

## **INSTALLATION GUIDE**

**P1000INT13AOSB**

**2013 - CURRENT FORD**

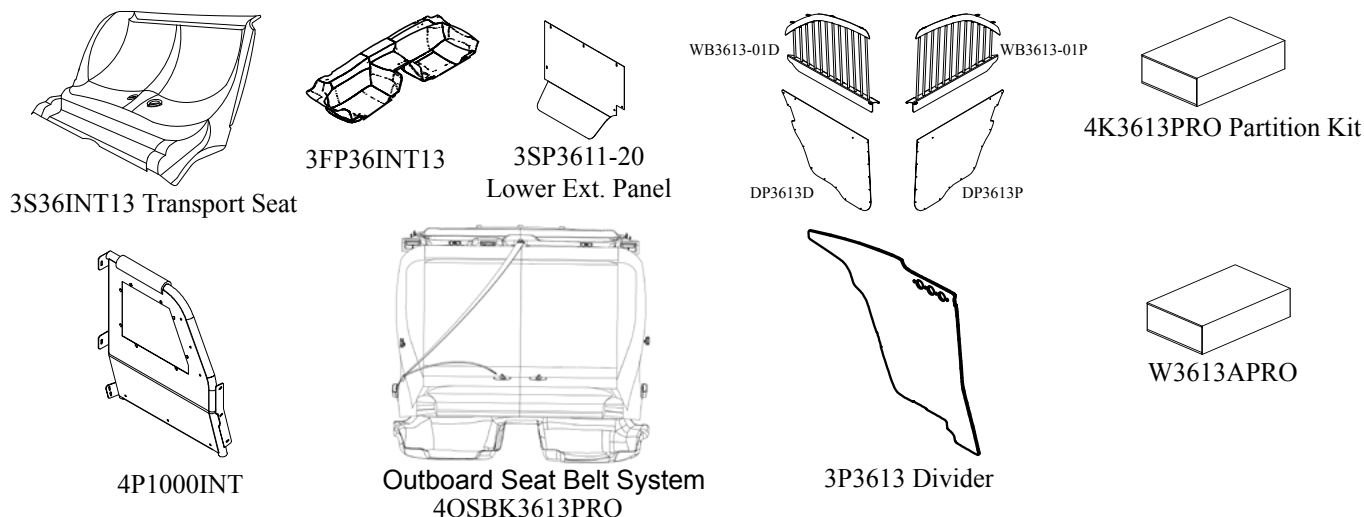
**POLICE INTERCEPTOR**

**Pro-gard**<sup>™</sup>  
PRODUCTS LLC.

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**800.480.6680**

**THESE COMPONENTS ARE REQUIRED**  
**TO INSTALL THE PRO-GARD PARTITION SYSTEM WITH OUTBOARD SEAT BELTS**



**I. Refer to the diagram on the last page of these instructions to verify all parts were received.**

**II. The following tools will be required to complete the installation.**

- |  |  |
|--|--|
| A. 1/4" drive ratchet with 7/16" socket  | F. 3/16" Allen key                               |
| B. 3/8" drive ratchet and 6" extension<br>with 7mm, 13mm, 15mm and 18mm socket | G. 1" Hole saw                                   |
| C. Drill with 5/16" diameter bit   | H. Drill with 3/4, 7/16, 9/16 and<br>3/8" Socket |
| D. Phillips Screw Driver   | I. 7/16" Open End Wrench                         |
| E. T-15 Torx Bit   | J. 5/32 Allen Wrench                             |

**III. Read all instructions carefully before starting the assembly process.**

**NOTE:** *Locate all Wiring, Fuel lines, Brake lines, Coolant lines and Refrigerant lines before drilling holes or installing self-drilling fasteners.*

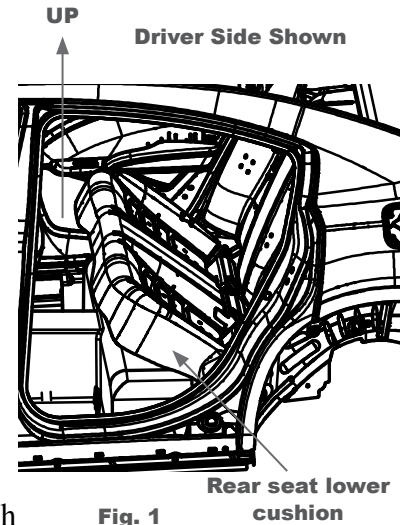
**IV. Removing the OEM Seat**

- A. Begin by lifting the front of the lower seat cushion out from the rubber grommets in the floor. Once the front of the seat is free, shove back on the seat to free it from the wire retainers holding the rear of the seat in place. Remove the seat cushion from the vehicle.
- B. Remove the OEM seat belts by removing the OEM nuts from their mounting studs. The shoulder straps can be set aside until the rear deck trim removal step in a later section.
- C. Remove the OEM rear seat back cushion by removing four OEM fasteners from the lower mounting brackets near the outside of the reinforcement frame. Release the top the rear seat from its latching brackets by pulling the release cable located in the trunk.

D. Remove the OEM latching brackets from the rear deck face.

E. With the seat removed, the OEM child restraint loops are exposed. Remove the child restraint loops or bend them downward toward the floor.

