

INSTALLATION GUIDE

**NIJ LEVEL IIIA BALLISTIC DOOR PANELS
BDP47UINT20D & BDP47UINT20P**

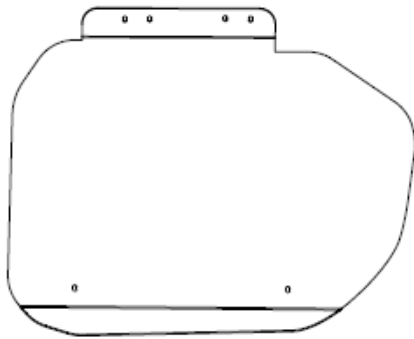
2020 FORD INTERCEPTOR UTILITY

Pro-gardTM
PRODUCTS LLC.

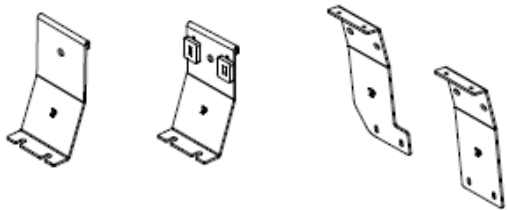
STRONG. RELIABLE. SECURE.

Ballistic Door Panel Kits

Door Panel



Brackets



Hardware List

1/4 LOCK WASHER, (.260/.487/.062 min), STD SPRING LOCK	6
1/4-20 X 1 1/2 HHCS, FULLY THREADED	1
1/4-20 X 1 HHCS	5
BLIND RIVET 3/16 DIA, .126-.250 GRIP DOMED	8
1/4 SAE FLAT WASHER (.281/.630/.051-.080)	10
1/4 WASHER, EPDM SEALING, .23" ID X .05" OD	4
1/4-20 SERRATED FLANGE NUT	4
1/4-20 X 3/4 HHCS	4

*Note all images included are of Passenger Side Installation

Getting Started

- 1
- Remove the door trim, molding, and weather stripping, ensuring that all required electrical systems are disconnected from the door insert.

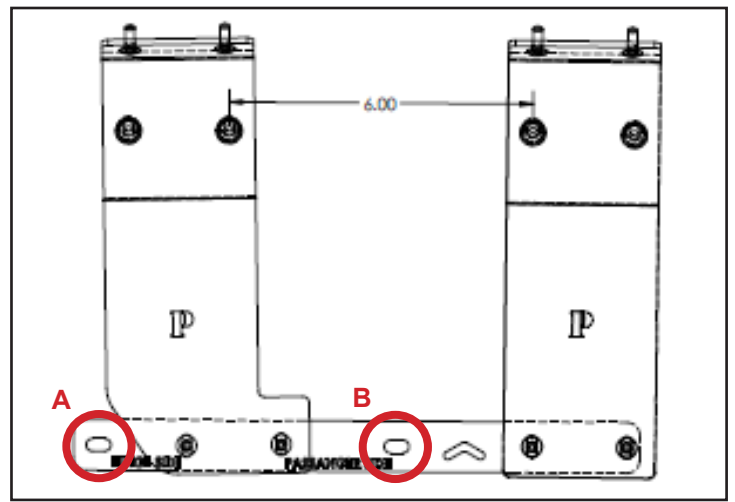
Upper Crash Bar Brackets



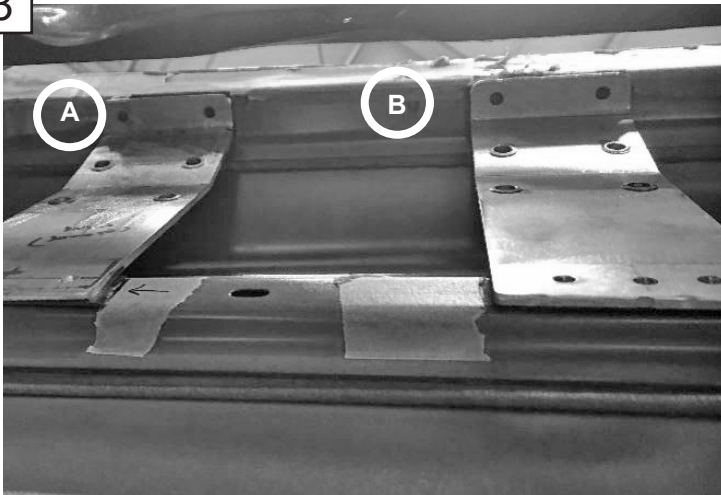
- Use upper crash bar jig (located on final 2 pages) to mark the hole location for the upper brackets.
 - Drill out holes with a NO.11 (.197") drill bit.
- Note:** Slots (A & B) are used to located upper crash bar jig. Jig is only used to locate holes. Not actually used in assembly.

