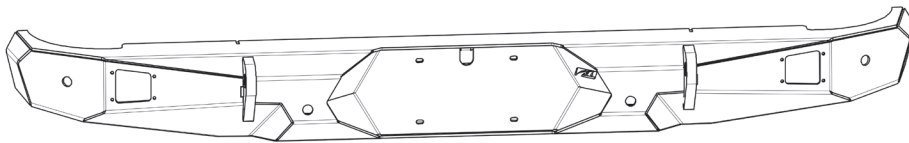
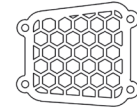


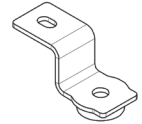
MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation



**MB1131
REAR BUMPER WELDMENT**
Qty: 1

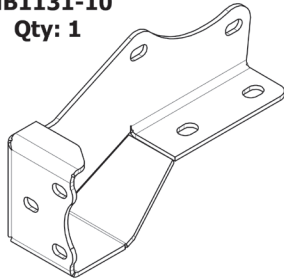


**MB1131-07
COVER PLATE**
Qty: 2

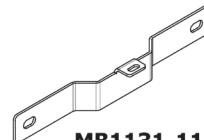
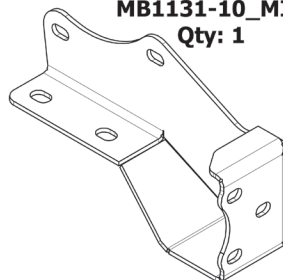


**MB2145
BLANK PLATE**
Qty: 4

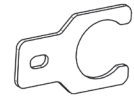
MB1131-10
Qty: 1



MB1131-10_MIR
Qty: 1



MB1131-11
Qty: 1



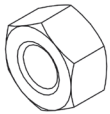
**MB2117-01
SENSOR RETAINER**
Qty: 4



**NYLOCK NUT
#10-24, ZINC**
Qty: 8



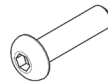
**NYLOCK NUT
1/4"-20, ZINC**
Qty: 4



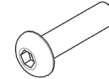
**NYLOCK NUT
7/16"-14 UNC, Gr 8**
Qty: 6



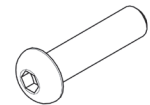
**FLAT WASHER
7/16", Gr 8**
Qty: 6



**HEX BUTTON HEAD
#10-24 x 1/2", SS**
Qty: 4



**HEX BUTTON HEAD
#10-24 x 3/4", SS**
Qty: 8



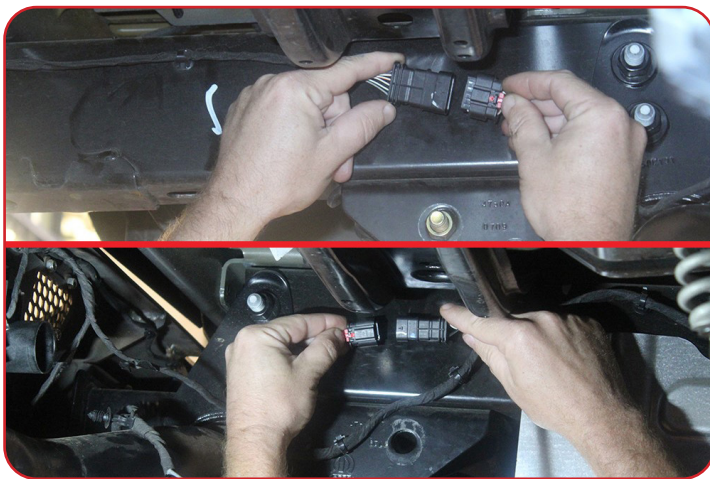
**HEX BUTTON HEAD
1/4"-20 x 1", SS**
Qty: 4

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

Please read through all instructions prior to installation. Some factory hardware is reused for this installation.

- 1** All parts should be test fitted before paint or powder coating.
- 2** Place vehicle in park. Apply park brake.
- 3** Disconnect negative terminal on battery.

- 4** Lower & remove spare tire.