**Note:** This is necessary for the Pro-gard Seat to fit properly in position.



## V. Installing The ABS Floor Pan.

- A. Place the ABS floor pan in the vehicle, making sure there are no objects underneath. Tuck the edges of the floor pan under the OEM B-pillar trim. The rear edges of the floor pan should be flush with the OEM scuff panels. Insure the floor pan is all the way back and down against the rear seat.

**NOTE:** If using the OEM **Raceway** wiring cover: Remove the OEM **Raceway** and place the ABS floor pan underneath the vehicle wiring. (See seat with **Raceway** install note Sec. VI.) Alternatively, you may place the ABS floor pan over the vehicle wiring. This should be determined by installer guidelines and/ or end user request.

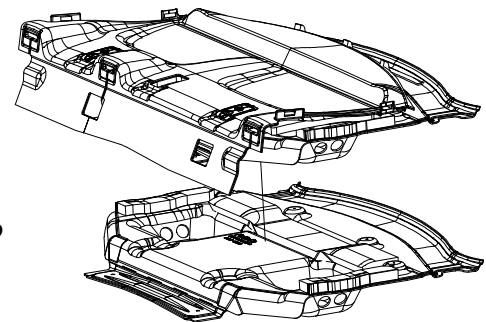
## VI. Installing \*Optional\* Floor Pan Drain Plugs.

- A. To install the Drain Plugs, mark the Plug location from the vehicle on to the ABS Floor Pan. Using 1 1/2" hole saw drill the Plug locations. Reinstall the ABS Floor Pan into the vehicle, then install the rubber grommet through the vehicle and ABS floor Pan.

**Caution:** Locate all Wiring, Fuel Lines, Brake Lines, and/or Cooling Lines before drilling holes.

## VII. Installing The ABS Transport Seat and OSB Brackets.

- A. Remove the rear deck trim cover to expose the sheet metal underneath as shown in Figure 2. Install the OSB upper bracket (3OSB3615-14) and OSB lower bracket (3OSB3615-13) by using the threaded studs, (3X120) nuts, and (3X121) washers to sandwich the two brackets between the vehicle rear deck sheet metal. (See Fig. 3)



- B. Remove the lower C-pillar seat covers on the passenger and driver sides to exposes the under sheet metal. Install the upper mounting clips by matching the bracket's circular edge to the rounded portion of the C-pillar trim with the bolt hole. The angle on the front of the bracket should align with the door seal. (Continue to next page.)

When the position is correct, use the 4 self tapping screws to secure to the C-pillar sheet metal. Do this for both sides. (See Fig. 4)

C. Install the Upper Mounting Clips (3S3611-21) on the upper C-Pillar of the vehicle just under the C-Pillar trim. Locate the Mounting Clip by placing the notch on the Clip under the OEM mounting Boss of the OEM Upper C-Pillar Trim. Secure the clip using the supplied self tapping screws (3X110). See Fig. 5 & 6 below.

D. Remove or hide the OEM seat belt retractors on the rear deck area as these will not be needed. Reinstall deck trim cover over top of the OSB bracketry. The bracket should fit through the center child restraint trim. Remove the restraint plastic clip portion allowing the bracket to protude through the hole.

E. If the vehicle has the optional OEM Raceway wiring bracket, then flip the seat upside down to locate the cut line. The light cut line is at the bottom middle of the seat and fits the raceway when trimmed out.

F. Drill the four dimpled locations on the center line of the seat with a 5/16" drill bit. Attach the (3P214) Divider Mounting Brackets using the supplied bolts (3X36) and whiz nuts (3X16Z), before installing the seat in to the vehicle.

