Before you begin installing your new Modular Bumper, please read all the instructions thoroughly.

If you have purchased other Modular Bumper accessories, read all instructions carefully, as you may have to assemble these optional accessories before installing this bumper on your vehicle.

**WARNING** Do not rely in any way on the components of this product to protect against injury or death in the event of an accident. Never operate the vehicle in excess of manufacturer’s specifications.

Read and follow, precisely, all installation instructions provided when installing this product. Failure to do so may result in a poor fit and could place occupants of the vehicle in a potentially dangerous situation.

**WEAR SEAT BELTS AT ALL TIMES**

**CAUTION** Safety glasses should be worn at all times when installing this product.

<table>
<thead>
<tr>
<th>Tools</th>
<th>Installation Time</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Glasses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16mm - 18mm Wrenches</td>
<td>1-1/2 hours</td>
<td></td>
</tr>
<tr>
<td>Socket Wrench</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13mm - 16mm - 17mm sockets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18mm - 19mm (or 3/4”) sockets</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Skill Level**

1. Easy
2. Moderate
3. Moderately Difficult
4. Difficult

We’re here to help! Go to www.Bestop.com and click on “Contact Us”
## Parts List
- Required parts for installation

### Sections 2 to 4  Attach Brackets; Attach Bumper; Cap Holes

<table>
<thead>
<tr>
<th>Parts List</th>
<th>Pages 5 to 7 of Guide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear Bumper</td>
<td>Inner Frame Bracket</td>
</tr>
<tr>
<td>Part #518.62</td>
<td>Part #518.65</td>
</tr>
<tr>
<td>Qty. 1</td>
<td>Qty. 2</td>
</tr>
<tr>
<td></td>
<td>M8 Flat Washer</td>
</tr>
<tr>
<td></td>
<td>Part #484.93</td>
</tr>
<tr>
<td></td>
<td>Qty. 4</td>
</tr>
<tr>
<td></td>
<td>M8-1.25x110</td>
</tr>
<tr>
<td></td>
<td>Hex Head Bolts</td>
</tr>
<tr>
<td></td>
<td>Part #518.70</td>
</tr>
<tr>
<td></td>
<td>Qty. 4</td>
</tr>
<tr>
<td>Frame Bracket - Right</td>
<td>12mm Flat Washer</td>
</tr>
<tr>
<td>Part #518.63</td>
<td>Part #414.17</td>
</tr>
<tr>
<td>Qty. 1</td>
<td>Qty. 6</td>
</tr>
<tr>
<td>Frame Bracket - Left</td>
<td></td>
</tr>
<tr>
<td>Part #518.64</td>
<td></td>
</tr>
<tr>
<td>Qty. 1</td>
<td></td>
</tr>
</tbody>
</table>

### Casting Hole Caps
- Part #518.69
- Qty. 4

### Rear Bumper
- Part #518.62
- Qty. 1

### Frame Bracket - Right
- Part #518.63
- Qty. 1

### Frame Bracket - Left
- Part #518.64
- Qty. 1

### M8 Flat Washer
- Part #484.93
- Qty. 4

### M8-1.25x110 Hex Head Bolts
- Part #518.70
- Qty. 4

### M12-1.75x55 Hex Head Bolt
- Part #518.68
- Qty. 6

### 12mm Flat Washer
- Part #414.17
- Qty. 6
Step 1

If your vehicle is equipped with a tow hook or tow hitch, you will need to remove these before installing your new Modular Bumper.

Use an 18mm socket or wrench to remove the three (3) bolts that attach the tow hook to the factory bumper.

If your vehicle is equipped with a spare tire, you will need to remove the tire to make removal of the factory bumper easier.

Tools

Socket Wrench and 18mm socket

Step 2

Use an 18mm socket or wrench to remove the four (4) bolts that attach the tow hitch to the factory bumper.

Save this hardware if you want to re-attach the tow hitch later.
Section 1  Remove Factory Bumper

Step 1

Use a socket wrench with a 16mm socket to remove the two (2) bolts on each side of the factory bumper that attach the bumper to the frame.

Step 2

Use a socket wrench with a 17mm socket to remove all of the bolts that secure the brackets on each side and the middle of the factory bumper, and remove all the brackets.

