

SKU	Make	Model	Year
SBFO-246-R-10B	FORD	RANGER	2019 -

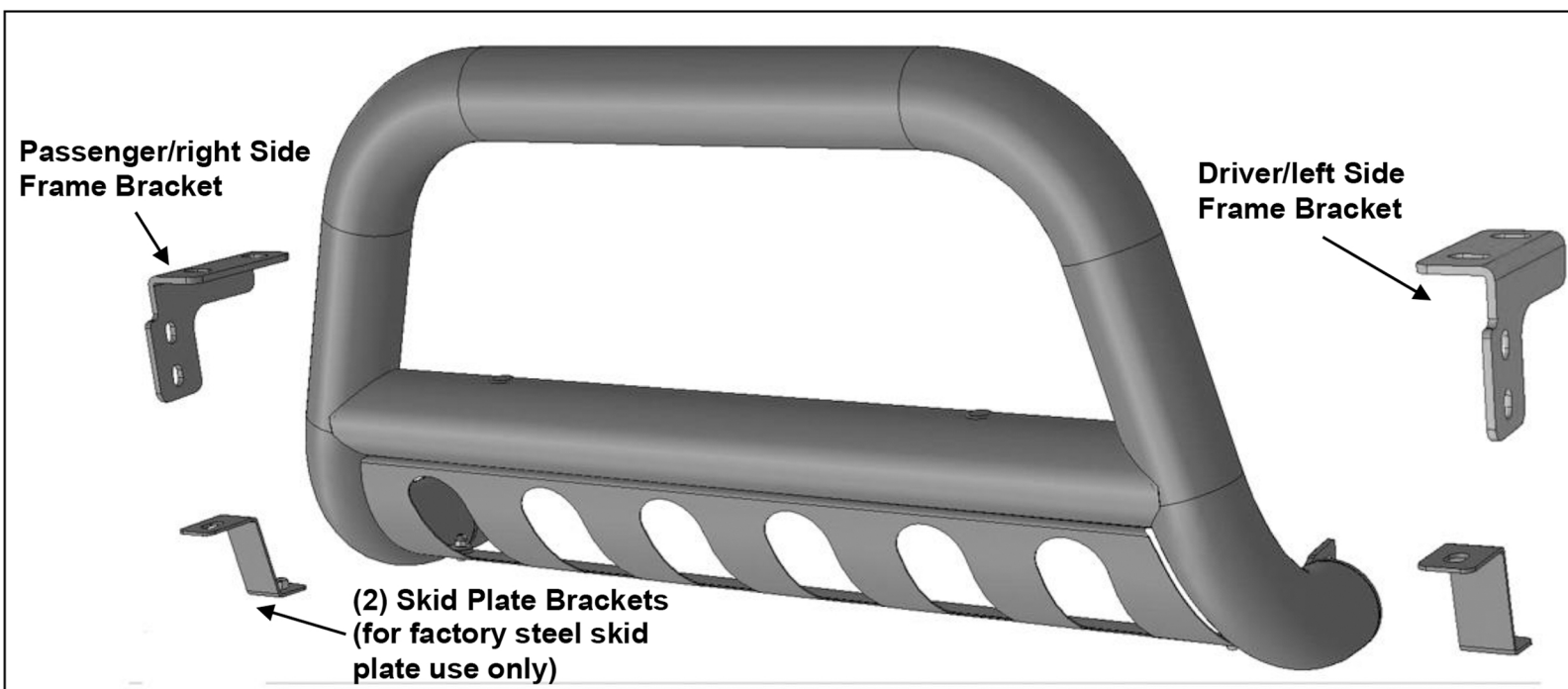
General Instructions:

1. Remove all content from the package, verify and inspect all parts from damage and quantity.
2. Locate all parts, and identify where it should be placed on the vehicle. Identify the mounting points on the vehicle. Note: It may be required to detach any plastic skid shield interfering the chassis frame. Once the mounting brackets from the kit is installed, the installer may then trim and reattach the plastic skid shield back on to the vehicle.
3. Begin by securing all hardware first, before tightening and performing any adjustments. Assistance may be required to balance and align the bumper guard fitment. Once all parts are adjusted and aligned, it may be fully tightened.
4. Refer to the following remarks in this guide for additional tips and comments.

