

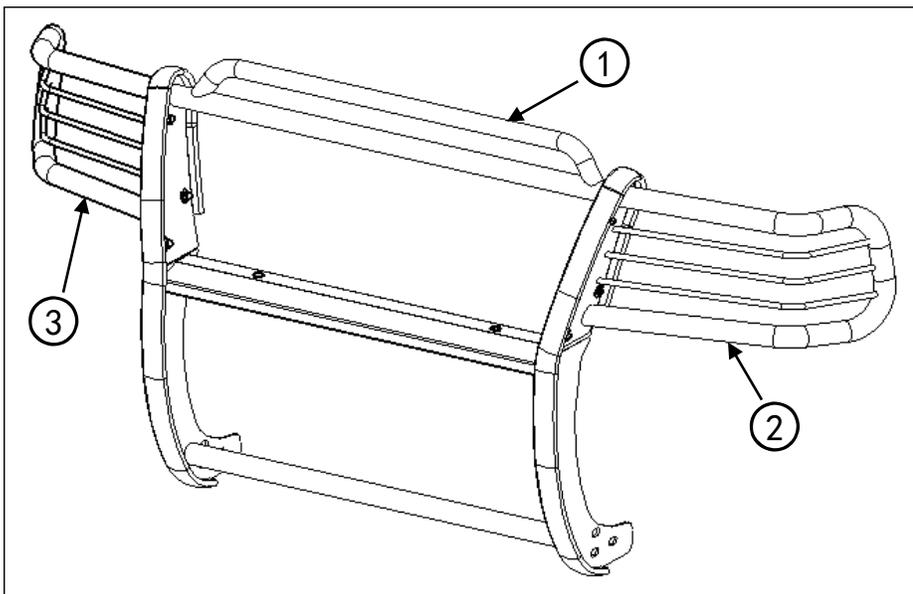
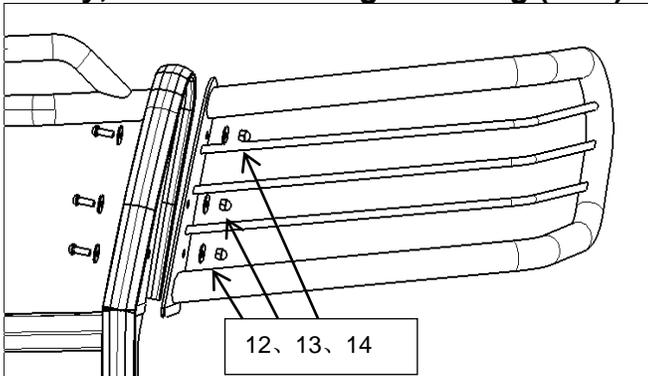


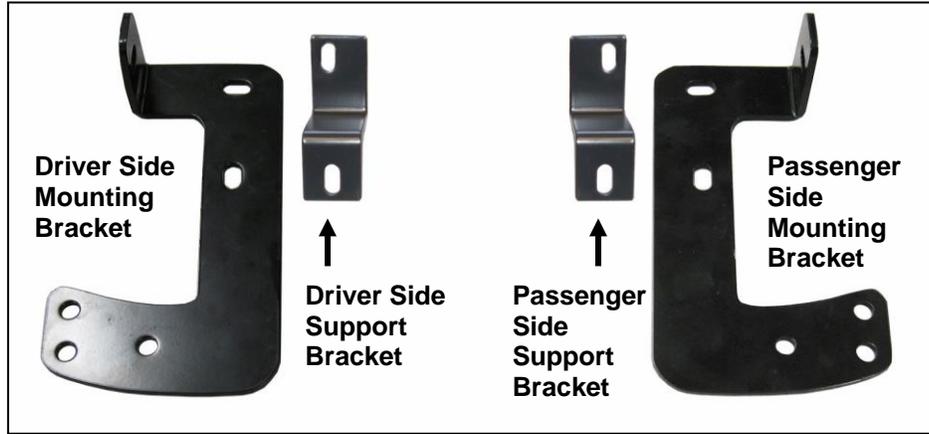
INSTALLATION INSTRUCTIONS
BLACK MODULAR GRILLE GUARD FOR FORD RANGER 01-12
PART #17FR20MA

PARTS LIST:

NO.	QTY	NAME	NO.	QTY	NAME
①	1	Grille Guard	②	1	Bush Guard Wing L
③	1	Bush Guard Wing R	④	2	12-1.75mm x 100mm Hex Bolts (half thread)
⑤	1	Driver/Left Mounting Bracket	⑥	8	12-1.75mm x 30mm Hex Bolts
⑦	1	Passenger/Right Mounting Bracket	⑧	20	12mm x 32mm OD x 3mm Flat Washers
⑨	1	Driver/Left Support Bracket	⑩	10	12mm Nylon Lock Nuts
⑪	1	Passenger/Right Support Bracket	⑫	6	socket head cap screw M8_25
⑬	12	Flat washer D8	⑭	6	Type 1 non-metallic insert Hexagon lock nut M8
⑮	1	Allen wrench S=5	⑯		

Firstly, install the bush guard wing (L&R) to the guard as the picture shown.



