



Jeep Grand Cherokee WK2

MY2011-2019

Bash Plate

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.
- 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: 30 min

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.

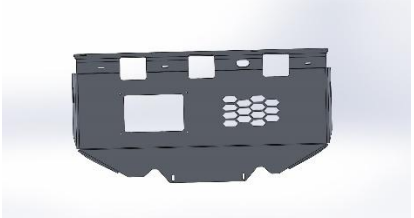
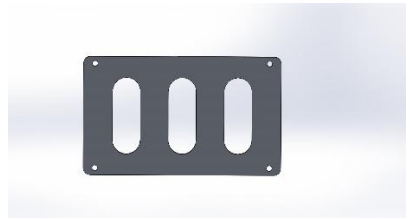
FRONT BAR MOUNTS AND TOW POINTS + REAR TOWBAR	
Size	Torque Nm
M10	57 Nm
M12	100 Nm
M14	164 Nm
M16	248 Nm

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-0023	Wk2 BASH PLATE	
1	P-0016	WK2 BASH PLATE COVER PLATE	

Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
4	M6 x 16 BHCS BZ	M6 x 16 Button Head Cap Screws, Black Zinc
4	M6 FW BZ	M6 Flat Washer Black Zinc
2	M8 x 55 BHCS	M8 x 55 Button Head Cap screw zinc
2	M8 FW	M8 Flat washer
1	OFA-Logo	Offroad Animal Metal logo
2	P-0024	Ranger tow point spacer

TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
10mm Spanner or 10mm Socket 13mm Socket or 13mm Spanner Ratcheting Socket Wrench 4mm Allen Key 5mm Allen Key	None	None


GENERAL WARNINGS

The access panel is designed for V8 models maintenance however it does suit all models.

This bad boy should protect you from serious rocks, but watch the rest of your jeep.

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>



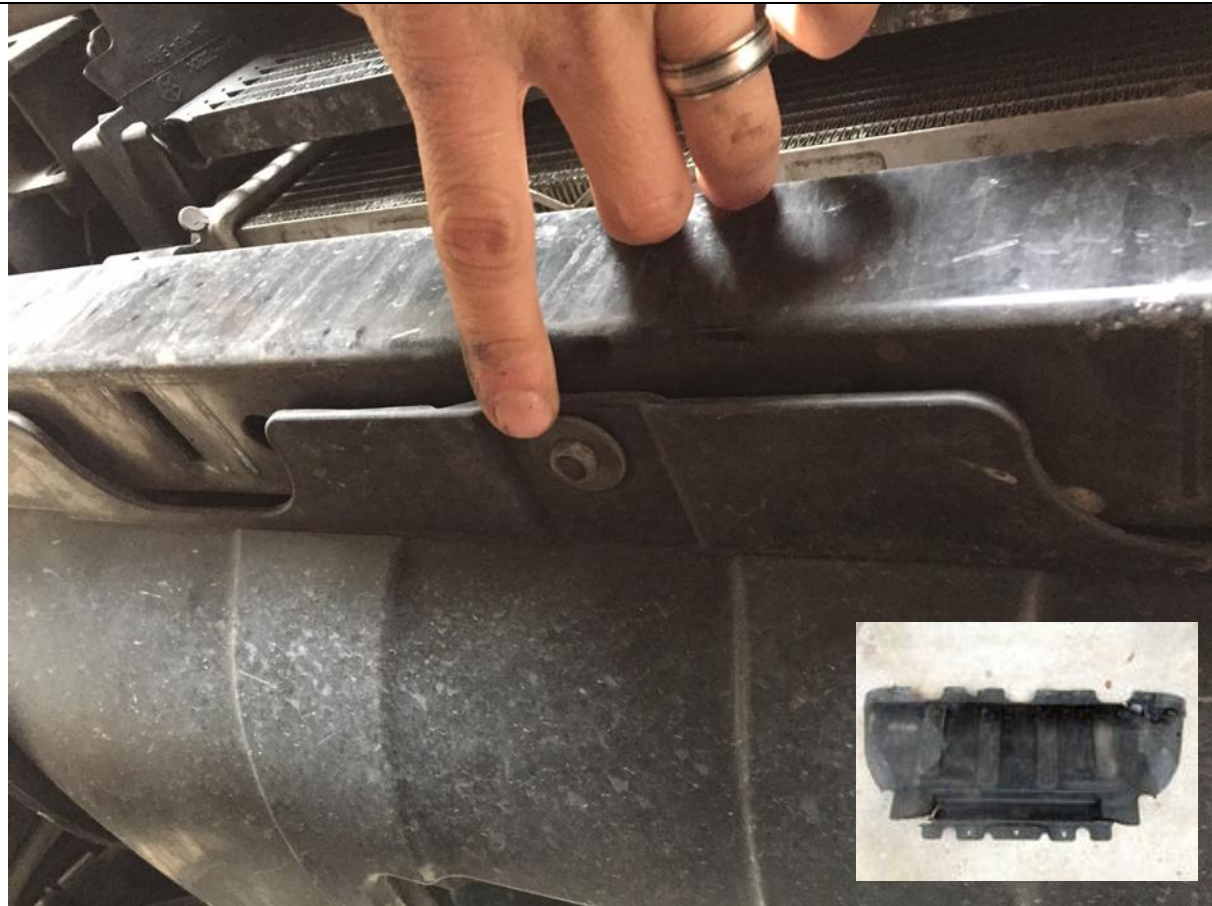
1. First step is to remove the lower air dam fascia. To do this climb under your Jeep and remove all 5 quarter turn clips by hand. Two are tucked up high in each corner and 3 in the middle.
2. Once they are removed pull the entire lower air dam away from the Jeep by hand.

TOOLS REQUIRED

None

FASTENERS

Retain



3. Remove factory Lower Radiator Cover. 3x M6 bolts on front and 2x M8 bolts on back. Use 10mm socket or spanner for front and 13mm for rear.

TOOLS REQUIRED

10mm Socket / Spanner
13mm Socket / Spanner

FASTENERS

Retain for re-use



4. Position bash plate up to where factory cover was.

TOOLS REQUIRED**FASTENERS**



5. Reuse factory hardware and secure front of plate to cross member.

TOOLS REQUIRED

10mm socket / spanner

FASTENERS

Re-use Factory hardware



6. Fit M8 Button head cap screws to rear of bash plate in factory threaded clips.

TOOLS REQUIRED

5mm Allen Key

FASTENERS

2x M8 button head
2x M8 Flat washers



7. Fit cover panel with M6 button head cap screws and washers.

TOOLS REQUIRED

4mm Allen Key

FASTENERS

4x M6 x 16 BHCS
4x M6 Flat washer



8. Refit lower skid and air damn with factory hardware.
9. Now you're ready to rock and roll (hahaha did you get my joke there. It's ok if you didn't)

TOOLS REQUIRED**FASTENERS**

Factory hardware