Care Instructions:

- Products can be cleaned with mild soap and water.
- Polishing is recommended on stainless steel products for finish maintenance and touch-ups.
- Nuts and bolts should be inspected, realigned, and retightened periodically.

Qty	Part Description	Qty	Part Description
1	3in Bull Bar	4	12mm x 37mm OD x 3.5mm Flat Washers
1	Driver/left Frame Bracket	4	12mm Lock Washers
1	Passenger/Right Frame Bracket	4	10-1.5mm x 35mm Hex Bolts
2	Skid Plate Mounting Brackets	8	10mm x 27mm OD x 3 mm Flat Washers
4	12-1.75mm x 45mm Hex Bolts	4	10-1.5mm Nylon Lock Nuts



a. Remove the plastic cover attached to the tow hook, **(Figure 1)**. Next, remove the tow hook from the bottom of the frame, **(Figures 2—4)**. On models with steel skid plate, temporarily remove skid plate, **(Figure 3)**.

b. Proceed to **Step 3**.

Vehicles without tow hooks:

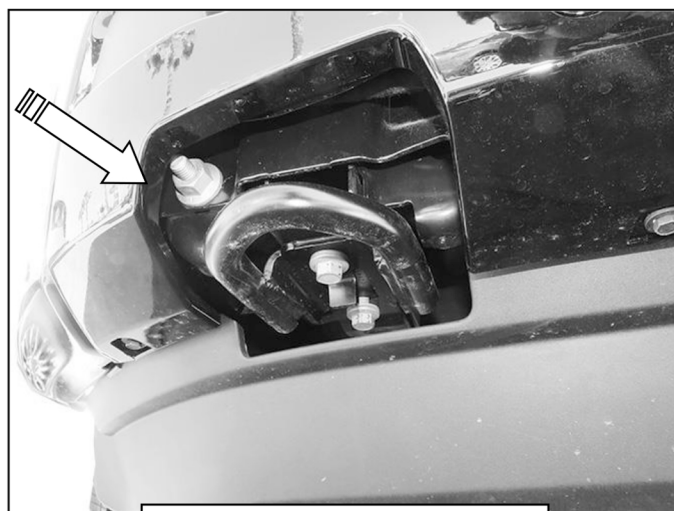
a. Cut out the lower section of the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, **(Figure 5)**. **NOTE:** Hold the Frame Mounting Bracket up to the back of the bumper to determine area to remove to clear Bracket. **IMPORTANT:** Make several small cuts for best fit.

b. Insert the Mounting Brackets through the openings in the bumper to check for clearance around Brackets and hardware. Trim the plastic as required to clear the Brackets.

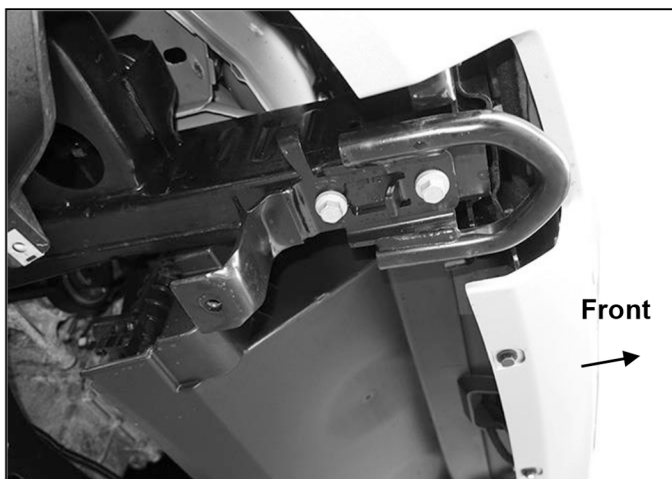
3. Select the driver/left Frame Mounting Bracket, **(Figure 6)**. Hold the Bracket up to the bottom of the frame. Line up the holes in the Bracket with the (2) mounting bolt holes for the tow hook. Attach the Bracket to the threaded holes in the frame with (2) 12mm x 45mm Hex bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers, **(Figure 7)**. **IMPORTANT:** Models with steel skid plate, attach (1) Skid Plate Bracket to the rear mounting Bolt, **(Figure 7)**. Leave hardware loose. Repeat this **Step** to attach the passenger/right Frame Bracket and Skid Plate Bracket if equipped.
4. With assistance, hold the Bull Bar up in position on the inside of the Mounting Brackets. Attach the Bull Bar to the Brackets with (4) 10mm x 35mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, **(Figure 8)**. Do not tighten hardware at this time.
5. Check the Bull Bar alignment with the vehicle and for clearance between the Bull Bar and the bumper. Adjust as required then fully tighten all hardware at this time.
6. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