- Align slots on jig with slots on upper crash bar (A & B).

Note: Upper crash bar jig is used for finding hole



3



- While keeping the lower slots aligned with holes, slide the bracket up to be flush with the upper flange of door skin (A & B)

Note: Make sure to keep 6" between inner holes on bracket, as shown.

- Mark the holes in the upper skin and drill out with a NO.11 (.197") drill bit.
- Secure front bracket with 3/16 rivet, ensuring bracket is tight against the mounting surface.

Lower Crash Bar Brackets

4



Image 4

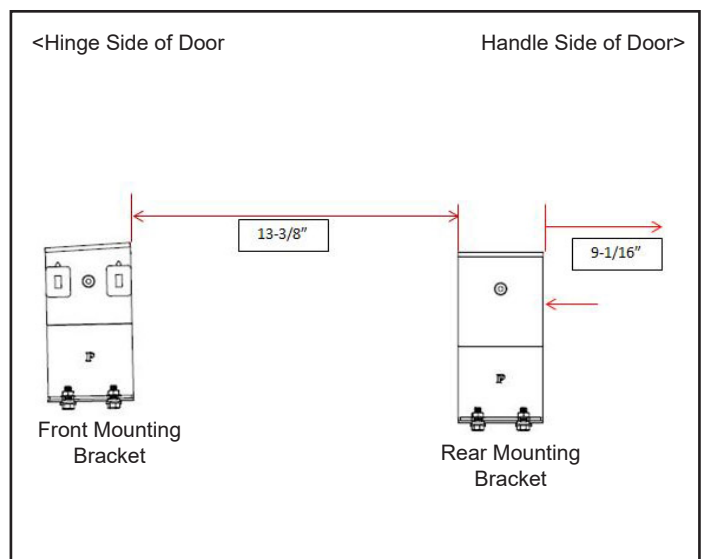


Image 5

- Locate lower rear mounting bracket and take a tape measure measurement from rear of lower crashbar to rear side of lower rear mounting bracket, 9-1/16" (Reference Image 4 & 5). Place rear lower mounting bracket off of the rear reference edge.



- Slide upper strap section of rear lower mounting bracket over top flange of lower crash bar (A). (Reference Image shown).



Image 7

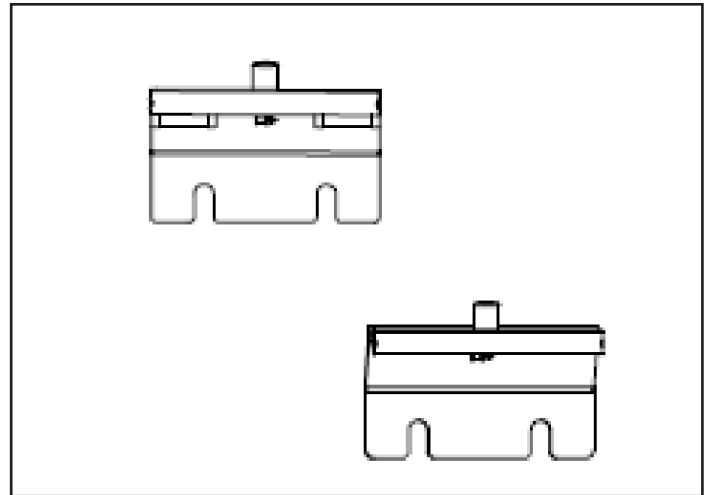


Image 8

- Locate lower front mounting bracket, then position the lower front mounting bracket 13 3/8" from the rear mounting bracket (Reference Image 5).
- Slide upper strap section of lower front mounting bracket over the top flange of lower crash bar.
- After placing lower brackets in the correct location double check reference dimensions, adjust accordingly.
- Mark location of lower slots on lower flange of door (Reference Image 7 & 8).
- Drill out marking (4X) with size "H (.266)" drill bit going through the inner skin all the way to the exterior skin (Image 9). Fasten lower mounting brackets using 1/4 - 20 X 3/4" hex head bolt, 1/4 washer, 1/4 EPDM sealing washer and 1/4 - 20 serrated flange nut (Reference Image 10).



