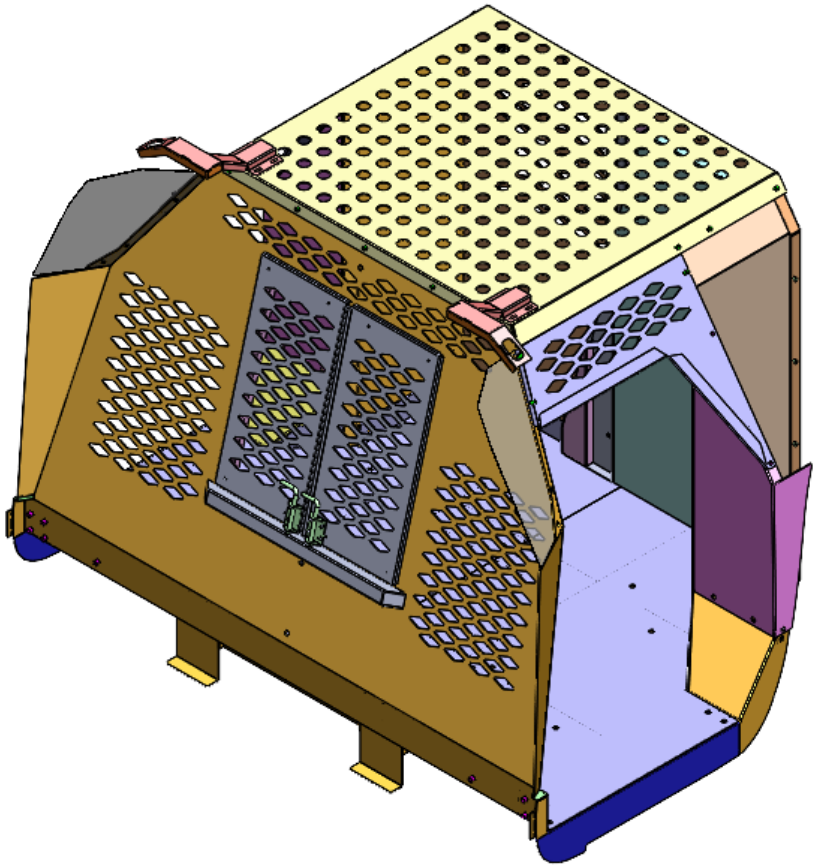
D&R ELECTRONICS CO. LTD.
SOLUTIONS THROUGH CREATIVITY

MK12 & MK12.5 Chev. Suburban Ext. K9 Kennel w/ Half Door (934-1097A)



Content	Page
Hardware and Component List	2-5
Assembly Overview	6-8
Installation Instructions	9-15
Warranty & Return Policy	16

Hardware List For Kennel

Part Number	Description	Qty
401-0023	1/4-20 x 3/4” Hex Head Screws	13
403-0004	1/4 Lock Washers	21
403-0005A	1/4 Flat Washers	13
401-0222	1/4-20 Flat Head Screws	112
413-0010	3/8 Flat Washer	4
401-0043	1/4-20 x 3/4” Carriage bolt	8
422-0009	1/4-20 Nyloc Nut	8

Hardware List For Plexi Glass

Part Number	Description	Qty
401-0017	#10-32 x 3/4” Button Head Machine Screw	4
403-0007A	#10 Flat Washer	8
422-0004	#10 Nyloc Nut	4

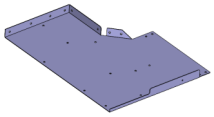
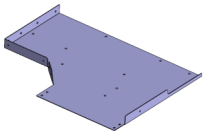
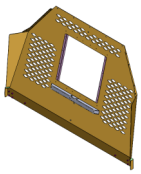
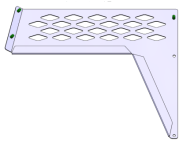
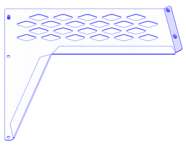
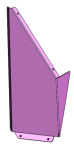
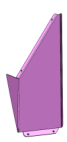
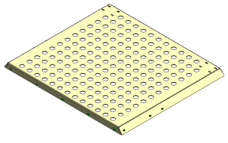
Hardware List For Exhaust Mount

