



# **INSTALLATION INSTRUCTIONS**

**BLACK MODULAR GRILLE GUARD FOR 19-21 MERCEDES-BENZ**

**SPRINTER 2/4WD (Excl. 3500 Dually)**

**PART # 17D503MA**

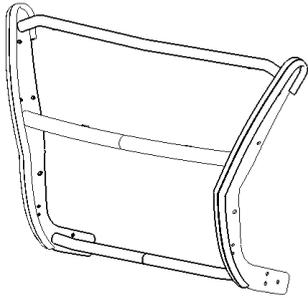
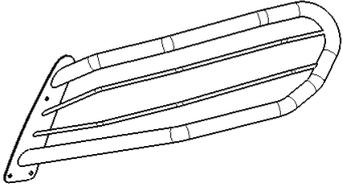
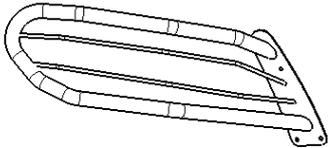
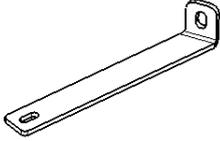
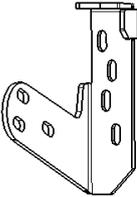
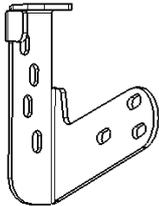
## Before Installation

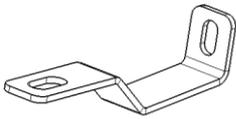
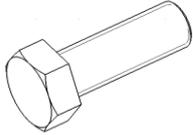
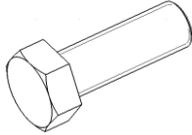
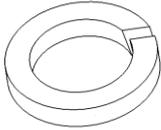
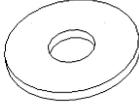
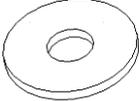
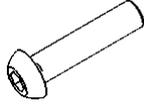
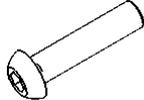
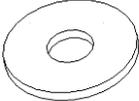
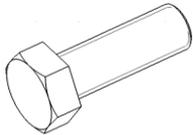
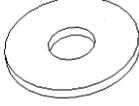
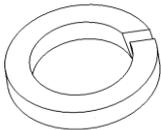
- Please read the instruction completely for easy installation, which will also help you to avoid scratches or other potential damages to your appealing car.
- The information shown here is for reference only and may differ from the product that you receive, however the goods are fitted in the same way.

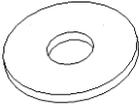
## Care and Cleaning

- Mild soap may be used also to clean the Product.
- Please periodically check and retighten all the hardware and clean the investment for a refresh look.

## Parts list

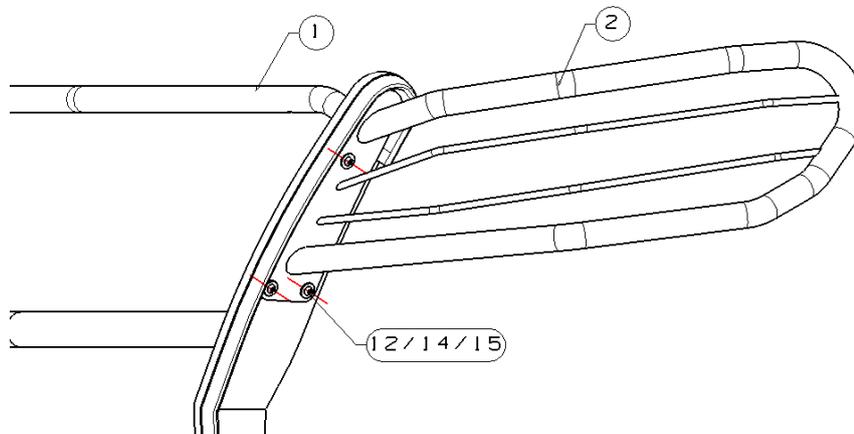
NO.	QTY	PICTURE	NO.	QTY	PICTURE
①	1	 <p>Grille Guard</p>	②	1	 <p>Brush Guard (L)</p>
③	1	 <p>Brush Guard (R)</p>	④	2	 <p>Left / Right Center Bracket</p>
⑤	1	 <p>Driver/Left Frame Mounting Bracket</p>	⑥	1	 <p>Passenger/Right Frame Mounting Bracket</p>