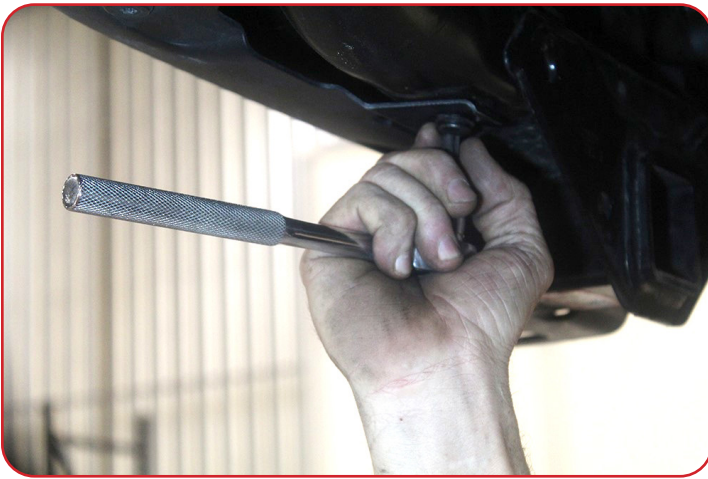
- 5** Disconnect rear bumper wiring harness at two (2) locations. Move the red tab outwards then press on the connector to disconnect.

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 6** Disconnect trailer 7 pin connector from inside the bumper.



- 7** If applicable using a T-50 Torx socket, remove two (2) M10 bolts located on the underside of the hitch cross frame member.



- 8** Using a flat screw driver, remove the license plate.



MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation**FOR OPTIONAL REAR ROCK RAILS:**

- 10** If your vehicle is equipped with the optional rear rock rails located behind rear tires, you may reuse the mounting brackets holding the rock rails to the frame. Remove only the rock rails from the mounting bracket, keeping the mounting bracket attached to the frame (each side).
- 11** Using a 15mm socket, remove three (3) bolts from the underside of the rock rail.



MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation**FOR OPTIONAL REAR ROCK RAILS:**

- 12** Using a 15mm socket, remove two (2) nuts that fasten the rock rail to the bumper.
- 13** Repeat Steps #11 & #12 on opposite side.
- 14** Loosen the bolts holding the rock rail mounting brackets. Do not remove the bolts.



MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 15** Using a 16mm socket, remove the four (4) flange nuts from behind frame mounting plates.



- 16** With all fasteners removed & wiring disconnected, remove the factory rear bumper from the vehicle.

- 17** If your vehicle is equipped with optional rear tow hooks, remove these tow hooks now.

- 18** If equipped remove factory receiver hitch by removing the eight factory bolts holding it to the frame.

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 19** Place the factory bumper face down with the wiring harness facing up.
- 20** Label the positions of all connections & park sensors (if equipped). Example: Park Sensor – Outer Driver, Park Sensor – Middle Driver, Park Sensor – Outer Passenger, Park Sensor – Middle Passenger, Connector – Driver, Connector – Passenger, License Plate Light – Driver, License Plate Light – Passenger. The wiring connectors that connect the bumper wiring harness the vehicle's main wiring harness on the driver side are a different shape than the wiring connectors on the passenger side. Labelling them now will ensure you position the bumper wiring harness correctly into your new Motobilt bumper. Also, the positions of the park sensors (if equipped) must be placed back into their relative positions in the new bumper.
- 21** Disconnect the four (4) park sensors (if equipped) by opening the plastic bezels slightly with a screwdriver to remove them.



MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 22** Remove the factory rear bumper wiring harness from the factory bumper.



- 23** Install Covers MB1131-07 with the supplied Hex Button Screws #10-24 x 3/4" long & #10-24 Nylock Nuts. Use a 1/8" hex bit & 3/8" wrench.

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 24** Install MB1131-11 (Harness Tie Plate) with tab facing up using $\frac{1}{4}$ " x 1.0" L Hex Button Screw & $\frac{1}{4}$ " Nylock Nut. Install license plate & tag light during this same time.



- 25** Install park sensors or MB2145 Blank Plate by placing the sensor or plug in the hole, then position MB2117-01 Sensor Retainer plate over the back side of the park sensor if equipped with sensors. Fasten using #10-24 x $\frac{1}{2}$ " long Hex Button Screw (4 places total).