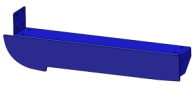
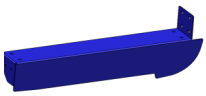
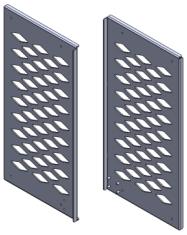
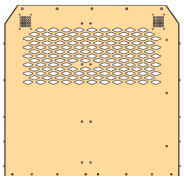
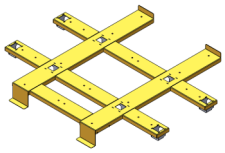
Part Number	Description	Qty
401-0000	1/4-20 x 3/4” Round Head Screws	8
403-0004	1/4-20 Lock Washer	8
403-0005A	1/4-20 Flat Washer	16
422-0009	1/4-20 Nyloc Nut	8

Hardware List For Door Skin

Part Number	Description	Qty
422-0009	1/4-20 Nyloc Nut	6
403-0005A	1/4-20 Flat Washer	6
401-0017	#10-32 x 3/4” Button Head Machine Screw	8
403-0010	#10 Lock Washer	8
403-0007A	#10 Flat Washer	8
411-0132	#10 Self Tap Screws	20

Component List For Kennel

Image	Item Number	Part Number	Description	Qty
	A	834-6152A	DS Floor	1
	B	834-5006A	PS Floor	1
	C	834-6325A	DS Base Corner	1
	D	834-6326A	PS Base Corner	1
	E	834-6154A	DS Side Panel	1
	F	834-6155A	PS Side Panel	1
	G	834-6159A	K-9 Front Panel	1
	H	834-4881B	DS Side Door Cover	1
	I	834-4882B	PS Side Door Cover	1
	J	834-6329A	DS Side Upper Filler	1
	K	834-6330A	PS Side Upper Filler	1
	L	834-6157A	Top Cover	1

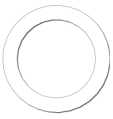
	M	834-5013A	DS Tray	1
	N	834-5014A	PS Tray	1
	O & P	834-6160A & 834-6161A	PS Front Door & DS Front Door	1
	Q	834-6327A	Side Mounting Plate	2
	R	834-6158A	Back Wall	1
	S	834-6151A	K9 Subframe	1

<u>Note:</u> The K-9 Front Panel (834-4713A), K-9 Front Kennel Door (834-4723A) and Door Latch Guides (834-4724A) are pre-assembled.

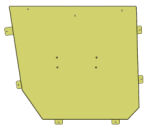
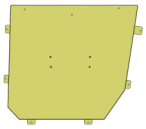
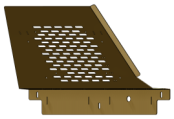
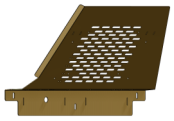
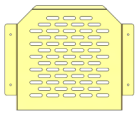
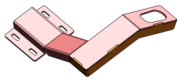
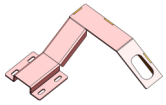
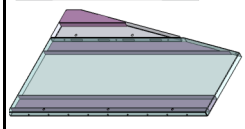
Component List For Plexi Glass

Image	Item Number	Part Number	Description	Qty
	T	834-4944A	Lexan Window Guard	2

Component List For Exhaust Mount

	Item Number	Part Number	Description	Qty
	U	834-4651A	K9 Exhaust Roof AdapterK9	2
	V	834-4652A	Exhaust Kennel Adapter	2

Component List For Door Skin

	Item Number	Part Number	Description	Qty
	W	834-5016B	DS Door Skin	1
	X	834-5017B	PS Door Skin	1
	Y	834-4927A	DS Door Skin Guard	1
	Z	834-4928B	PS Door Skin Guard	1
	AA	834-4726B	Fan Cover	2
	AB	834-4925B	DS Roof Bracket	1
	AC	834-4926B	PS Roof Bracket	1
	AD	834-6156A	Rubber Mat	1
	AE	834-6162A	Divider Hat Channel	1
	AF	834-6163A	Rear Divider Panel	1
	AG	834-6164A	Front Divider Panel	1
	AH	834-6165A	Divider Hinge	2

<u>Note:</u> The divider hat channel, rear divider panel, front divider panel and divider hinges are pre-assembled.

UNPACKING

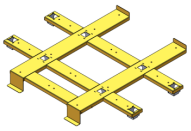
Before beginning any installation, unpack the equipment received. After unpacking, examine **ALL** components received for any damage that may have occurred while in transit. If any damage has occurred, file a claim **IMMEDIATELY** with the courier stating the extent of damage. Check **ALL** envelopes, packing slips, shipping labels and tags before removing or destroying them.