<p>⑦</p> <p>2</p>	 <p>Top Brackets</p>		<p>⑧</p> <p>2</p>	 <p>3/4" OD x 3/8" Tube Spacers</p>
<p>⑨</p> <p>4</p>	 <p>8-1.25mm x 30mm Hex Bolts</p>		<p>⑩</p> <p>2</p>	 <p>8-1.25mm x 40mm Hex Bolts</p>
<p>⑪</p> <p>8</p>	 <p>8mm Lock Washers</p>		<p>⑫</p> <p>18</p>	 <p>8mm x 24mm OD x 2mm Flat Washers</p>
<p>⑬</p> <p>2</p>	 <p>8mm x 16mm OD x 1.6mm Flat Washers</p>		<p>⑭</p> <p>8</p>	 <p>8-1.25mm x 25mm Button Head Bolts</p>
<p>⑮</p> <p>6</p>	 <p>8mm Nylon Lock Nuts</p>		<p>⑯</p> <p>2</p>	 <p>10-1.5mm x 30mm Button Head Bolts</p>
<p>⑰</p> <p>4</p>	 <p>10mm x 20mm OD x 2mm Flat Washers</p>		<p>⑱</p> <p>2</p>	 <p>10mm Nylon Lock Nuts</p>
<p>⑲</p> <p>6</p>	 <p>12-1.75mm x 35mm Hex Bolts</p>		<p>⑳</p> <p>12</p>	 <p>12mm x 32mm OD x 3mm Flat Washers</p>
<p>㉑</p> <p>6</p>	 <p>12mm Lock Washers</p>		<p>㉒</p> <p>6</p>	 <p>12mm Hex Nuts</p>

<p>②③</p>	<p>1</p>	 <p>4mm Hex Wrench</p>	<p>②④</p>	<p>1</p>	 <p>5mm Hex Wrench</p>
<p>②⑤</p>	<p>1</p>	 <p>6mm Hex Wrench</p>	<p>②⑥</p>	<p>2</p>	 <p>4.8 x 30 Screws</p>
<p>②⑦</p>	<p>2</p>	 <p>5mm x 18mm OD x 2mm Flat Washers</p>			

## Installation Steps

### Installation Fig.



Install Brush Guards and grille guard with standard parts ⑫ ⑭ ⑮ as below figure shows.

#### PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING IS REQUIRED. ASSISTANCE IS RECOMMENDED.
2. Starting on the Driver/Left side of the vehicle, locate the crossbar at the bottom of the frame, (Figure 1).
  - a. Remove the factory hardware attaching the crossbar on the Driver/Left side. **IMPORTANT:** Only remove the factory hardware one side at a time.
  - b. Select the Driver/Left Mounting Bracket.
  - c. Attach the Bracket to the frame with (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm x 24mm Flat Washers, (Figures 2 & 3). **NOTE:** Determine the slots needed in the Mounting Bracket for model of vehicle. Do not tighten hardware.

