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Installation instructions for JK-6128, JK-6129 Knuckle style rack system
JK-6128 Fits 2007- Current Jeep Wrangler JK unlimited. JK-6129 2007-current JK 2 Door

- ** Inspect bumper prior to installation.
- ** Due to the weight of the bumper it is recommended at least two people for installation

Hardware List:

JK-6128/JK-6129 Hardware	Qty
Allen Wrench S=5	1
Allen Wrench S=8	1
Flat washer D8(8x16x1.6mm)	8
Hexagon socket cap head screws M6x30	8
Hexagon socket cap head screws M10x50x25	24
Nylock nuts M6	8
Nylock nuts M8	8
Nylock nuts M10	24
Flange hex bolt M8x20	8
Flange hex bolt M8x30	6
Flange hex bolt M10x30	4
flat washer D14(14x28x2.5mm)	2
hex bolt M14x50	2

JK-6128 & JK-6129 LOWER REAR FRAME BRACKETS



PASSENGER SIDE



DRIVER SIDE



Lower rear frame mount with vertical lower upright. These attach at the joint

Upper front uprights

Windshield brackets

Passenger side



Gasket

Driver side



Gasket

Passenger side

Driver side



Crossbar mount brackets

Lower knuckle joints

Installation:

Pre-Installation notes:

- Step 1 Confirm hardware
- Step 2 Unwrap all tubing. Sort the driver and passenger side brackets and tubes.
- Step 4 pre-install the gasket to the back side of the front uprights. Make sure the pattern matches the bracket
- NOTE** **If the vehicle is equipped with the factory rear bumper or an aftermarket bumper that wraps around the vehicle's corner then bumper will need to be modified prior to installation as the rear brackets mount to the frame rails. The Body Armor JK-2934, JK-2395, JK-2936 and JK-2691 rear bumpers all work with any of the Body Armor 4x4 rack systems with no cutting.**

Installation of Rack System:

- Step 1 Remove the top 3 windshield ("A") pillar bolts. Use 6 8M-30M hex bolts and attach the front windshield brackets
Note: Keep all hardware loose until all components are installed.
- Step 2 Attach the front upright bars, use the 10M-50M hex bolts and nylock nuts. Do not tighten. Install both sides.
- Step 3 Attach the wind screen using 8M-20M hex bolts, washers and Nylock nuts. Keep loose at this time.
- Step 4 Attach rear frame brackets: Remove the two vertical 8M factory bolts and the forward most 14M hex bolt. Locate the bracket for the appropriate side and install with the OEM 8M hex bolts and either use the 14M hex bolt provided in the kit or use the OEM bolt. Keep loose at this time. Now install the rear lower upright tube. Note the picture on page one. The bar is 18" long. Attach with 10M-50M bolt and nylock nuts. Make sure the hex nut fits in the slot otherwise the nut will not lock in place making it difficult to tighten. Keep hardware loose. Repeat these steps on the opposite side of the vehicle.
- Step 5 Locate upper rear upright. The JK Unlimited will have an angled tube similar to the kicker bar of the Jeep's roll bar. Install with the angle going forward. Attach with 10M-50M bolt and nuts. The 2 door version is more vertical. Repeat on opposite side. Keep loose at this time.
- Step 6 Locate side tubes and install between front upright and rear upright. Use 10M-50M hardware. Keep loose. Repeat on both sides.
- Step 7 locate rear crossbar, this bar has the angled tubes with knuckle joints. Slide into place and attach with 10M-50M hardware.
- Step 8 If you are not installing the cargo basket you will need to install the front cross bar. The crossbar can be located anywhere front the front towards the rear depending on your needs require. We recommend placing the crossbar towards the front if possible. Attach with the clamps and 6M hardware. Keep loose at this time.
- Step 9 Tightening sequence: Start with the front uprights. Tighten the joint between the front upright and the windshield bracket. Once tight on both side you will need to pull the bracket as forward as possible to allow for maximum clearance between the windscreen and the windshield . Once satisfied tighten the "A" pillar bolts, both sides. This will lock the rack into position. Now tighten the lower rear frame brackets. Go back to the front and begin to tighten all hardware from front to back. Save the front and rear crossbars for last.
- Step 10 Installation of Cargo Basket: Refer to JK-6130 Installation instructions.
Install the Body Armor 4x4 Dual Row LED light bar PN 40050 on the windscreen, or a light bar of your choice, or use more traditional post mounted lights. The windscreen is pre-drilled for either.



** Body Armor provides a dual process paint process' an e-coat base along with a textured black powder coat. This is very durable and corrosion resistant process however rust can still occur. We warranty the finish for manufacturer defects for a period of 90 days from the date of purchase. Surface rust is not considered a manufacturer defect, rust from rock chips or trail scratches are also not considered a manufacturer defect. It is the responsibility of the owner to touch up any rock chips or scratches. Use of a flat black paint sprayed on a piece of foam can be used to touch up any scratches. Surface rust can be cleaned with spray lubricants such as W D-40.