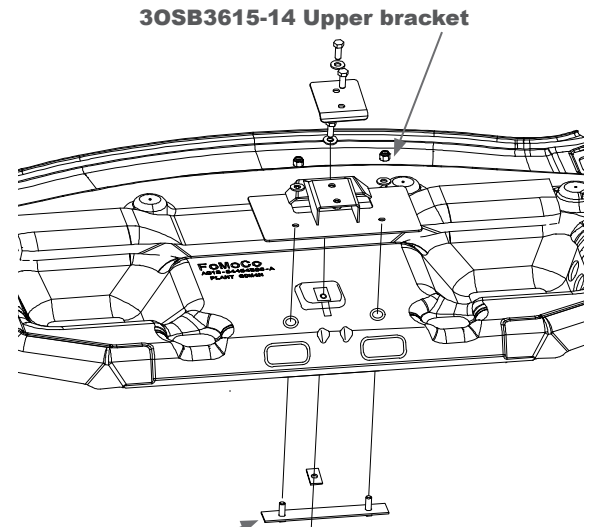


Fig. 3  
3OSB3615-13 Lower bracket

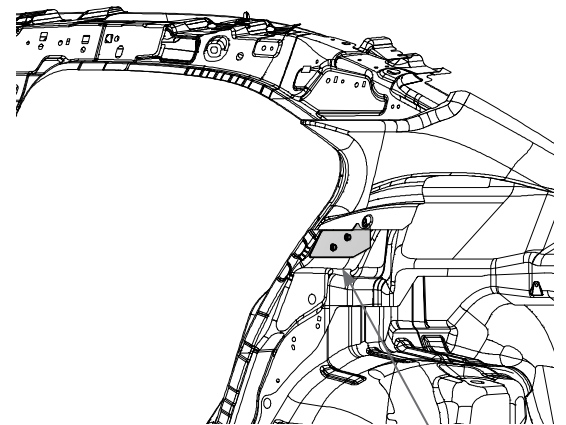


Fig. 4  
Upper mounting clips

Fig. 5

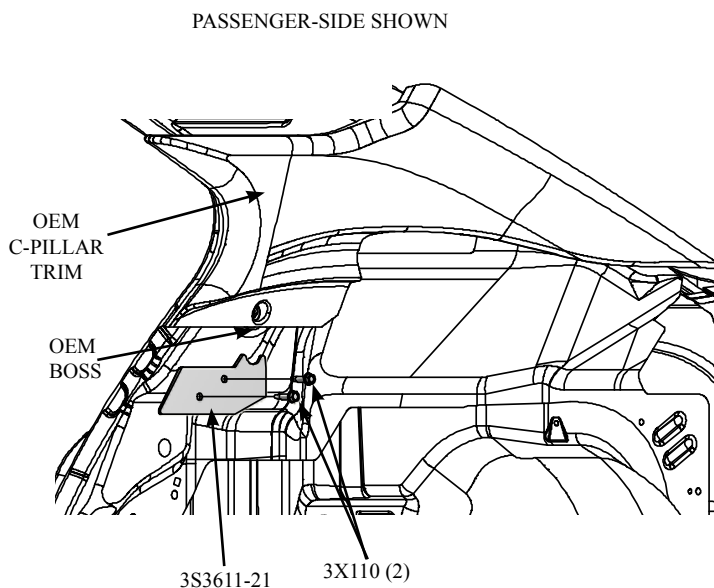
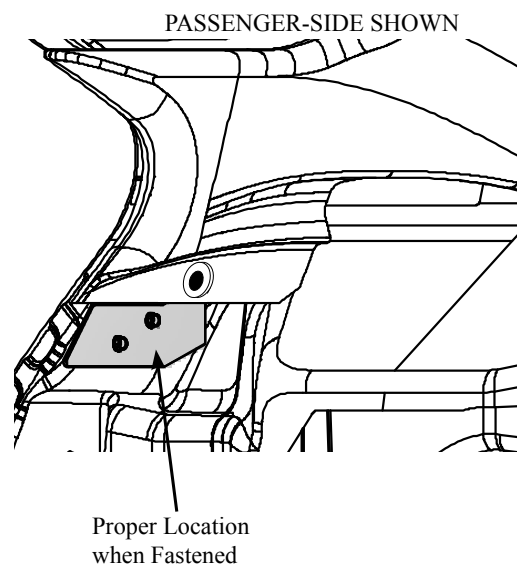
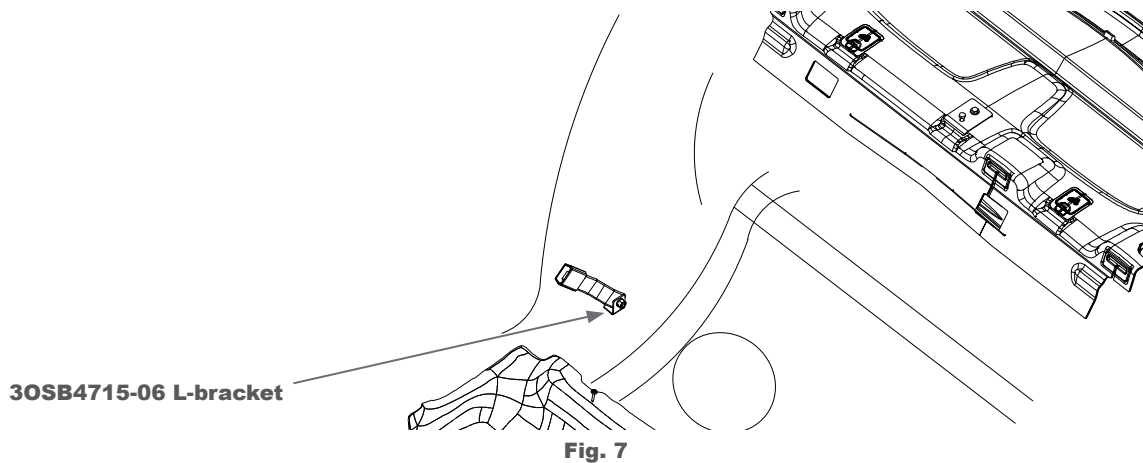


Fig. 6



- G. At this time the lower seat belt buckles should be installed. Use the (3OSB4715-06) L-brackets to mount the buckles to the OEM fastener location at the bottom of the C-pillars. Reuse the OEM bolt from the previous seat belt removal step. (See Fig. 7)



- H. Now the seat will need cutout for the lower buckle. The cutout will allow the buckle to protrude through when installing the seat. Use the template on the last page as a guide to locate cutout. Use a marker to create a cut line. Drill out the four corners of the rectangular cutout and use a utility knife or cutting tool to remove cutout area. Test to see if the buckles fit through and adjust the cutouts if needed.
- I. After the seat has been cutout, then place the seat inside the vehicle. Place the seat onto rear seat area while feeding the lower buckle through the cutout in the seat. Push the seat all the way toward the back of the vehicle and all the way up against the rear deck to the proper position. With the seat held in position, install the top four (3X77) screws and (3X78) finish washers through the seat and into the vehicle sheet metal. Install the four lower screws and finish washers to secure the bottom of the seat as shown in Figure 8.

