



Jeep Wrangler JK

MY2007-2018

Rear Bar

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.
- Estimated install 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 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.

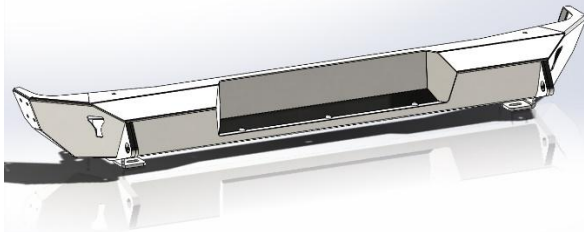
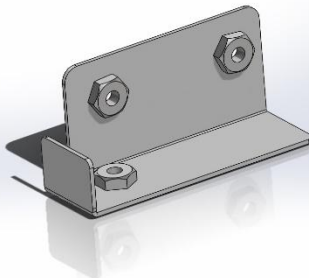
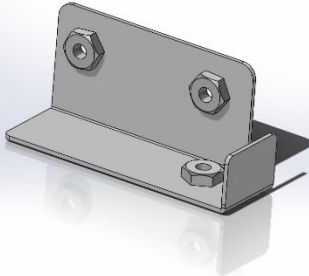
FRONT BAR MOUNTS AND TOW POINTS + REAR TOWBAR	
Size	Torque Nm
M10	57 Nm
M12	100 Nm
M14	164 Nm
M16	248 Nm

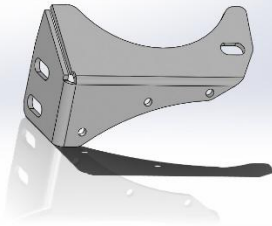
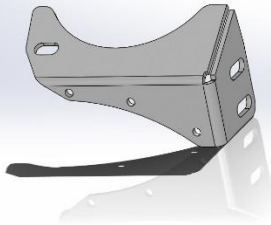
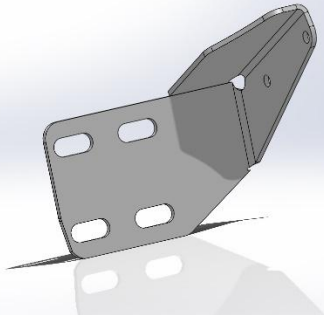
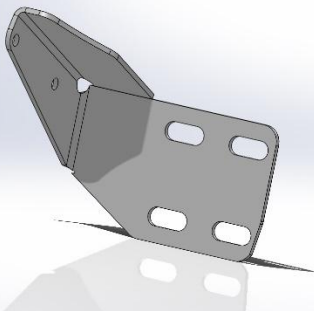
Always use a torque wrench to set correct torque settings. Ensure torque wrench is set to Nm unit of measurement. Otherwise perform conversion to lb-ft.

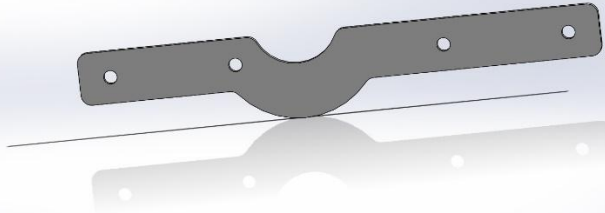
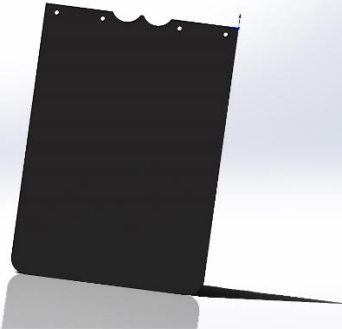
PARTS LISTING

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	RB-JWR-JK-07-ASM1	JK Rear bar	
1	RB-JWR-JK-07-ASM2L	JK rear nut plate LH	
1	RB-JWR-JK-07-ASM2R	JK rear nut plate RH	

1	B-0128R	JK rear wing support RH	
1	B-0128L	JK-rear wing support LH	
1	Optional part from Mud flap kit B-0205R	JK rear mud flap bracket RH	
1	Optional part from Mud flap kit B-0205L	JK rear mud flap bracket LH	

2	Optional part from Mud flap kit P-0063	Mud flap flat JK	
2	Optional part from Mud flap kit MF-001	Mud flap 250W x 350L	

Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
1	OFA-LOGO	Offroad Animal Logo metal
6	M12 FW LHD	M12 FW Large Heavy duty
2	M10 x 20 BHCS	M10 button head cap screw
2	M10 NY	M10 Nyloc
2	M10 FW	M10 Flat washer
6	M12 x 50	M12 x 50 Hex Bolt Zinc plate

Optional Small Parts kit for Mud flap kit

Qty	Part Number	Description
8	M6 x 20	M6 x 20 Hex bolt zinc plate
8	M6 FW	M6 Flat washer
8	M6 FN	M6 flange nut
4	M6 MGW	M6 mud guard washer
8	M8 X 20 BHCS BZ	M8 X 20 Button head caps screw black zinc
8	M8 FW BZ	M8 Flat washer black zinc
8	M8 FN	M8 flange nut




TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
16mm Socket 18mm socket 16mm spanner 18mm spanner 4mm Allen key 5mm Allen Key 6mm Allen Key	None	None

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. Start by removing 2x M10 bolts on side of chassis
2. Repeat on other side.