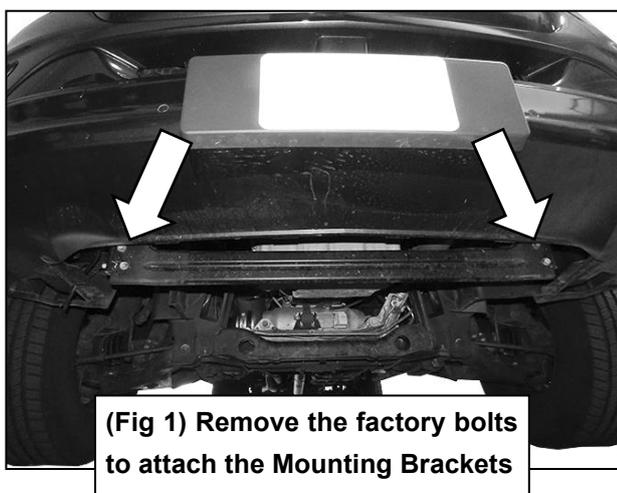
3. Repeat **Step 2** to attach the Passenger/Right Mounting Bracket.
4. Next, remove the (2) Torx bolts in the bottom of the opening in the front bumper step area, (**Figure 4**).  
**NOTE: Screws may be covered with plastic plugs.** Place a Tube Spacer into the driver/left recess in the bumper cover, (**Figure 5A & 5B**). Position the Driver/Left Center Bracket over the Tube Spacer. Attach the flat end of the Center Bracket to the Tube Spacer and bumper with (1) 8mm x 40mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm x 24mm STD Flat Washer, (**Figure 6**). Do not tighten hardware. Repeat this **Step** to attach the Passenger/Right Center Bracket.
5. With assistance, position the Grille Guard up to the outside of the Mounting Brackets. Attach the Grille Guard to the Brackets with (6) 12mm Hex Bolts, (12) 12mm Flat Washers, (6) 12mm Lock Washers and (6) 12mm Hex Nuts, (**Figures 7 & 8**). Do not tighten hardware.
6. Attach the Driver/Left Center Bracket to the Grille Guard with the included (1) 10mm x 30mm Button Head Bolt, (2) 10mm Flat Washers and (1) 10mm Nylon Lock Nut, (**Figure 9**). Do not tighten hardware. Repeat this **Step** to attach the Passenger/Right Center Bracket to Grille Guard.
7. Open the hood and remove the screw attaching the top of the grille to the Driver/Left side of the radiator core support, (**Figure 10**).
8. Select (1) Top Bracket. Attach the Top Bracket to the grille and core support with the included (1) ST4.8 x 45 Philip Screw and (1) 5mm Flat Washer, (**Figures 11 & 12**). Do not tighten hardware.
9. Line up the outer end of the Top Bracket with the threaded insert in the bottom of the top tube on the Grille Guard. Attach the Bracket to the tube with (1) 8mm x 25mm Button Head Bolt, (1) 8mm Lock Washer and (1) 8mm x 16mm Small Flat Washer, (**Figures 13 & 14**).
10. Repeat **Steps 8—10** to attach the Passenger/Right Top Bracket.
11. Level and adjust the Grille Guard and tighten all hardware.
12. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

**To protect your investment**, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

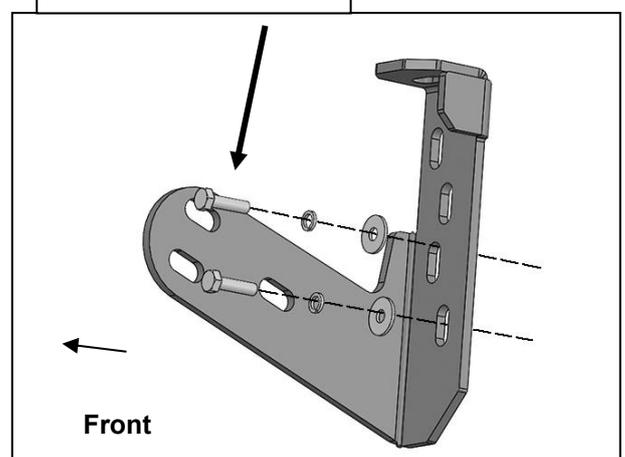
**For stainless steel:** Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Grille Guard.

**For gloss black finishes:** Mild soap may be used to clean the Grille Guard.

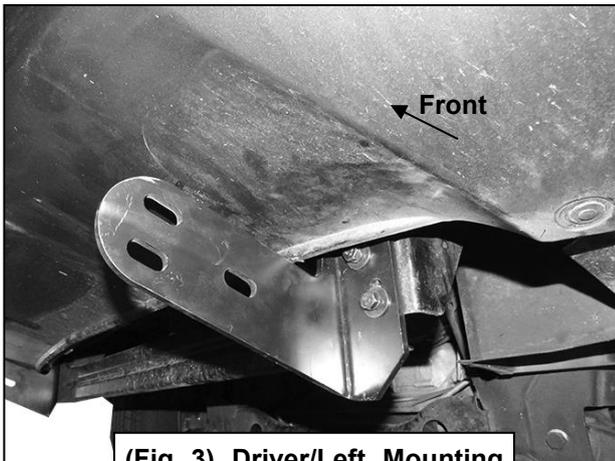
#### Driver/Left Side Installation Pictured