## VIII. Installing The Outboard Seat Belt.

- A. Now install the (3OSB003) seat belt harness on the passenger side. Position the seat belts so the adjustment strap goes over the chest. Fasten the two seat belts at the top with the single 3/8" (3X131) bolt off the rear deck. Feed the seat belt rubber grommets and covers onto each of the lower portion of the belts and fasten at the bottom through the seat holes using the OEM threaded studs and nuts. Slide the black plastic covers and rubber grommets over top of the holes in the seat and use the 4 (3X72) screws to secure in place. (See Fig. 9 on the next page)

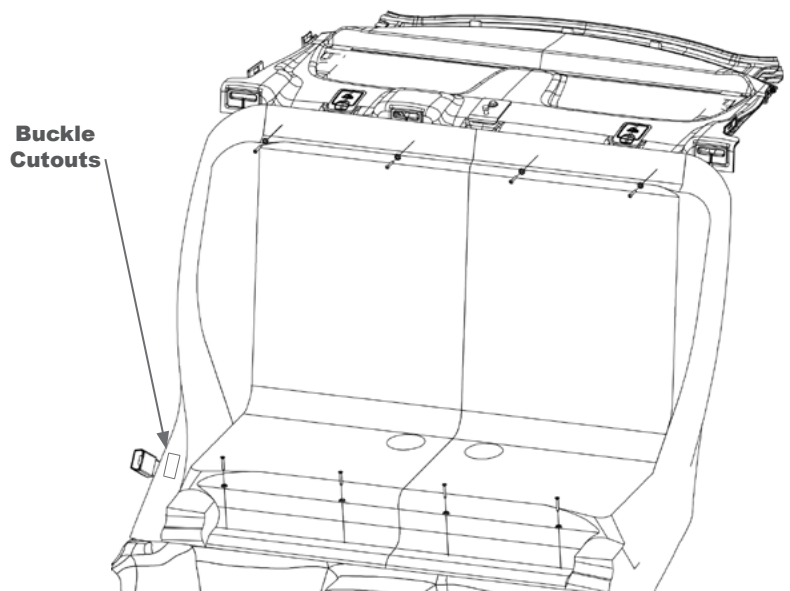


Fig. 8

## IX. B-Pillar Bracket Installation

- A. Place the Passenger B-Pillar bracket (3P3601P) against the B-Pillar face.
- B. Orientate the B-Pillar bracket so the bottom locating tab fits into the Seat Belt Retractor Pocket on the vehicle B-Pillar and the formed locating flanges wrap around the vehicle B-Pillar. Push up and over on the Bracket until the locating tab is at the top of the pocket and the flanges are tight against the vehicle B-Pillar edge. Insuring that the bracket is located correctly, using the supplied Self-Drilling screws (3X162) secure the B-Pillar bracket to the vehicle B-Pillar. (See Fig. 11 & 12)

**NOTE:** *It is critical that the seat belt strap be on the inside of the B-Pillar bracket. Test the seat belt to confirm that there is no interference and that it functions properly.*

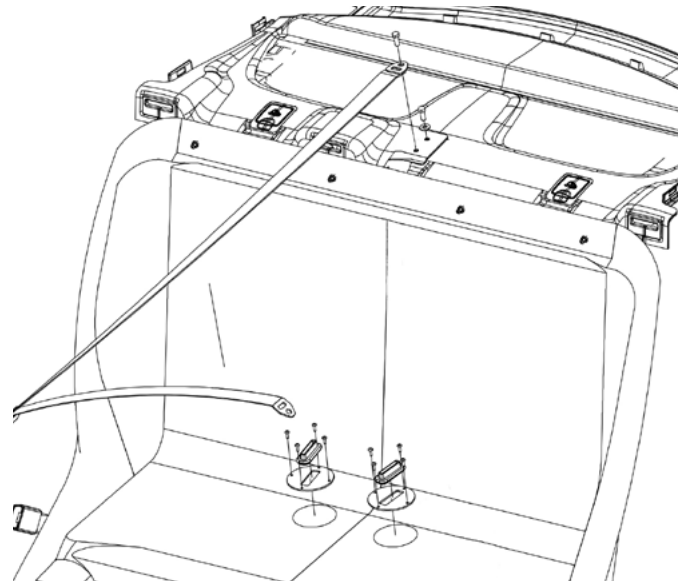


Fig. 9

## X. Drilling B-pillar Trim Panels

- A. Carefully align the template per their included instructions on to the Passenger-side trim panel. Using a 1" Hole Saw drill the clearance holes as marked on the template.
- B. Replace the trim panel, insuring that the standoff's protrude through the panel. (See Fig. 13)