To ensure your satisfaction, open all cartons and report any shortage **within 48 hours of receipt.**

VEHICLE PREPARATION

Remove the 2 rear seats and set aside. The removed bolts will be used to fasten the sub-frame. Hide both rear seat belts behind the factory trim. Remove factory rear door panels along with the factory speakers and set aside. Remove the factory coat hooks and set hardware aside

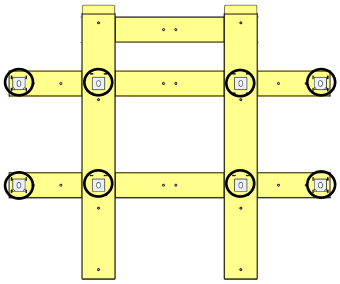
INSTALLATION OF K9 KENNEL UNIT



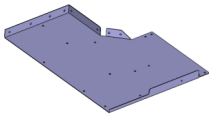
Step 1

Sub-frame into Vehicle

Place the Sub-frame (834-6151A) over the seat mounting studs. There are 8 factory studs that will match up with the 8 slots in the sub-frame as seen in the Figure below. **Do not** secure down until Step 3. You may have to cut some floor liner to see mount points.

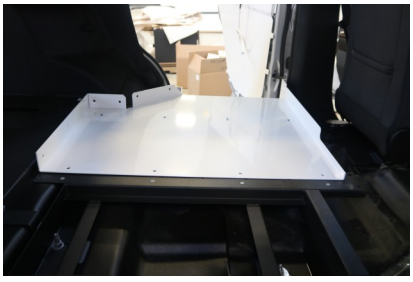




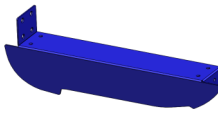


Step 2

Bottom Tray to Sub-frame

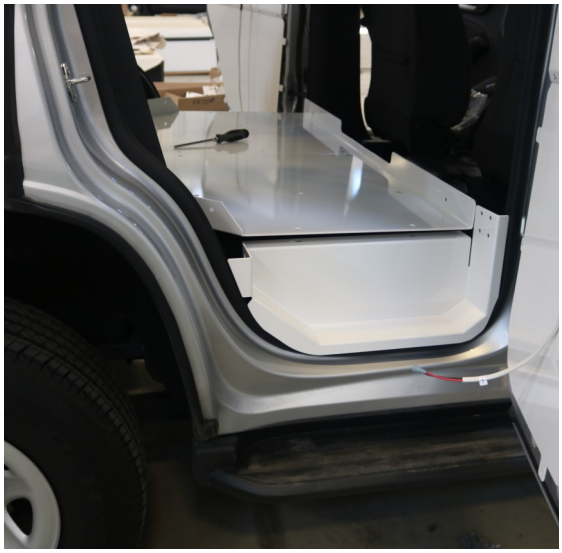


Place Bottom Tray (834-6152A) on the driver's side of sub-frame. Ensure the mounting points between the Tray and the Sub-frame are aligned. Repeat for the opposite side. (834-6153A).

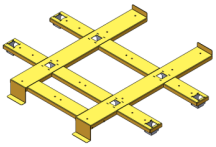


Step 3
Tray to Bottom Tray

Secure the Tray (834-6152A) to the side of the Bottom Tray (834-5013B) on the Driver's side using 1/4-20 x 3/4" countersink screws (x4). Repeat for Passenger side. Once the Trays are properly installed ensure the placement of the sub-frame is correct. It should be sitting in the middle of the vehicle with equal distance on either side**.** Once satisfied with placement **carefully** remove the trays. The Bottom tray and tray can remain attached.