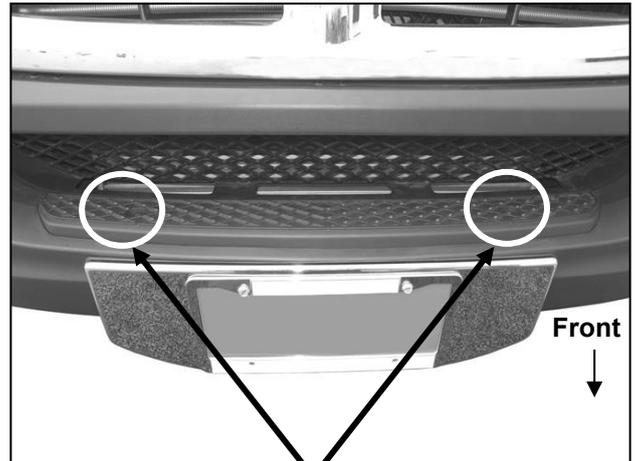
8mm x 30mm Hex Bolt  
8mm Lock Washer  
8mm Flat Washer



**Driver/Left Side Installation Pictured**



**(Fig 3) Driver/Left Mounting Bracket attached to the frame**



**(Fig 4) Remove (2) factory screws (Torx head). NOTE: Remove plastic plugs covering screws if equipped**



**(Fig 5B) Insert Spacer into recess in bumper**



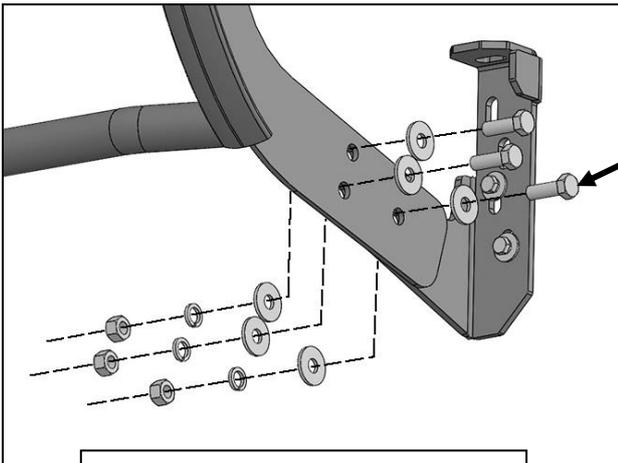
**(Fig 5A) Tube Spacer**

- 8mm x 40mm Hex Bolt
- 8mm Lock Washer
- 8mm x 24mm x 2mm Flat Washer



**(Fig 6) Attach driver/left Center Bracket to bumper**

**Driver/Left Side Installation Pictured**

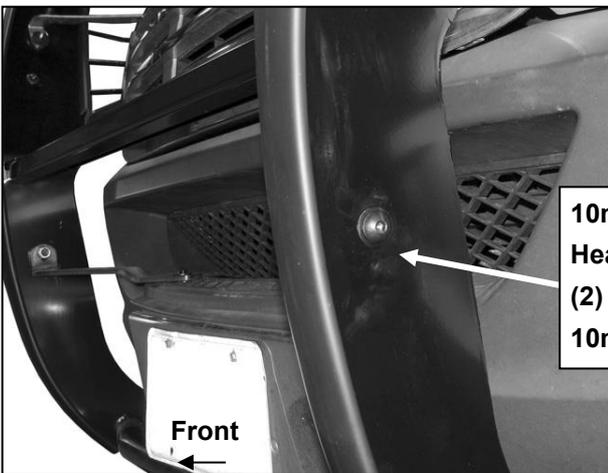


- (3) 12mm Hex Bolts
- (6) 12mm Flat Washers
- (3) 12mm Lock Washers
- (3) 12mm Hex Nuts

**(Fig 7) Attach the Grille Guard to the Driver/Left Mounting Bracket**



**(Fig 8) Attach Grille Guard to Frame Brackets**



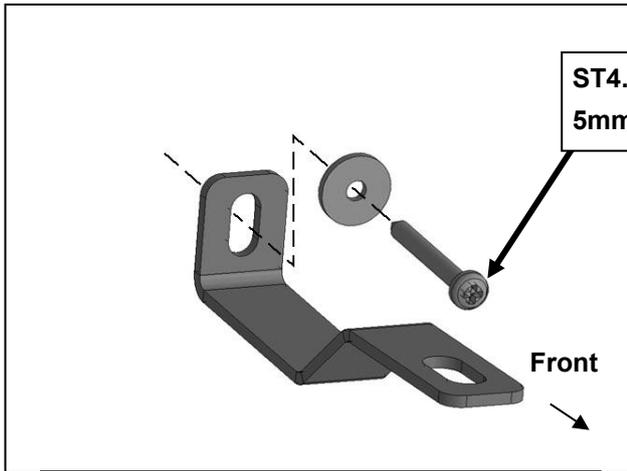
- 10mm x 30mm Button Head Bolt
- (2) 10mm Flat Washers
- 10mm Nylon Lock Nut

