

# PRISONER TRANSPORT INSTRUCTIONS for CHEVROLET EXPRESS VAN PT-C01-100-2A

**TOOLS REQUIRED:**

Standard and Metric Socket Sets	Awe or Scribe	Tape Measure
Impact Gun (recommended)	Pry-bar	Caulk gun
Drill & drill bits	Wire Cutter / Crimping tool	Utility knife
Phillips Screwdriver	Circular Saw (for plywood)	Countersink tool

**HARDWARE KIT # KKM007452 - 60" or Rear Compartment:** *(Some hardware not used in all applications)*

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART #</u>	<u>USED FOR:</u>
60	1/4" x 3/4" Carriage bolt	GSM32026	Main Housing
80	1/4" Serrated nut	GSM30170	Main Housing
50	#10 x1-1/4" Phillips pan head sheet metal screw	GSM33197	Floor/wall to ceiling
12	#10 x 3/4" Phillips flat head screw	GSM34156	Vent plates/dome lights
10	#10 x 1/2" Phillips flat head screw	GSM33150	AC cover to wall (driver side rear)
32	1/4" x 3/4" Phillips flat head machine screw	GSM33087	Wall/Bench extension
25	1/4" x 3/4" Hex head bolt	GSM32980	3 <sup>rd</sup> divider, 3 <sup>rd</sup> ceiling
25	1/4" Flat washer	GSM31000	3 <sup>rd</sup> divider, 3 <sup>rd</sup> ceiling
15	1/2" Flat washer	GSM31009	Grab straps/seat belts
15	1/2" Lock washer	GSM31030	Grab straps/seat belts
15	1/2" x 1-3/4" Socket button head bolt	GSM33315	Grab straps/seat belts
5	Mounting /Backing plate	KKM007376	Bulkheads
5	3/8" x 2-1/4" Grade 8 Hex head bolt	GSM34023	Bulkheads
5	3/8" Grade 8 Hex nut	GSM30171	Bulkheads
5	3/8" Lock washer	GSM31028	Bulkheads
5	3/8" x 1" Fender washer	GSM31144	Bulkheads
5	3/8" x 1.625" Fender washer	GSM31149	Bulkheads
1	White Silicone tube	PRM97343	Seams & Gaps
4	Lock key	PRM97660-1	Doors
4	Vent block off plate	KKM0403-004	Ceiling (vent adapter kit)
1	Dome lights (two per kit)	KK-DOME-2-LED	Ceiling
1	LABEL - HEAD RESTRAINT	CM007098	Dash
4	LABEL - GRAB STRAPS	KKM99090	PT compartment walls

**HARDWARE KIT # KKM007453 - 40" Forward Compartment:**

90	1/4" x 3/4" Carriage bolt	GSM32026	Main Housing
90	1/4" Serrated nut	GSM30170	Main Housing
40	#10 x1-1/4" Phillips pan head sheet metal screw	GSM33197	Floor, wall to ceiling
12	#10 x 3/4" Phillips flat head screw	GSM34156	Vent plates/dome lights
5	1/2" Flat washer	GSM31009	Grab straps/seat belts
5	1/2" Lock washer	GSM31030	Grab straps/seat belts
5	1/2" x 1-3/4" Socket button head bolt	GSM33315	Grab straps/seat belts
2	Vent block off plate	KKM0403-004	Ceiling (vent adapter kit)
1	Dome lights (two per kit)	KK-DOME-2-LED	Ceiling
1	LABEL - SAFETY-DRIVE W/ CAUTION	KKM99091	Dash

**OTHER PARTS SHIPPED LOOSE FOR INSTALLATION:**

11	Grab Strap	KKM99068	Bench top
8	Seat belt	PT-A-901	Bench top
4	Seat divider	PT-A-907	Bench top
24	3/16 x .375-.500 Flange Rivets	GSM32101	Seat divider to bench top
2	Door holder assembly (one for each door)	KKM0405-026	Door stop
4	10-32 Keys nut	GSM30123	Door holder bracket
4	10-32 X 3/4 Phillips pan head machine screw	GSM33119	Door holder bracket
12	#10x1" Phillips pan head sheet metal screw	GSM33183	Floor
1	Rear sill plate	PT-A-301	Rear trim
2	Door holder kit	KKM0405-026	Door holder
1	Side step	PT-A-201	
1	Rear step	PT-A-101	
1	Floor extension Chevrolet	KKM007550	Front floor to van wall
1	Lower wall trim	KKM007551	Lower wall

