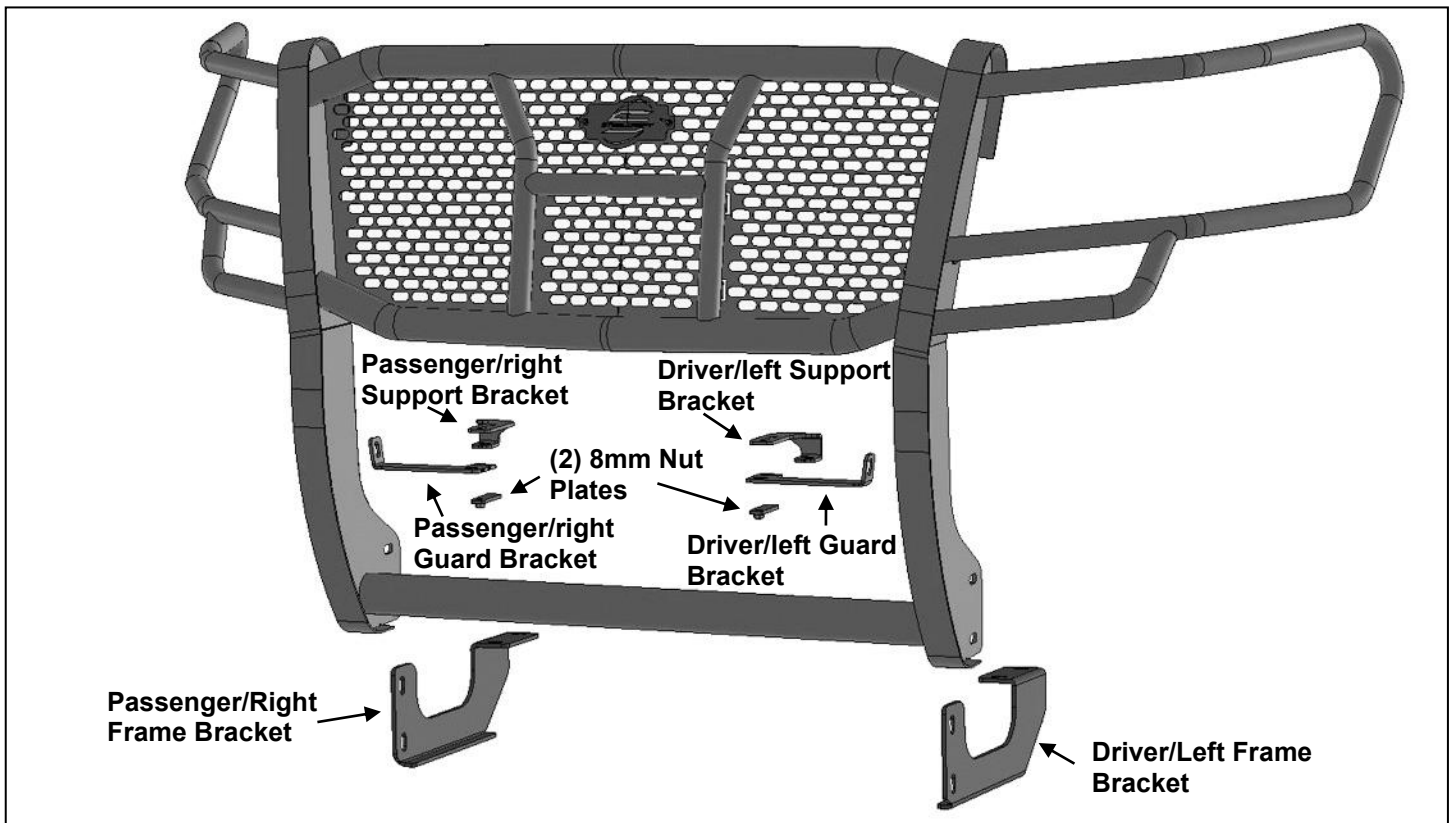


# STEELCRAFT EXTREME HEAVY DUTY GRILLE GUARD 2022-25 NISSAN FRONTIER

## PARTS LIST:

|    |                                                       |    |                                   |
|----|-------------------------------------------------------|----|-----------------------------------|
| 1  | XHD Grille Guard                                      | 4  | 12mm Hex Nuts                     |
| 1  | Driver/Left Frame Bracket                             | 2  | 10-1.5nn x 35mm Hex Bolts         |
| 1  | Passenger/Right Frame Bracket                         | 4  | 10mm x 30mm x 2.5mm Flat Washers  |
| 1  | Driver/Left Frame Support Bracket                     | 2  | 10mm Nylon Lock Nuts              |
| 1  | Passenger/Right Support Bracket                       | 2  | 8mm Nut Plates                    |
| 1  | Driver/Left Guard Bracket                             | 6  | 8-1.25mm x 30mm Hex Bolts         |
| 1  | Passenger/Right Guard Bracket                         | 10 | 8mm x 24mm x 2mm STD Flat Washers |
| 4  | 12-1.25mm x 45mm <b>Special Fine Thread</b> Hex Bolts | 2  | 8mm Lock Washers                  |
| 4  | 12-1.75mm x 35mm <b>Coarse Thread</b> Hex Bolts       | 4  | 8mm Nylon Lock Nuts               |
| 12 | 12mm x 37mm x 3mm Flat Washer                         | 1  | 4mm Wrench                        |
| 8  | 12mm Lock Washer                                      |    |                                   |



## PROCEDURE:

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. SOME SMALL PARTS WILL BE HIDDEN IN WRAPPINGS. READ INSTRUCTIONS CAREFULLY. MINOR TRIMMING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS. REMOVE RUBBER STRIPS FROM UPRIGHTS AFTER INSTALLATION IS COMPLETE.

1. Determine if vehicle is equipped with lower splash guard, (Figure 1).