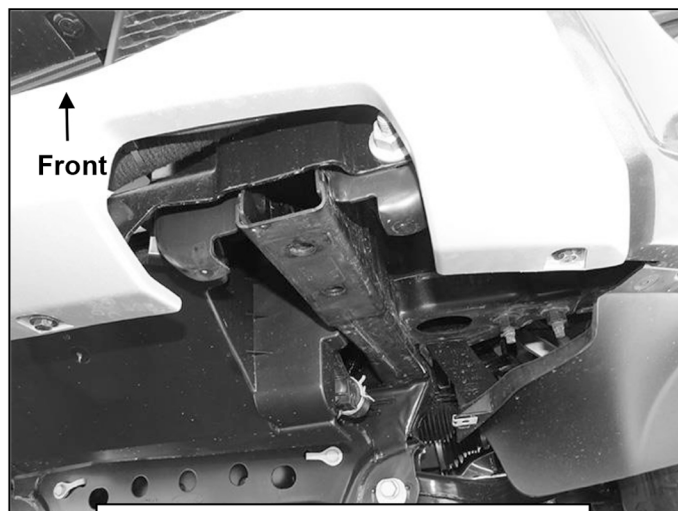
(Fig 1) Example of Tow hook



(Fig 2) Remove plastic cover surrounding tow hook

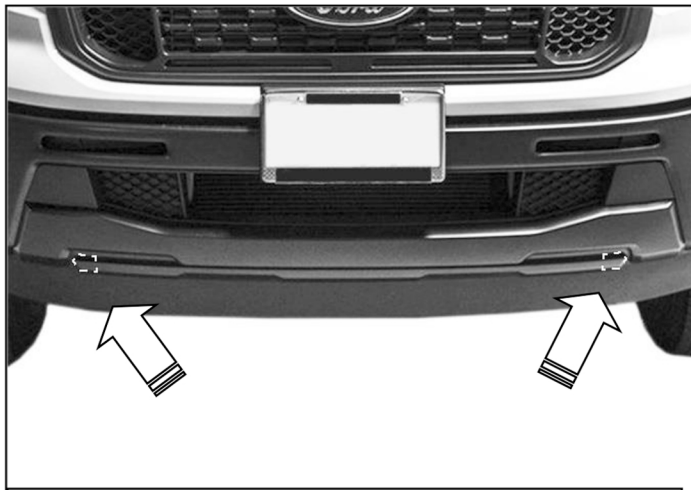


(Fig 3) Models with steel skid plate, temporarily remove skid plate to access tow hooks