**Always!**

- Read all instructions before installing any Havis, Inc. products.
- **Check for obstructions (Wires, brake lines, fuel tank, etc.) before drilling any holes!**
  - Use hardware provided with install kit

**VEHICLE PREPERATION:**

**1. STEPS, HVAC, VENT ADAPTOR, OPTIONS, ETC:**

- Refer to the specific install instructions. Installing the steps prior to installing the transport insert will ease installation and **must be done on Chevy and Dodge side step.**
- Installing options may be necessary prior to installing the kit.

**2. SOUND DEADENING & FLOORING:**

- **1/2" or 3/8" plywood is always recommended** to cover the entire cargo floor of the van. (1 1/2) – 48" x 96" sheets of plywood are needed. Havis, Inc. does not supply plywood floor kit. **See vehicle specific information in the PT-A-3XX instructions.** Details in these instructions will indicate the starting point / mounting location of the kit.
- **OPTIONAL # PT-A-904** self-adhesive sound deadening wall insulation is sold separately and will help deaden road noise.
- 54" x 30 foot roll of material is simple cut with a razor knife. Peel and stick to walls and ceiling.

**Unpacking and Parts Identification:**

**Note: Unpacking photos are for reference only. Some photos show double or triple compartment parts not used in the single compartment insert.**

