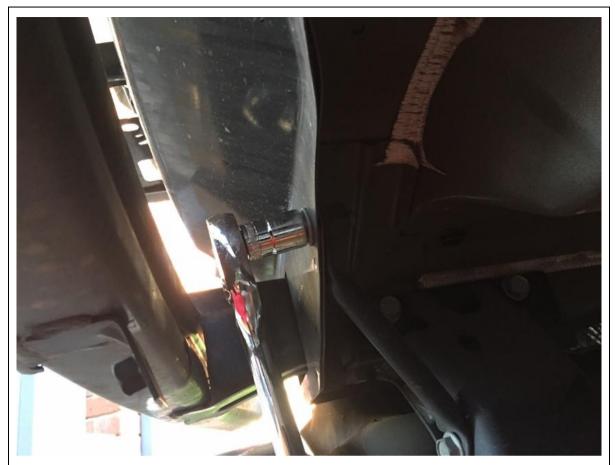
8.	With help of a friend pull bumper off Jeep	

TOOLS REQUIRED



9. Unplug loom for rear fog lights and rear parking sensors if fitted.

TOOLS REQUIRED



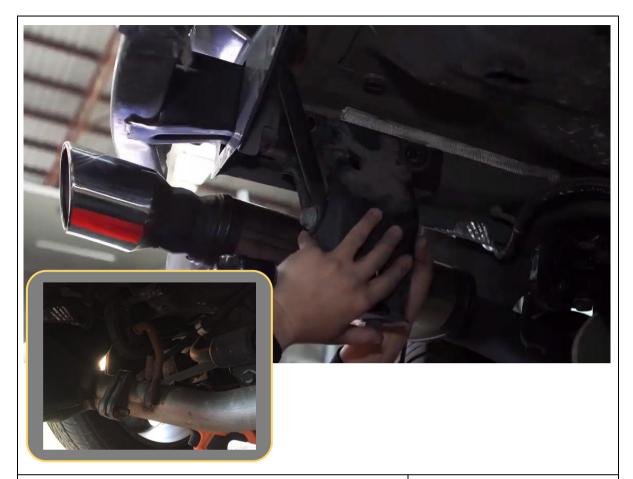
10. Remove Tow point on LHS of Jeep using 18mm and 23mm spanners or sockets.

TOOLS REQUIRED

18mm socket or spanner 23mm socket or spanner

FASTENERS

Discard fasteners



11. Remove Tow point

12. Remove fasteners for LH muffler and let it hang using 15mm socket

TOOLS REQUIRED

15mm socket or spanner

FASTENERS

Retain for later use



13. Remove rear bumper reinforcement if fitted. If you already have a tow bar this will already be gone.

TOOLS REQUIRED

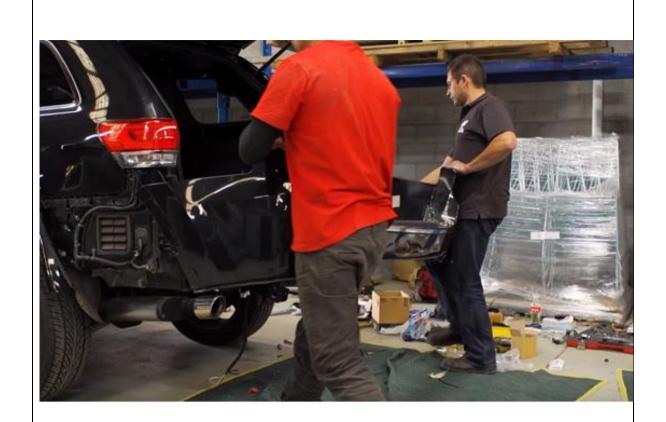


14. Split lower section of bumper from upper section. Use pry tool, flat head screw driver and T20 Torx bit

TOOLS REQUIRED

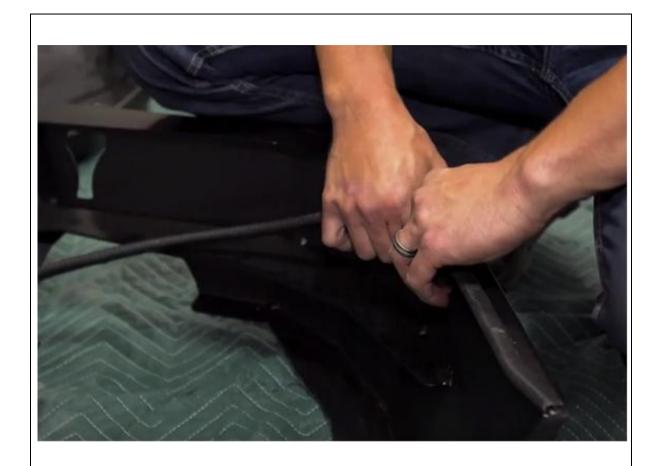
Flat head screw driver or Pry tool/Trim tool

T20 Torx Bit



15. Reinstall upper bumper section and refit all hardware removed.

TOOLS REQUIRED



16. Install pinch weld on top and side edges of steel rear bar. Trim extra length off with side cutters.

TOOLS REQUIRED

Side cutters



17. With the help of that friend of yours, lift the bar onto the vehicle while one lies underneath and starts all the bolts.

Here you will also put the nut plates into the chassis and secure with M16 fasteners.

Use 23mm spanner or socket.

TOOLS REQUIRED

23mm Spanner or socket

FASTENERS

RB-JGC-WK2-11-ASM2



- 18. Use M16 bolts, spring washer then flat washer through Offroad Animal rear bar, Jeep chassis then through tow bar (if fitted) and secured into Nut plates.
- 19. Reuse bolts from factory point to secure bottom of LHS mount.

TOOLS REQUIRED

23mm Socket of spanner

FASTENERS

M16 x 65 (2) M16 FW (2)

M16 SW (2)

Re-use Factory bolts



- 20. Repeat for RHS, and use 1 x M16 nut on inside of chassis and bolt from underneath.
- 21. Once you're happy with position of bumper on Jeep, torque down all bolts.

TOOLS REQUIRED

23mm Spanner or Socket

FASTENERS

M16 x 65 (3)

M16 FW (3)

M16 SW (3)

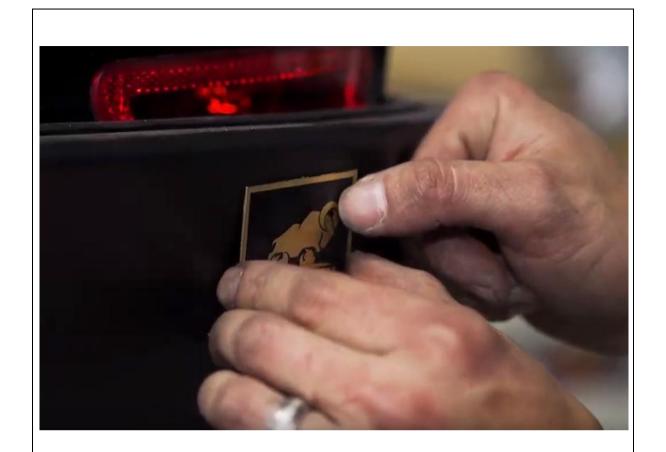
M16 Nut



22. Trim felt liner to suit new bar with box cutter.

TOOLS REQUIRED

Box Cutter



23. Peel off backing to Offroad Animal Logo and place on visible edge of bumper.

TOOLS REQUIRED



24. You're all done, go out and enjoy the new rear end protection you have.

TOOLS REQUIRED