



INSTALLATION INSTRUCTIONS

**BLACK MODULAR GRILLE GUARD FOR 94-01 RAM 1500/94-02 RAM
2500/3500
PART #17DG100MA**

PARTS LIST:

Qty	Description	Qty	Description
1	Front Guard	2	10-1.5mm x 40mm Hex Bolts
1	Left Brush Guard	2	10-1.5mm x 30mm Hex Bolts
1	Right Brush Guard	4	10mm x 30mm OD x 2.5mm Large Flat Washers
2	Top Clamp Brackets	4	10mm x 20mm OD x 2mm STD Flat Washers
2	Bottom Brackets	4	10mm Lock Washers
2	Spacer Plates	4	10mm Hex Nuts
2	12-1.75mm x 120mm Hex Bolts	8	Hex Lock Nuts M8
2	12mm Lock Washers	8	Hex Button Head Bolts M8_25
2	12mm x 37mm OD x 3mm Flat Washers	16	Flat washers D8(8x16x1.6mm)

NOTICE: Grille Guard may interfere with the performance of forward facing cameras and sensors, if equipped.

PROCEDURE:

- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. DRILLING IS REQUIRED.**
- Open the front hood. Measure to locate the approximate top-center of the front bumper, **(Figure 1)**. Use a small piece of removable tape to mark the center of the bumper, (masking tape for example). Measure outward from the center 22-3/4" along the top edge in both directions, (toward driver and passenger side). Cover these spots on the bumper with removable tape for protection and place a mark on each side at 22-3/4" **(Figure 1)**.
- Select the (2) Top Clamp Brackets. Slide the smaller slot on the bottom of the Clamp over the edge of the steel bumper. Slide the plastic cover into the middle slot in the Clamp. Line up the center of each Top Clamp on the marks in Step 2, **(Figure 2-inset)**.
- Next, from under the front of the vehicle, remove the driver side factory body bolt. Select (1) Bottom Mounting Bracket and Spacer. Insert (1) 12mm x 120mm Hex Bolt, (1) 12mm Lock Washer and (1) 12mm Flat Washer through the Bottom Mounting Bracket and Spacer and into the bottom of the body mount, **(Figure 2)**. Snug but do not fully tighten the hardware at this time.
- Repeat **Step 4** for passenger side Bottom Bracket and Spacer installation.
- With assistance, lift the Grille Guard up to the vehicle and line up the (2) Top mounting tabs on the Grille Guard with the (2) Top Clamp Brackets. **NOTE:** The Grille Guard is shipped with (2) Edge Covers to protect the front bumper from damage. These are installed at the factory but may come loose in shipping, **(Figure 2)**. Please reinstall before continuing with installation.
- Bolt the Grille Guard to the Top Clamp Brackets with (2) 10mm x 40mm Hex Bolts, (4) 10mm x 20mm STD Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts. Snug both Hex Bolts evenly but do not fully tighten hardware at this time.
- Carefully slide the Grille Guard side to side to center on the vehicle. Loosen Top Clamp hardware if necessary. Once the Grille Guard is properly centered, make sure that the bottom tabs on the grille guard are against the lower bumper cover. Mark the location of the (2) mounting holes in the tabs onto the bumper cover. **IMPORTANT:** Before drilling, verify that the Bottom Brackets line up with the back of the air dam and the lower tabs on the grille guard.
- Temporarily remove the Grille Guard. Drill (2) 7/16" holes through the cover in line with the bottom mounting tabs. Reinstall the Grille Guard as described in Steps 5 & 6.
- Line up the Bottom Mounting Brackets with the tabs on the Grille Guard and the 7/16" holes drilled in Step 9. Bolt the Grille Guard to the Bottom Brackets with (2) 10mm x 30mm Hex Bolts, (4) 10mm x 30mm Large Flat Washers, (2) 10mm Lock Washers and (2) 10mm Hex Nuts, **(Figure 2)**. Snug both Hex Bolts but do not fully tighten hardware at this time.
- 11. IMPORTANT:** Slowly close the hood to check for clearance and fit of the Grille Guard and brackets. Adjust as necessary then snug but do not tighten all of the hardware.

