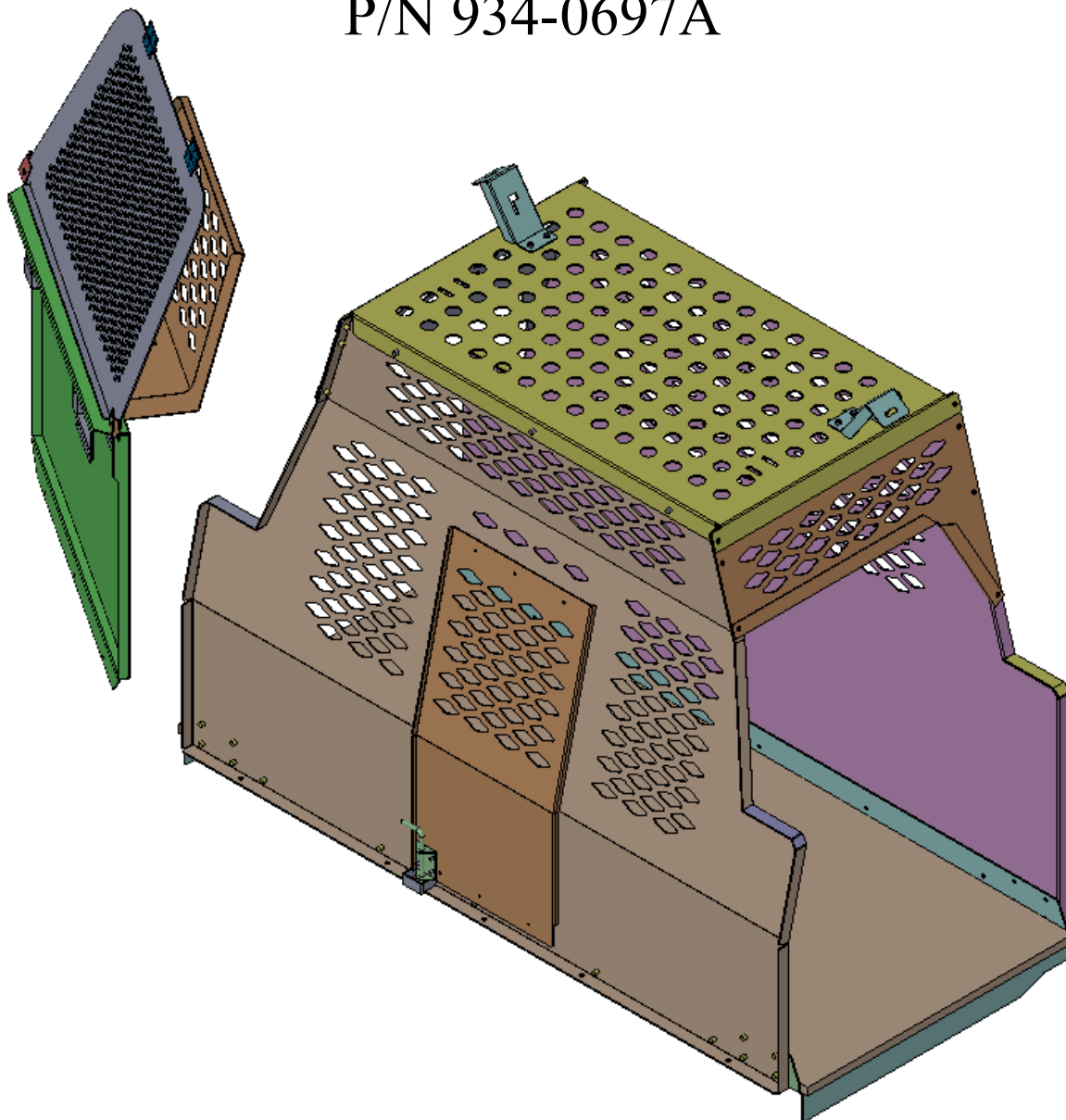




ELECTRONICS

EMERGENCY VEHICLE SOUND, LIGHTING & EQUIPMENT

2015 Ford Expedition K9 Kennel P/N 934-0697A



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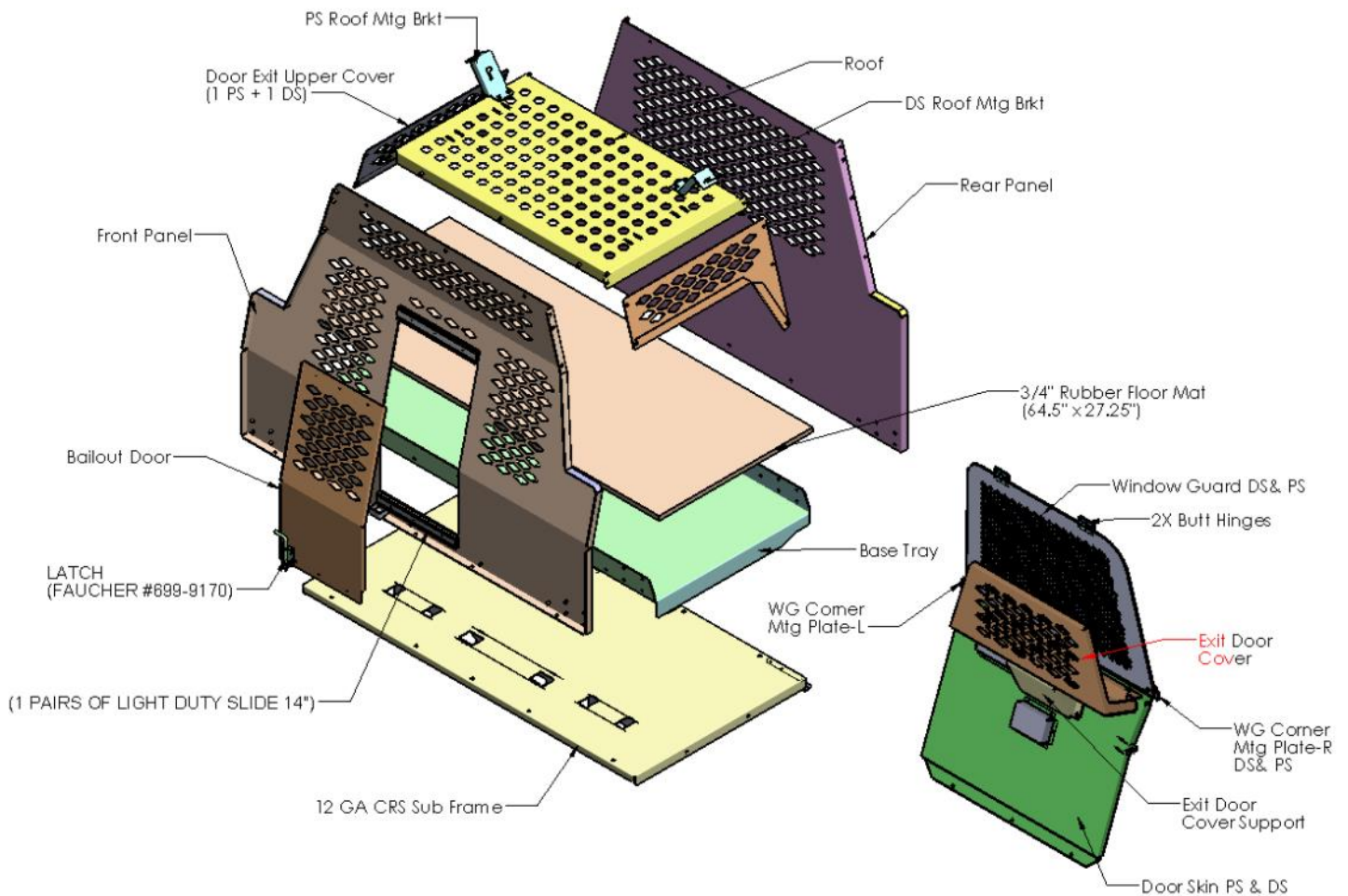
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UNPACKING

Before beginning any installation, unpack the equipment received. After unpacking, examine **ALL** components received for any damage that may have occurred while in transit. If any damage has occurred, file a claim **IMMEDIATELY** with the courier stating the extent of damage. Check **ALL** envelopes, packing slips, shipping labels and tags before removing or destroying them. To ensure your satisfaction, open all cartons and report any shortages **within 48 hours of receipt.**

HARDWARE PARTS LIST

Quantity	Description
45	BOLT, 1/4-20 x 3/4" HEX, ZN
40	BOLT, 1/4-20 x 3/4" ROUND, ZN
91	WASHER, 1/4 FLAT, SAE, ZINC
74	LOCK WASHER, 1/4 SAE, ZINC
14	NUT NYLOCK, 1/4-20, Zinc
2	SCREW MACHINE #10-32 x 1"
2	WASHER FENDER # 10
24	SCREW, 10-32 x 1/2 FLAT HEAD
24	WASHER, # 10 FLAT, ZINC
24	NUT, #10-32 , NYLOC, ZINC
28	SCREW SELF TAPPING #10-32 x 5/8"



