



TEL: 1-866-XANATOS

INSTALLATION INSTRUCTIONS

**MODULAR RUGGED GRILLE GUARD FOR
10-18 Dodge Ram 2500/3500
PART# RU-DORA10-B**

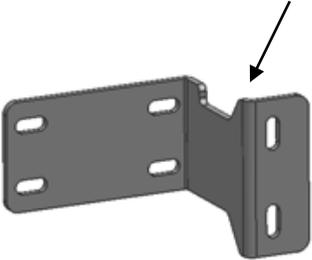
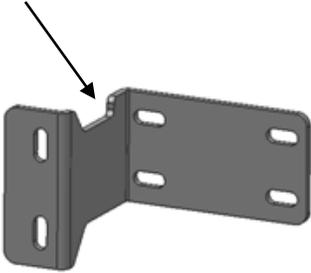
PARTS LIST:

1	Main Body	18	8mm x 24mm OD x 2mm Flat Washers
1	Driver/Left Brush Guard	8	8mm Nylon Lock Nuts
1	Passenger/Right Brush Guard	10	8mm x 25mm Button Head Allen Screws
2	LED lamp Bracket	4	10mm Nylon Lock Nuts
1	Driver Side Top Mounting Bracket	4	10mm x 35mm Hex Bolts
1	Passenger Side Top Mounting Bracket	24	10mm x 27mm OD x 3mm Flat Washers
1	Driver Side Lower Mounting Bracket	8	10mm x 45mm Hex Bolts
1	Passenger Side Lower Mounting Bracket	8	10mm Hex Nuts
1	Driver Side Support Bracket	8	10mm Lock Washers
1	Passenger Side Support Bracket	12	12mm x 32mm OD x 3mm Flat Washers
1	Allen Wrench S=5	6	12mm x 40mm Hex Bolts
		6	12mm Hex Nuts
		6	12mm Lock Washers

