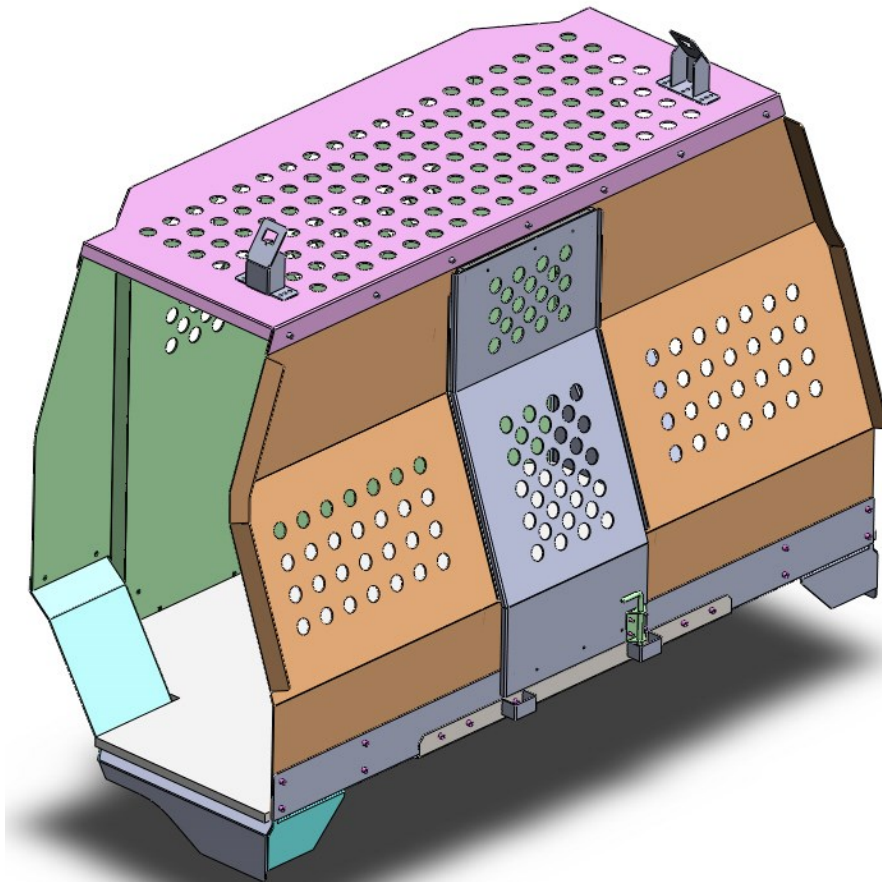




ELECTRONICS CO. LTD.
EMERGENCY VEHICLE SOUND, LIGHTING & EQUIPMENT

2013 Ford Interceptor Explorer K9 Kennel Door-Door 934-0631A

INSTALLATION MANUAL



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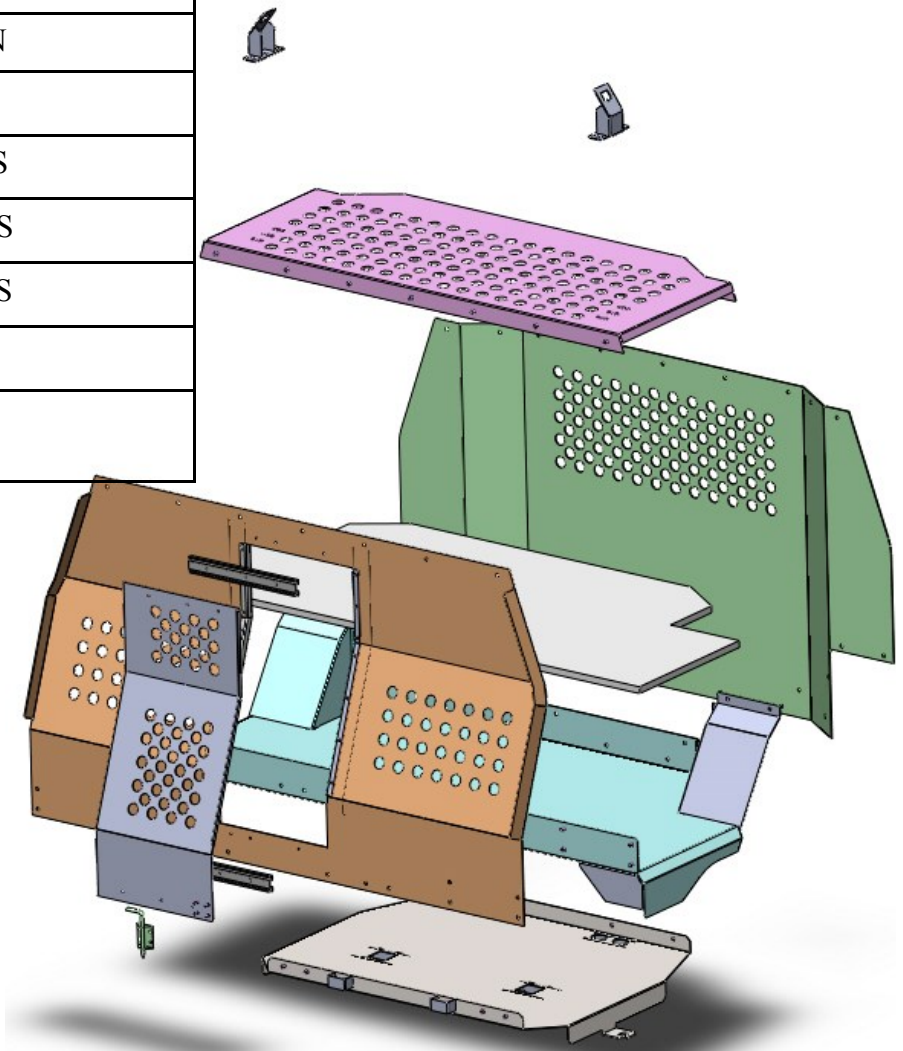
UNPACKING