### Models with splash guard.

- a. Start installation from the driver/left wheel opening. Remove the hardware attaching the inner fender liner to the edge of the fender, (Figure 2). Remove the screws attaching the end of the lower splash guard to the bottom of the fender, (Figure 3).
- b. Repeat previous **Step** to release the passenger/right end of the splash guard.
- c. Continue across the bottom of the vehicle and remove the rest of the hardware to remove the splash guard, (Figures 1 & 4).

**Models without splash guard.** (Pro 4X model for example-see Figure 5). Skip to **Step 2**.

2. Remove the driver/left factory tow hook, if equipped, (Figures 1 & 5).

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3. Select the driver/left Frame Bracket, **(Figure 6)**. Attach the Frame Bracket to the tow hook location on the bottom of the frame channel with the included (2) 12mm x 45mm **Fine Thread Hex Bolts**, (2) 12mm Lock Washers and (2) 12mm Flat Washers, **(Figures 6 & 7)**. **NOTE:** Models with tow hooks, reinstall tow hook with Bracket between tow hook and frame. Do not fully tighten hardware.
4. Repeat **Steps 2 & 3** for the passenger/right side Frame Bracket installation, **(Figure 8)**.
5. Next, open the front hood. Remove the plastic cover from the top of the grille and radiator, **(Figure 9)**. Remove the hardware attaching the top of the grille to the radiator core support. Release the clips along the bottom and side of the grille and pull outward to remove the grille from the grille opening, **(Figure 10)**.
6. Remove the (2) fasteners attaching the top of the plastic bumper cover to the inner steel bumper support brackets, **(Figure 11)**.
7. Select the driver/left Support Bracket, **(Figure 12)**. Hold (1) 8mm Nut Plate up under the steel support bracket. Attach the Support Bracket to the top of the plastic bumper cover with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figure 13)**. Snug but do not fully tighten hardware at this time. Repeat this **Step** to attach the passenger/right Support Bracket