Passenger Side Top Mounting Bracket

Driver Side Top Mounting Bracket

Driver Side Support Bracket



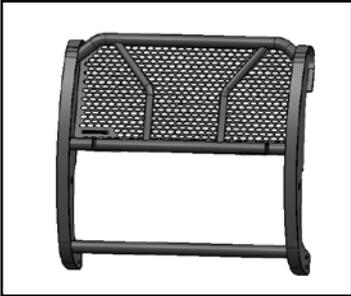
Passenger Side Support Bracket

Passenger Lower Mounting Bracket

Driver Lower Mounting Bracket



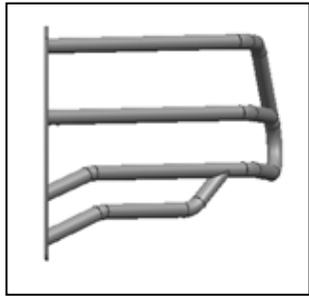
(2)LED lamp Bracket



**Main Body
 For example only**



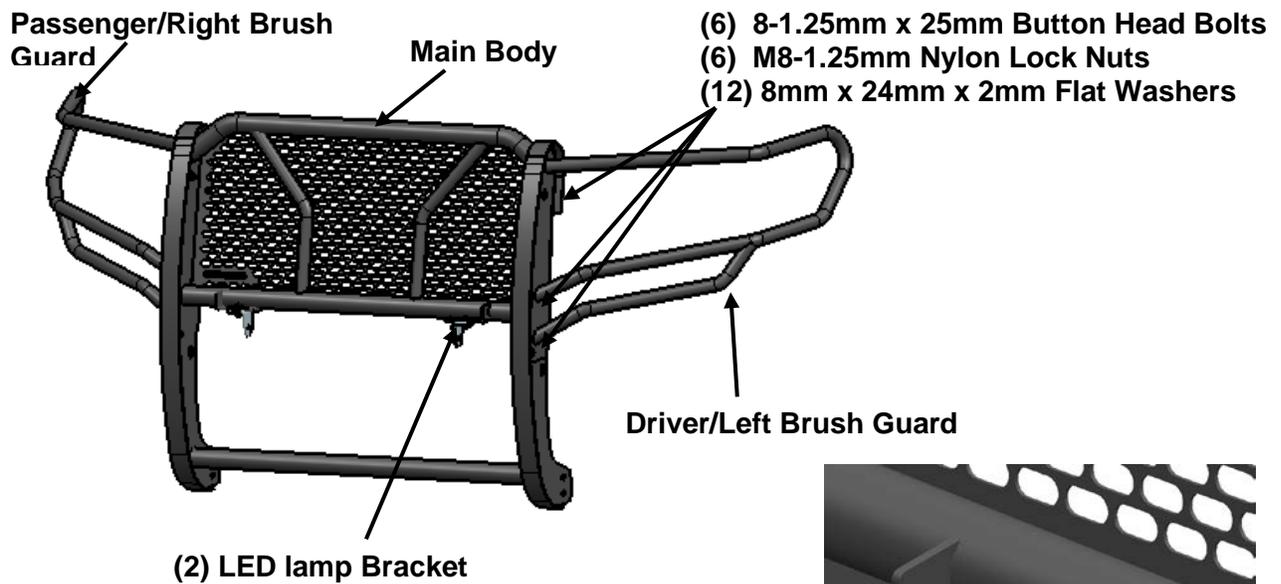
**Passenger/Right
 Brush Guard**



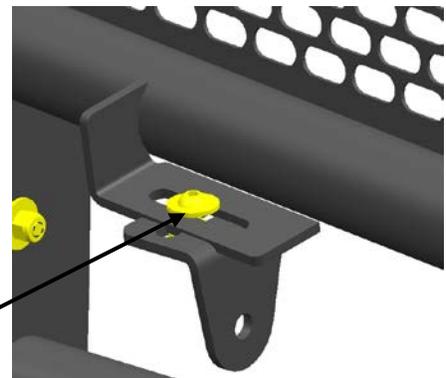
**Driver/Left
 Brush Guard**

Please Noted:

1. Before you install the Grille Guard on the vehicle, please install the Driver/Left Brush Guard and Passenger/Right Brush Guard on the main body first.
2. Before you install the LED Lamp on the main body please install the LED Lamp Bracket first.
3. If you are not going to install a LED Lamp, the LED Lamp Bracket installation is unnecessary. For main body installation follow the instruction as bellow.



- (2) 8-1.25mm x 25mm Button Head Bolts
- (2) M8-1.25mm Nylon Lock Nuts
- (4) 8mm x 24mm x 2mm Flat Washers



PROCEDURE:

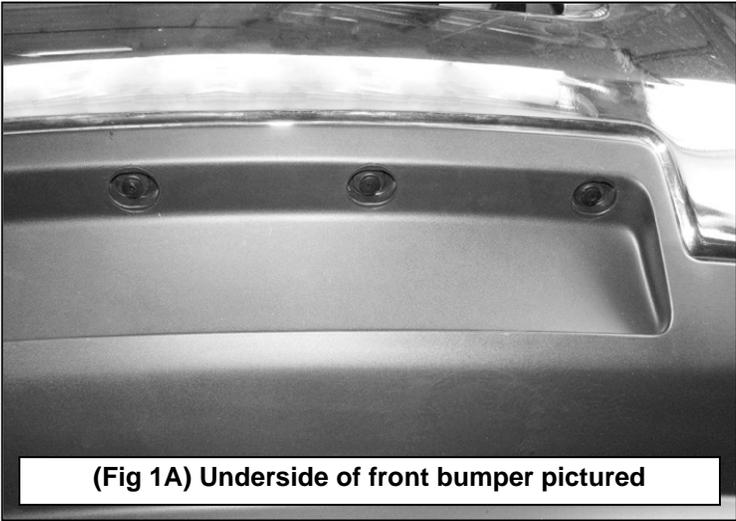
- 1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. CUTTING IS REQUIRED.**
2. Starting under the front bumper, carefully remove the plastic splash guard from the bottom of the bumper. Depending on the model of truck, the splash guard may be attached to the bumper with hex bolts and several two-piece plastic push-in clips. First, remove all hex bolts, then locate the clips behind and across the front of the bumper, **(Figure 1A)**. Pry up on the center pin of the clip with a flat blade screwdriver to release the pin then remove the entire clip, **(Figure 1B)**. **NOTE:** Pay close attention to the type and location of all factory hardware for reinstallation. Move the splash guard to a clean stable work area.
3. Remove the driver side tow hook, **(Figure 2)**. **NOTE:** The factory hex bolts and nuts securing the inner (2) tow hook bolts may be difficult to remove. Assistance is recommended. Use a socket with a long extension to reach the hex nuts on the inner tow hook bolts. Once the tow hook has been removed, **(Figure 3)**, select the Driver Side Top Mounting Bracket and place it between the tow hook and the frame. Secure the tow hook and Top Bracket to the vehicle with (4) 10mm x 45mm Hex Bolts, (8) 10mm Flat Washers, (4) 10mm Lock Washers and (4) 10mm Hex Nuts, **(Figure 4)**. Snug but do not tighten hardware at this time.
4. Select the driver side Support Bracket. Remove the (2) factory hex nuts securing the lower part of the bumper to the bumper bracket. Line up the mounting hole and slot in the Bracket with the (2) bumper bolts and secure with the factory hex nuts, **(Figure 5)**. Snug but do not tighten hardware at this time. Repeat Step 3 – 4 for passenger side Mounting Bracket installation.
5. Hold the plastic splash guard up in the approximate position. Mark the areas indicated onto the driver and passenger side of the splashguard, **(Figure 6)**. Cut out (2) openings for the lower Mounting Brackets, **(Figure 7)**. Reinstall the splash guard using the factory hardware.
6. Attach the Lower Mounting Bracket to the Grille Guard with (4) 10mm x 35mm Hex Bolts, (8) 10mm x 27mm OD x 3mm Flat Washers and (4) 10mm Nylon Lock Nuts **(Figure 8)**.
7. With assistance, position the Grille Guard up to the Top Mounting Brackets. Use the included (4) 12mm x 40mm Hex Bolts, (8) 12mm Flat Washer, (4) 12mm Lock Washers and (4) 12mm Hex Nuts to attach the Grille Guard to the Top Mounting Brackets, **(Figure 9)**. Insert the lower brackets on the Grille Guard through the openings cut into the splash guard in **Step 5**. Trim plastic as necessary to properly clear brackets. Snug but do not tighten hardware at this time.
8. Line up the holes and attach the Grille Guard to the Support Brackets using the included (2) 12mm x 40mm Hex Bolts, (4) 12mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts, **(Figure 10)**. Snug but do not tighten at this time.
9. With assistance, align and adjust the Grille Guard and tighten all hardware. **IMPORTANT:** Do not allow the Top Mounting Brackets to contact the bumper. Align the Top Mounting Brackets so that they are centered, side-to-side and that there is an even gap between the Brackets and the steel bumper.
10. 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 Side Installation Pictured