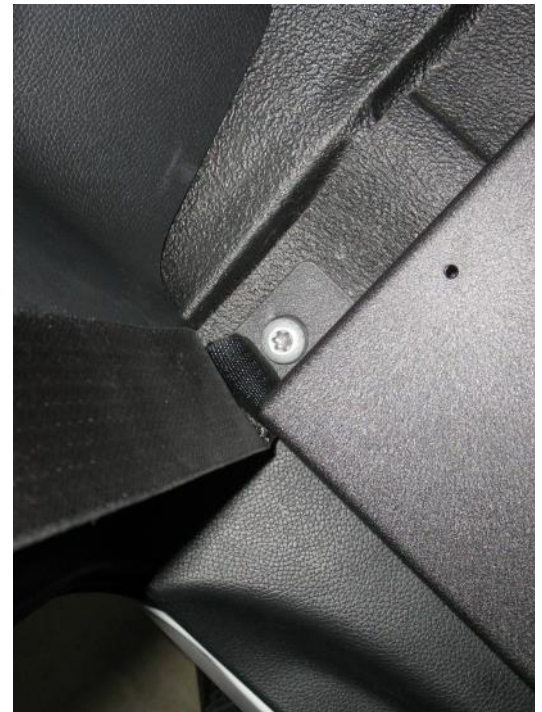
VEHICLE PREPARATION

Remove the 2nd row seats and both rear Door Panels and set aside. Ensure Window switches are reconnected and tucked away. Cover switches with a plastic bag to create a hydro shield. Remove 2nd row seat belt bolts. Some Plastic floor panels may require removal as well. Seat bolts will be used to fasten the sub-frame to the floor. Remove Hook/Hangers on the roof above the 2nd row seats. Contact D&R if you are unsure how to remove the Seats or Door Panels.

INSTALLATION OF K9 UNIT

Step 1 Sub-frame into Vehicle

Place sub-frame over the seat mount holes. Separate the Seat-Belt bolts from their brackets. Tuck the brackets under the sub-frame replace the Seat-Belt bolts as shown on the right. Secure the Sub-frame using the 8x factory Seat bolts.



Step 2

Floor Panel to Sub-frame

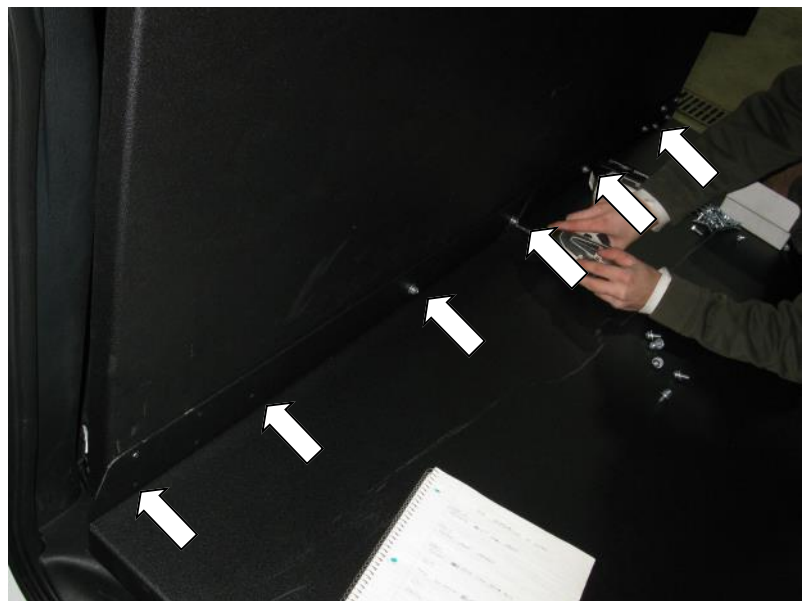
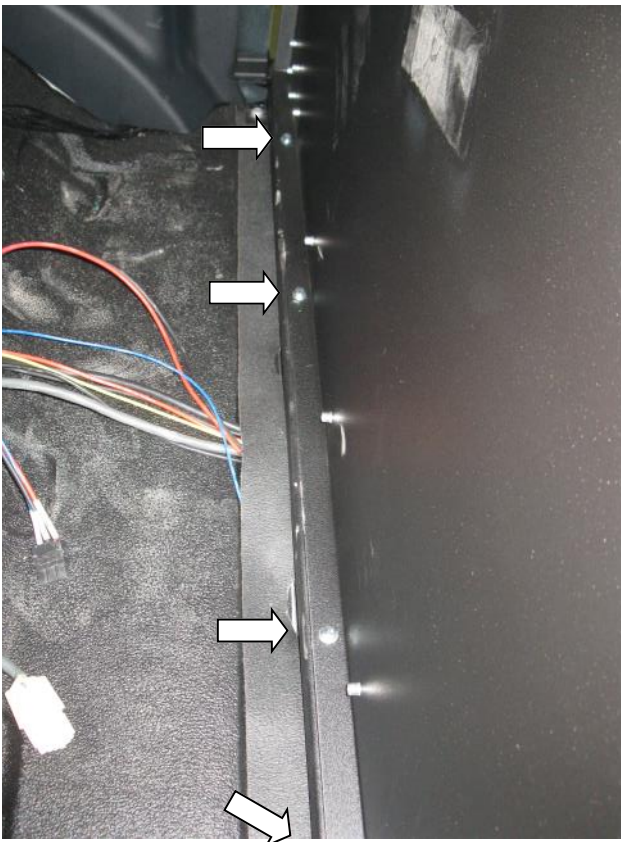
Place Floor panel on sub-frame. Do not secure.