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
9	SCREW, 8-32 x 1/2 PAN HEAD
3	SCREW, 8-32 x 3/4 PAN HEAD
12	NUT, 8-32, NYLOC, ZINC
12	NUT, 8-32, WASHER
62	WASHER, 1/4 FLAT, SAE, ZINC
50	LOCK WASHER, 1/4 SAE, ZINC
62	BOLT, 1/4-20 x 5/8" HEX, ZN
8	NUT, 1/4-20, NYLOC, ZINC
2	BOLT, 1/4-20 X 5/8" HEX, SS
2	WASHER, 1/4 FLAT, SAE, SS
2	LOCK WASHER, 1/4 SAE, SS
2	14" SLIDES
6	BUTT HINGE



VEHICLE PREPARATION

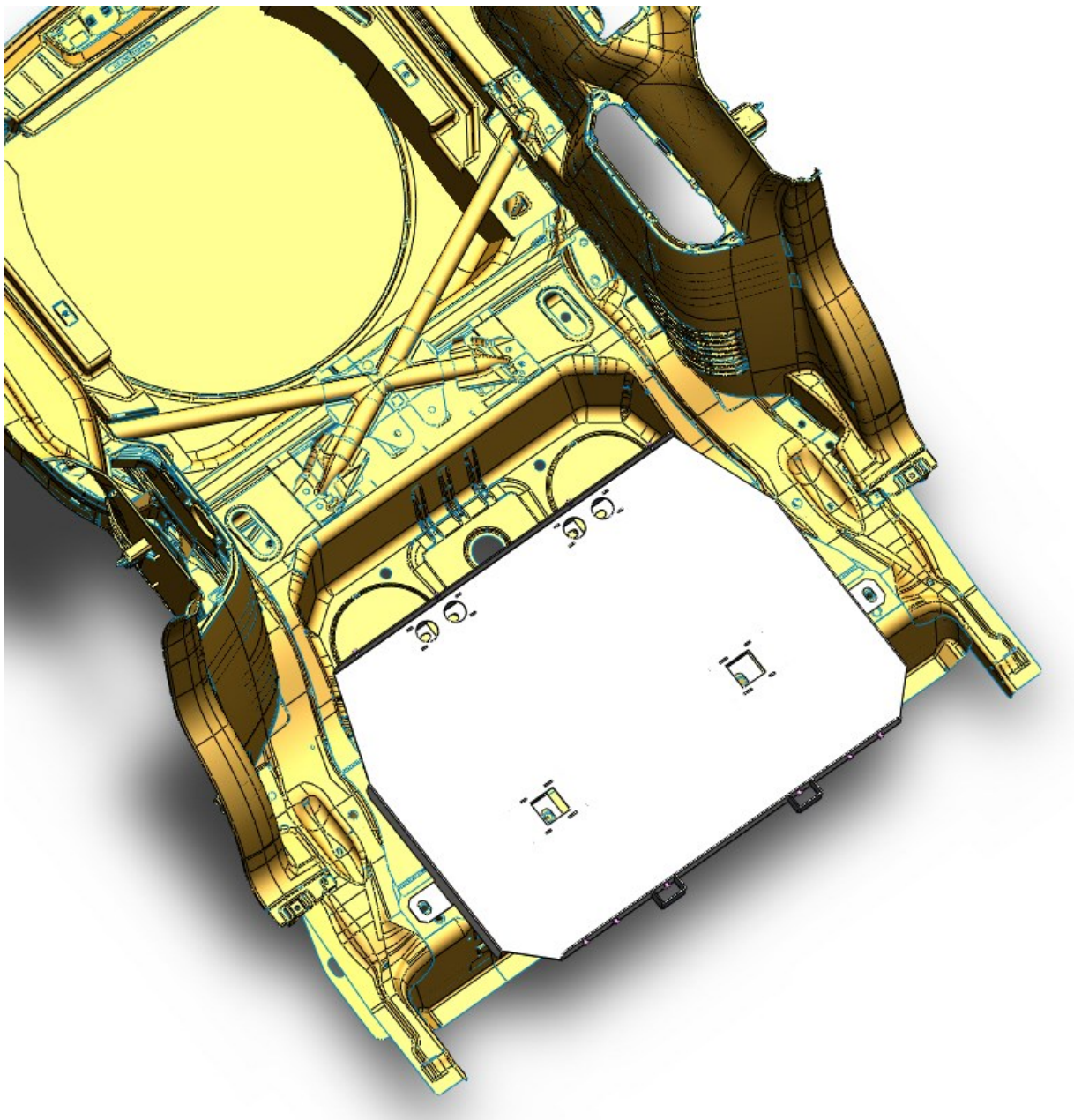
Remove the 2 rear seats and set aside. The removed bolts will be used to fasten the sub-frame to the floor. Remove Passenger Side Rear door panels and set aside.

INSTALLATION OF K9 UNIT

Step 1

Sub-frame into Vehicle

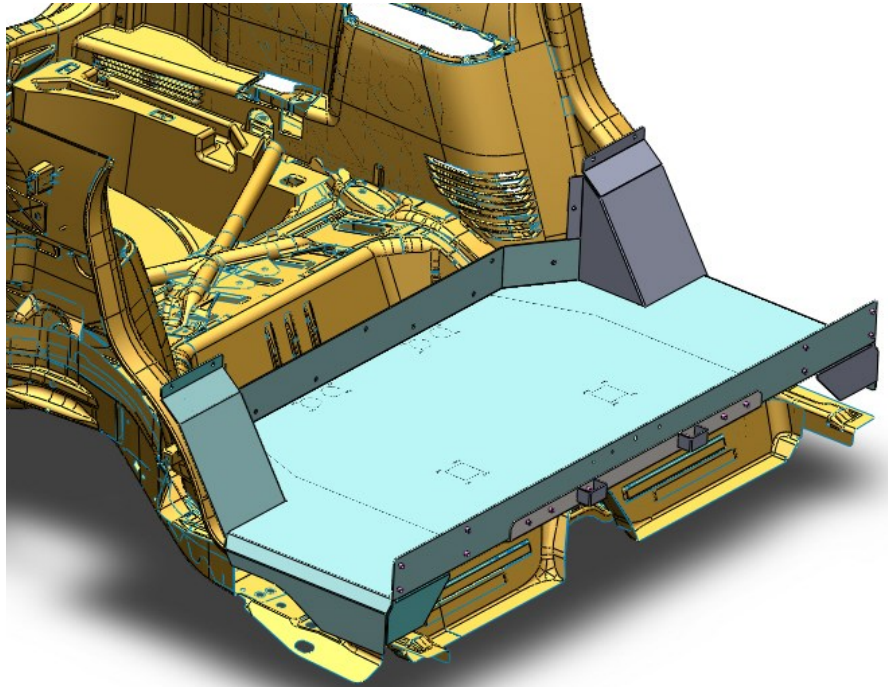
Place sub-frame over the seat mount holes. Some cutting of factory foam will be required to set the sub-frame into position. Secure using factory seat Bolts.