Tools

- Socket Wrench
- 16mm Socket
- 17mm Socket

Remove these two bolts on each side
Section 2  Remove Factory Bumper (cont.) & Install Frame Brackets

Step 1

**CAUTION**
Two or more people may be required to lift the factory bumper safely.

Position a person at either end of the factory bumper and lift it away from the vehicle.

Set the factory bumper aside.

Step 2

**518.63  518.64**

Slide the Frame Brackets Part #518.63 and #518.64 into the vehicle frame members on each side.

Holes in the Frame Brackets must align with holes in the frame members when brackets are inserted so that the end of the bracket is flush with the outer edge of the frame member.

**NOTE:** You may have to clean out the inside of the frame member to get the bracket to slide into the frame member.

---

Frame Bracket - Right
Part #518.63
Qty. 1

Frame Bracket - Left
Part #518.64
Qty. 1

Holes Must Align when end of bracket is flush with frame member
**Section 3  Attach Bumper to Vehicle Frame**

**Step 1  518.62**

Slide the Bumper Part #518.62 over the vehicle frame members, making sure to align the holes in the bumper with the holes in the frame members and the holes in the Frame Brackets.

**NOTE:** If you have purchased Bestop Bumper End Caps or Tire Carrier - refer to those those instructions now. You will need to install these optional parts before mounting the Modular Bumper to your vehicle.

**Step 2  518.68  414.17**

When all holes in the Bumper, Bumper Bracket, and vehicle frame are aligned, attach the Bumper to the vehicle frame using three (3) #516.68 Bolts and three (3) #414.17 washers per side.
Section 4  Attach Inner Frame Brackets & Cap All Holes

**Step 1**

518.65  518.70  484.93

Step 1

On the inside of the bumper, attach two (2) Inner Frame Brackets #518.65, with two (2) M8-1.25x110 Bolts and two (2) M8 washers per bracket.

The Inner Brackets go over the top of the vehicle horizontal frame member, and the bolts go up through the bottom of the Bumper, through the frame member, and into the brackets.

**Hardware**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>518.65</td>
<td>Inner Frame Bracket</td>
<td>2</td>
</tr>
<tr>
<td>484.93</td>
<td>M8 Flat Washer</td>
<td>4</td>
</tr>
<tr>
<td>518.70</td>
<td>M8-1.25x110 Hex Head Bolts</td>
<td>4</td>
</tr>
<tr>
<td>518.69</td>
<td>Casting Hole Caps</td>
<td>4</td>
</tr>
</tbody>
</table>

**Step 2**

518.69  518.67

Step 2

Once you have tightened all fasteners, cap the two large holes in each end of the bumper with the four (4) large Casting Hole Caps #518.69.

Re-install the spare tire if you removed it earlier.
Installation Instructions
Modular Bumper - Rear

Vehicle Application: Jeep® Wrangler 2-Door & Unlimited 2007-2017
Part Number 44940

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- Trektop® NX Glide Twill Fabric Top Replace-a-Top™ Twill Fabric Top
- Trektop® NX Twill Fabric Top Supertop® NX Twill Fabric Top
- EZFold™ Soft Tonneaus Floor & Cargo Liners
- ZipRail™ Soft Tonneaus Pet Barriers
- EZRoll™ Soft Tonneaus

**BESTOP® 5-YEAR LIMITED WARRANTY**
- Trektop® NX Glide™ Top (non-Twill) Sunrider® for Hardtop (non-Twill) Replace-a-Top™ Top (non-Twill)
- Trektop® NX Top (non-Twill)
- Sailcloth Replace-a-Top™ Supertop® NX Top (non-Twill)
- Tigertop™ and Halftop™ Supertop® Classic Soft Top Sunrider® Complete Soft Top Supertop® for Truck
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- Trekstep®, Rear Mount

**BESTOP® 3-YEAR LIMITED WARRANTY**
- Pavement Ends Sprint Top

**BESTOP® 2-YEAR LIMITED WARRANTY**
- Trektop® Classic Soft Top
- RoughRider™ Soft Storage

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- All other Bestop® & Pavement Ends™ products not specified above.

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