(Fig 1A) Underside of front bumper pictured



Fig 1B

**Pictured for example only,
actual clip may differ**



Fig 2



Fig 3

- (4) 10mm x 45mm Hex Bolts**
- (8) 10mm Flat Washers**
- (4) 10mm Lock Washers**
- (4) 10mm Hex Nuts**

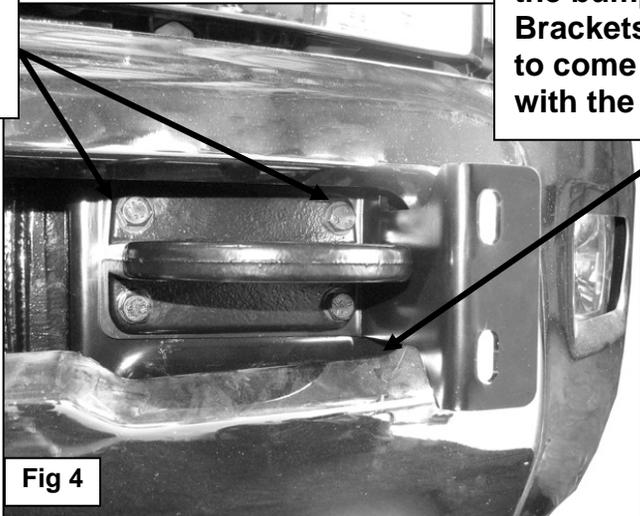
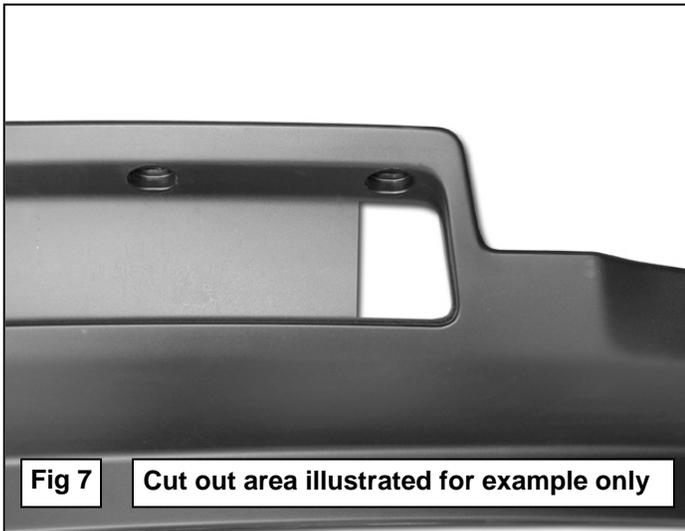
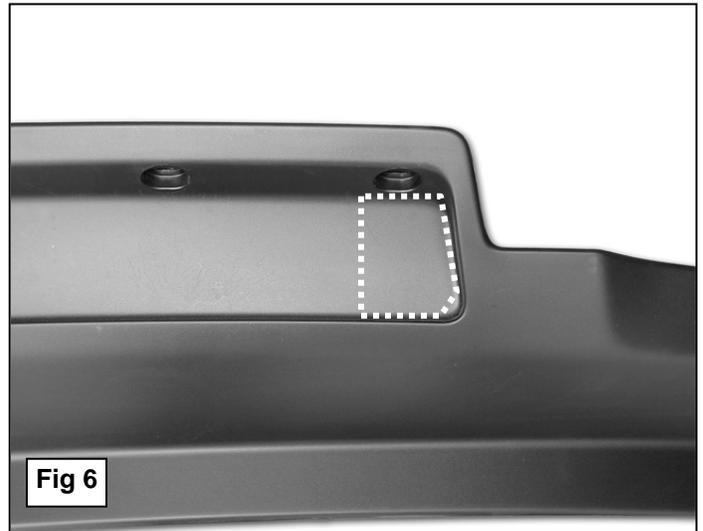
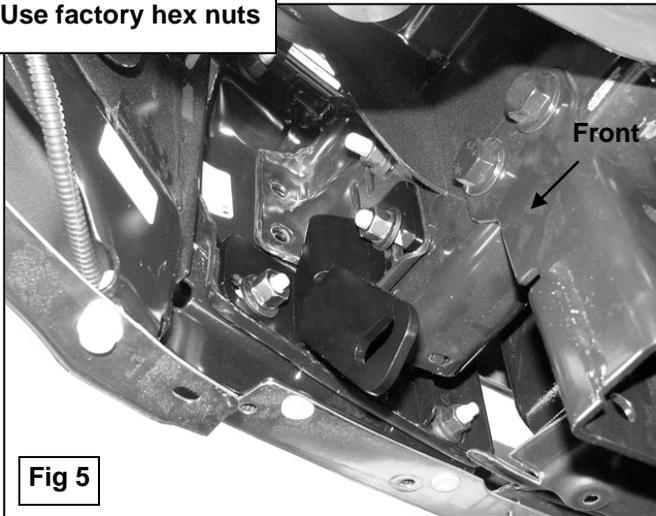