Cheek Chock seat divider

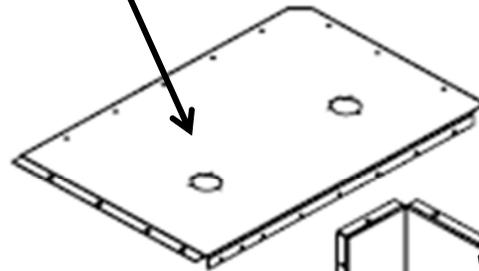
PT-A-907



Grab Straps  
KK99068

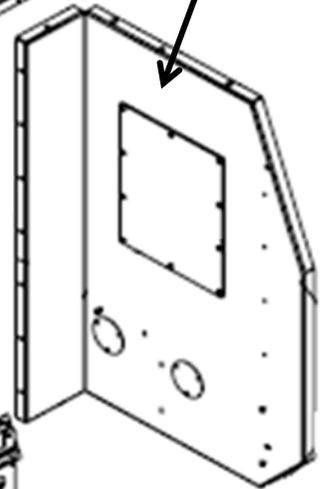
Front extension ceiling

KKM007504



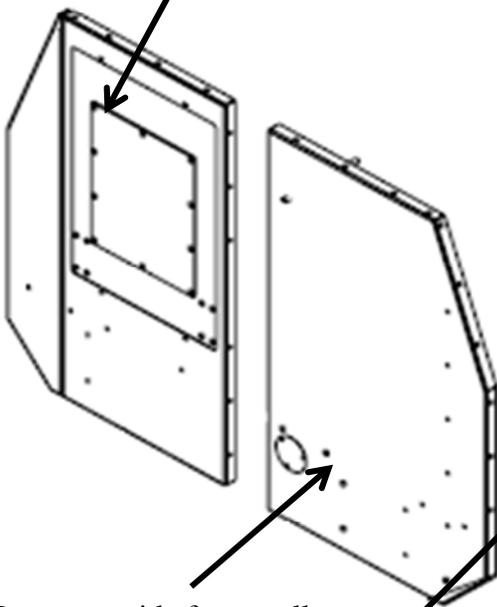
Front bulkhead

KKM007502



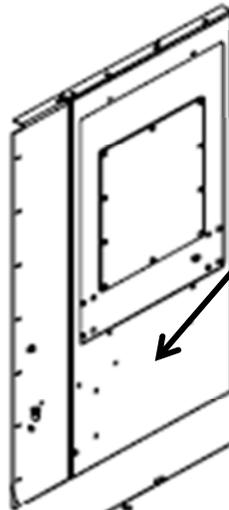
2nd Compartment half bulkhead

KKM007515



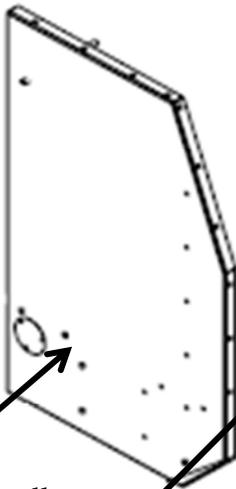
2nd Compartment side wall

KKM007498



Passenger side front wall

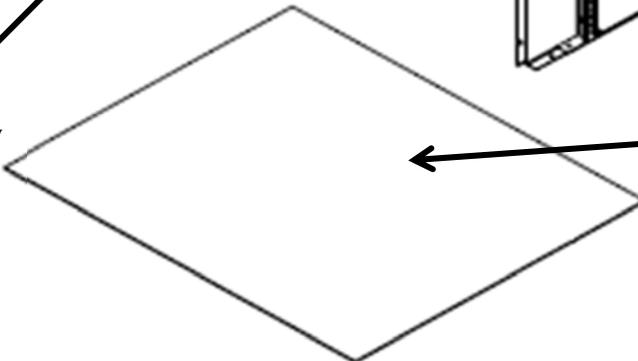
KKM007495



Bench and cover assembly

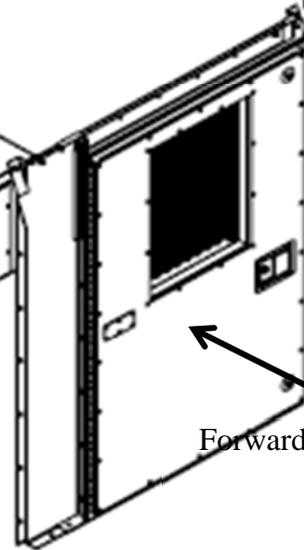
KKM0401-04

KKM0401-05



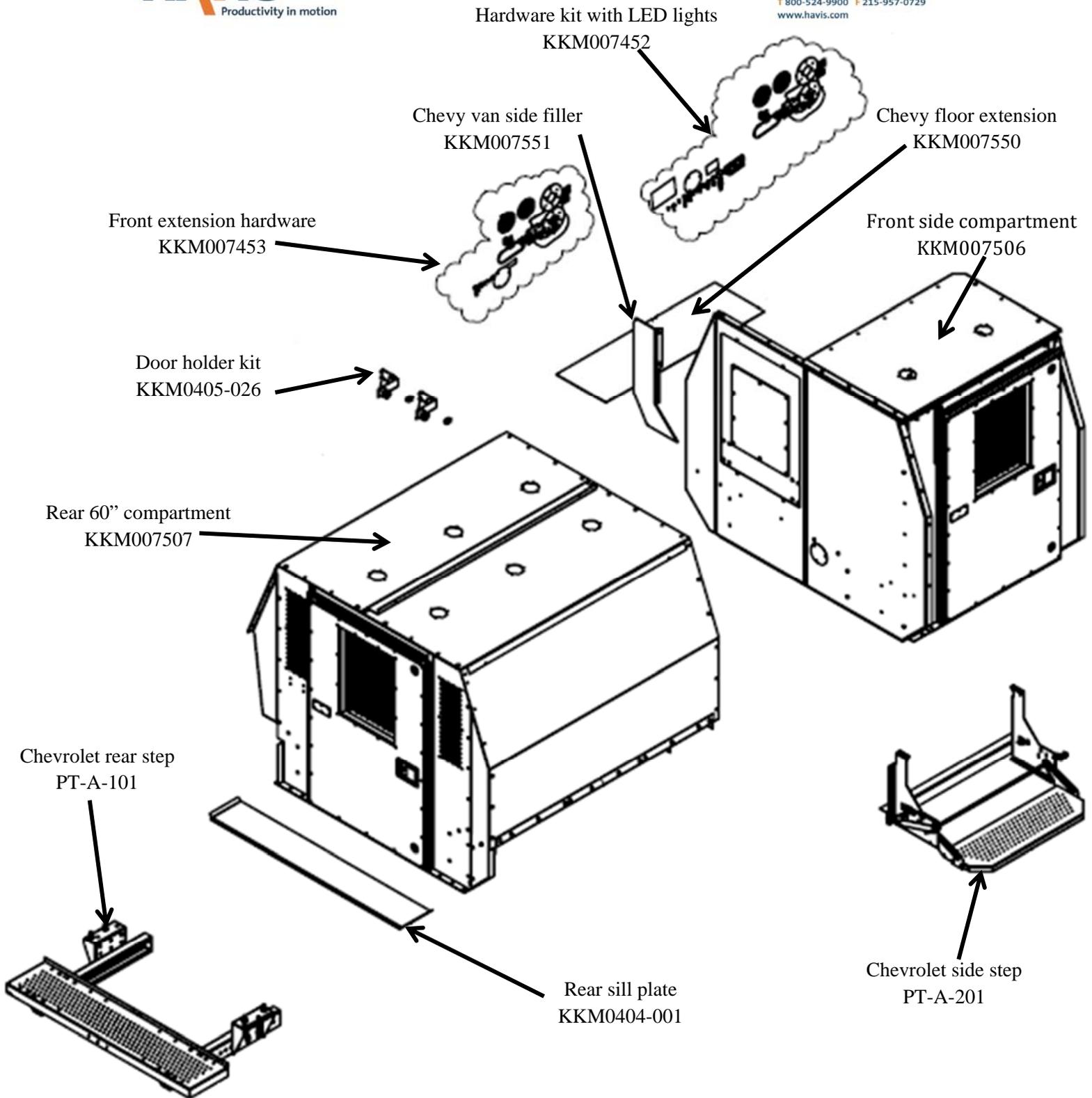
Forward compartment door assembly

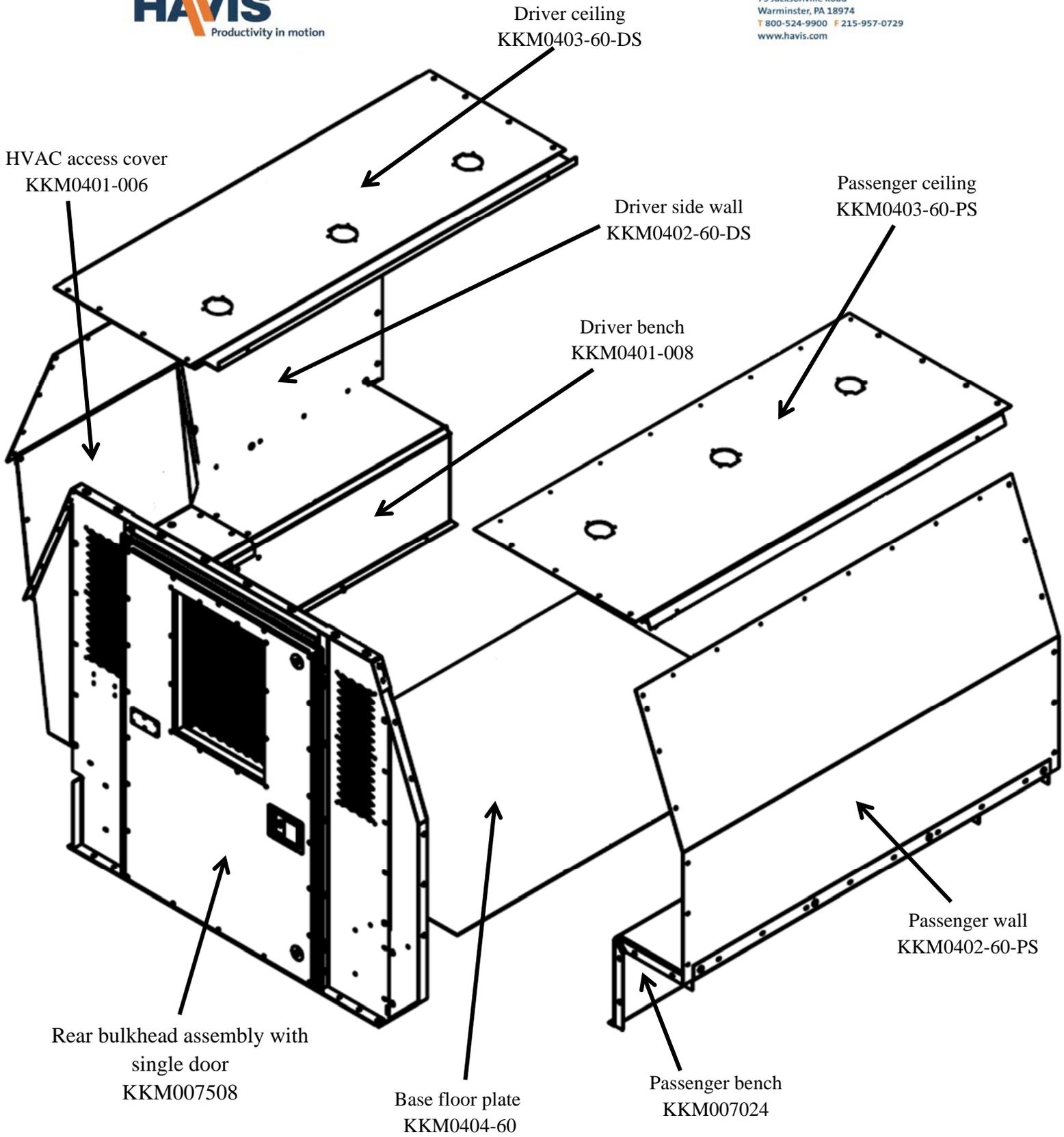
KKM007443



Front floor extension

KKM007503







1. Remove clear shrink-wrap covering the prisoner transport assembly.