Step 2

Base Panel to Sub-frame

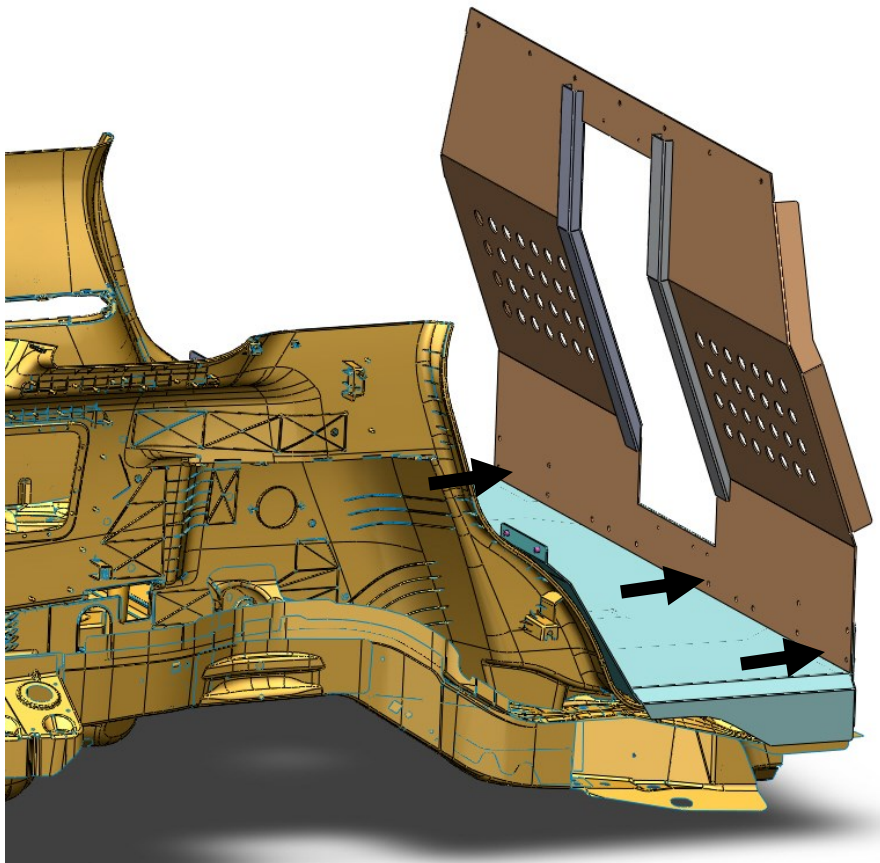
Place base panel on sub-frame. Do not secure.



Step 3

Front Panel to Base Panel

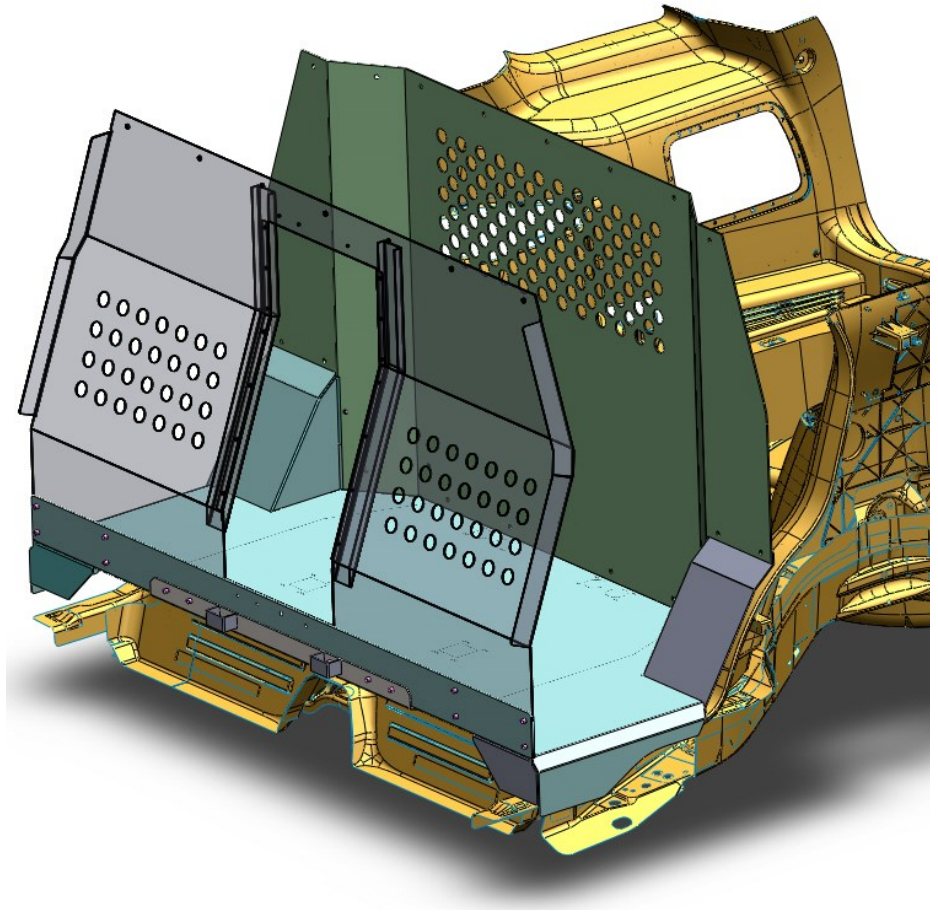
Place Front panel on Base Panel and secure with Sub-frame using (14x) 1/4-20 –5/8" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer



