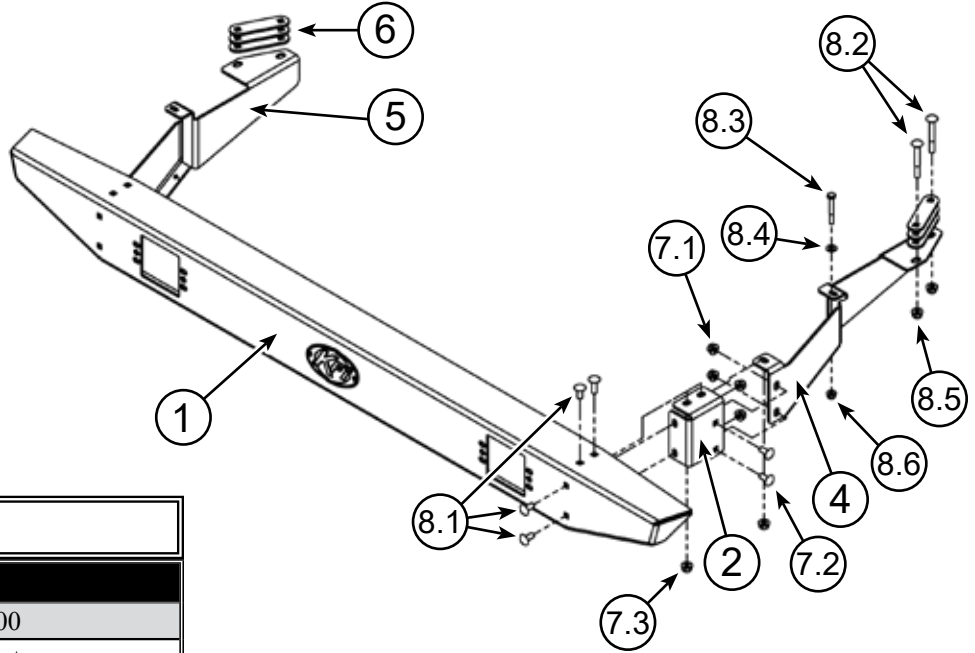
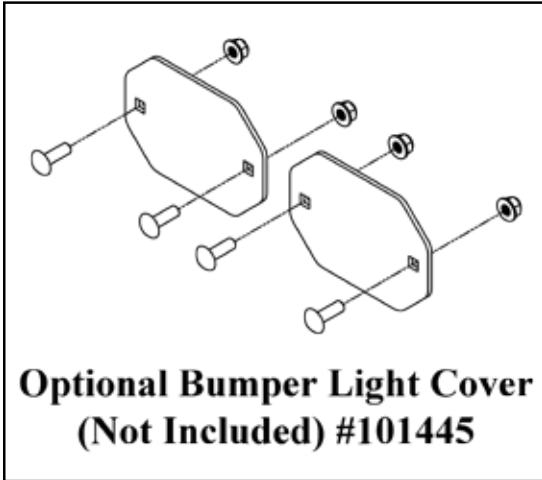


PIONEER 1000-3

Rear Bumper

PART #101600



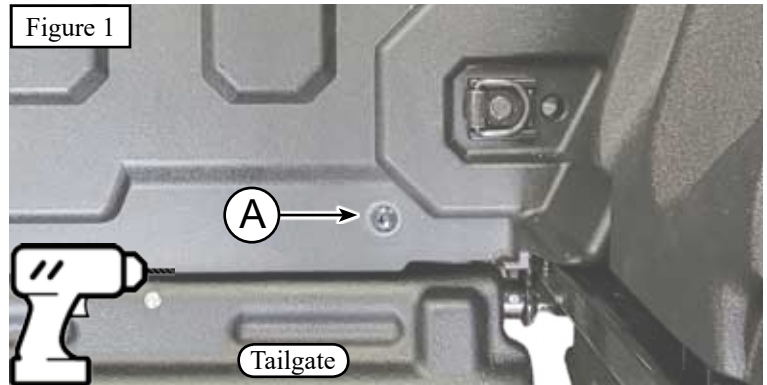
Kit Components:

Item #	Qty.	Description
1	1	Rear Bumper Formed Pioneer 1000
2	1	Passenger Side Conversion Bracket
3	1	Driver Side Conversion Bracket (Not Shown)
4	1	Passenger Side Bumper Bracket
5	1	Driver Side Bumper Bracket
6	1	Washer Plate
7	1	Hardware Kit HK-342
7.1	2	5/16"-18 x 1.00" Carriage Bolt Short Neck GR5 Black
7.2	4	5/16"-18 x .75" Carriage Bolt Short Neck GR5
7.3	6	5/16"-18 Hex Nut Flange Nylock GR5
8	1	Hardware Kit HK-347
8.1	6	5/16"-18 x .75" Carriage Bolt Short Neck GR5 Black
8.2	4	5/16"-18 X 2.5" Carriage Bolt GR5
8.3	2	1/4"-20 x 2.00" Hex Bolt GR5
8.4	2	1/4"-20 Flat Washer
8.5	10	5/16"-18 Hex Nut Flange Nylock GR5
8.6	2	1/4"-20 Hex Nut Flange Nylock GR5