2. This is the rear 40/60/or 80 section of the kit.
3. Remove all black hardware, wood panels and brackets holding wood panels.
4. Remove bolts holding the kit to the wood pallet.
5. With all hardware removed the remaining sections should match the sub-assemblies on the following pages



1. Remove clear shrink-wrap covering from prisoner transport assembly.
2. This is the 3<sup>rd</sup> compartment, 40 section
3. Remove all black hardware, wood fillers, and brackets holding assemblies.
4. Remove bolts holding the kit to the wood pallet.
5. With all hardware removed the remaining sections should match the sub-assemblies on the following pages



**Remove all black hardware from assembled unit. This will give you the subassemblies as they are shown on the following pages.**

**Your kit may vary from what's shown below.**



**IMPORTANT:**

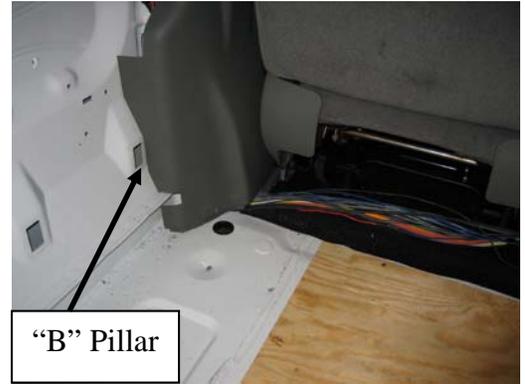
***Be sure that all Auxiliary lighting, video systems, options, and wiring are complete. Access is limited after insert is installed.***



If optional rear load light(s) (PT-A-905) was ordered, install at this time.  
*See PT-A-905 install instructions*



Run all wiring for dome lights, power vents, video system, HVAC, etc. at this time. Tie to existing OEM harness



For neatness of wiring, route all cables down driver-side "B" pillar. From this location, wires can be run to center console, under dash or to battery location.



Be sure to tape harnesses to roof in approximate locations that accessories are being installed into insert. This will vary between the different model kits.



Install PT-A-4XX HVAC or PT-A-5XX at this time. This must be installed prior to insert.