Step 4

Rear Panel to Base Panel

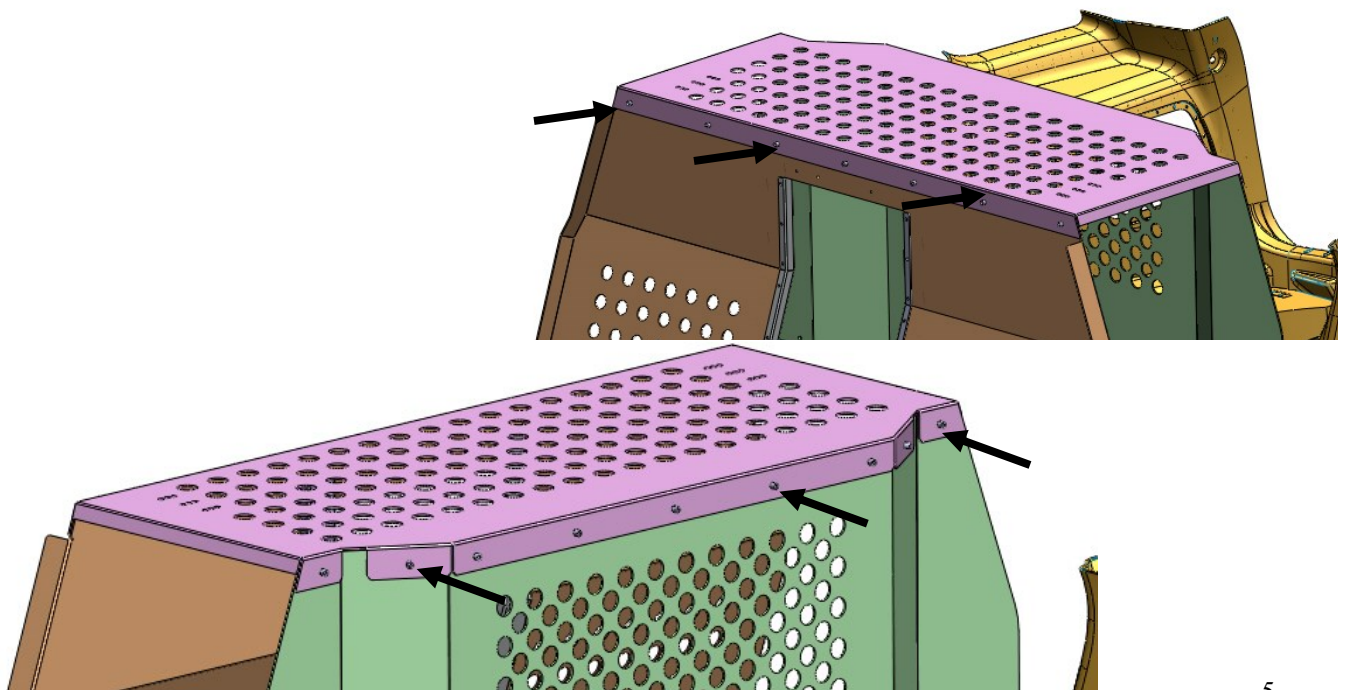
Place Rear Panel on Base Panel and secure with Sub-frame using (14x) 1/4-20-5/8" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer



Step 5

Top Panel to Front and Rear Panel

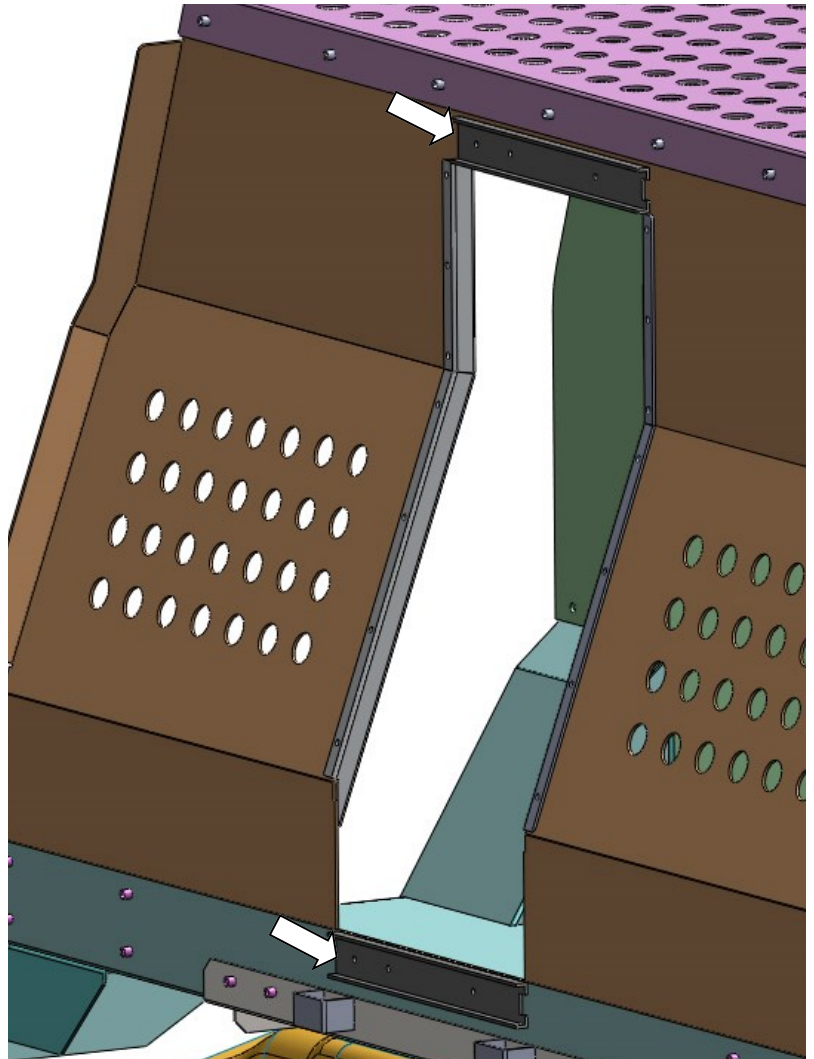
Place Top Panel on Front and Rear Panel and secure using (16x) 1/4-20-5/8" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer.