Step 3

Back Panel to Floor Panel & Sub-frame

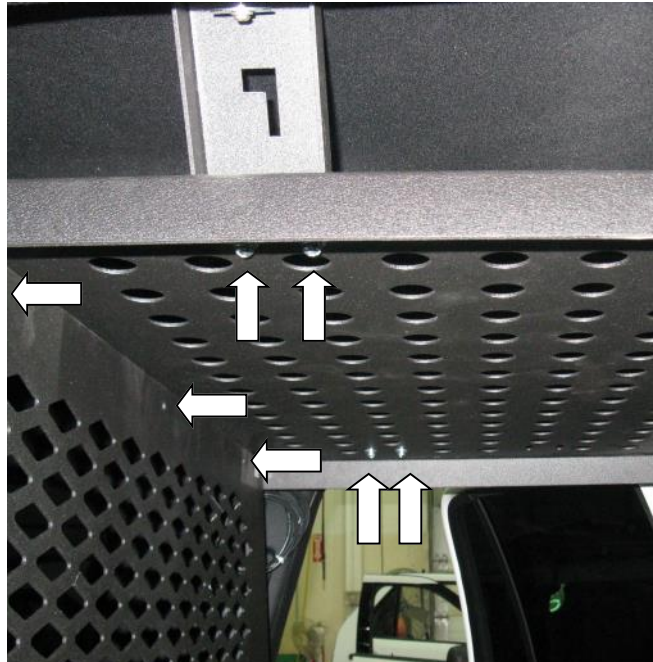
Place Back panel on sub-frame and secure with Sub-frame using (4x) 1/4-20 -3/4" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer. Secure Back panel to Floor Panel using (13x) 1/4-20 -3/4" Round Head Bolt, 1/4" Lock Washer and 1/4" Flat Washer



Step 4

Roof Brackets and Panel

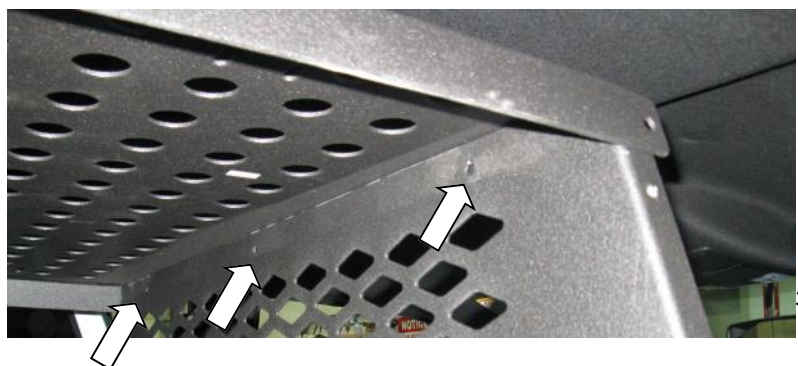
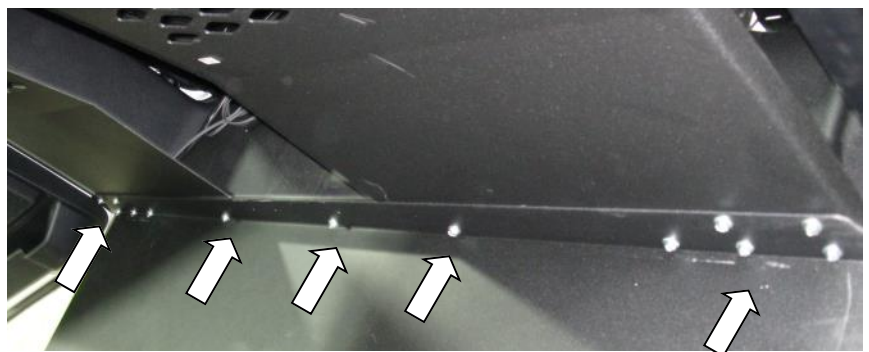
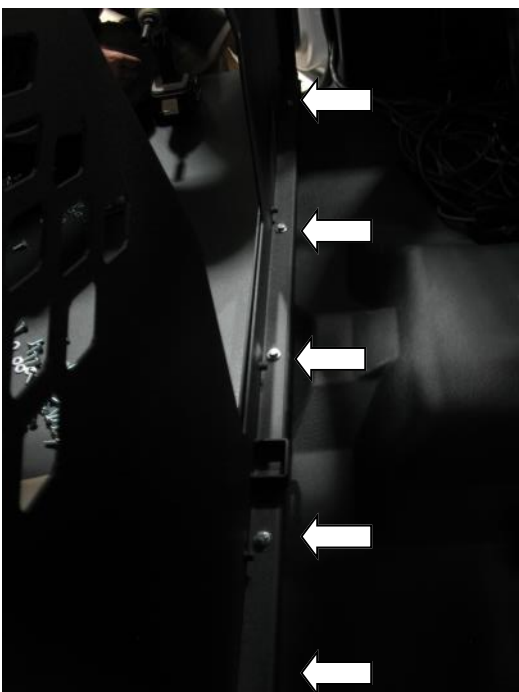
Place DS & PS Roof Mtg Brkts and secure to Hook/Hanger locations using (2x) #10 Machine screws, #10 Lock Washers and #10 Fender Washers. Do not tighten until end of step 5. Place Roof Panel on back panel and secure to Back Panel and Roof Brkts using (7x) 1/4-20-3/4" Round Head Bolt, 1/4" Lock Washer and 1/4" Flat Washer



