

SKU: WK2-FB-14C-ASMO



Fitting Instructions

Jeep WK2 Grand Cherokee 2011-2016

Front Protection Bar

Australias Best Off Road Products Created... Not Cloned

<u>Contents</u>

WHY UNEEK	3
IMPORTANT INFORMATION	4
COMPONENTS AND PARTS	5
COMPONENTS AND PARTS	6
PLEASE NOTE	7
STEP 1	8
STEP 2	8
STEP 3	8
STEP 4	8
STEP 5	9
STEP 6	9
STEP 7	9
STEP 8	9
STEP 9	10
STEP 10	10
STEP 11	10
STEP 12	10
STEP 13	11
STEP 14	11
STEP 15	11
STEP 16	11
STEP 17	12
STEP 18	12
STEP 19	12
STEP 20	12
STEP 21	13
STEP 22	13
STEP 23	13
STEP 24	13
STEP 25	14
STEP 26	14
STEP 27	14
STEP 28	15
STEP 29	15
FINISHED PRODUCT	16

Why Uneek

Australian Designed and Built

All our products are designed and manufactured right here in Australia, allowing us to have better lead times and better quality control than companies manufacturing overseas. By supporting us you're supporting to grow the Australian economy and our brand.

Uneek Styling

We do not design our bars to look the same across the vehicle range. We fully develop our own product to individually suit each vehicle. We take time in designing from scratch and then test all our bars to comply with all relevant ADRs and Australian Standards.

Lightweight Through Smart Engineering

Having a steel bar doesn't mean you have to add more weight than is required to the front of your vehicle. Our engineering practises ensure we have the right protection, designed the right way to ensure protection is at its maximum and weights at its minimum.

Proven Off Road

We take our products out and test them right here in the heart of our country in our Australian conditions so we know our products can withstand anything you throw at them.

Increased Approach Angles

Our bars are designed to give you the best advantage while off road, with increased approach angles means you can tackle those tough and steep angles better than you could with the original setup or other alternatives.

Warranty

Uneek 4x4 back itself as Australias leading steel bull bar manufacturer. This is why we provide you with the best steel bar warranty in Australia - 5 years.

Important Information



- When installed in accordance with these instructions, the front protection bar does not affect the
 operation of the vehicles SRS airbags.
- 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 bar component please contact Uneek 4x4 in regards to 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. Uneek 4x4 cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- Supplied tow points are designed as tow points only. Use in a recovery operation will be at operator's risk.
- Installation time: 5-6 hours.
- <u>Vehicle specific notes:</u> A flip up license plate kit may also be required.



Components and parts

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	03-0072R	BRACKET ASSY IMPACT WK 14	1
2	03-0072L	BRACKET ASSY IMPACT WK 14	1
3	M12X30X1.75	M12 X 30MM X 1.75 BOLT	6
4	M12 FW X 37	M12 FLAT WASHER X 37	6
5	M12 SW	M12 SPRING WASHER	6
6	M10X40X1.75	BOLT M10 X 40	4
7	MIOSW	M10 SPRING WASHER	4
8	M10FWX25	M10 FLAT WASHER X 25MM WIDE	4
9	WK2-FB-35	2011 AIR SUSPENSION BRACKET	1
10	03-0100L	BRACKET JK WK	1
11	03-0100R	BRACKET JK WK	1
12	M6X20	M6 X 20 BOLT	4
13	M6 FW	M6 FLAT WASHER	4
14	M6 FN	FLANGE NUT M6	4

	0

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WK-FB-14C(OR 11C)-ASM1	GRAND CHEROKEE 2014 WELDED ASSY	1
2	09-0025L	PANEL OUTER WK 14	1
3	09-0024	PANEL ASSY CENTER WK14	1
4	09-0025R	PANEL OUTER WK 14	1
5	M8X25 BHCS	M8 BUTTON HEAD CAP SCREW	15
6	M8 FW X 22	FLAT WASHER 8MM LARGE	15
7	M5 NUTSERT	NUTSERT 5MM	14
8	LED FOG LIGHT	LED FOG LIGHT	2
9	AUTO 8 LED	LED INDICATOR/PARKER	2
10	12-0010	COVER PC FOG LIGHT	2
11	M5X10 PSCREW	M5 X 10 PH SCREW	6
12	M5X15 PSCREW	M5 X 15 PH SCREW	8
13	MIOSW	M10 SPRING WASHER	3
14	M10FWX25	M10 FLAT WASHER X 25MM WIDE	6
15	M10x1.5X90	M10 X 1.5 X 90MM BOLT	3
16	M10X1.5N	M10 X 1.5 NUT	3
17	05-0054	TUBE SPACER 10NB X 50	3
18	M5X35 PSCREW	M5 X 35 PH SCREW	4
19	M5 FN	M5 FLANGE NUT	4
20	SPFM24	Round plastic cap Kelvindale	6
22	12-0015	PINCH WELD 400MM	1