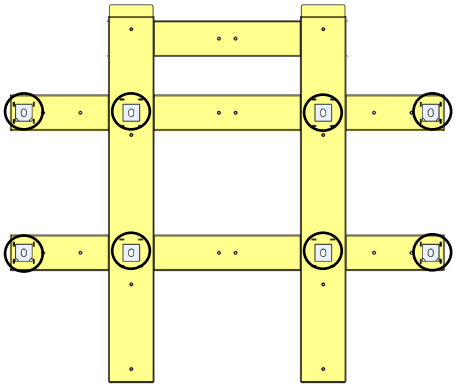


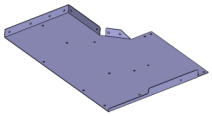
Above is a 2020 Tahoe Image. Installation is the same



Step 4
Sub-frame into Vehicle

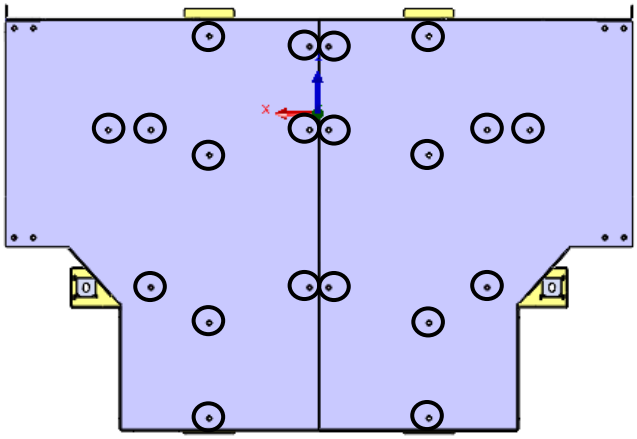
Secure the sub-frame using the 8 factory seat bolts. **Note:** Four 3/8 washers must go under the front four factory seat bolts.



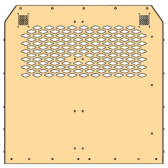


Step 5
Bottom Tray to Sub-frame

Place both Bottom Trays (834-6152A & 834-6153A) on to the sub-frame and secure using 1/4-20 x 3/4" countersink screws (x20).

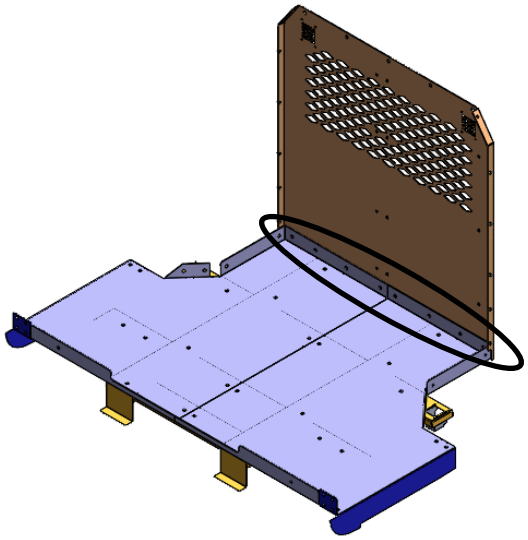


Top View

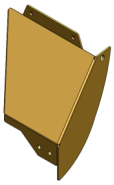


Step 6

Back Panel to the Bottom Tray



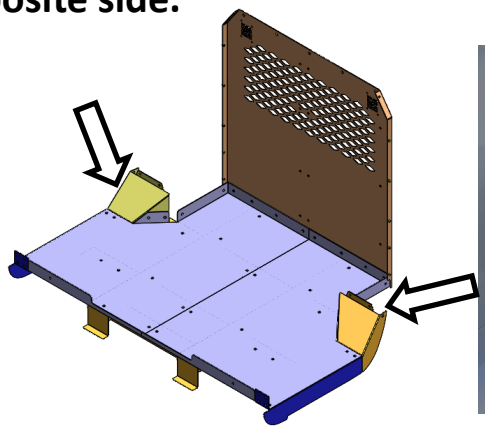
Carefully place the Rear Panel (834-6158A) to the Bottom Trays and **loosely** secure using 1/4-20 x 3/4” countersink screws (x8).



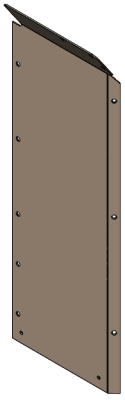
Step 7

Side Filler to Bottom Tray & Side Tray

Using 1/4-20 x 3/4” countersink screws (x6) loosely secure the Side Filler (834-6325A) to the Bottom Tray and the Side Tray as seen in the Figures below. **Repeat for opposite side.**