Step 5

Front Panel to Roof Panel , Floor Panel & Sub-frame

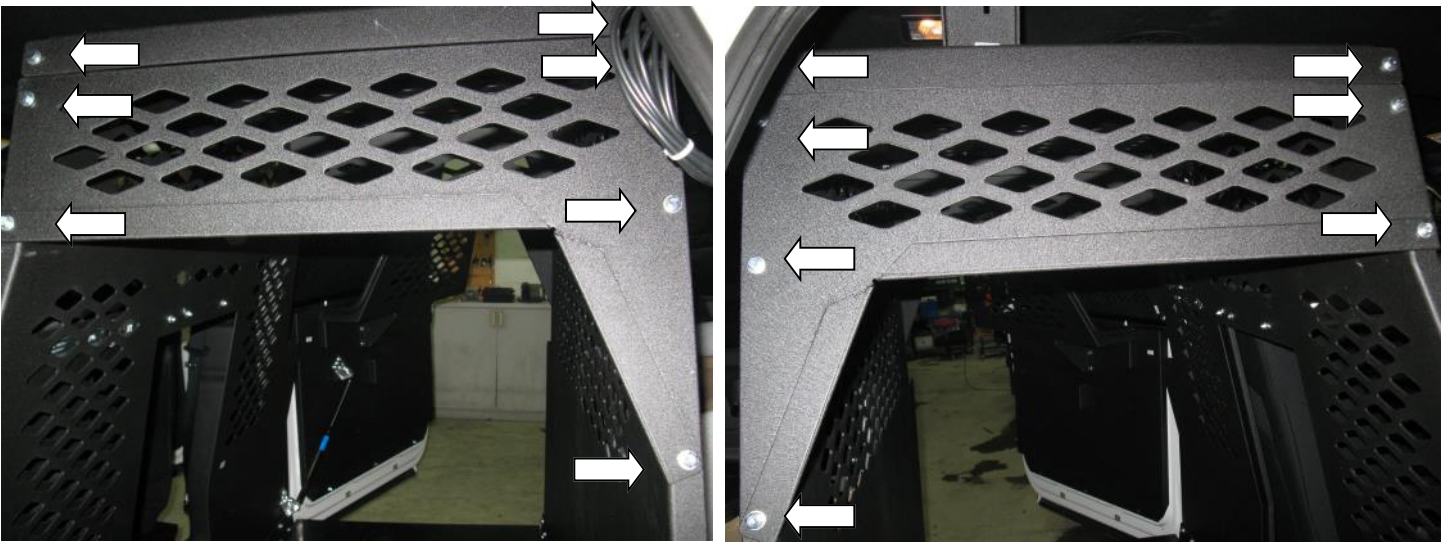
Place Front Panel on Sub-frame and secure using (5x) 1/4-20-5/8" Hex Head Bolt, 1/4" Washers & 1/4" Lock Washers. Secure Front Panel to Roof Panel and Floor Panel using (16x) 1/4-20-5/8" Round Head Bolt, 1/4" Lock Washer and 1/4" Flat Washer.



