

INSTALL INSTRUCTIONS for **KK-F-VAK** FORD VAN 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/Cool Adaptor box assembly	KKM01152
1	Ford Rear Air Hose Adapter	KKM01153
1	Ford Heat/Cool Box mounting channel	KKM99071
10	Hose Clamps 3"	GSM20045
2	4" Hose Clamps	GSM20042
4'	4" Diameter Hose	GSM40100
4	Vent cover w/ hose adapter assembly	KKM0403-001
1	2 ½" "Y" Duct Connector	PRM97483
1	2 ½" Air Duct Hose 8 foot length	PRM97475
1	2 ½" Air Duct Hose 7 foot length	PRM97475
1	2 ½" Air Duct Hose 6 foot length	PRM97475
2	2 ½" Air Duct Hose 4 foot length	PRM97475
20	#10 X ¾" Sheet Metal Screws	GSM33195
20	#10 Star Washers	GSM31034
20	#10 x ¾" Flat Head Sheet Metal Screws	GSM34151
20	15" Wire Tie	GSM20036

Always!

- Read all instructions before installing any Havis-Shields Equipment Corp products.
- Check for obstructions (Wire, brake lines, fuel tank, etc.) before drilling any holes!
- Use hardware provided with install kit
- For product support, visit the Install Instructions Section of our website at <http://havis.com/Installation/Installation.html>, email technicalsupport@havis.com or call 1-800-524-9900.





Remove the hex head screw on the vent cover



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



Remove the hex head lag bolt located above the blower motor of the OEM rear HVAC unit



Remove the hex head lag bolt holding the intake cover of the OEM rear HVAC unit



Remove the hex head screws on the intake cover



Remove the intake cover. Intake cover will not be re-used.



Attach the HVAC hose and clamps to the plenum assembly



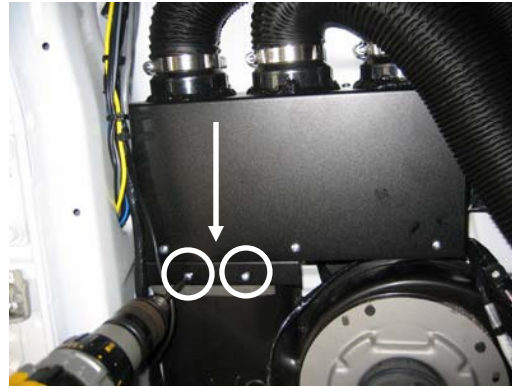
View of the components at this point of the installation



Place the unit as shown above



Align the assembly so the hole in the assembly lines up with the "J clip". Re-attach using the hex head lag bolt removed earlier



Attach the (2) #10 x 3/4" sheet metal screws at the location shown above. Pre-drill 1/8" hole



At the intake side of the OEM unit, attach the hose plate as shown above using (2) #10 x 3/4" sheet metal screws



Tighten the clamp that holds the hose to the assembly
Now the HVAC adapter kit is fastened to the OEM unit.



Attach the intake hose and clamp to the HVAC adapter box



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 Kwik-Kit*



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



Route HVAC 2 1/2" blower hoses to the approximate locations with tape along ceiling where they will be installed into the ceiling insert after Kwik-Kit 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.



During Kwik Kit installation you will be prompted to return to the KK-F-VAK 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 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 Kwik kit hardware)

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