**On 2025 Models ONLY:**

With the grille removed and the support brackets installed, determine where you'll need to trim the angled grille tab to allow the brackets to pass through:

- a. Hold the grille up in front of the installed support brackets to visually mark where contact occurs. This helps ensure you're only trimming what's necessary **(Figure 14)**.
- b. Remove grille and place on a protected and stable work bench to trim as required. Check the fit between each cut by holding the grille back in place.
8. Place the grille assembly in position but do not fully reinstall. Guide the Support Brackets through the openings in the bottom of the grille, **(Figure 15)**.
9. Attach the driver/left Guard Bracket to the bottom of the Support Bracket with the included (2) 8mm x 30mm Hex Bolts, (4) 8mm Flat Washers and (2) 8mm Nylon Lock Nuts, **(Figures 16 & 17)**. Repeat this **Step** to attach the passenger/right Guard Bracket.
10. Carefully unwrap the Grille Guard.
11. With assistance, hold the Grille Guard up to the outside of the Frame Brackets. Attach the Grille Guard to the Frame Brackets with the included (4) 12mm x 35mm **Coarse Thread** Hex Bolts, (8) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, **(Figure 18)**. Snug but do not fully tighten hardware.
12. Attach the outer end of the driver/left Guard Bracket to the inside of the Grille Guard upright with the included (1) 10mm x 35mm Hex Bolt, (2) 10mm Flat Washers and (1) 10mm Nylon Lock Nut, **(Figure 19 & 20)**. Repeat this **Step** to attach the passenger/right Guard Bracket to the Grille Guard.
13. Level and adjust the Grille Guard properly and fully tighten all hardware including the Support Mounting Bracket hardware. Fully reattach the grille.

**Models with splash guard:**

- a. Hold the splash guard up in place against the bottom of the Brackets, **(Figure 21)**. Mark the Bracket location onto the splash guard, **(Figure 22)**. Use a knife or hacksaw blade to cut slots out of the splash guard to clear the Brackets.
- b. Reinstall splash guard, **(Figure 23)**.
14. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

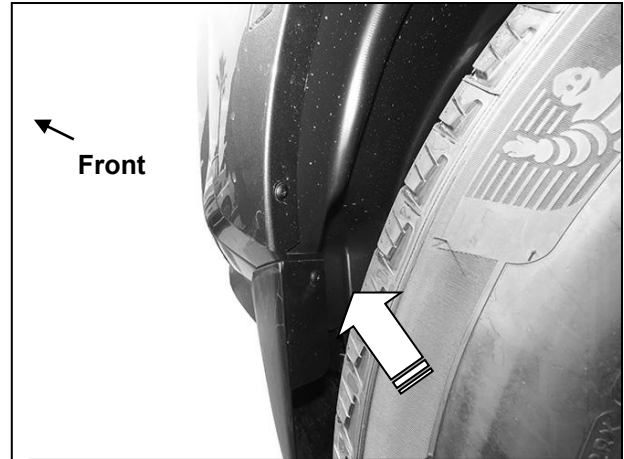
**To protect your investment,** Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Grille Guard.

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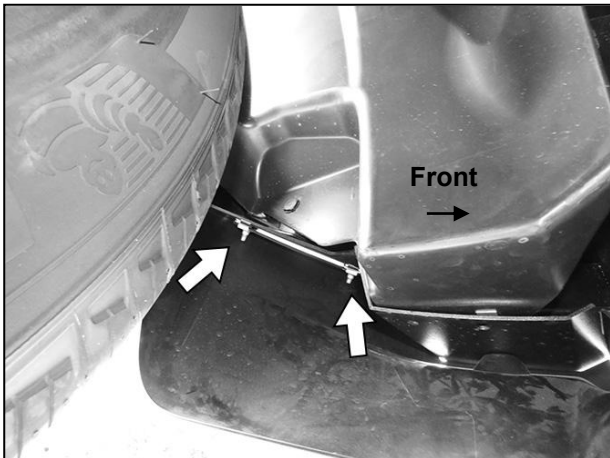
**Driver/left Side Installation Pictured**