Step 6

Outer Slides to Front Panel

Place (2x) Outer Slides on Front Panel and secure using (6x) 10-32 Bolts, Lock Washers and Flat Washers

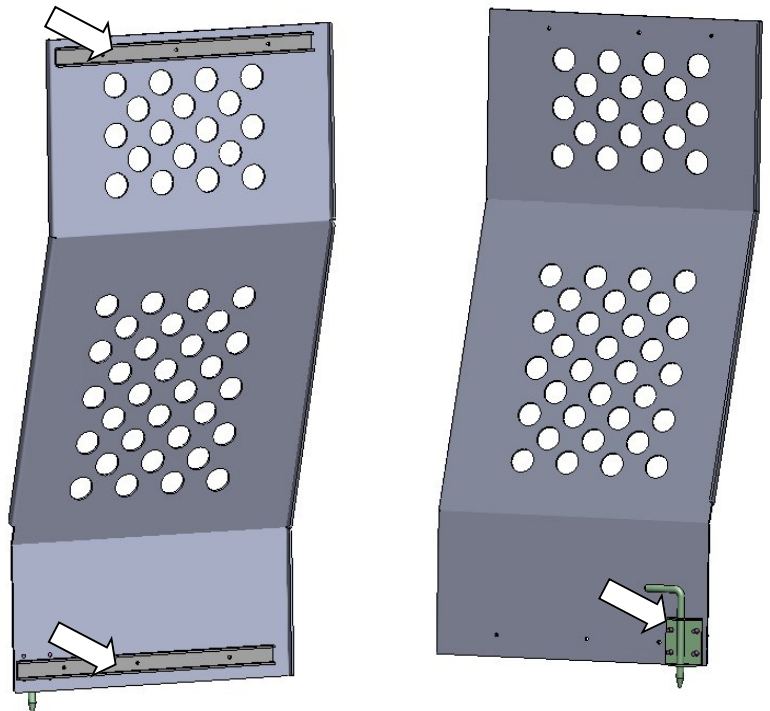


Step 7

Inner Slides and Latch to Front Door

Place (2X) inner Slides on Front Door and secure using (6x) 8-32 Bolts, Nyloc Nut and Flat Washers

Attach plunger latch using 4pc 1/4-20 Nyloc Nut.

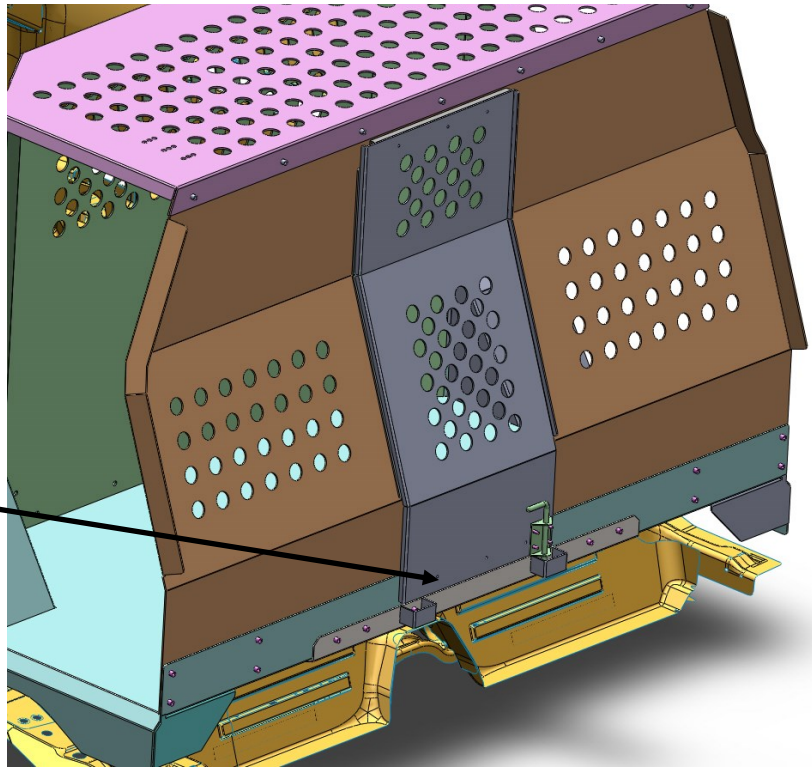


Step 8

Front Door to Front Panel

Place Front Door onto Front panels by locking inner and outer slides into each other.