Step 6

Door Exit Upper Covers

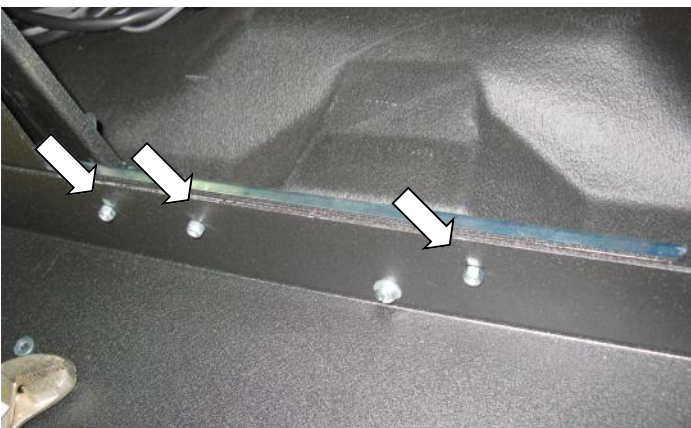
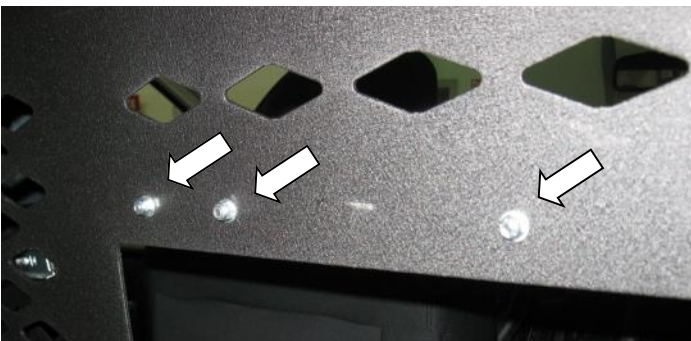
Place the DS and PS Door Exit upper covers and secure using (7x each) 1/4-20-3/4" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer



Step 7

Door Slides on Front Panel

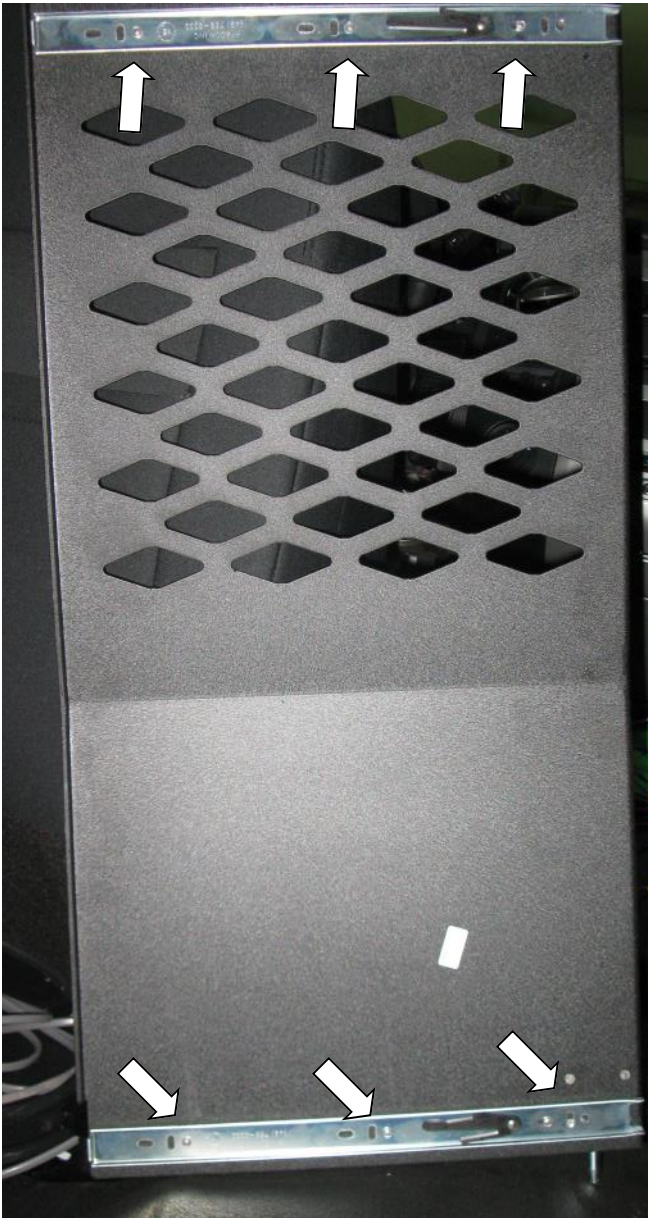
Separate the Slide pieces by pressing the black disconnect lever on the slide. Place the slides on the Front Panel and secure using (3x each) #10 Round head screw, #10 washer and #10 Nylock Nuts. Fasten but do not tighten until end of Step 8. Note that the door slides towards the Drivers Side.