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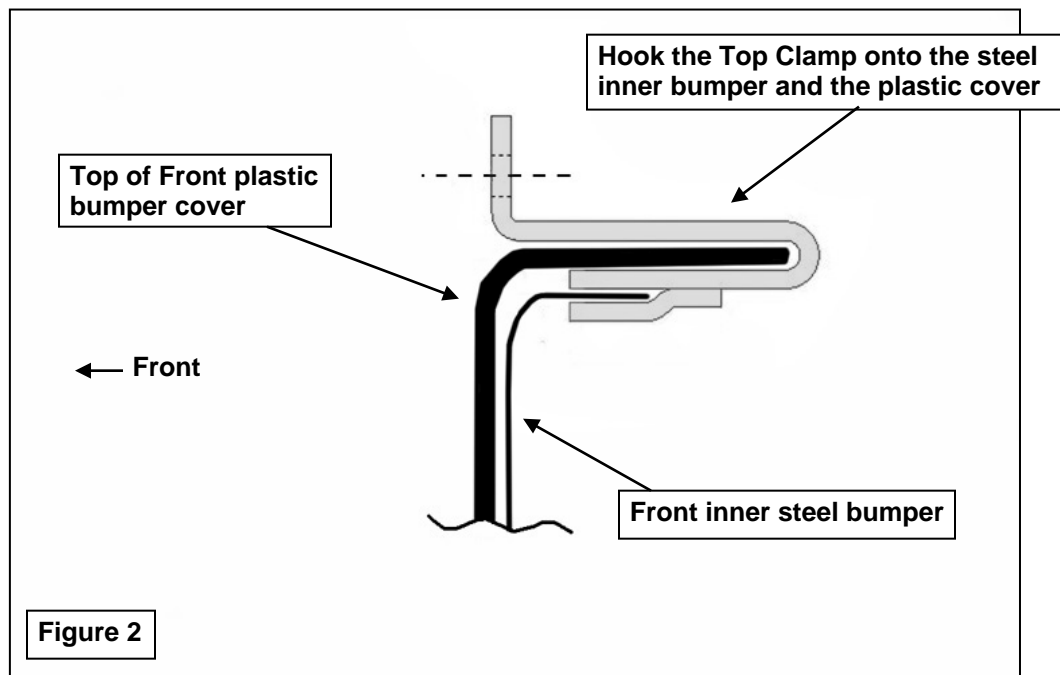
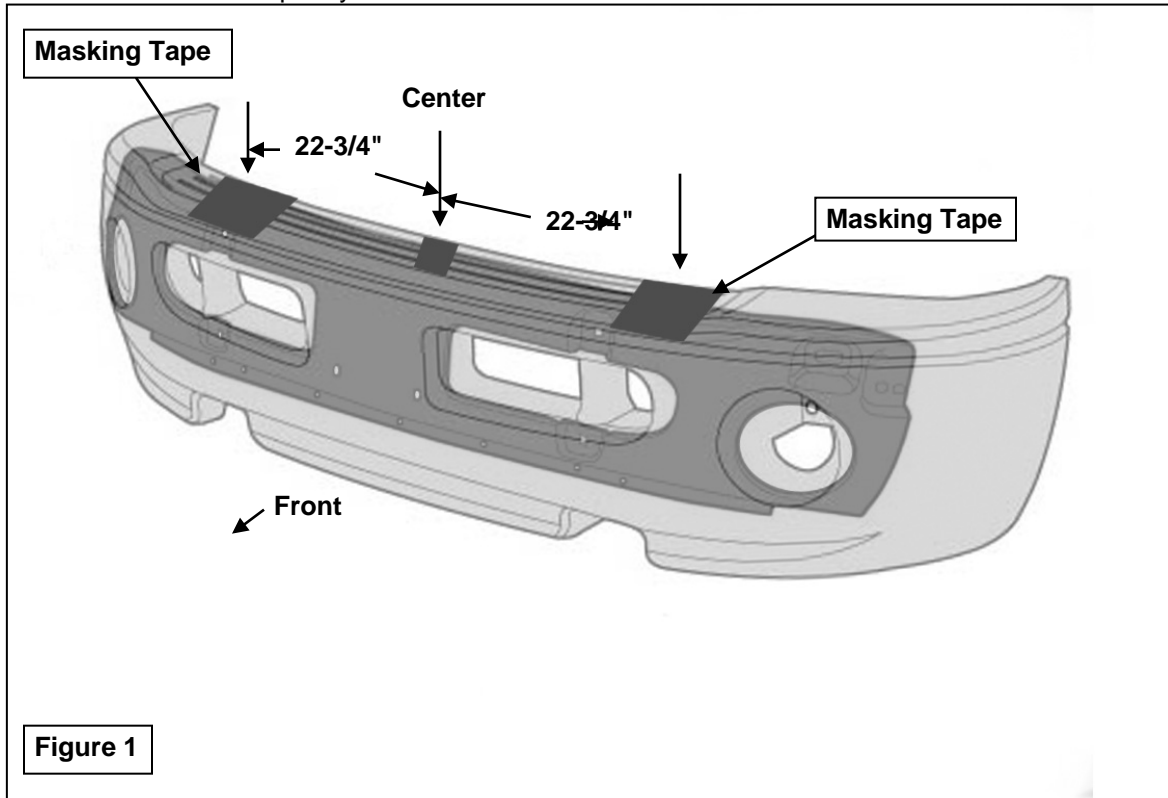
12. Stand back from the vehicle and check to see that the Grille Guard is centered and level on the vehicle and adjust as necessary. Once properly aligned, tighten all hardware. **NOTE:** Tighten the (4) 10mm Hex Bolts evenly to pull the Grill Guard straight and flat against the front bumper. Remove any protective tape used during installation.