TOOLS REQUIRED

16mm socket or spanner

FASTENERS

Retain for later use



3. Climb underneath and disconnect loom for rear number plates.

TOOLS REQUIRED**FASTENERS**



4. While still underneath remove 2 x M10 bolts as shown, and loosen M10 bolts further up on same bracket

TOOLS REQUIRED

16mm socket

FASTENERS

Discard fasteners



5. Pull rear bumper away from body

TOOLS REQUIRED

FASTENERS



6. Remove Factory tow hook.

TOOLS REQUIRED

18mm socket or spanner

FASTENERS

Discard factory fasteners



7. With bumper removed open rear door before putting new bar on.

TOOLS REQUIRED**FASTENERS**



8. Insert nut plates into chassis like shown.

TOOLS REQUIRED**FASTENERS**



9. Lift bar on to Jeep.

TOOLS REQUIRED

FASTENERS



10. Use factory bolts up front to hold bar in place, and insert supplied M12 bolts to hold bar. Tighten all M12 bolts starting with underside ones first.

11. Repeat for other side.

TOOLS REQUIRED

18mm socket and spanner

FASTENERS

M12x50 (6)
M12 FW (6)



12. Remove factory bolts put in the last step and position wing support bracket as shown.

13. Insert factory M10 bolts back into side of chassis.

TOOLS REQUIRED

16mm spanner

FASTENERS

Factory M10 (4)



14. Put M10 BHCS into bracket and edge of bar as shown.
Tighten all bolts.

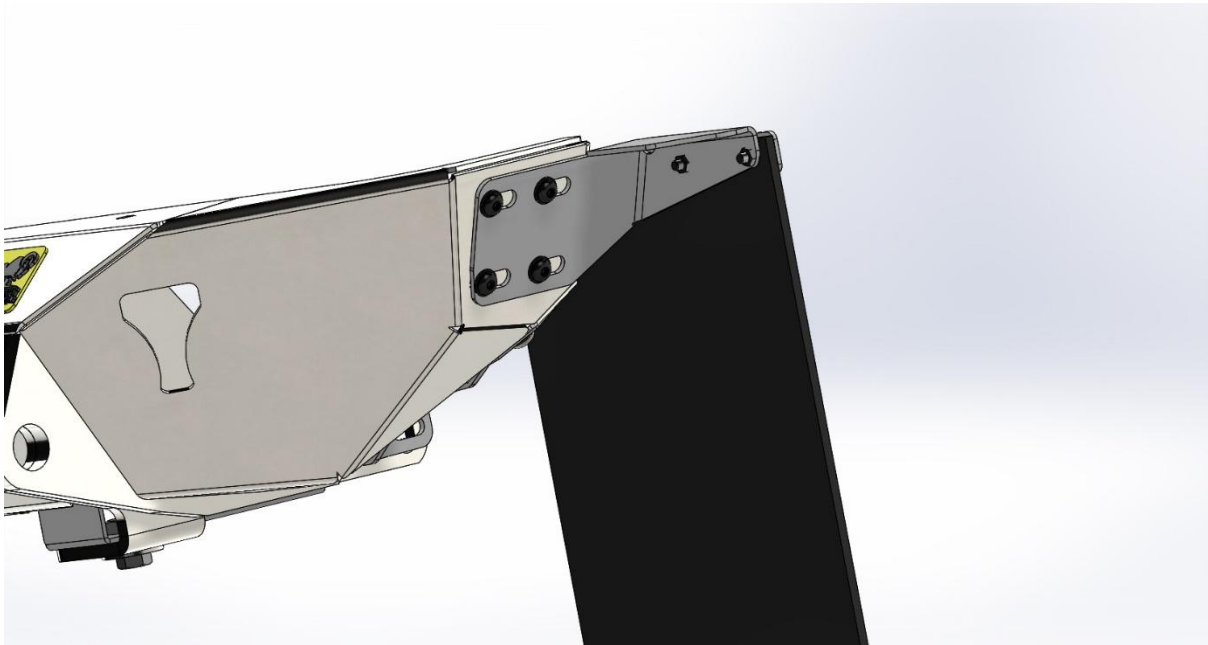
15. Repeat for other side.

TOOLS REQUIRED

6mm Allen key
16mm socket

FASTENERS

M10 x 20 BHCS (2)
M10 FW (2)
M10 NY (2)



16. If fitting Optional mud flap brackets, position bracket as shown with M8 BHCS and flange nuts with washers.

17. Repeat for other side.

TOOLS REQUIRED

5mm Allen key

FASTENERS

M8 x 20 BHCS BZ (8)

M8 FW BZ (8)

M8 FN (8)



18. To refit number plate you may require an aftermarket number plate holder off spare tyre or USA style under LH rear light.

19. Don't forget to put logo plate on.

20. And you're done!

TOOLS REQUIRED**FASTENERS**