**(Fig 1) Model with splash guard (arrows)**



**(Fig 2) Model with splash guard, remove hardware attaching end of cover to fender liner (arrow-driver/left side pictured)**



**(Fig 3) Pull fender liner back to locate and remove inner screws attaching outer ends of splash guard (arrows)**



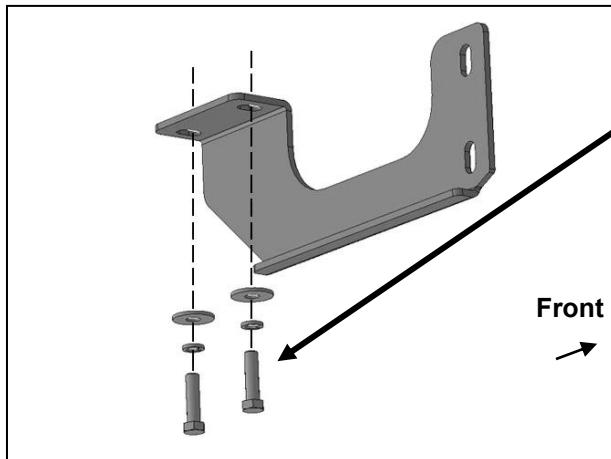
**(Fig 5) Remove tow hooks if equipped. PRO4X model not equipped with splash guard pictured from below**



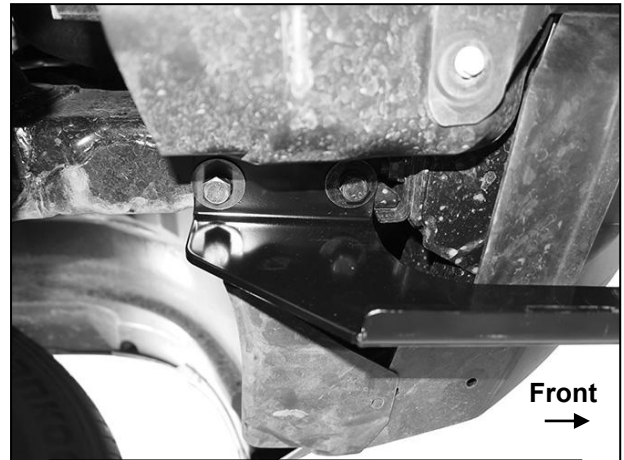
**(Fig 4) Splash guard removed. Driver/left side of model without tow hook pictured**

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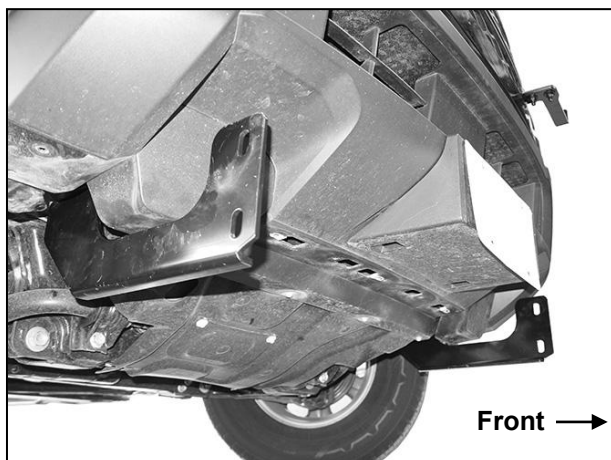
**Driver/left Side Installation Pictured**



