

INSTALLATION INSTRUCTIONS

PART No.

FB22089

**Jeep® JL Wrangler
JL MAKO REAR BUMPER**



REQUIRED TOOLS

18mm Socket
21mm Socket

KIT CONTAINS

Sensor Delete Plug
Nut Plate
M12 Bolt
M12 Washer
M12 Lock Washer
D-Rings

QTY

4
1
2
2
2
2

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1) REMOVE EXISTING REAR BUMPER

Remove the Factory or existing rear bumper, we suggest removing the spare tire to aid in installation of the new bumper. Keep this hardware as some is re-used

2) REMOVE SENSORS (IF EQUIPPED)

If your Model has backup sensors carefully remove them in order, make note of where each sensor came from. If not equipped go to step #3



3) REINSTALL SENSORS INTO THE MAKO REAR BUMPER.

Reinstall Sensors into the MAKO rear bumper, in the same location that they were removed. If sensors are not equipped on your JL install the Sensor delete plugs.

4) INSTALL NUT PLATE.

Insert the nut plate into the Passenger side opening of the frame and align it with the first two bottom

holes. This is only used on the passenger side.



5) PLACE THE BUMPER ONTO THE REAR CROSS MEMBER.

WITH THE WEIGHT OF THE BUMPER IT IS HIGHLY ADVISED TO HAVE HELP WHEN INSTALLING THE BUMPER.



With the help of a second pair of hands lift the bumper up to the Jeep and place it onto the rear frame cross member. Loosely secure the bumper by threading in two 21mm body frame bolts.



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9) INSTALL D-RINGS.



6) SECURE THE BUMPER.

With two M12 bolts secure the right side of the bumper using the nut plate. Secure the remaining four 18mm body mount bolts



7) RECONNECT THE SENSOR CABLES.

8) REATTACH SPARE TIRE.

Take care to properly torque the lug nuts onto the spare tire carrier