

# INSTALL INSTRUCTIONS for PT-A-503 FORD TRANSIT VAN with OEM Optional Rear HVAC (Ford Code 57G) REAR AIR VENT ADAPTER KIT

## TOOLS REQUIRED:

Ratcheting Wrench  
Standard & Metric Socket Set

Screwdriver set  
Wire cutters

## HARDWARE:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART #</u>
1	Heat Adaptor	KKM006916
1	AC Adaptor	KKM006915
7	A/C Ventilation cover	KKM0403-001
1	“Y” Air Duct connector	PRM97483
50	2.5” Air Duct Hose	PRM97475
16	Hose Clamp	GSM20045
1	Gimp with Foam Sealing Strip	GSM35100
2	Rubber Cushioned Loop Clamp	GSM20096
20	15” Wire Tie	GSM20036
1	Vent Cap	PRM97503
2	Screw 1/4"x3/4”	GSM33001
2	1/4" Washer	GSM31005
2	1/4" Serrated Nut	GSM30023
4	#10 x 3/4” Screw	GSM33185
4	#10 Washer	GSM31003
2	10-32 Nylock Nut	GSM30015
2	10-32 x 1/2 screw	GSM33118

**Note:** This kit includes 50 feet of 2.5” air duct hose (PRM97475) for the rear air conditioning and heat blowers. Make sure you carefully measure and double check necessary lengths before you cut each vent hose.

## Always!

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



View of OEM rear Air Conditioning unit before install



Remove the upper vent cover completely. It will not be re-used.



Install the vent adaptor (KNM006915) onto the blower motor of the OEM rear AC unit using four (4) #10 x 3/4" screws.



Attach the Air Conditioning hose and clamps to the plenum assembly



Run a single long length of hose and attach the "Y" and split the hose into two vents in driver and passenger side front ceiling. This will provide a total of four ceiling vents.



This shows the rear access panel removed and the factory AC system. This cover is easily removable for serviceability in the event of failure.



While installing the ceiling into the kit be sure to fish the hoses into the appropriate holes for install.



Route hose into ceiling holes and **cut off any extra slack..** Attach the hose to the vent bracket using a 3" hose clamp



Align the three mount holes of the vent adapter cover with the pre-punched holes in ceiling. Attach each vent to ceiling using #8 x 3/8" flat head sheet metal screws. **(Screws included with standard insert hardware)**





View of front OEM heat blower motor assembly. Located underneath passenger front seat.



Attaching the heater hose and clamps to the front plenum assembly (KKM006916) before installing is recommended.



If you're not installing a 3 compartment kit then you will need to install a vent cap (PRM97503) on one of the outlets in the plenum.



Install the plenum (KNM006916) to the blower motor using two (2) 1/4" x 3/4" bolts and 1/4" serrated nuts. **(Plenum shown without hoses to show hardware)**



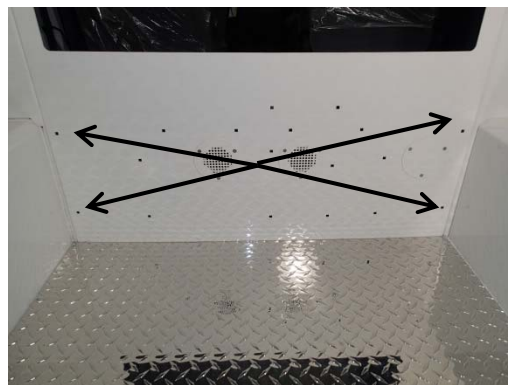
If installing a 3 compartment kit you will need to run a hose through the middle hole in the bulkhead. This will allow the hose to run underneath the bench and attach to the middle bulkhead. Run gimp around the hole in the front bulkhead before running the hose through.



On the one and two compartment kits you will need to use the vent block off (KKM0403-004) on the opening closest to the passenger side of the kit



Optional PT-A-504 cover  
(see parts list below)



Attach KKM006927 cover using four (4) 1/4" x 3/4" carriage bolts (GSM32026) and four (4) 1/4" serrated nuts.



**NOTE:** If retrofitting a Prisoner Transport out of an older van the following modification will need to be made to the rear bulkhead to clear the factory or aftermarket blower motor assembly. Approximately 8" x 1.25" must be cut out of the left side of the bulkhead.

## **HVAC Notes:**

### **For PT-F03-100-2B/PT-F03-100-2B/PT-F05-120-2B and PT-F06-120-2B inserts:**

1. If installing PT-A-503 vent adaptor kit, the heater ductwork for rear compartment must be routed through front bulkhead, side bench, middle wall and finally attach to vent on driver side bench. See PT-A-503 for other installation details.
2. Removing the clear polycarbonate from middle wall hatch will improve HVAC temp control in both compartments.

# **INSTALLATION INSTRUCTIONS FOR** **OPTIONAL PT-A-504, 505 and 506 COVERS for** **FORD TRANSIT VAN HEATER BLOWER HOSE ADAPTER KIT**

**TOOLS REQUIRED:**

Ratcheting Wrench  
Power Drill

Standard & Metric Socket Set  
Phillips Screwdriver



## **PT-A-504**

1-Bulkhead Hose cover	KKM006927
4-1/4" Carriage Bolt	GSM32026
4-1/4" Serrated nut	GSM30170

See install details above



## **PT-A-505**

1-Bulkhead Hose cover	KKM006927
1-20" Floor Hose cover	KKM006929
4-1/4" Carriage Bolt	GSM32026
4-1/4" Serrated nut	GSM30170
6 - #10 x 1" Screw	GSM33183

Drill floor and attach cover with 10 x 1" Screws



## **PT-A-506**

1-Bulkhead Hose cover	KKM006927
1-20" Floor Hose cover	KKM006929
1- 18" Floor Hose cover	KKM006928
4-1/4" Carriage Bolt	GSM32026
4-1/4" Serrated nut	GSM30170
12 - #10 x 1" Screw	GSM33183

Drill floor and attach cover with 10 x 1" Screws