**(Fig 6) Attach driver/left side Frame Bracket**



**(Fig 7) Driver/left side Frame Bracket installed. Models with tow hooks, insert Bracket between tow hook and frame**



**(Fig 8) Frame Brackets installed**



**(Fig 9) Remove plastic cover and grille assembly**



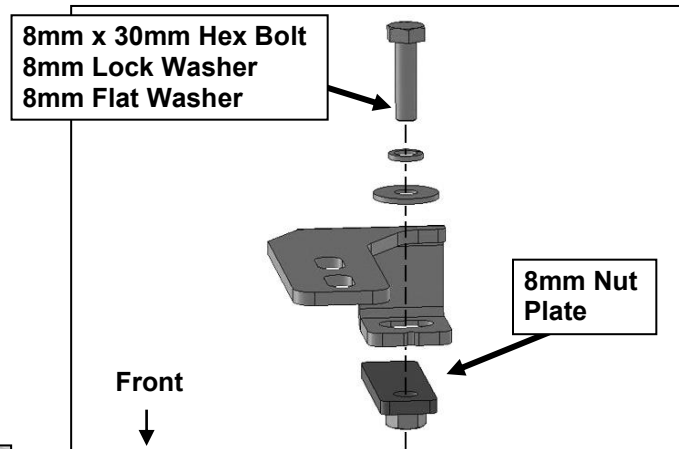
**(Fig 10) Factory grille removed**

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**Driver/left Side Installation Pictured**



**(Fig 11) Remove fasteners attaching top of bumper cover to steel bumper brackets (arrows)**



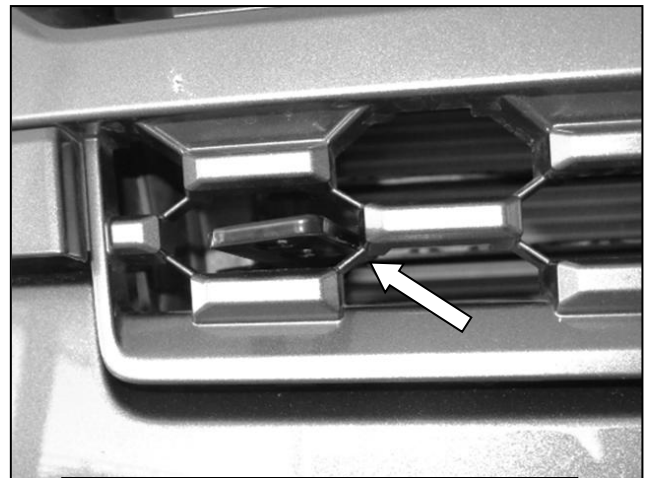
**(Fig 12) Hold 8mm Nut Plate up from below steel bumper bracket. Attach driver/left side Support Bracket to top of bumper and Nut Plate**



**(Fig 13) Attach driver/left side Support Bracket to top of bumper**



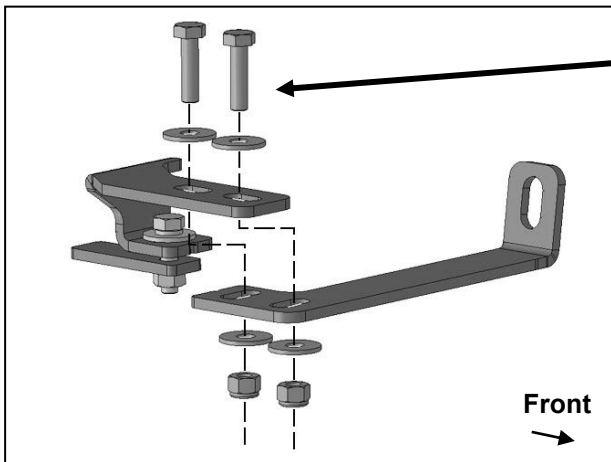
**(Fig 15) Reinstall grille but leave loose. Guide Support Brackets through openings in grille (arrows)**



**(Fig 14) On 2025 models ONLY, trim the grille at the marked area for**

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## Driver/left Side Installation Pictured