Components and parts

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WK-FB-14U(OR 11U)-ASM1	GRAND CHEROKEE 2014 WELDED ASSY	1
2	09-0024	PANEL ASSY CENTER WK14	1
3	09-0025L	PANEL OUTER WK 14	1
4	09-0025R	PANEL OUTER WK 14	1
5	05-0053	TUBE ASSY URBAN	1
6	M12X30X1.75	M12 X 30MM X 1.75 BOLT	2
7	M12 FW X 37	M12 FLAT WASHER X 37	2
8	M12 SW	M12 SPRING WASHER	2
9	M8X25 BHCS	M8 BUTTON HEAD CAP SCREW	15
10	M8 FW X 22	FLAT WASHER 8MM LARGE	15
11	M5 NUTSERT	NUTSERT 5MM	14
12	LED FOG LIGHT	LED FOG LIGHT	2
13	AUTO 8 LED	LED INDICATOR/PARKER	2
14	12-0010	COVER PC FOG LIGHT	2
15	M5X10 PSCREW	M5 X 10 PH SCREW	6
16	M5X15 PSCREW	M5 X 15 PH SCREW	8
17	M10SW	M10 SPRING WASHER	3
18	M10FWX25	M10 FLAT WASHER X 25MM WIDE	6
19	CRUSH TUBE 10NB X 50	CRUSH TUBE 10NB X 50	3
20	M10x1.5X90	M10 X 1.5 X 90MM BOLT	3
21	M10X1.5N	M10 X 1.5 NUT	3
22	12-0015	PINCH WELD 400MM	1
23	M5X35 PSCREW	M5 X 35 PH SCREW	4
24	M5 FN	M5 FLANGE NUT	4
25	SPFM24	Round plastic cap Kelvindale	6



ACC AND PARKING SENSOR NOTE:

Take the time to fit the parking sensors. Make sure the sensors go back into their ORIGINAL locations. Make sure sensors have been wiped clean and have not been damaged.

When fitting the ACC make sure the vertical edge and horizontal edge are parallel to that of the bar being used. Aiming the sensor too far up or down may render the ACC inoperative. UNEEK 4X4 will not be held responsible for poor fitting/aligning of bar and sensors.



Remove clips holding wheel arch guards, flares and center stone guard to vehicle bumper. Disconnect fog lights, parking sensors and ACC/radar if fitted. Wedge some cardboard between flare and vehicle to keep it away from body and aid in fitting. Early WK models will need the headlight washers in the bumper disconnected. 2014 model shown.



Step 2

Remove plastic clips securing plastic trim in engine bay. Place out of the way as best you can. Remove bumper from vehicle. Carefully remove Parking sensors and ACC/ radar if fitted. Place radar on a soft rag to avoid scratching. Locate parking sensor mounts in bumper and remove. These will be used on the replacement.







Step 3

Remove crash beam from vehicle and retain fasteners. If fitted with air suspension remove fasteners securing compressor to crash beam and retain.



Step 4

Remove smaller upper bracket using grinder. Paint bare surfaces when done.





This is how it should look when removal of items is completed. Note: If fitting a UNEEK bash plate remove center stone guard now.



Step 6

Install new mounts to vehicle using original fasteners on front face. Secure lower section using M10 x 40 x 1.75 pitch bolts, spring washers and flat washers.



M8-22Nm M10-44Nm



Cut off lower section of radiator air dam as shown by the white line.



Fit radiator support rod brackets to impact absorber using M6 fasteners, flat washers and flange nuts provided.







Fit compressor bracket as shown in image using original hardware.



Step 10

Cut the supplied indicator/park light wires 100mm from the light itself. These cut wires will be attached to the vehicle loom and joined to indicator/park light when bar is fitted. Remove headlights so you can gain access to the loom plug. Be careful not to drop the lights or scratch the vehicle. GREEN is indicator, BROWN is parker and WHITE is earth.