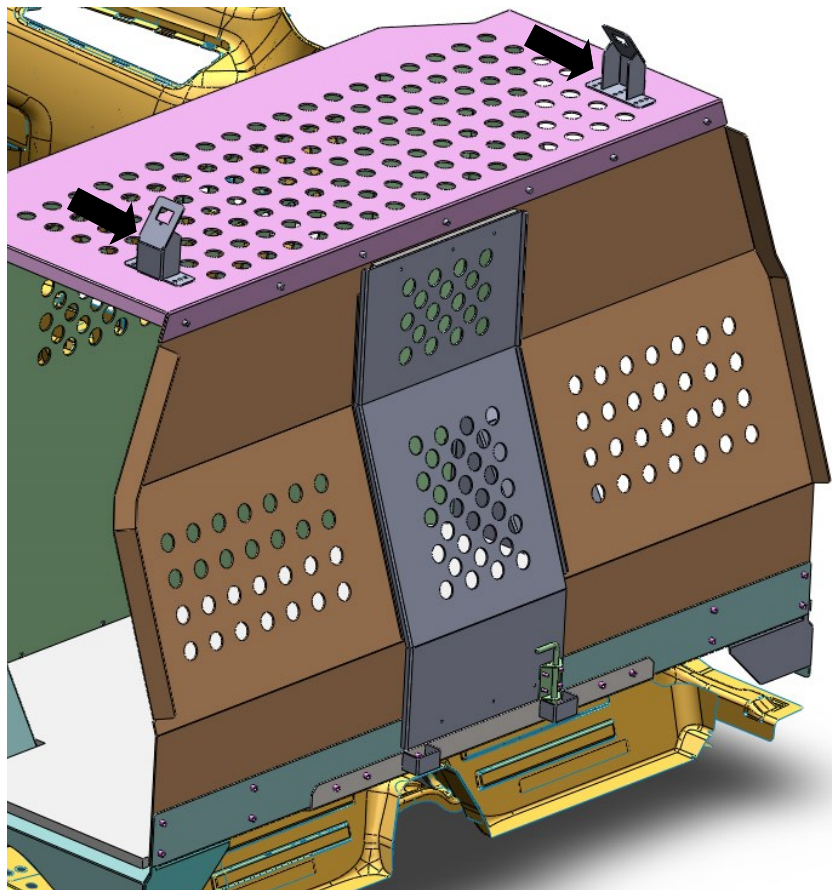
Attach Lower slide to Kennel using 8-32 x 3/4in Pan head with flat washer and nyloc nut. Cut threads to the end of the nut and file smooth.



Step 9

Top Brackets to Top Panel and Roof Coat Hooks

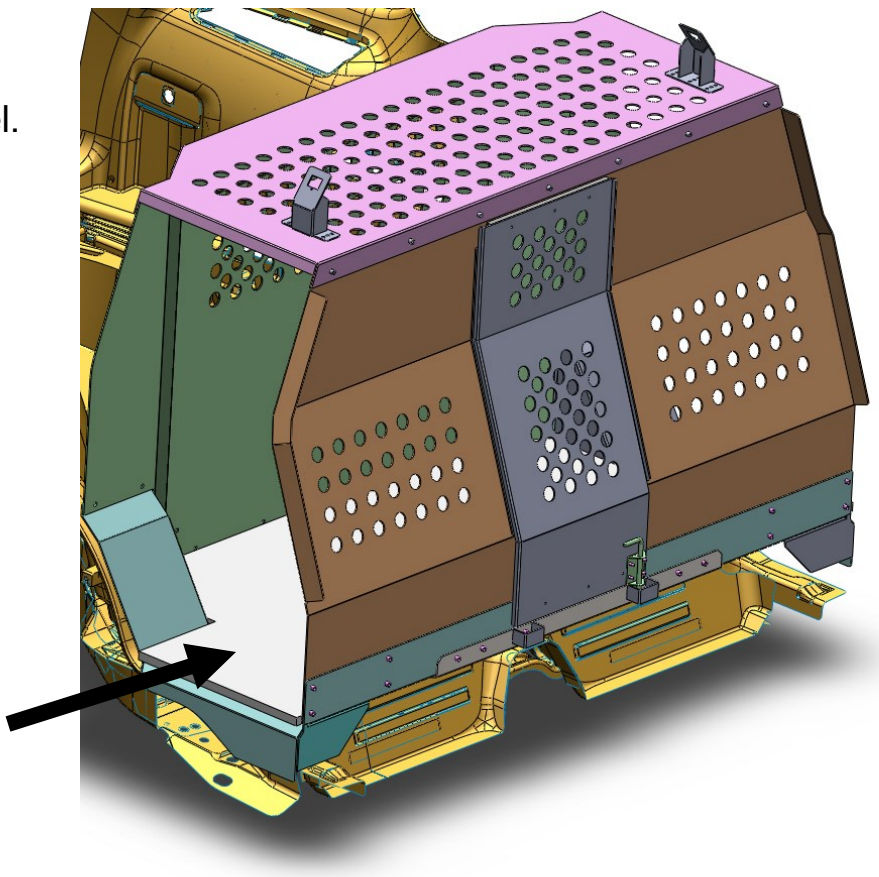
Place Top Brackets on the Top Panel and secure to Roof Coat Hooks, above rear doors, using (2X) 1/4-20 x 5/8" Hex Bolt, (2x) 1/4-20 Nylock Nuts, (8x) 1/4" Flat Washers.



Step 10

Rubber Mat

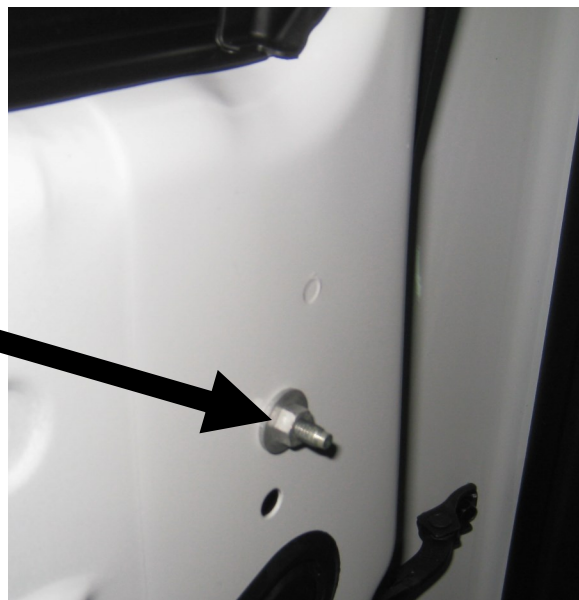
Place Rubber Mat into the Kennel.



Step 11

Door Cover Panel

Remove factory Door Panel, Tape door release cable to the door and remove factory speaker. Then cut threads flush with the nut shown. Repeat this for PS door.