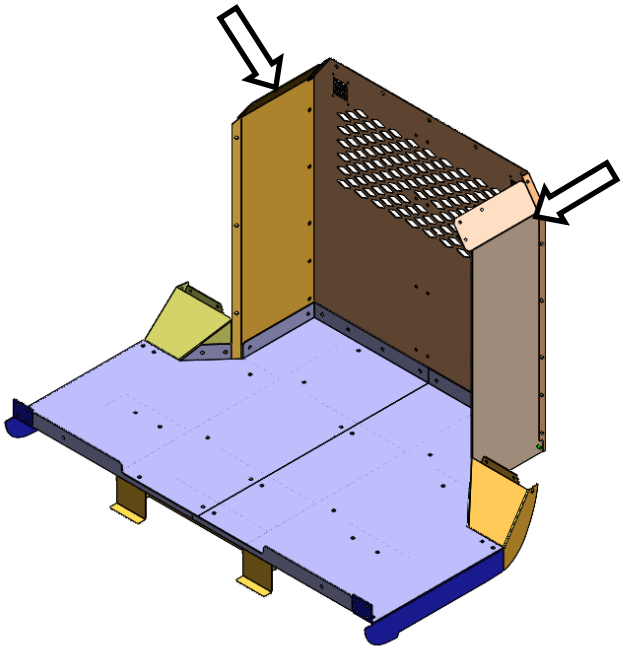




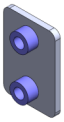


Step 8

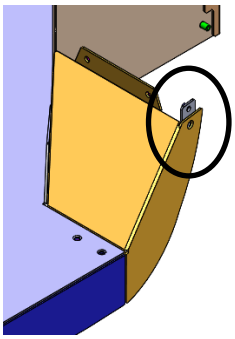
Side Panel to Back Panel, Side Filler & Bottom Tray



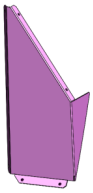
Using 1/4-20 x 3/4" Countersink screws (x7) loosely secure the Side Panel (834-6154A) to the Back Panel, Side Filler and Bottom Tray as seen in the figure to the right. **Repeat for opposite side.**



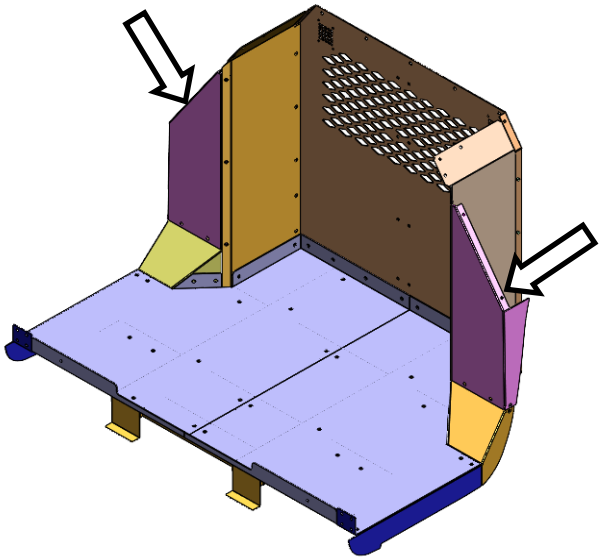
Step 9
Side Filler to Side Mounting Plate



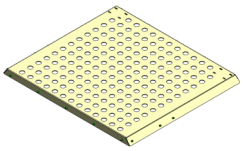
Attach the Side Mounting Plate to the side filler using 1/4-20 x 3/4” countersink screw. **Repeat** for opposite side.



Step 10
Upper Filler to Side Panel & Side Filler

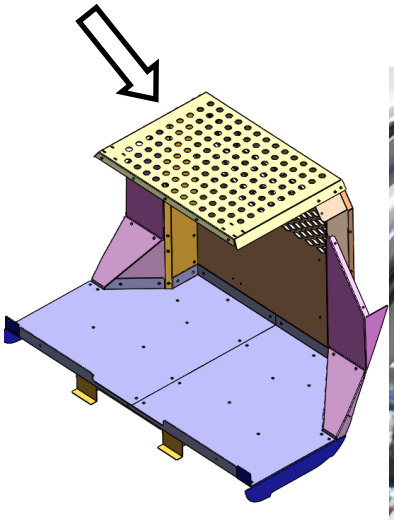


Using 1/4-20 x 3/4" countersink screws (x6) loosely secure the Upper Filler (834-5011A) to the Side Panel and Side Filler as seen in the figure to the right. **Repeat** for opposite side.