Not All Hardware Is Used

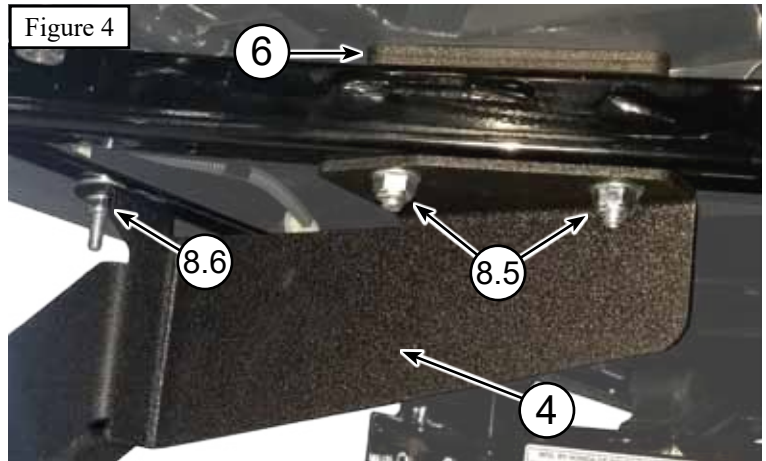
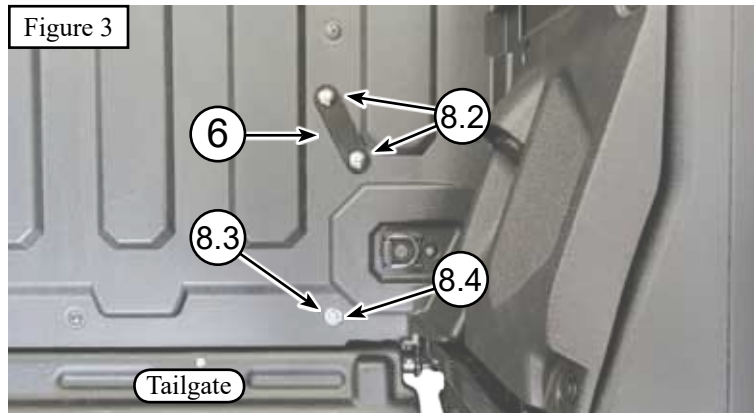
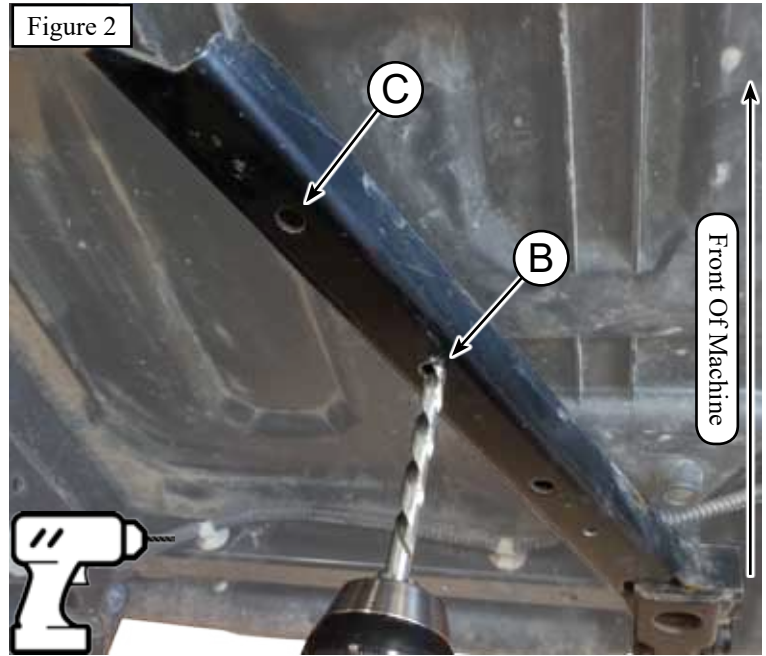
Note: Make sure all hardware needed to complete this mount is in the package. Thoroughly read through and understand the instructions before installing.

1. Each step must be mirrored on both sides of the machine.
2. Remove the phillips head screw (A) from the rear corner of the bed as shown in **Figure 1**. Drill through the hole with a 9/32" drill bit.



INSTALLATION INSTRUCTIONS

3. Locate the frame rail under the bed of the machine as shown in **Figure 2**. Locate Holes (B & C) and use a 21/64" drill bit to drill these holes through the frame, and through the plastic bed.
4. Once the holes (B & C) are drilled, place 2 washer plates (6) between the bed and the frame on each side of the machine and one washer plate (6) in the bed on top of the holes as shown in **Figures 3 & 4**.
5. Place 2 carriage bolts (8.2) through the top washer plate (6), through the holes that you drilled and secure the passenger side bumper bracket (4) with nuts (8.5) as shown in Figures 3 & 4.



6. Place washer (8.4) on bolt (8.3) and insert through the bed as shown in **Figure 3**. Use nut (8.6) to secure the bumper bracket (4) to the bed as shown in **Figure 4**.
7. To assemble the bumper, locate the Formed Bumper (1) and Conversion Brackets (2 & 3). Install the Conversion Brackets onto the inside of the Formed Bumper with 3 black carriage bolts (8.1) and lock nuts (7.3) per side as shown at the top of **Figure 5**.
8. Set the Bumper Assembly onto the Bumper Brackets (4 & 5) and secure using bolts (7.1 & 7.2) and nuts (8.5) as shown in the bottom of **Figure 5**.
9. Level bumper and tighten all hardware evenly.