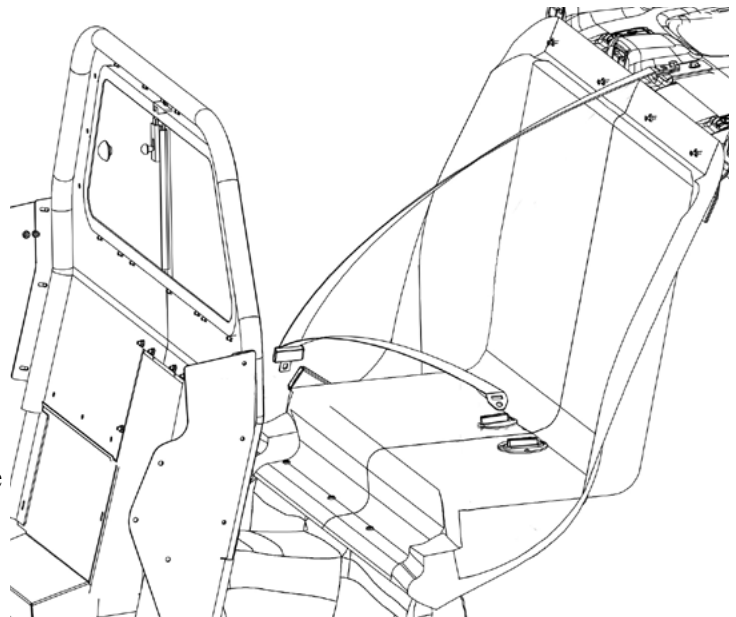
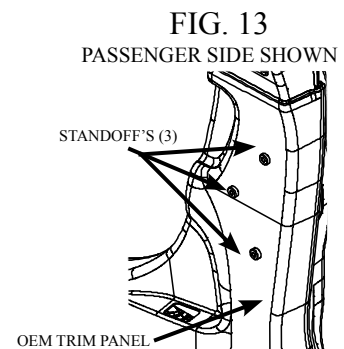
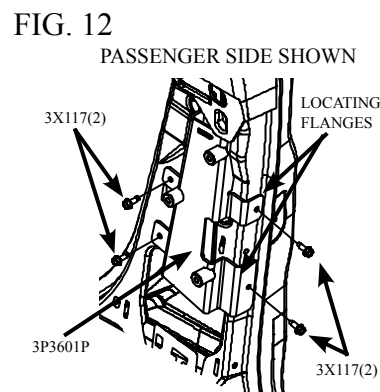
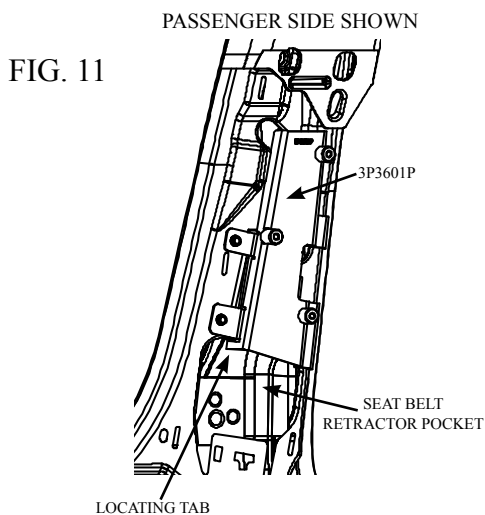
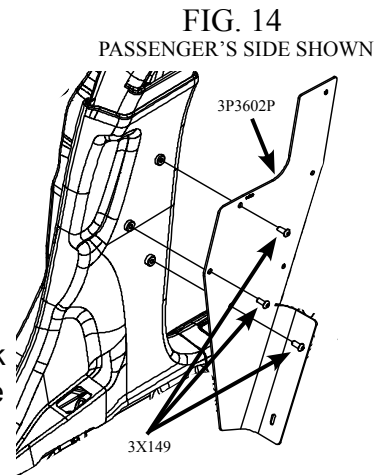


Fig. 10



## XI. Installing Partition Mounting Plate

- A. Attach the Passenger-side Mounting Plate (3P3602P) using the supplied 5/16-18 x 3/4" Button head screws (3X149) to the Standoff's protruding through the B-pillar trim. Hand tighten fasteners only. (See Fig. 14)
- B. Next, install the partition buckle on the passenger side of the B-pillar sheet metal. The mounting tab is designed to clamp and hold the buckle to the sheet metal. Position the (3OSB-01) buckle mounting tab and make a mark for the hole. Drill one hole with a 5/16 drill bit and insert the (3X36) carriage bolt and (3X16Z) whiz nut to secure the buckle to the partition sheet metal as shown in the main BOM drawing.



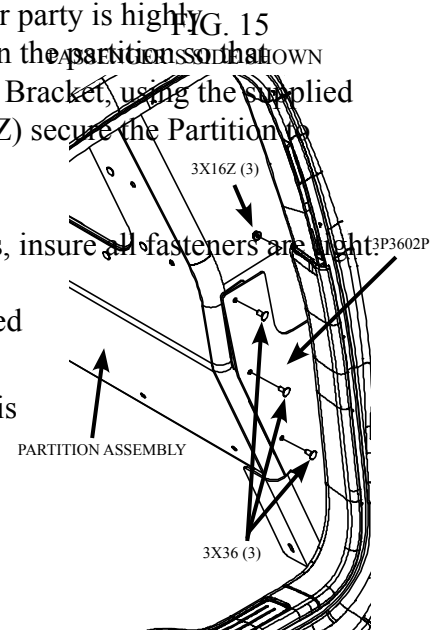
## XII. Center Mounting Post Installation

- A. Remove the OEM Wiring Tunnel if present, by removing the two 8mm bolts on the rear of the OEM Console Mounting plate and the two fasteners holding the rear of the tunnel to the vehicle floor.
- B. Remove the OEM Console Mounting Plate by removing the rear two 8mm fasteners and the front two 8mm fasteners.
- C. Loosen the two OEM nuts holding the Console Mounting Bracket to the vehicle chassis.
- D. Place the Center Support Bracket under the Console Mounting Bracket and reverse steps A -C.