Step 8

Door Slides on the Sliding Door

Place the disconnected part of the slides onto the sliding door and secure using rivets. If rivets are not available use (3x each) #10 Round head screw, #10 washers and #10 nylock nuts. Place and connect the door onto the main slides. Ensure smooth movement and tighten the main slides left loose in Step 7.



Step 9

Rubber Matting

Place Rubber Matting on the base tray. **CAUTION MATTING MAY BE HEAVY.**

Step 10 Door Skins

Place the Door Skins on the Door and Secure using rivets. If rivets are not available use (4x each) self tapping screws provided. Note that if any aftermarket products, such as door release solenoids, must be mounted such that they do not protrude past the speaker frame. Sample image shown below.



Step 11 DS & PS Window Guards

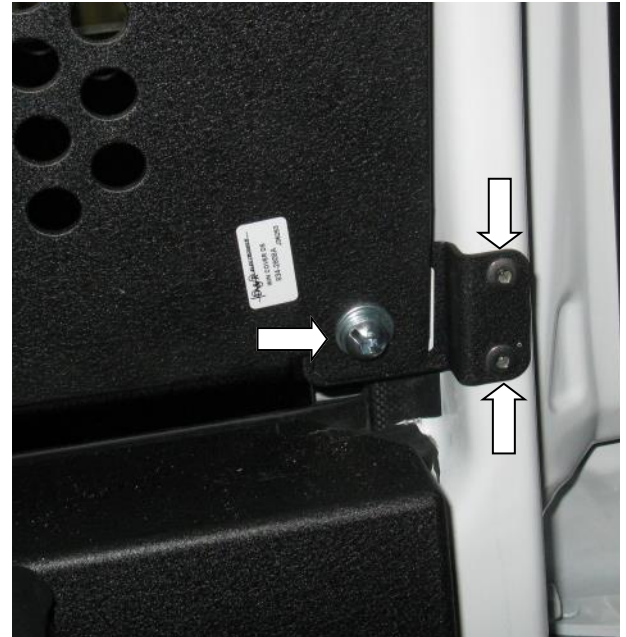
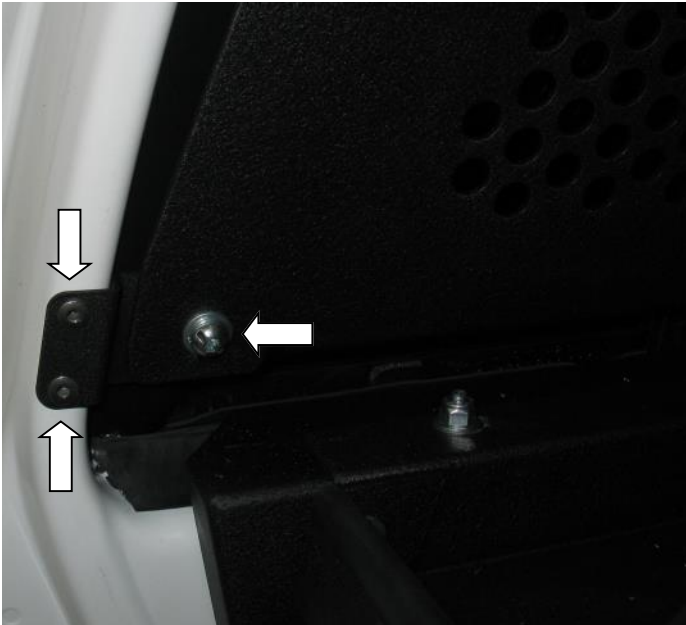
Place Hinges on the Window Guards Secure using Rivets. If rivets are not available use (6x each) #10 Round Head Screw, #10 Lock Washers and #10 Nylock Nuts. Then place the window guards on the door and secure using Rivets. If rivets are not available, use (6x each) Self Tapping Screws.



