

**INSTALLATION INSTRUCTIONS**

**PART No.**

**FB22090**

**Jeep® JL Wrangler  
Mako Front Bumper**



**REQUIRED TOOLS**

17mm Wrench/Socket  
Screw Driver – Philips

**KIT CONTAINS**

Mako Bumper  
D-Ring  
M10 Flat Washer  
M10 Lock Washer  
M10 Hex Nut  
M6 Philips Bolt  
M6 Flat Washer  
M6 Lock Washer  
M4 Philips Bolt  
M4 Flat Washer  
M4 Lock Washer  
M4 Philips Bolt (Long)  
Spacer

**QTY**

1  
2  
8  
8  
8  
4  
4  
4  
4  
8  
8  
6  
6

\*factory fog lights not included

#### 1) REMOVE YOUR FACTORY BUMPER

Begin by removing your factory bumper. Ensure you disconnect your factory fog lights before you pull your bumper away.

Remove your factory fog lights carefully to be reused in the new bumper.

#### 2) PREP YOUR NEW BUMPER FOR INSTALL

##### INSTALL YOUR FAIRLEAD AND WINCH

We recommend installing the fairlead first as you'll have access to the bolts at this time. Follow the instructions that came with your winch to install the fairlead and winch body to the pre-drilled holes on your new bumper.

##### INSTALL FOG LIGHTS

Install either your factory fog lights using the included hardware by referencing the hardware conversions on the last page.



#### 3) INSTALL YOUR BUMPER

##### 2 PERSON LIFT



WITH THE WEIGHT OF THE WINCH AND BUMPER, IT IS HIGHLY ADVISED TO HAVE HELP WHEN INSTALLING THE BUMPER!



With the help from a second pair of hands, lift the bumper up to the frame of the Jeep and insert the bumper studs into the frame. Using one (1) M10 nut, lock washer, and flat washer per stud, secure the bumper to the Jeep.



**4) MOUNT THE SUPPLIED D-RINGS.**



**5) RUN YOUR WIRING**

Reconnect your factory fog lights and wire your winch following the manufacturer's instructions.

**6) ENJOY YOUR NEW FISHBONE OFFROAD BUMPER!**

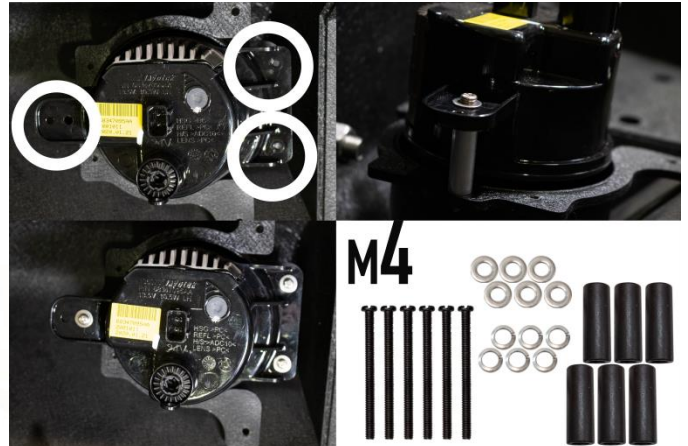
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