Step 11

You can either solder the wires or use NARVA 56015BL connectors. These allow you to remove wires if need be in the future. Use a test light to find and confirm parker and indicator circuits. **Test lights BEFORE fitting stone guards to bar!**



Step 12

If fog lights are fitted standard graft the new fog light in. If no fog lights are fitted use wiring diagram supplied with lights making sure you tap into vehicle parker circuit. When this is done re fit the headlights.



Both models: Start marking the bumper for a cut by measuring down from the outer horizontal section of bumper 120mm. Using a white or black marker mark as many spots as possible.



Step 14

Both models: From the mold line in the bumper measure across from the points marked in step 13 70mm. Place a mark at this point.



Step 15

Both models: Place two pieces of masking tape as follows. The first above the lines marked in step 13. The second at the intersection of the mark in step 14 and parallel with mold line. The masking tape sits on the section of bumper that will be kept and is to protect the bumper from scratches.



Step 16

Both models: As shown in the image mark down on the second piece of masking tape, from the intersection, 60mm staying parallel with the mold line.



2014 on model: Using the outer edge of the outer grille as a guide measure down from the mold line shown 30mm and mark. LHS shown. Locate the grill in center of bumper and do the same. Repeat for RHS outer grille. **2011-2014 model**: Mark a point 10mm up from the mold line and repeat steps for center and RH side.



Step 18

Join these three marked points with masking tape. Please note that so you can see the mold line in the bumper the masking tape in this image has been placed below the cut line. On your cut place the tape above the marked points which will cover the mold line. Join this center section of tape to the outer sections with further masking tape. 2014 on model shown.



Step 19

Make the masked line a little neater by trimming unwanted masking tape using a sharp knife so you end up with a neat line as shown.



Step 20

Double check your measurements then cut bumper with an air hacksaw or jigsaw. De-burr edges and place bumper back on vehicle. On early WK models re connect washer jets now.



Cut the supplied pinch weld trim in half. Place it on the bumper as shown by white lines. Make sure it IS NOT placed in the area where the flared guard will sit. Tap flared guard back into position. Mark with edge of pinch weld trim, pry back out and cut. De-burr and place back into position. Fit plastic plugs supplied to bar if no parking sensors are fitted.



Step 22

VEHICLES WITH PARKING SENSORS. The removed parking sensor mounts will now have to be glued using silicone into position in the bar. Test sensors before gluing. Make sure rubber surround is flush with sensor face and not proud. Be careful not to allow silicone to enter the center hole area. Let this set and continue with the other steps.



Step 23

If ACC/radar is installed. Punch out ACC blanking plate from center of bar. Place ACC through the hole making sure the loom plug is facing downwards. Secure using M5 X 35 screws and flange nuts as shown.



Step 24

With the help of another person lift the bar onto the vehicle and secure with M12 1.75 pitch bolts, spring washers and large flat washers. Do not fully tighten.



M12-77Nm



Align the bar so the top surfaces or tops of wing edges are parallel to the rake angle of the vehicle. Adjust the bar to the final position and tighten all mounting bolts. Plug in fog lights, ACC/radar, indicators and sensors. Cable tie looms to bar as needed avoiding sharp edges.



Step 26

If fitting driving lights do so now. If fitting a winch leave the clutch handle in the factory position (as shown). Lift up into the bar with the help of another person and secure the top fasteners to winch. If a roller fairlead is to be fitted mount the flip up license plate kit now. Fit fairleads and secure. Tighten all bolts, secure control box and run cables to terminals in engine bay.



Step 27

Start fitting center stone guard as shown. Place into position and mark holed for drilling. Remove panel. Drill marked holes out to 11mm. When complete open front holes only to 18mm.





Using cable ties as shown hold crush tubes into chassis when fitting panel. Secure panel to vehicle using M10 x 90 bolts, spring washers, flat washers and nuts. Secure panel to bar using M8 button head cap screws and flat washers. Leave fasteners loose.







Secure outer panels to bar using M8 button head cap screws and flat washers. Cut wheel arch guard material to suit profile and place behind lip of panels. When complete tighten all fasteners. Wipe bar down with a clean soft rag.





Finished Product



Revised: 30/07/2019

Australias Best Off Road Products Created... Not Cloned

49-75 Pacific Drive, Keysborough, VIC, 3173

1300 806 952 www.uneek4x4.com.au