Image 9

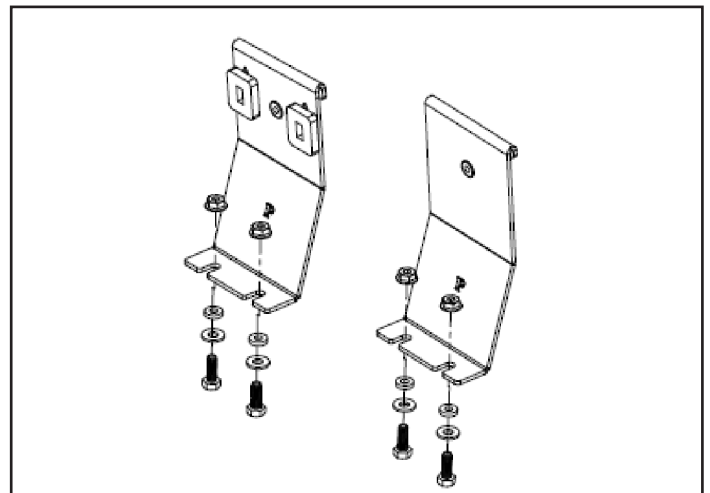


Image 10

Installation of Ballistic Door Panel

5



- After brackets are in place and before installing the ballistic door panel, remove cable clip on on the inside of the door located on the upper crash bar toward the hinge side of the door (Reference Image 14).
- Push the cabel toward the hinge side of the door before installing the panel.
- Remove weather stripping (interior/ exterior) located in the image above.

6

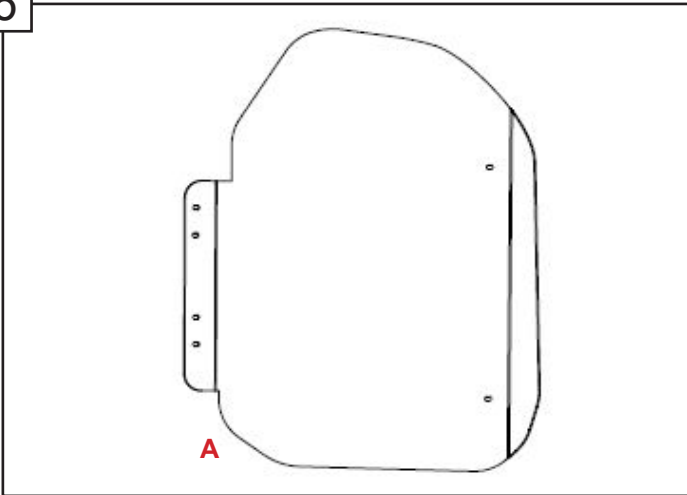


Image 13



Image 14

- Place the ballistic door panel into the window opening in orientation shown and rotate toward the hinge side.
Note: The front top corner of the panel (A) needs to be tucked behind (exterior side) front (hinge side) of the window track (Image 14 A) before you start rotating the door panel (Image 13).
- After the door panel has been placed inside the door use an extention pry bar to lift up on the lower edge of the door panel to align the top slot with riv nuts on the upper crash bar brackets (Image 15 continued on next page).
Note: It's easiest to get the furthest front (hinge side) bolt, washer and lock washer in first and then get the rear bolt, washer and lock washer in place (A & B Image 16 continued on next page).