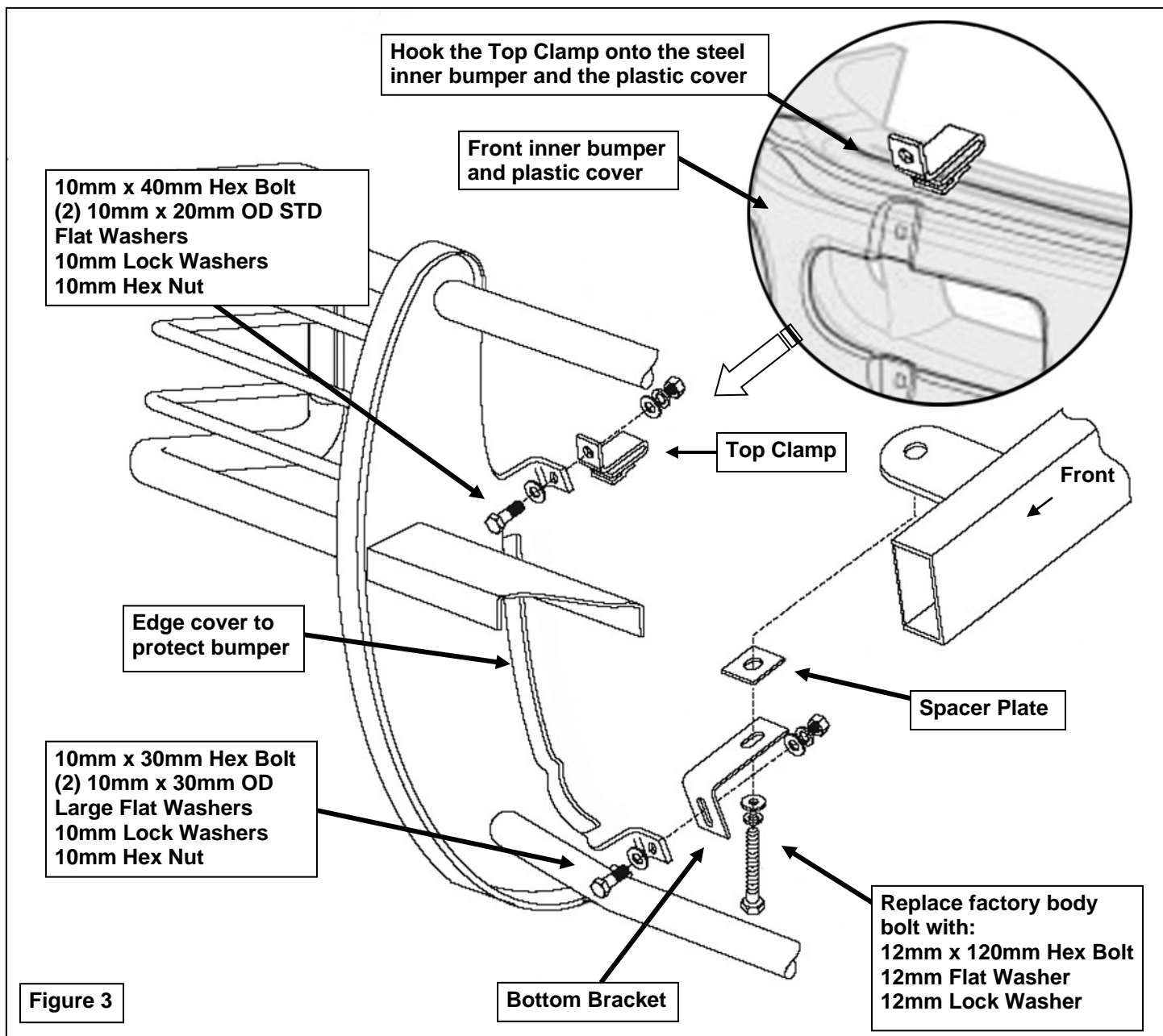
13. Do periodic inspections of the installation to make sure that all hardware is secure and tight.

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.





Passenger Side Installation Illustrated

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