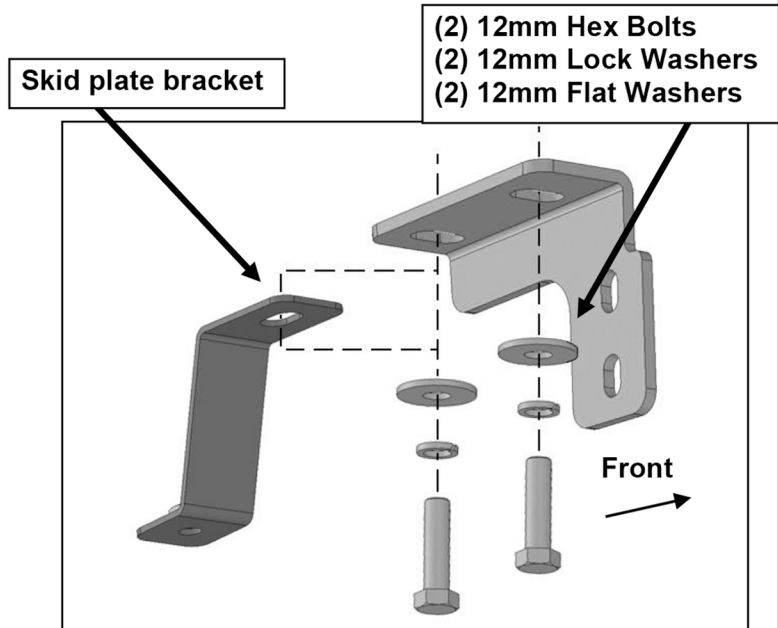


(Fig 4) Driver/left mounting location

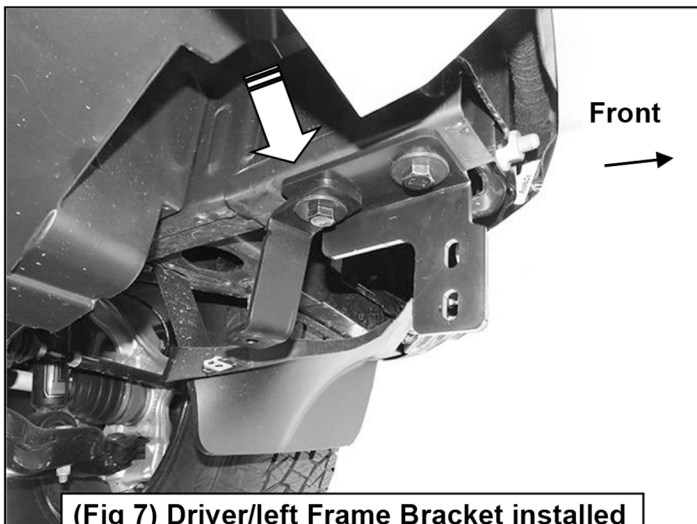
Driver/left Side Installation Pictured



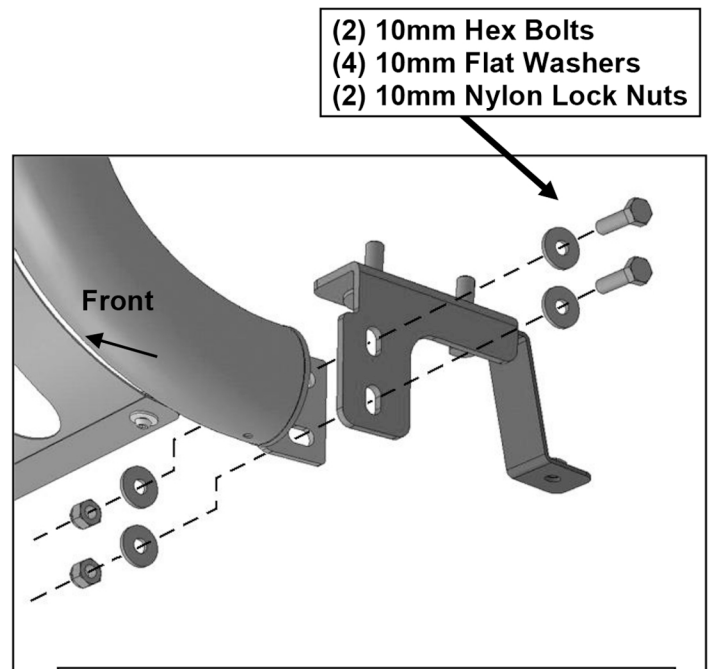
(Fig 5) Models without tow hooks, cut openings in lower plastic cover to clear Brackets



(Fig 6) Attach driver/left Frame Bracket to bottom of frame. Attach skid plate bracket to rear mounting bolt if equipped with steel skid plate



(Fig 7) Driver/left Frame Bracket installed with optional Skid Plate Bracket (arrow)



(Fig 8) Attach Bull Bar to the inside of the Brackets. Driver/left installation illustrated