## XIII. Partition Installation

- A. Due to the weight and size of the partition, assistance from another party is highly recommended. Insert the partition into the vehicle, lift and position the partition so that it aligns with the Partition Mounting Plate and the Center Support Bracket, using the supplied 1/4-20 x 5/8" Carriage Bolts (3X36) and 1/4-20 Whiz nuts (3X16Z) secure the Partition to the Mounting Plates. Hand tighten fasteners only. (See FIG. 15)

- B. Audit the overall installation for fit and function of all components, insure all fasteners are tight.
- C. After the seat belts have been installed, then buckles can be attached to the partition. We recommend drilling holes in the B-pillar side sheet metal panel and attaching as shown in Figure 8. This buckle is used to hold the seat belts open for loading the prisoner.



#### **XIV. Filler Wing Installation**

- A. The Filler Wings and their mounting hardware are packed in separate box marked Wing Kit. Install the Filler Wings according to their included Install Instructions.

#### **XV. Seat Protector Installation**

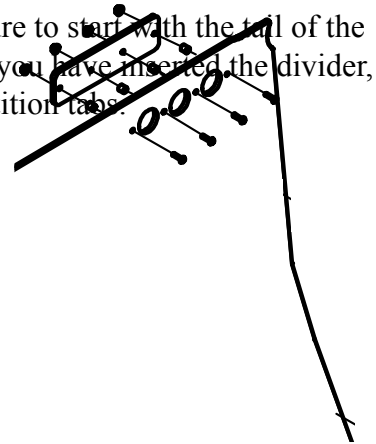
- A. The Seat Protector(s) and their mounting hardware are packed in separate box. Install the Seat Protector(s) according to their included Install Instructions.

#### **XVI. Installing the Center Divider**

- A. Assemble vent plate over 3 large diameter air holes. Use (black ABS) spacers between plate and center divider. Secure using the long, Phillips head screws, black whiz nuts, and black caps. (See Fig. 16)

FIG. 16

- B. Insert the center divider from the passenger side of the vehicle. Be sure to start with the tail of the divider, aimed toward the rear window and speaker deck area. Once you have inserted the divider, press the divider against the seat mount brackets, and then to the partition tabs.
- C. Mark all six mounting hole locations on the divider with a felt tip marker then remove the divider for drilling or drill in place if desired.
- D. Secure the divider to the seat mount brackets and to the partition using the longer 3X81 carriage bolts and 3X16Z whiz nuts provided.
- E. Once you've installed the divider, mount the divider deck bracket in place. Slide the T-bracket under the divider tail. Position the T-bracket where desired and use the (3X110) self-tapping screws to fasten the bracket into the speaker deck (See Fig. 17).



#### **XVII. OEM Door Panel Removal**

- A. Remove the OEM door panel from the door frame.

*Note: Save the lower two OEM fasteners, as they will be reused in ABS Panel installation.*

- B. Remove the power window switch from the door panel.
- C. Secure the door latch cable to the door frame so it will not rattle.
- D. Make sure the power window switch is connected to the harness, protect it from moisture and secure the harness inside the door frame away from the window travel.

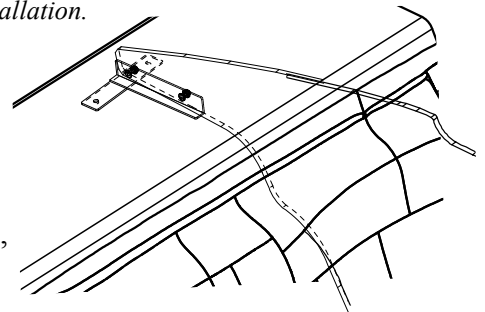


FIG. 17

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E. Remove the top portion of OEM Stud (above nut) holding the window track into place.

F. Next, remove the arm rest support bracket by drilling out the three pop rivets that are holding bracket to the door frame.

### **XVIII. ABS Door Panel Installation**

A. Place the ABS Door Panel against the door and align and install the two OEM screws into the existing holes on the door (white plastic clip) and one OEM fastener that was located behind the door handle. (See Fig. 18 & 19) (Remove any other clips that would cause the ABS panel to stick out.)

B. Attach the remainder of the door panel with #8 x 5/8 self tapping screws. (See Fig. 19)

### **XIX. Window Armor Installation**

A. Place the Window Armor on top of the OEM rubber seal for the window. The back of the bottom bracket has a flange that will secure the bottom of the Window Armor by hooking over this rubber seal. (See Fig. 20)

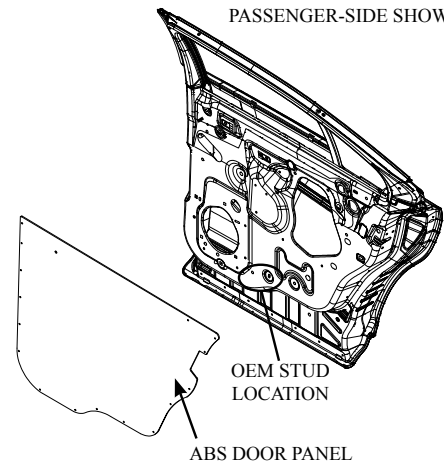
B. Then place the top of the Window Armor inside the window opening. Make sure all the mounting holes line up with the inside of the window opening before securing.