**PROCEDURE:**

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DO NOT ATTEMPT INSTALLATION ALONE; PERSONAL INJURY OR DAMAGE TO THE TRUCK MAY RESULT. FACTORY STEEL SKID PLATE MUST BE REMOVED OR HEAVILY MODIFIED FOR INSTALLATION.
2. On the driver side, locate and loosen the (1) factory hex nut, (outer position), securing the bumper to the frame, **(Figure 1A & 1B)**.
3. Position the driver side Mounting Bracket over the factory bolt and secure with the factory hex nut. Line up the slot in the side of the Mounting Bracket with the factory hole through the frame, **(Figure 1A & 1B)**. Select the driver side Support Bracket and position it up to the back side of the frame as shown in **Figure 2**. Check for clearance and trim the plastic spoiler as required to clear brackets. Secure the Mounting Bracket and Support Bracket to the frame at the upper mounting position with the included (1) 12mm x 100mm Hex Bolt, (2) 12mm Flat Washers and (1) 12mm Nylon Lock Nut, **(Figure 2)**. Bolt the Support Bracket to the Mounting Bracket at the lower mounting position with (1) 12mm x 30mm Hex Bolt, (2) 12mm Flat Washers and (1) 12mm Nylon Lock Nut. Do not tighten hardware at this time.
4. Repeat Steps 2 & 3 for passenger side Mounting Bracket and Support Bracket installation. Snug but do not tighten hardware at this time.
5. With assistance, position the Grille Guard up to the inside of the Mounting Brackets. **NOTE:** Depending on model year, Grille Guard may be bolted to the inside or outside of the Mounting Brackets. Attach the Grille Guard to the Mounting Brackets with the included (6) 12mm x 30mm Hex Bolts, (12) 12mm Flat Washers and (6) 12mm Nylon Lock nuts, **(Figure 3)**.
6. Level and adjust Grille Guard and tighten all hardware.
7. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

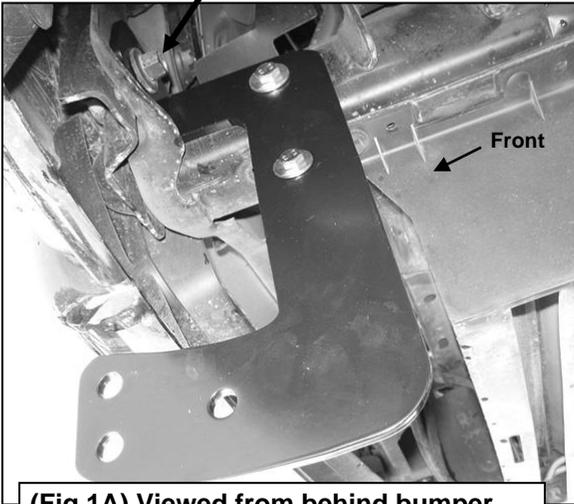
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

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

Factory Hex Nut



(Fig 1A) Viewed from behind bumper

- (1) 12mm x 100mm Hex Bolt
- (2) 12mm Flat Washers
- (1) 12mm Nylon Lock Nut

Factory Hex Nut

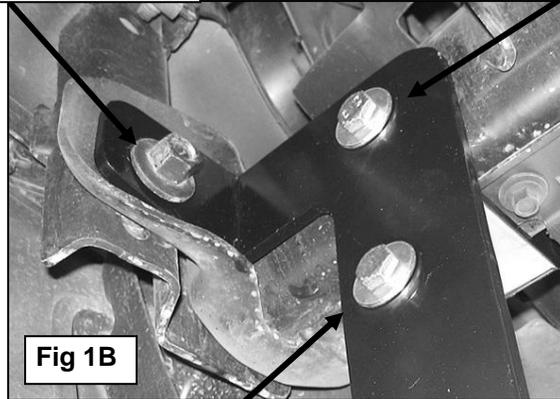


Fig 1B

- (1) 12mm x 30mm Hex Bolt
- (2) 12mm Flat Washers
- (1) 12mm Nylon Lock Nut

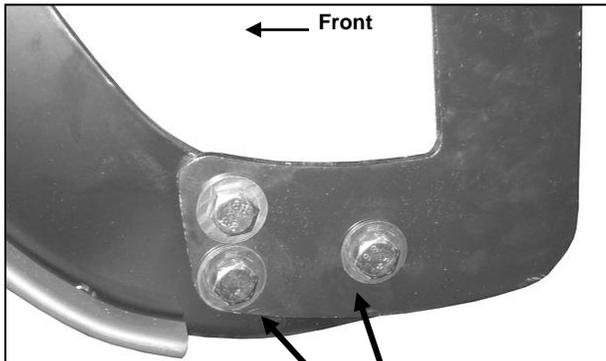


Fig 3

- (3) 12mm x 30mm Hex Bolts
- (6) 12mm Flat Washers
- (3) 12mm Nylon Lock Nuts

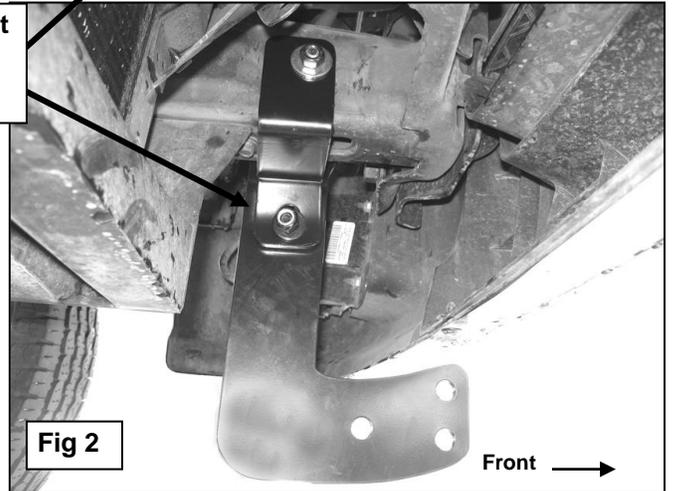


Fig 2

Depending on model year, the plastic spoiler may require some trimming to clear the Mounting Brackets for the Grille Guard.



Complete Installation