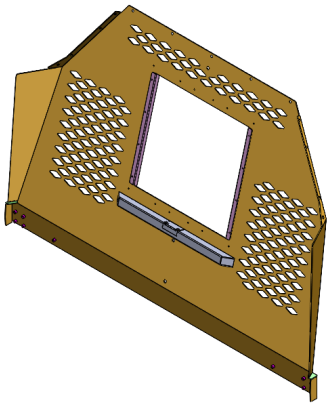


Step 11 (Requires 2 people)
Top Cover to Back Panel & Upper Fillers

Place the Top Cover (834-6157A) on the Back Panel and the Upper Fillers. Loosely secure using 1/4-20 x 3/4" countersink screws (x11).





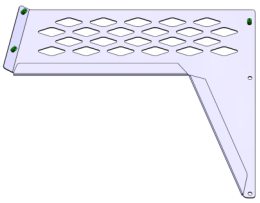


Step 12(Requires 2 people)

Front Panel to Top Cover, Bottom Tray and Side Tray

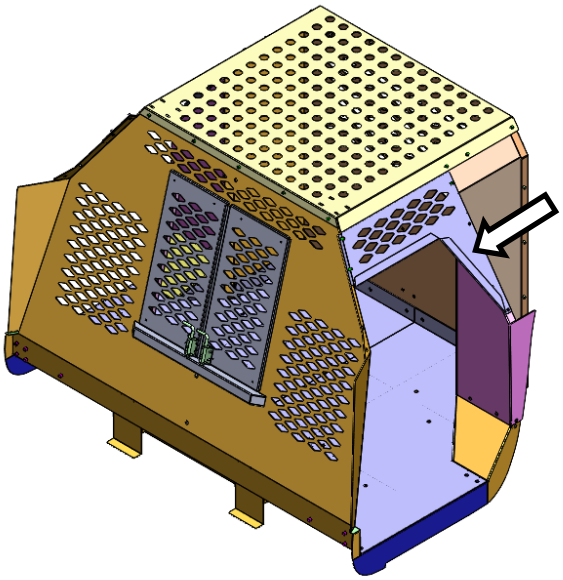
Carefully place the Front Panel (834-6159A) on underneath the lip of the top cover and on the outside of the Bottom Trays and Side Trays. Secure using 1/4-20 x 3/4" countersink screws (x15).





Step 13

Side Cover to Side Panel, Upper Filler & Front Panel



Secure the Side Cover to Side Panel, Upper Filler & Front Panel and secure using 1/4-20 x 3/4" countersink screws (x5). **Repeat** for opposite side.

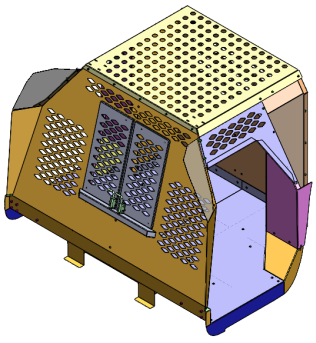
Step 14

Tighten all the 1/4-20 Countersink 3/4" screws that were installed from Step 5-13.



Step 15

Plexi Glass to Front Panel

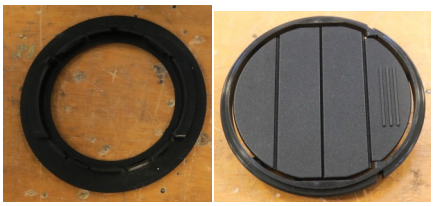




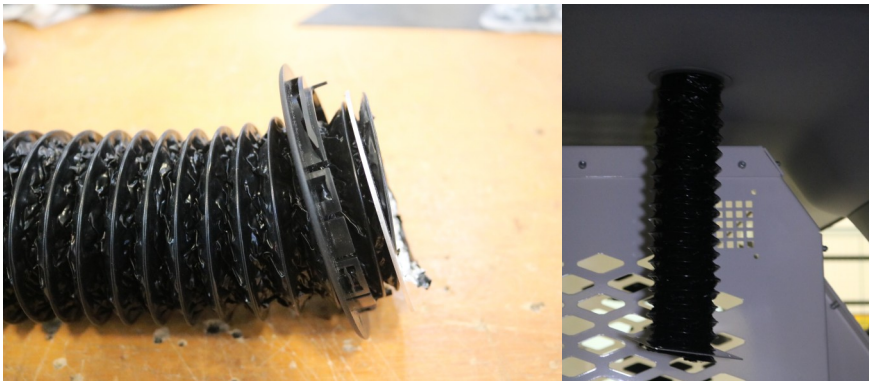
Using 10-32 x 3/4" Button Head Machine Screw(x2), #10 Flat Washer (x4) and #10-32 Nyloc Nut (x2) attach the Plexi Glass to the Front Panel. **Repeat on opposite side.**