7



Image 15

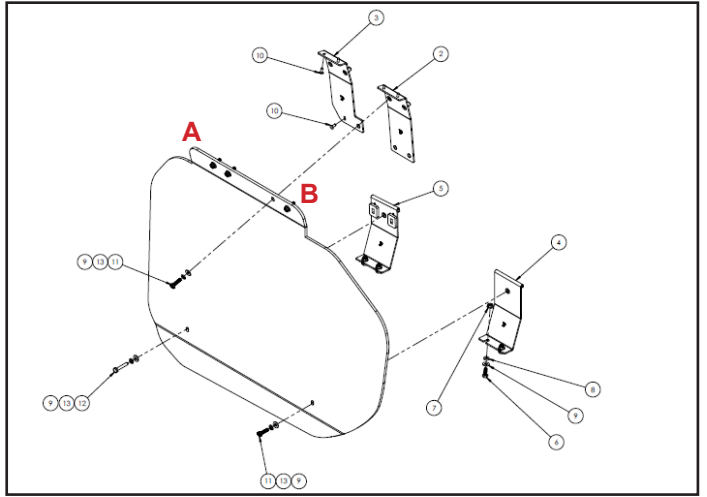


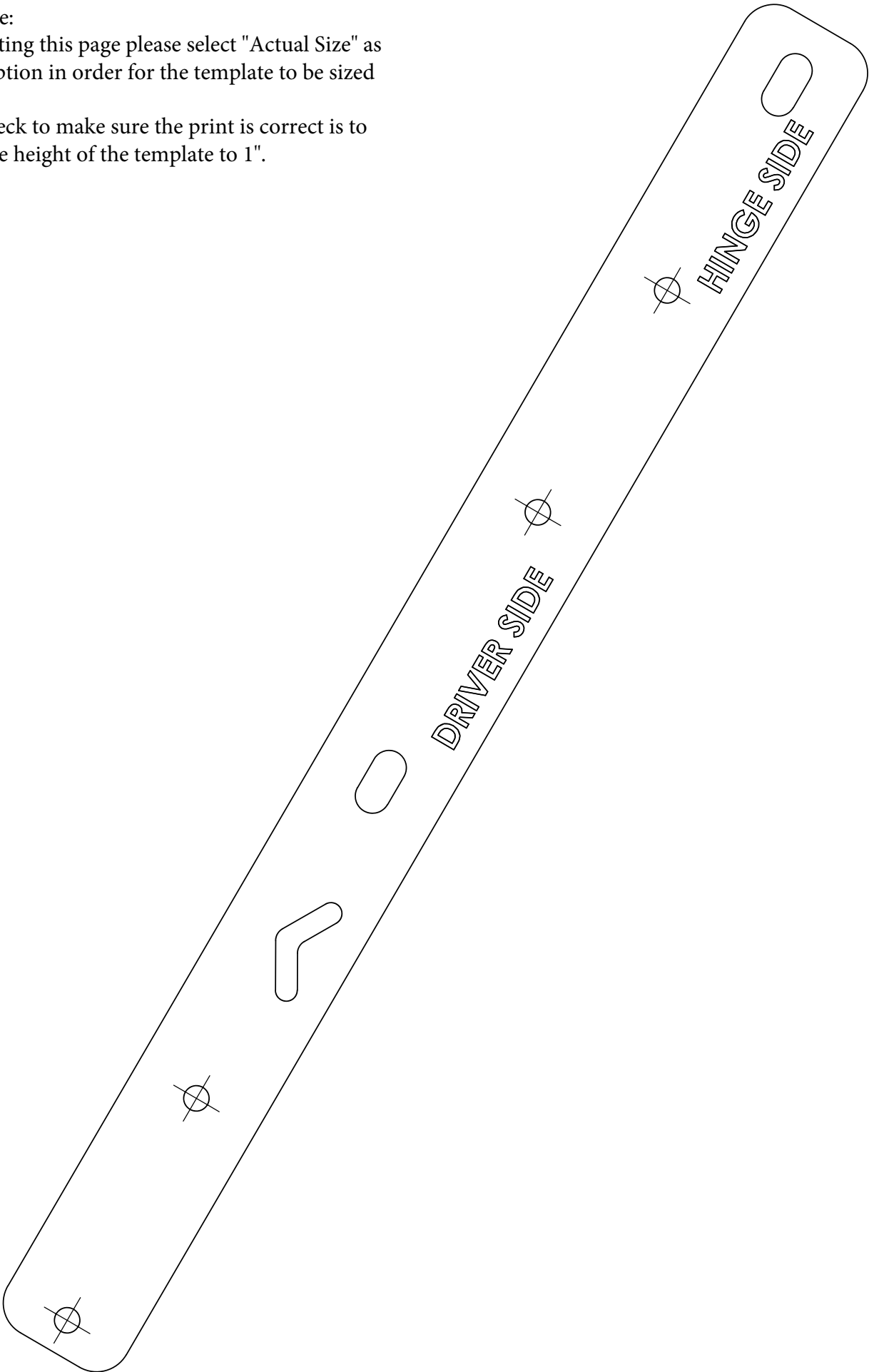
Image 16

- After the front and rear bolts are placed into the upper crash bar bracket nuts, put the rest of the bolts, washers and lock washers into the upper crash bar brackets
- Continue to use an extension pry bar to shift the ballistic panel into alignment with the brackets to fasten the mounting hardware into the lower crash bar mounting brackets (Image 16).
- Finally securely tighten all hardware in the door panel.

*Please note:

When printing this page please select "Actual Size" as the print option in order for the template to be sized correctly.

A quick check to make sure the print is correct is to measure the height of the template to 1".



*Please note:

When printing this page please select "Actual Size" as the print option in order for the template to be sized correctly.

A quick check to make sure the print is correct is to measure the height of the template to 1".