C. Install the self tapping screws to properly secure the Window Armor along the top rail (4 screws). The supplied screws are a Type A-self tapping but sometimes it is necessary to drill a 7/64" pilot hole.

D. User option: Once the Window Armor is installed the installer can install the OEM trim that goes around the window. (Trim to fit)

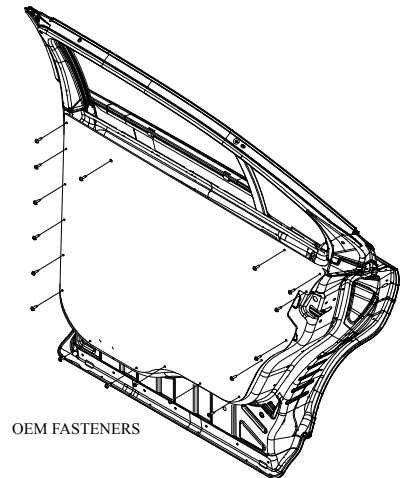
**Fig. 18**

PASSENGER-SIDE SHOWN



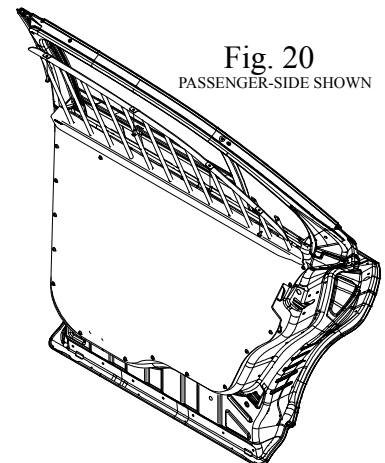
**Fig. 19**

PASSENGER-SIDE SHOWN



**Fig. 20**

PASSENGER-SIDE SHOWN



## **XX. Seat Belt Operation Procedures.**

- A. The Pro-gard Outboard Seat Belt System has two positions. An open and a closed position allows for quick and easy use when transporting prisoners.
- B. The Open Position - Is buckled into the partition and used for loading the prisoner or storing seat belts in vehicle with no occupancy.
- C. The Closed Position - Is buckled into the lower floppy buckle and used for securing the prisoner safely for transportation. Prisoners should Only be transported with the seat belts closed and securely buckled.