Step 16
INSTALLATION OF K9 KENNEL VENTING SYSTEM

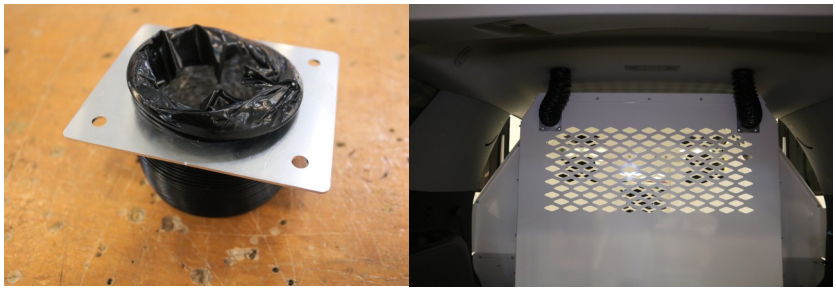
Remove the factory the vent located at the rear on the K-9 unit by turning them counter clockwise. Pry the two pieces apart, the one on the right should be keep for when the vehicle is returned to factory configuration, however it is not needed with the K-9 unit.



Step 17
Place the factory vent housing on the black tubing and then K9 Exhaust Roof Adapter (834-4651A). Insert back into the roof by turning it clockwise.



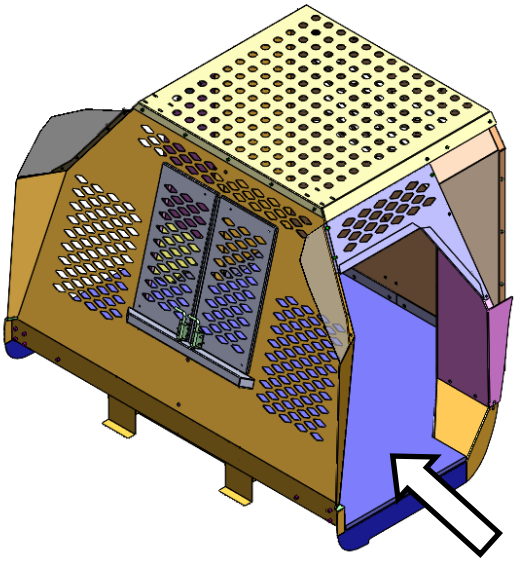
Step 18(Requires 2 people)
Thread the K9 Exhaust Kennel Adapter (834-4652A) on to the black tubing as shown. Attach the K9 Exhaust Kennel Adapter to the K9 unit using 1/4-20 3/4" Button Head Machine Screw (x4), 1/4-20 Lock Washer (x4), 1/4-20 Flat Washer (x8) and 1/4-20 Nyloc Nut (x4).