If optional Power Vent(s) (PT-A-903) was ordered, see those specific instructions for necessary prep work that may need to be

**Dome Light Note:** 80" long inserts include two (2) LED dome lights.

100" and 120" long inserts include four (4) LED dome lights.

4.25" diameter block off plates are included to cover unused ceiling holes.

Additional dome lights can be purchased separately if desired. **Order part number PT-A-912**



Assemble benches prior to installation.

*See PT-A-301 for plywood placement and trim modifications*



Place **Driver-side Bench/Wall** assembly into van so bench rests on wheel well



Place **Passenger-side Bench/Wall** assembly into van so bench rests on wheel well



Install floors that it rests on the lower lips of the bench.



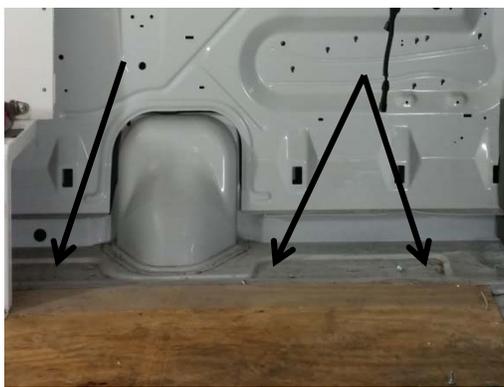
Place ceilings inside van



Slide the ceiling sections out of the way in order to access A/C hoses, wires, etc. *Note: These components will be hard to access once ceiling is mounted. Remove*



With an extra set of hands place the rear bulkhead into the van and loosely secure with 1/4" carriage bolts and 1/4" nuts.



Install a few pieces of plywood towards the driver wall so the floor extension can rest on it.



Slide the floor extension into the van and line up to the driver side floor filler. Keep tight with rear floor.



Place driver side small floor filler into the van and line up to the driver side wall. Keep tight to other floor.

**NOTE:** This small trim piece will need to be cut to match contour of fuel fill guard.



Install driver front bulkhead into the van. Attach to the driver side wall and bench using 1/4"x 3/4" carriage bolts and nuts.



Install passenger mid wall into the van. Only attach carriage bolts through the bench and wall.



Install 2nd compartment center side wall filler panel between passenger mid wall and bulkhead. Insert carriage bolts through the slots with the nuts towards the driver.



Tighten hardware



Slide the 2<sup>nd</sup> compartment rear wall and front bulkhead into the van and attach to previously installed panel.



Position the 2<sup>nd</sup> compartment ceiling into the van. Loosely attach a few bolts immediately to keep the ceiling from falling.



Loosely attach ceiling to passenger front wall and passenger rear ceiling. Bolt the pieces together with four (4) 1/4" x 3/4" bolts and washers.



Place 2nd compartment bench  
*Photo shows optional storage door*  
**Note: Be careful not to scratch bulkheads.**



Bolt 2nd Compartment Bench to second compartment side wall using 1/4" x 3/4" carriage bolts and serrated nuts. Nuts should be on the inside of the bench



Install the side door frame into the van. It will line up the ceiling and front bulkhead and wall.



Once it is lined up to the passenger front wall install 1/4" carriage bolts and 1/4" serrated nuts.



Use an alignment tool or an awl to line up upper door frame to ceiling.



Once the door frame is lined up secure with sheet metal screws. Pre-drill diamond plate floor (only) and attach using #10 x 1.25" Phillips pan head sheet metal screws. (Approx. 10)



Attach the remainder of floor. Pre-drill diamond plate floor (only) and attach using #10 x 1.25" Phillips pan head sheet metal screws. Drill 4 evenly spaced rows keeping the screws approximately 10" apart (Approx. 28)



Pre-drill diamond plate floor (only) and attach using #10 x 1.25" Phillips pan head sheet metal screws. (Approx. 20)



Extra hose can be installed into rear insert.



Install the lower filler panel (KKM007548).



Install the emergency exit hatches and make sure the slide locks are fully secured.



Align doors and install door stops.