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

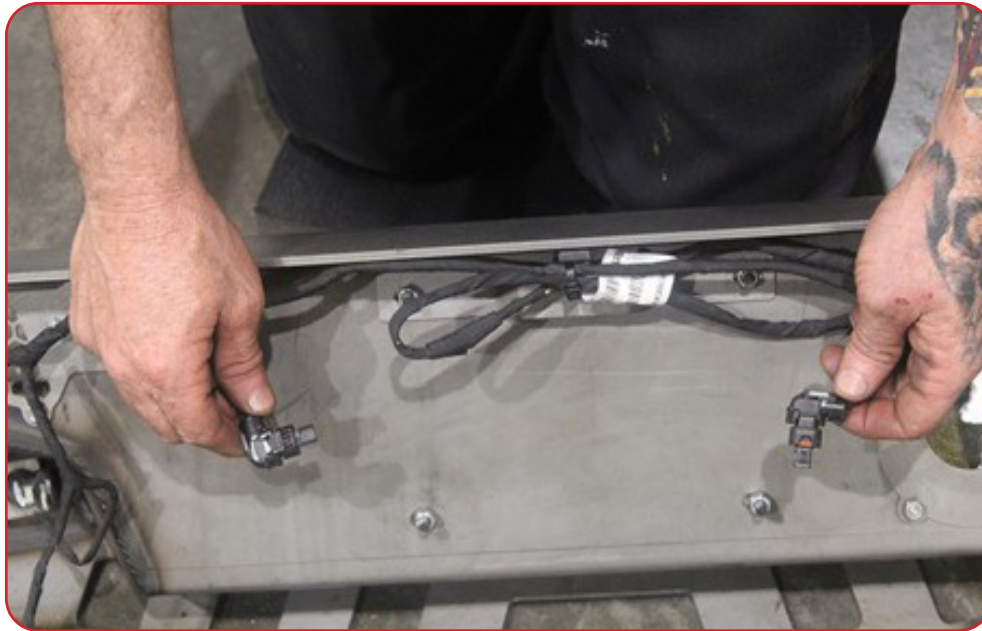
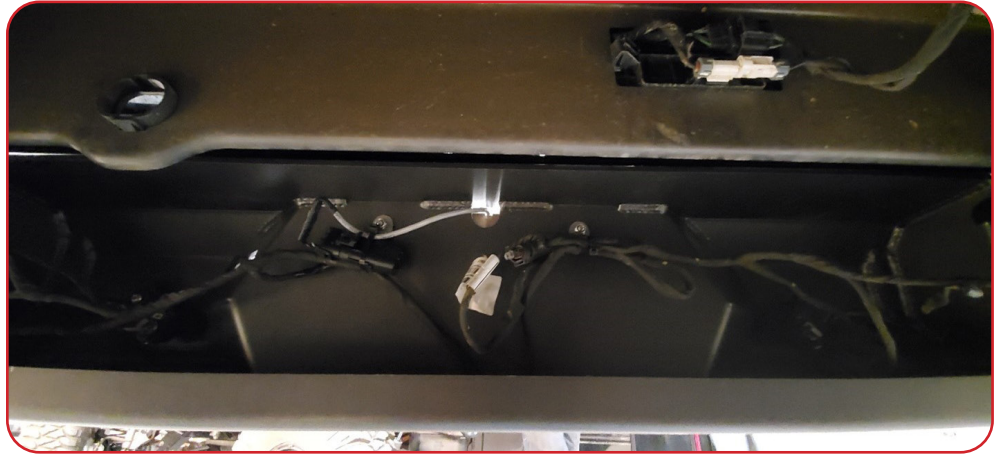
- 26** Install MB1131-10 and MB1131-10_MIR in the factory hitch mount bolt locations, four on each side, using the factory hardware.



- 27** Mount the bumper to the MB1131-10 and MB1131-10_MIR frame rail brackets. Install six (6) 7/16" nuts and washers (three each side) to mate the back of the bumper with the Frame Rail Brackets with the studs that are already welded onto the bumper. Use one (1) 7/16" flat washers & a 7/16" Nylock Nut for each stud.

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- 28** Route the wiring from the factory bumper wiring harness near the underside of the top inside edge of the bumper.



