

## INSTALLATION INSTRUCTIONS for PT-A-501 CHEVROLET VAN REAR AIR VENT ADAPTER KIT

### TOOLS REQUIRED:

Screw Driver Set  
Ratcheting Wrench Set  
Standard Socket Set

Power Drill  
Drill Bit Set  
Safety Goggles

### HARDWARE / COMPONENTS:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART #</u>
1	Heat/Cool Adaptor box assembly	KKM01152
1	Chevy Heat/Cool Box mounting channel	KKM01147
1	Chevy Rear Air Hose Adapter	KKM01148
10	Hose Clamps 3"	GSM20045
2	4" Hose Clamps	GSM20042
1	4" Diameter Hose	GSM40100
4	Vent cover w/ hose adapter assembly	25567
1	2 ½" "Y" Duct Connector	PRM97483
29	2 ½" Air Duct Hose	PRM97475
20	#10 X ¾" Sheet Metal Screws	GSM33185
20	#10 Star Washers	GSM31134
20	#10 x ¾" Flat Head Sheet Metal Screws	GSM34151
20	15" Wire Tie	GSM20036



### 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

**Note:** *This procedure must be done PRIOR to the Prisoner Transport insert installation and is recommended to check the flow of Air through the hoses prior to installation of the insert.*

### **SUBASSEMBLY:**

1. Remove all necessary parts from shipping packages and verify parts.
2. Remove AC and Heat plastic vents from OEM - HVAC blower ducts.
3. If vehicle has full rear trim, you must remove trim panels around the OEM - HVAC unit including ductwork / headliner. NOTE: The front portion of headliner can be cut off and reused as front ceiling trim after complete kit is installed.

### **INSTALLATION:**



There are two (2) ducts on the factory HVAC unit. One at rear is for air conditioning and one forward is for heat. The 4" blue hose connects heat into the new plenum.



Connect Plenum (rectangle blower adaptor) to the O.E.M. blower ducts using #10 x 3/4" Sheet Metal Screws and #10 star washers.



Route HVAC 2 1/2" blower hoses to the approximate locations with tape along ceiling where they will be installed into the ceiling after insert is installed. Mount hoses with wire ties at wall and ceiling corners only. Leave enough slack to reach hoses for permanent mounting.



Attach the "Y" duct hose adaptor to the 8 foot front duct hose and connect both 4 foot hoses from "Y" to vents in driver and passenger side front ceiling. This will provide a total of four ceiling vents.



Route hose straight up from the HVAC unit and tie tight to corner of the van



When routing the hoses, tie together using 15" wire ties, to keep a neat and tight fit to the wall of the vehicle.  
*This will minimize the risk of damage when installing insert*

Check that airflow through hoses is working properly.

With hoses routed to locations, proceed to install transport insert until you come to the ceiling instructions. Be sure not to puncture the hoses with screws, drill bits, etc...

Attach ceiling pieces on transport insert, routing hoses into the corresponding holes in ceiling. Pull through to minimize slack.

Check airflow again.



After Aluminum insert is installed and tested, attach cover plate to bench / wall to cover OEM Rear AC/Heat Unit using #10 Sheet metal screws.



During transport insert installation you will be prompted to return to the PT-A-501 instruction to attach the hose to the vent adapter brackets. Route hose into ceiling holes and cut off any extra slack.

Attach the hose to the vent bracket (25567) 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 transport insert hardware)*