Step 12

Assemble Hinges to Door Cover Panel

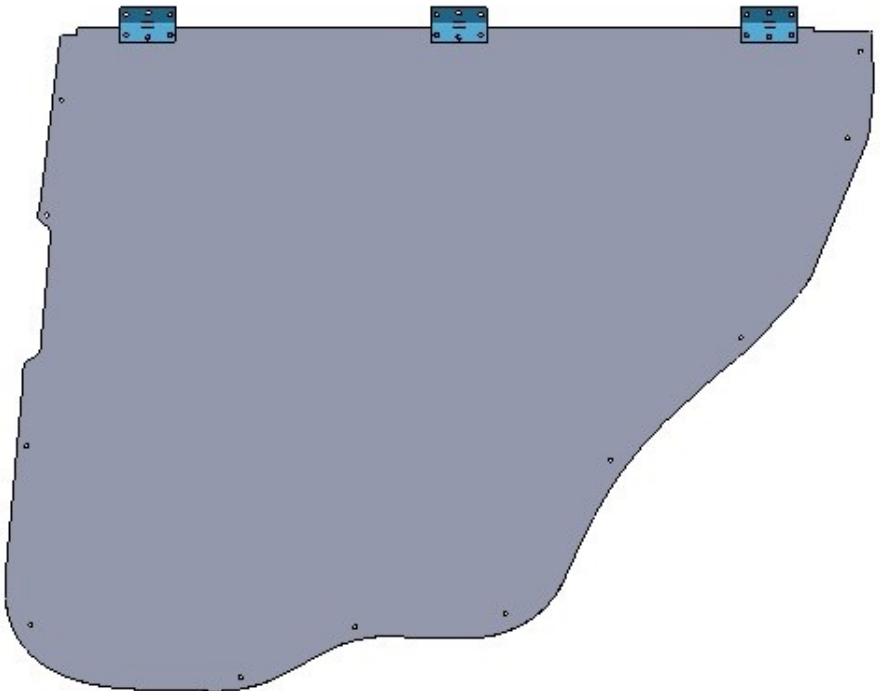
Attach power window switch to the harness and place inside a plastic bag. Seal bag using zip tie ensure that the speaker cable is in the bag as well. Then tuck cable inside the bottom of the door. Repeat for PS door.



Step 13

Assemble Hinges to Door Cover Panel

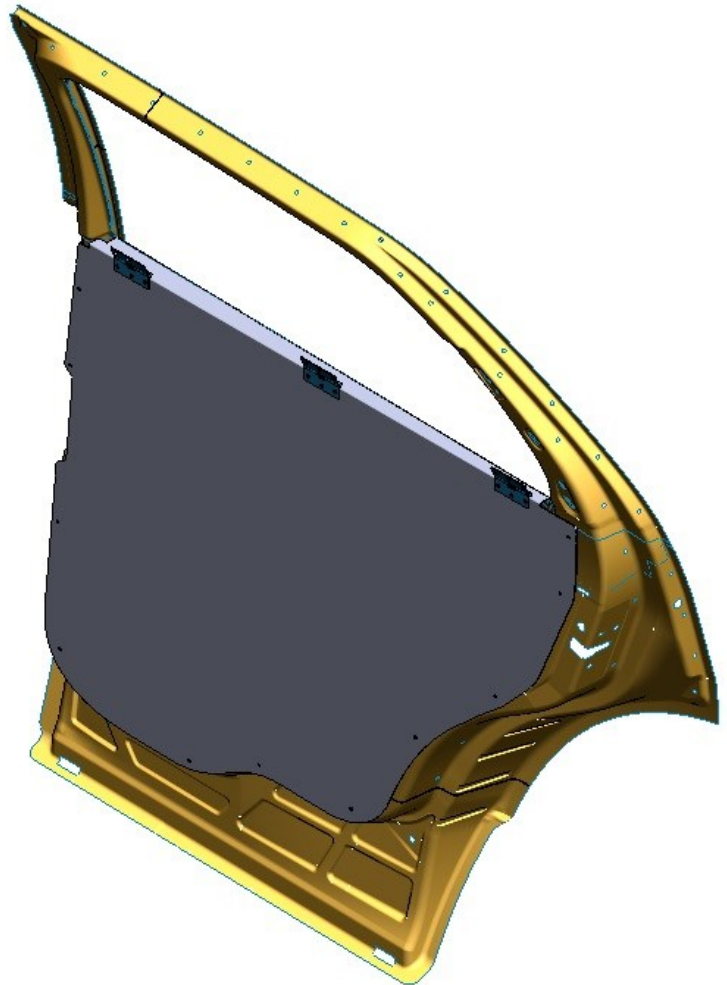
Place (3x) Butt Hinges as shown and rivet to Door Cover Panel. USE AL Rivet.



Step 14

Door Cover Panel to PS Door

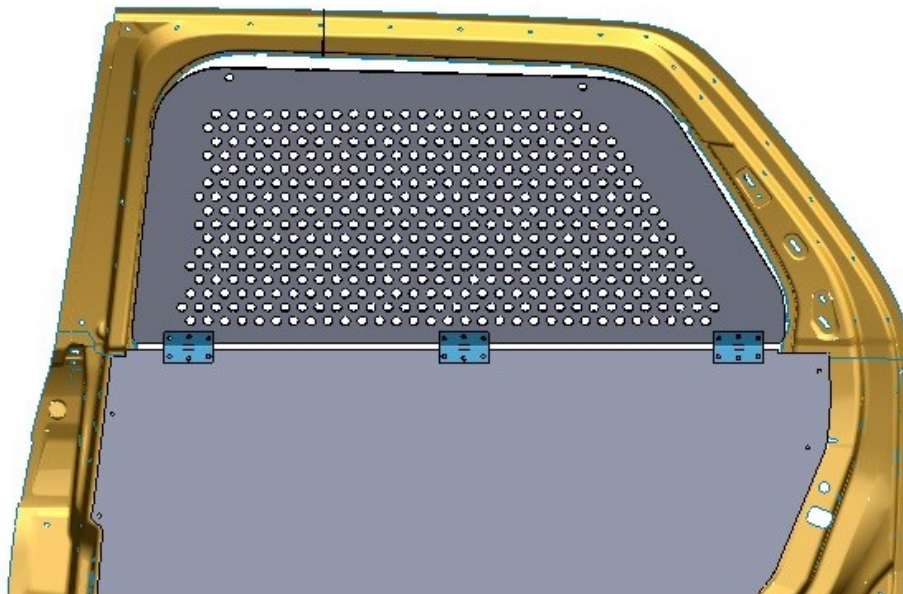
Ensuring that the power supply cable of Fan for the K9 Unit has been removed, Rivet the Door Cover Panel to the PS Door. Repeat for DS Use AL Rivets