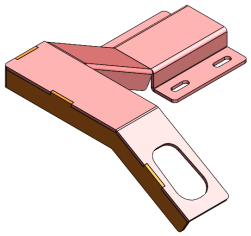


Step 19
Rubbing Matting

Place Rubber Matting in vehicle. **CAUTION HEAVY LIFTING REQUIRED.**

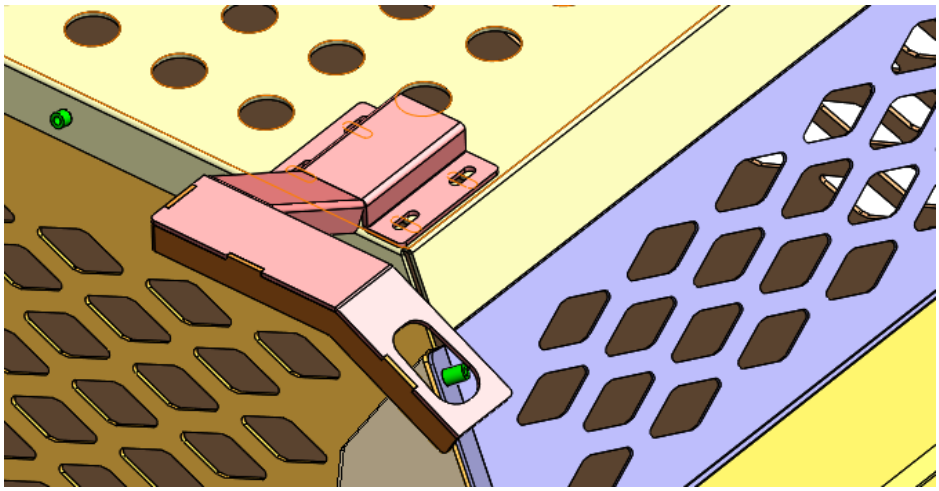


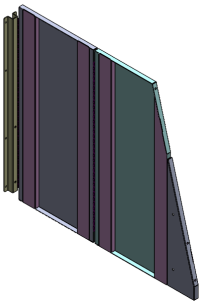




Step 20

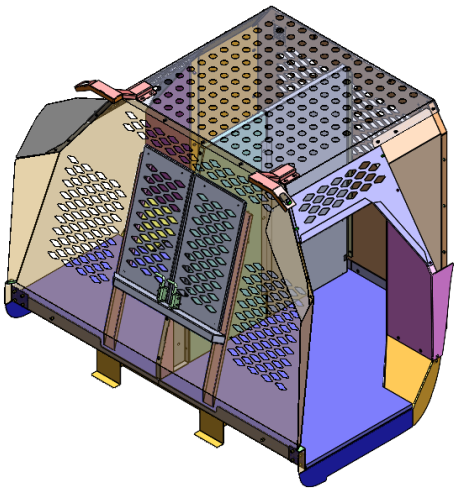
Use the OEM roof hook and hardware to hold top of roof mount in place. Four 1/4-20 x 3/4” carriage bolts, 1/4 washer and 1/4 nyloc nuts are used to secure bottom end to the top of the K9. Repeat on opposite side.





Step 21
Divider

Carefully lift the center divider into the K9 Kennel. Unfold the divider and secure using 1/4-20 x 3/4” hex head screw (x8), 1/4 flat washer (x8) and 1/4 lock washer (x8). Place a desire position either opened or closed and secure in position using the provided hardware





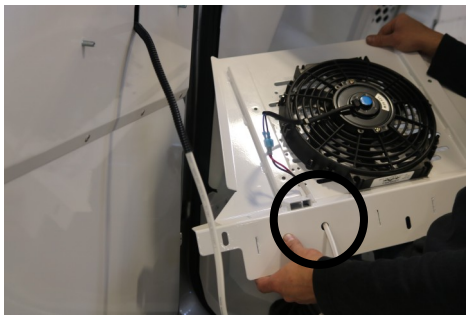
Step 22
INSTALLATION OF THE THE DOOR SKIN TO DOOR



Carefully lift the Door skin on to the factory door frame placing the edge into the window channel. Ensure the door skin is properly placed before letting go. Secure using #10 Self Tapping Screws (x9). **Repeat for opposite side.**

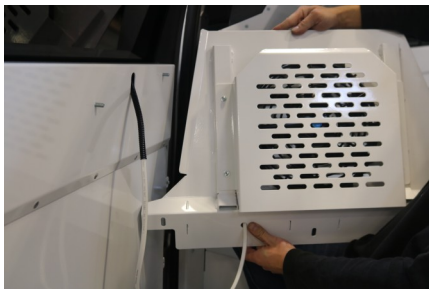
Photos from 2020
(Installation is the same)

Step 23(Optional)
K9 Cooling Fan



Install K9 cooling fan on the window guard using the four mounting points. Next feed the wire through the hole indicted in the figure. **Repeat for opposite side.**

Step 24



Place the fan cover on the window guard and secure using #10-32 x 3/4" Button Head Machine Screw(x4), #10 Lock Washer,(x4) #10 Flat Washer(x4).

Step 25



Using 1/4-20 Nyloc Nuts (x3) and 1/4-20 Flat Washers (x3). Use slots to adjust alignment of window guard with K9 door opening. Tighten when satisfied with fit. **Repeat Steps 19-22 for opposite side.**

Tighten down all the hardware and installation is complete.

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 center. 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 other warranties, expressed or implied, 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.

D&R ELECTRONICS Co. LTD.

CANADA

8820 George Bolton Pkwy.
Bolton, Ontario L7E 2Y4

Tel.: (905)951-9997
Fax: (905)951-0019

USA

2299 Kenmore Ave
Building #3, Doors 11-1
Buffalo, NY, 14207

Toll Free 1-800-538-7338

www.dandrelectronics.com