Fig 4

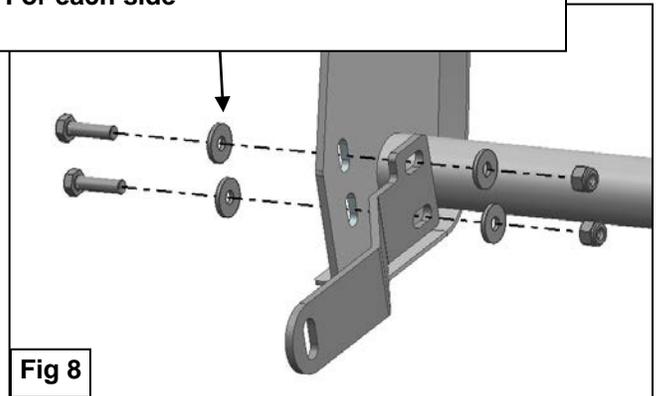
**IMPORANT: To prevent damage to
the bumper and/or Frame Mounting
Brackets, do not allow the Brackets
to come in contact, top or bottom,
with the steel bumper**

Driver Side Installation Pictured

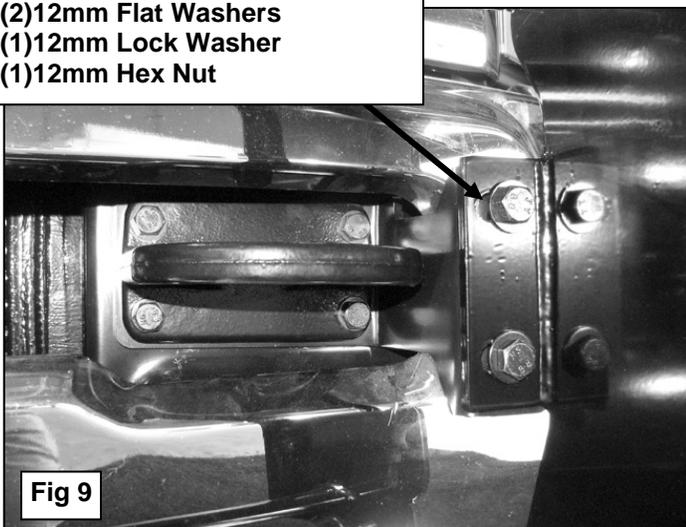
Use factory hex nuts



(2) 10mm x 35mm Hex Bolts
(4) 10mm x 27mm OD x 3mm Flat Washers
(2) 10mm Nylon Lock Nuts
For each side



(1)12mm x 40mm Hex Bolt
(2)12mm Flat Washers
(1)12mm Lock Washer
(1)12mm Hex Nut



(1)12mm x 40mm Hex Bolt
(2)12mm Flat Washers
(1)12mm Lock Washer
(1)12mm Hex Nut
(Pictured from below without splash guard for illustration purposes only)