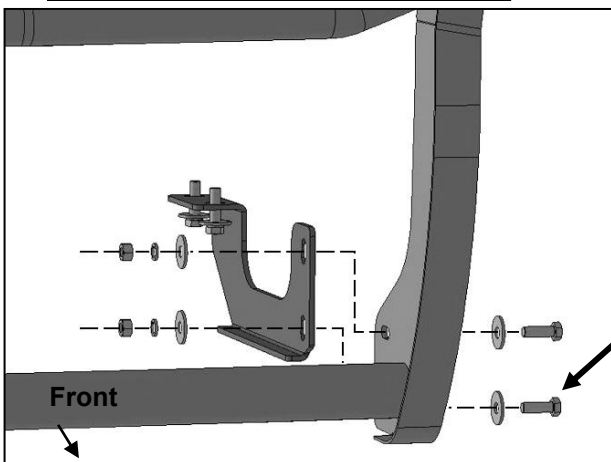


(Fig 16) Attach driver/left Support Bracket to top of Guard Bracket

- (2) 8mm x 30mm Hex Bolts
- (4) 8mm Flat Washers
- (2) 8mm Nylon Lock Nuts



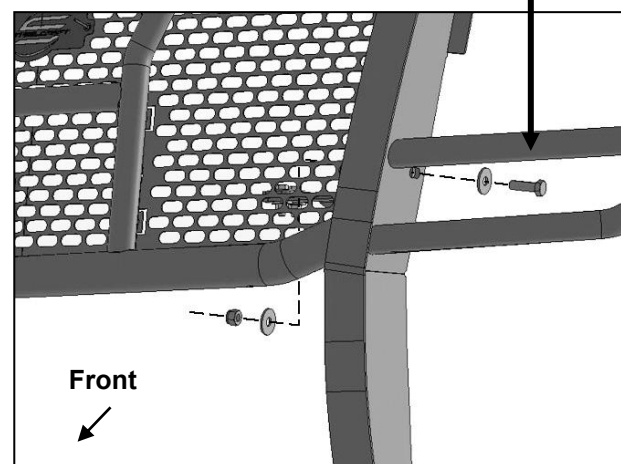
(Fig 17) Driver/left Guard Bracket installed



(Fig 18) Attach Grille Guard to outside of driver/left Frame Bracket

- (2) 12mm x 35mm Hex Bolts
- (4) 12mm Flat Washers
- (2) 12mm Lock Washers
- (2) 12mm Hex Nuts

- 10mm x 35mm Hex Bolt
- (2) 10mm Flat Washers
- 10mm Nylon Lock Nut



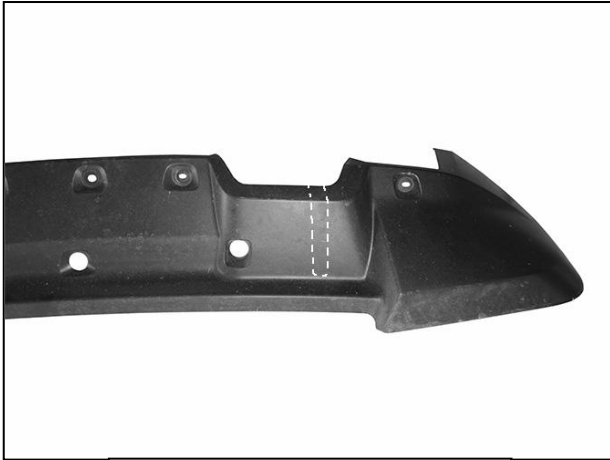
(Fig 19) Attach driver/left Guard Bracket to inside of Grille Guard upright



(Fig 20) Attach driver/left Guard Bracket to inside of Grille Guard upright

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**Driver/left Side Installation Pictured**



**(Fig 20) Mark Bracket location  
onto splash guard**



**(Fig 21) Cut slots to clear the Brackets  
(dashed line for example only )**



**(Fig 22) Reinstall splash guard**



**Complete Installation**