Step 13

DS & PS Window Guard Brackets

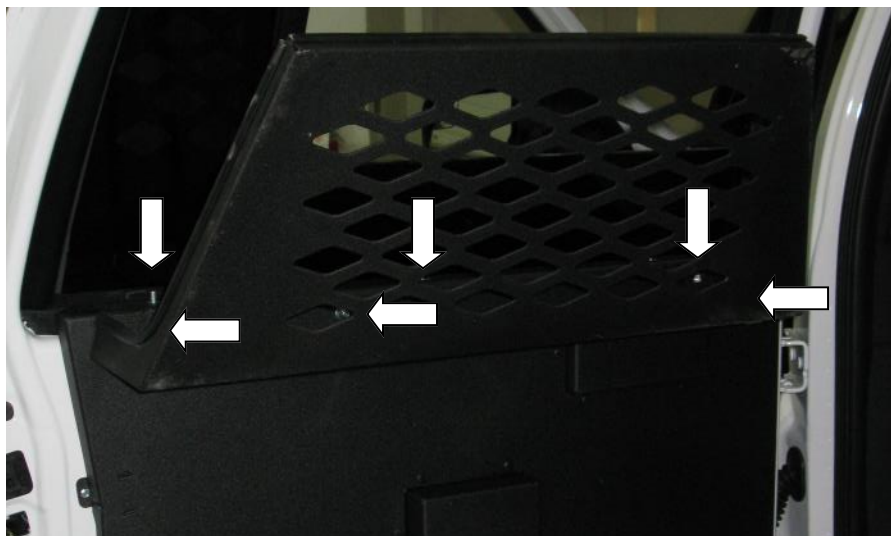
Place the DS & PS Window Guard Brackets on the Window Guards and secure using (2x each) 1/4-20 x 3/4 Round Head Bolt, 1/4" Washer, 1/4" Lock Washer. Secure the Brackets to the Door using rivets or (4x each) self tapping screws provided.



Step 14

Exit Door Covers to Door Skins

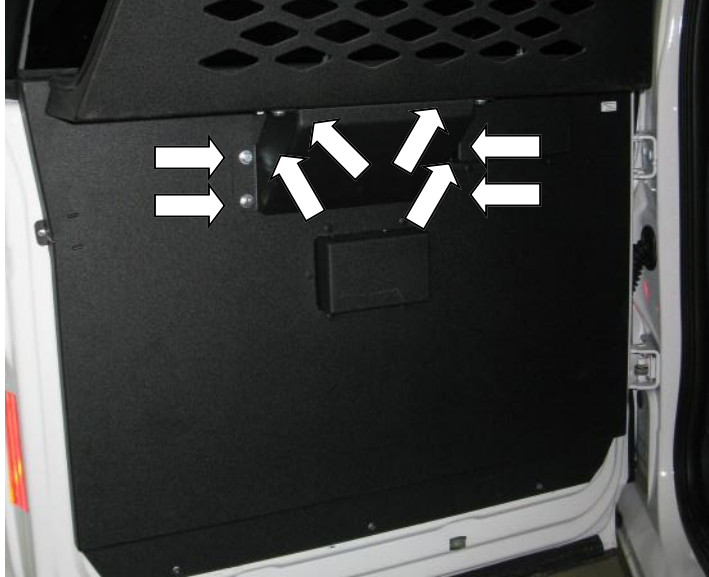
Place the exit door covers onto the door skins and secure using 3x - 1/4-20 X 3/4 Hex Bolts, 3x 1/4-20 Nylock Nuts 3x 1/4 Lock washers and 6x 1/4" Flat Washers. Fasten but do not tighten until end of Step 15. Repeat for opposite door.



Step 15

Exit Door Cover Supports

Place the exit door cover support and secure to door skin using (4x each) 1/4-20 x 3/4 Hex Bolts, 1/4" Lock Washers and 1/4" Flat Washers. Secure the Exit door cover supports to the Exit door covers using (4x each) 1/4-20 x 3/4 Hex Bolts, 1/4-20 Nylock Nuts and 1/4" Flat Washers. Tighten the Hardware left loose in Step 15.



The Installation procedure is now complete. Please contact D&R Electronics if you require further assistance or would like a soft copy of this publication.

WARRANTY

D & R Electronics warrants its new products to be free from defects in material and workmanship, under normal use and service for a period of one year on parts replacement and one year on labor. This warranty applies only to original purchasers acquiring the product directly from D&R Electronics, or its authorized dealers. Warranty will not be recognized without proof of purchase or bill of sale. This warranty is not transferable. The warranty begins on the date of delivery to the first user/purchaser. This warranty shall not apply to products which must be repaired due to normal wear and tear, negligence, improper installation, abuse, misuse, or which have been altered or modified at a facility other than D & R Electronics, or its authorized depot centers. Units proved to be defective within the warranty period, based on an examination by D&R Electronics, will be replaced or repaired at D & R Electronics' option. This warranty does not cover travel expenses or labor charges for removal or installation. Lamps, flash tubes, batteries or other items considered consumables are not covered under warranty. This warranty is in lieu of all other express warranties. D&R Electronics makes no warranties, expressed or implied, other than the express warranties contained herein.

PRODUCT RETURN POLICY

In order to provide you with faster service, product returns for repair or replacement, must have a **Return Goods Authorization Number (RGA number)**. Please contact our company to obtain a RGA number before you return the product to D & R ELECTRONICS. Write the RGA number clearly on the package. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit. D & R ELECTRONICS assumes no responsibility or liability for expenses incurred for the removal and/or the installation of products requiring service and/or repair.

Repairing or replacing product is at the discretion of D & R ELECTRONICS.

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