3/8" x 2" hex head bolt, flat washer, backing plate, lock washer, and nut



Drill a 3/8" hole through the frame, 1/2" plywood, and floor of vehicle. Attach using 3/8" x 2" hex head bolt, flat washers, backing plate, and nut.



Secure the Front Bulkhead. Drill a 3/8" hole through the frame, 1/2" plywood, and floor of vehicle. Attach using 3/8" x 2" hex head bolt, flat washers, backing plate, and nut.



Silicone all seams and joints. This will allow the unit to be hosed out.



Mount Seat Belts and Grab Straps to bench with 1/2" x 1-3/4" bolts, lock washers and flat washers.

Install seat dividers as per PT-A-907 instructions.

**Note:** Seat divider should be placed 1/2" back from seat front bend



Drivers side rear Seat Divider must be mounted rearward of the Seat Belt / Grab Strap mount hardware. All other Dividers will be in line with belt hardware.



Side / 2<sup>nd</sup> compartment bench is not as deep as other benches.

Make sure you position the divider to allow space for mount hardware. **Note: Depending on how the end user chooses to use the side / 2<sup>nd</sup> compartment, installation of the seat divider may not be desired in this small compartment.**



Attach Safety label to dash  
**Drive with Extra Caution While Transporting Passengers**



Attach additional Safety labels to the door of the forward compartment.

**Hold onto Straps While Vehicle is in Motion**

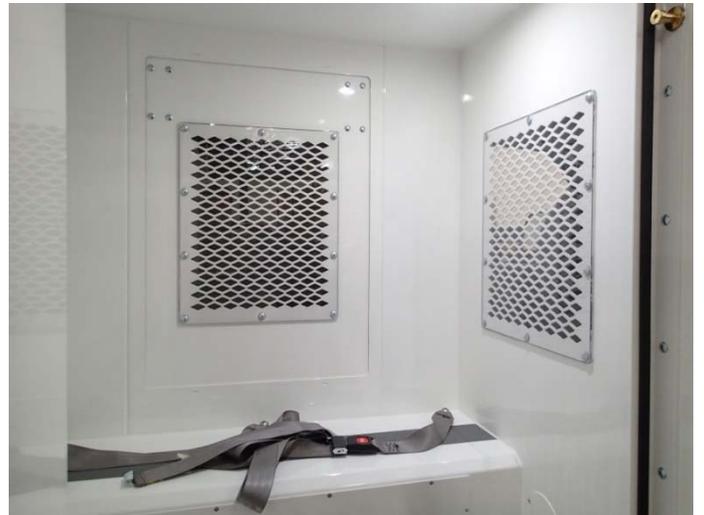


Attach Safety label to dash  
**The Adjustable Head Restraint is a Safety Device. Adjust the Head Restraint as per Owner's Manual Prior to Operating This Vehicle.**

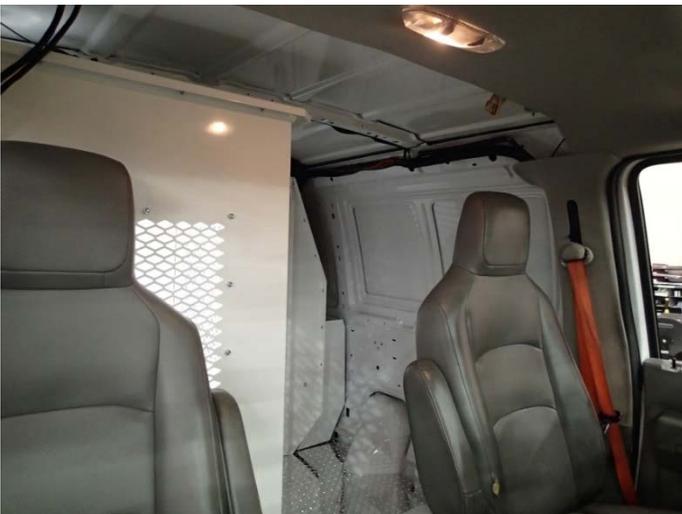
Photos of completed Retrofit kit installed. (Photos show Ford Econoline van)



Rear compartment



Side compartment



Forward storage and emergency exit area