## **XXI. Review the overall installation for fit and function. Tighten all fasteners.**

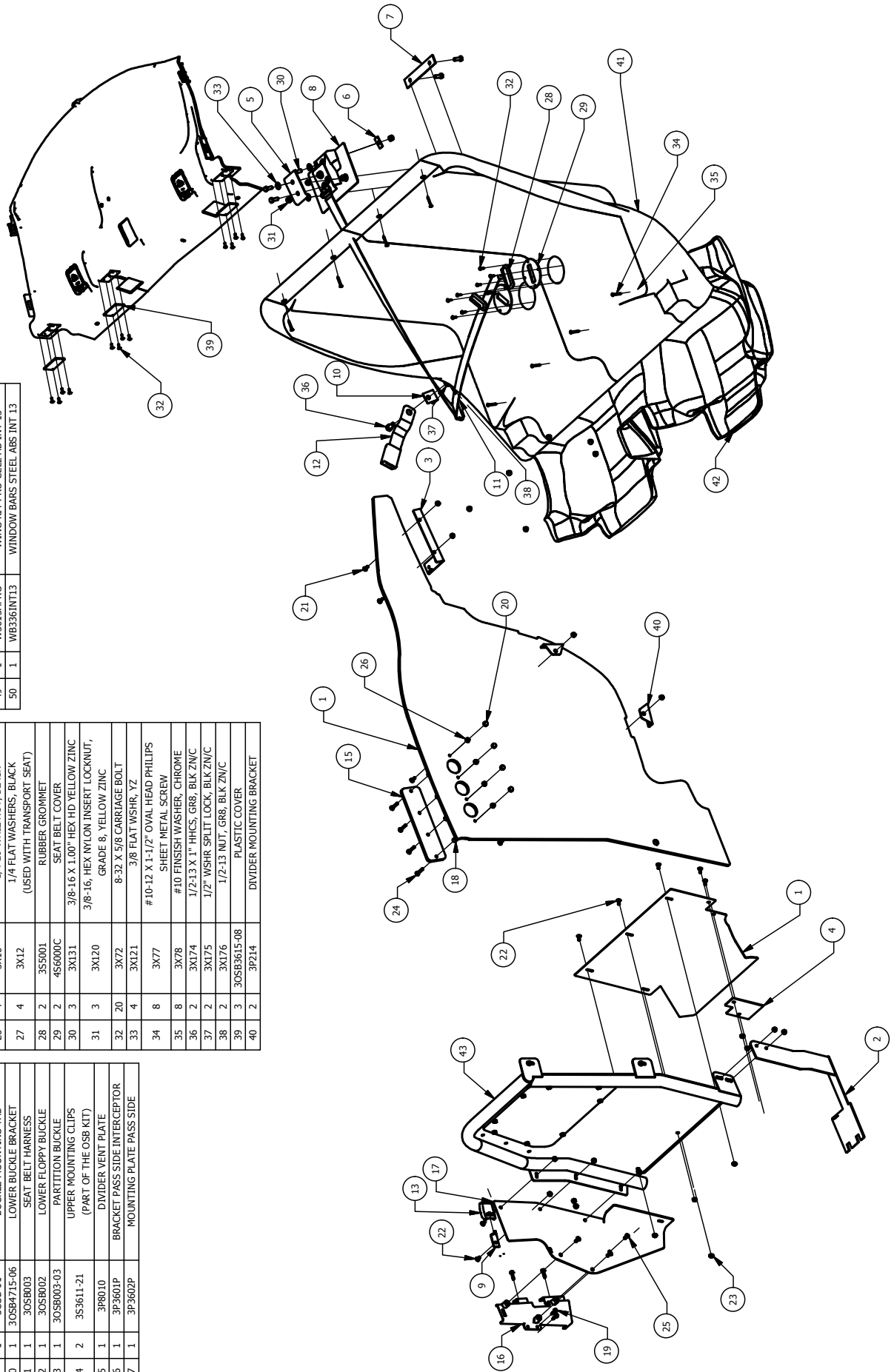
**Installation complete!**

**If you have any problems with this installation then call the toll free number (800-480-6680) and ask for technical assistance.**

FABRICATED PARTS LIST			DESCRIPTION
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3P3613	PRO-CELL DIVIDER
2	1	3P3611-21	PARTITION CENTER SUPPORT BRACKET
3	1	3P3611-22	DIVIDER REAR SUPPORT BRACKET
4	1	3P300-D	FILLER PANEL
5	1	3OSB3615-05	OSB COVER PLATE
6	1	3OSB3615-07	OSB REAR LOWER WASHER
7	1	3OSB3615-12	OSB LOWER BRACKET
8	1	3OSB3615-01	OSB UPPER BRACKET
9	1	3OSB-01	BUCKLE MOUNTING TAB
10	1	3OSB4715-06	LOWER BUCKLE BRACKET
11	1	3OSB003	SEAT BELT HARNESS
12	1	3OSB002	LOWER FLOPPY BUCKLE
13	1	3OSB003-03	PARTITION BUCKLE
14	2	3S3611-21	UPPER MOUNTING CLIPS (PART OF THE OSB KIT)
15	1	3P8010	DIVIDER VENT PLATE
16	1	3P3601P	BRACKET PASS SIDE INTERCEPTOR
17	1	3P3602P	MOUNTING PLATE PASS SIDE

HARDWARE LIST			DESCRIPTION
ITEM	QTY	PART NUMBER	DESCRIPTION
18	4	4C5070P1	BLACK PLASTIC SPACER
19	6	3X162	1/4" X 3/4" SELF-DRILLING SCREW
20	22	3X145	BLACK PLASTIC CAPS
21	7	3X61	1/4-20 X 3/4" CARRIAGE BOLT
22	12	3X36	1/4-20 X 5/8" CARRIAGE BOLT
23	19	3X162	1/4-20 WHIZ NUT, ZINC
24	4	3X07	1/4-20 X 1-1/2" PHILLIPS CAP SCREW
25	3	3X149	5/16-18 X 3/4" BSHCS, BK
26	4	3X16	1/4-20 WHIZ NUT, BLACK
27	4	3X12	1/4 FLAT WASHERS, BLACK (USED WITH TRANSPORT SEAT)
28	2	3S001	RUBBER GROMMET
29	2	4S6000C	SEAT BELT COVER
30	3	3X131	3/8-16 X 1.00" HEX HD YELLOW ZINC
31	3	3X120	3/8-16, HEX NYLON INSERT LOCKNUT, GRADE 8, YELLOW ZINC
32	20	3X72	8-32 X 5/8 CARRIAGE BOLT
33	4	3X121	3/8 FLAT WSHR, YZ
34	8	3X77	#10-12 X 1-1/2" OVAL HEAD PHILLIPS
35	8	3X78	SHEET METAL SCREW
36	2	3X174	#10 FINISH WASHER, CHROME
37	2	3X175	1/2-13 X 1" HHCS, GR8, BLK ZINC
38	2	3X176	1/2" WSHR SPLIT LOCK, BLK ZINC
39	3	3OSB3615-08	1/2-13 NUT, GR8, BLK ZINC
40	2	3P214	PLASTIC COVER DIVIDER MOUNTING BRACKET

ADDITIONAL REQUIRED ITEMS			DESCRIPTION
ITEM	QTY	PART NUMBER	DESCRIPTION
41	1	3S36INT13	TRANSPORT SEAT
42	1	3FP36INT13	FLOOR PAN INTERCEPTOR 13
43	1	4P1000INT	PARTITION PRO-CELL INTERCEPTOR 13
44	1	4K3613PRO	PRO-CELL KIT INTERCEPTOR 13
45	1	4OSB3613PRO	OSB PRO-CELL KIT INT 13
46	1	4SPHKBS	SEAT PROTECTOR KIT BS
47	1	3DP36D	DOOR PANEL DRIVER INT 13
48	1	3DP36P	DOOR PANEL PASSENGER INT 13
49	1	W3613APRO	WING KIT PRO-CELL AB INT 13
50	1	WB336INT13	WINDOW BARS STEEL ABS INT 13



TOP

SEDAN OSB PASSENGER'S SIDE  
TEMPLATE

USE ROUGH DIMENSIONS TO FIND  
CUTOUT LOCATION FOR BUCKLE

1.00  
SCALE TEST