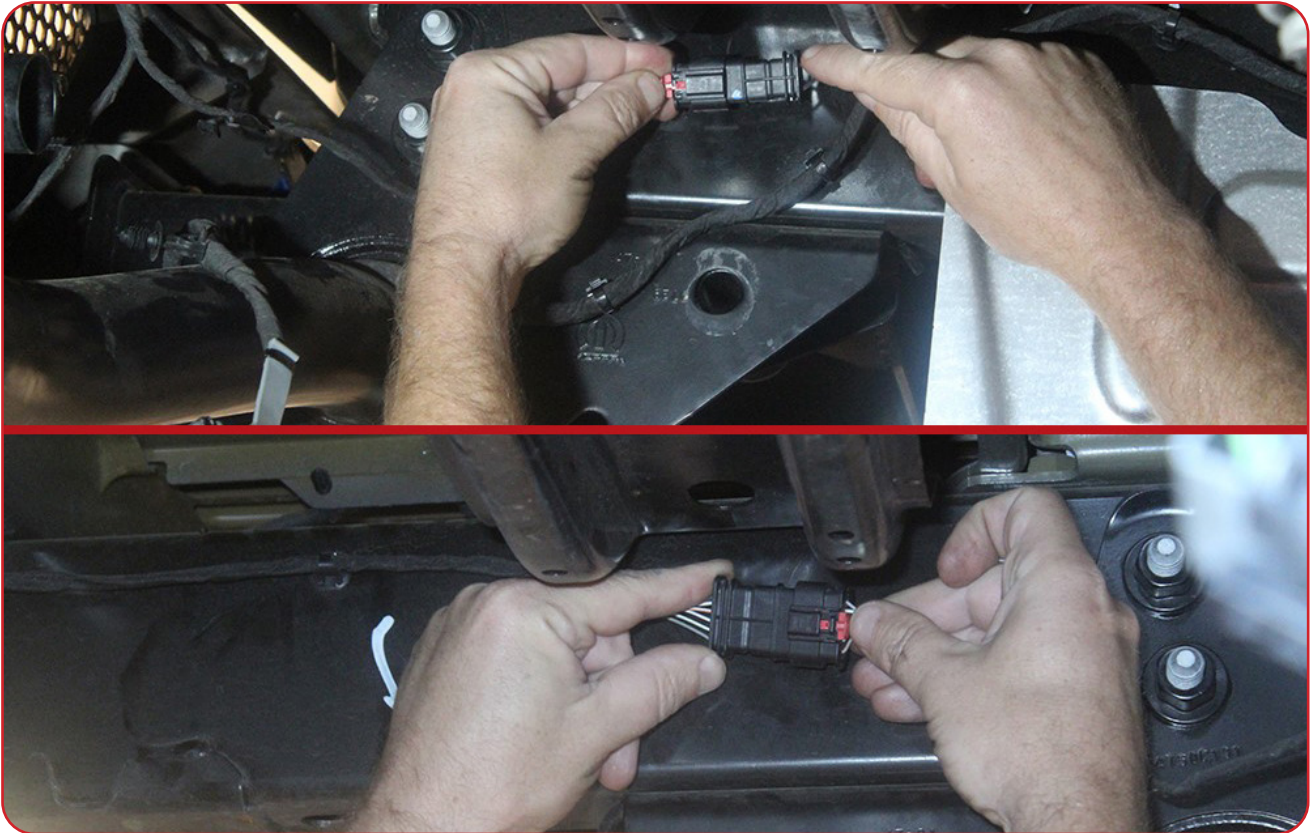
- 29** If adding a light over your license plate/tag, then splice into one of the two factory light connectors shown.

NOTE:**If using the Off Road Only LITEDOT Plate Light**

Black = Ground
Green = License Plate Light
Red = Brake Light

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

- 30** Connect the bumper wiring harness to the main chassis wiring harness in two (2) locations



- 31** Check all lights & park sensors for proper operation.
- 32** Paint or powder coat all Motobilt parts to your desired colors.
- 33** Check & tighten all fasteners after 50 miles then every 500 miles thereafter.

MB1131 Gladius Rear Bumper for Jeep JT Gladiator Installation