**(Fig 9) Attach Center Bracket to upright**



**(Fig 10) Remove factory screw**

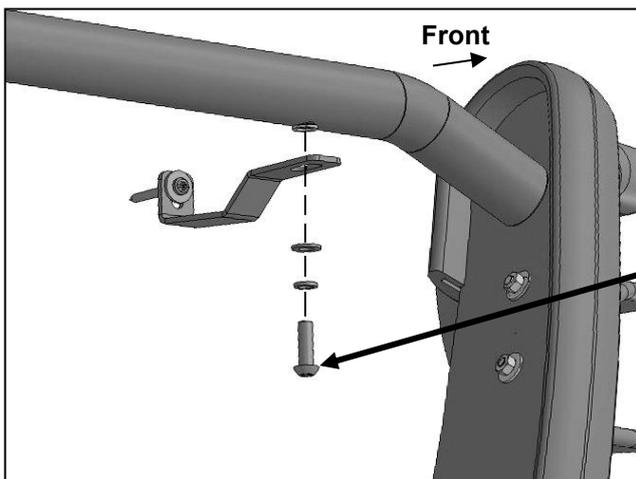
**Driver/Left Side Installation Pictured**



**(Fig 11) Attach Top Bracket to top of grille**



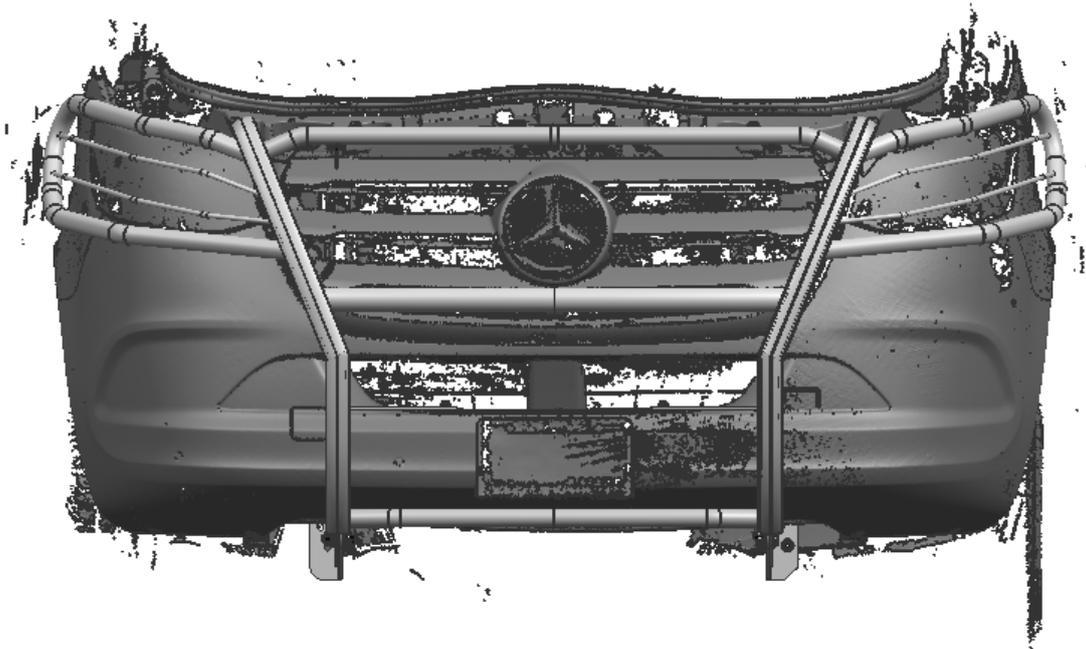
**(Fig 12) Top Bracket installed**



**(Fig 13) Attach Top Bracket to bottom of top tube on Grille Guard**



**(Fig 14) Top Bracket installed**



## NOTE

Any damages and losses caused by improper installation and application, goes beyond our quality warranty.