Step 15

Window Guard to Hinges

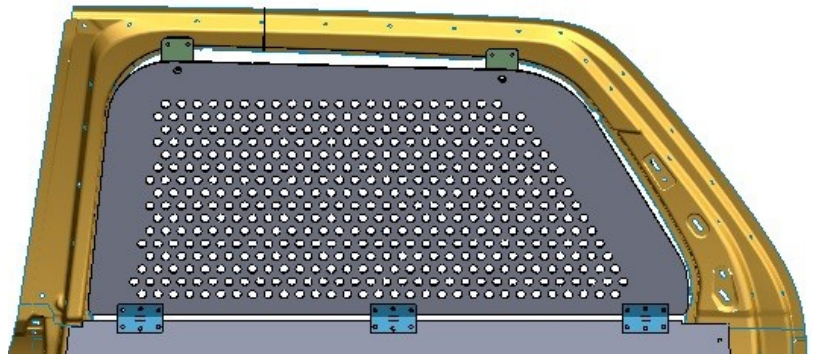
Place the supplied window guard panel and rivet to the hinges. Repeat for DS Use AL Rivets



Step 16

Window Guard Brackets

Fasten the WG Brackets to the WG using (2x) 1/4-20 X 5/8 Hex Bolts, Lock Washers and Washers and then rivet onto PS Door frame.



OPTIONAL FAN WITH COVER



Step 17 (OPTIONAL)

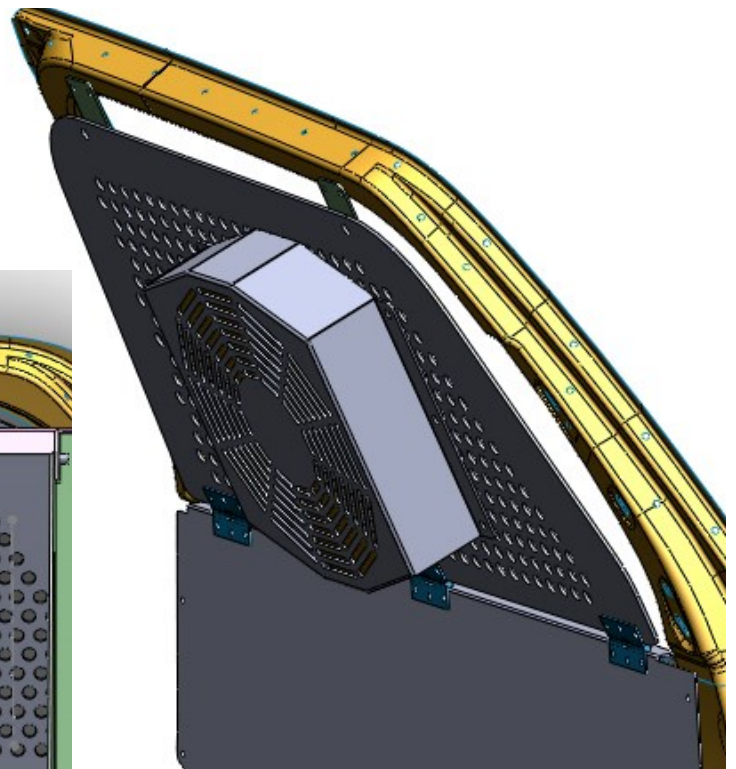
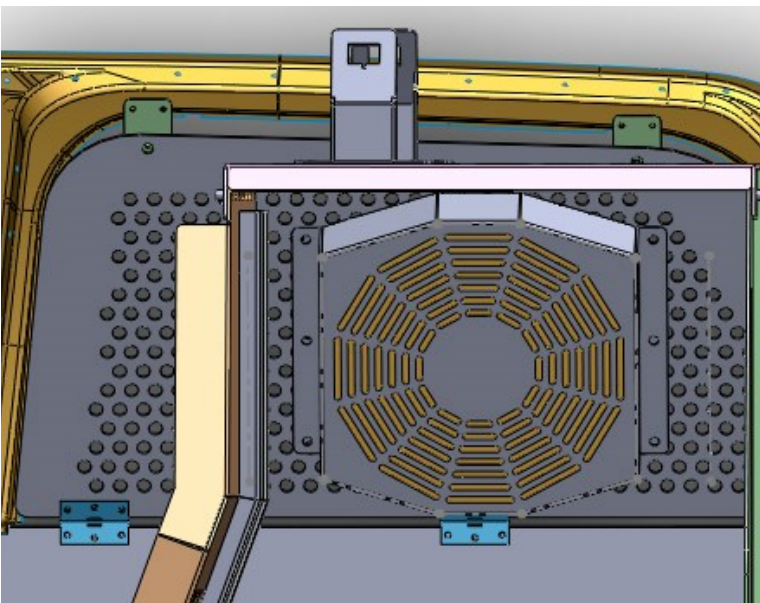
K9 Cooling Fan to Window Guard

Place supplied cooling fan over the WG and Drill mounting holes. Secure using hardware. Also ensure door closes without hitting the kennel.

Step 17

Fan Cover install

Place cover over fan and secure using supplied hardware. Also ensure door closes without hitting the kennel.



Step 18 (OPTIONAL)

Spring gas shock

Place spring gas shock as shown and install.



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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