

## INSTALL INSTRUCTIONS KK-K9-F14-K-PT K9/PRISONER TRANSPORTATION SYSTEM 2003-2009 FORD EXPEDITION

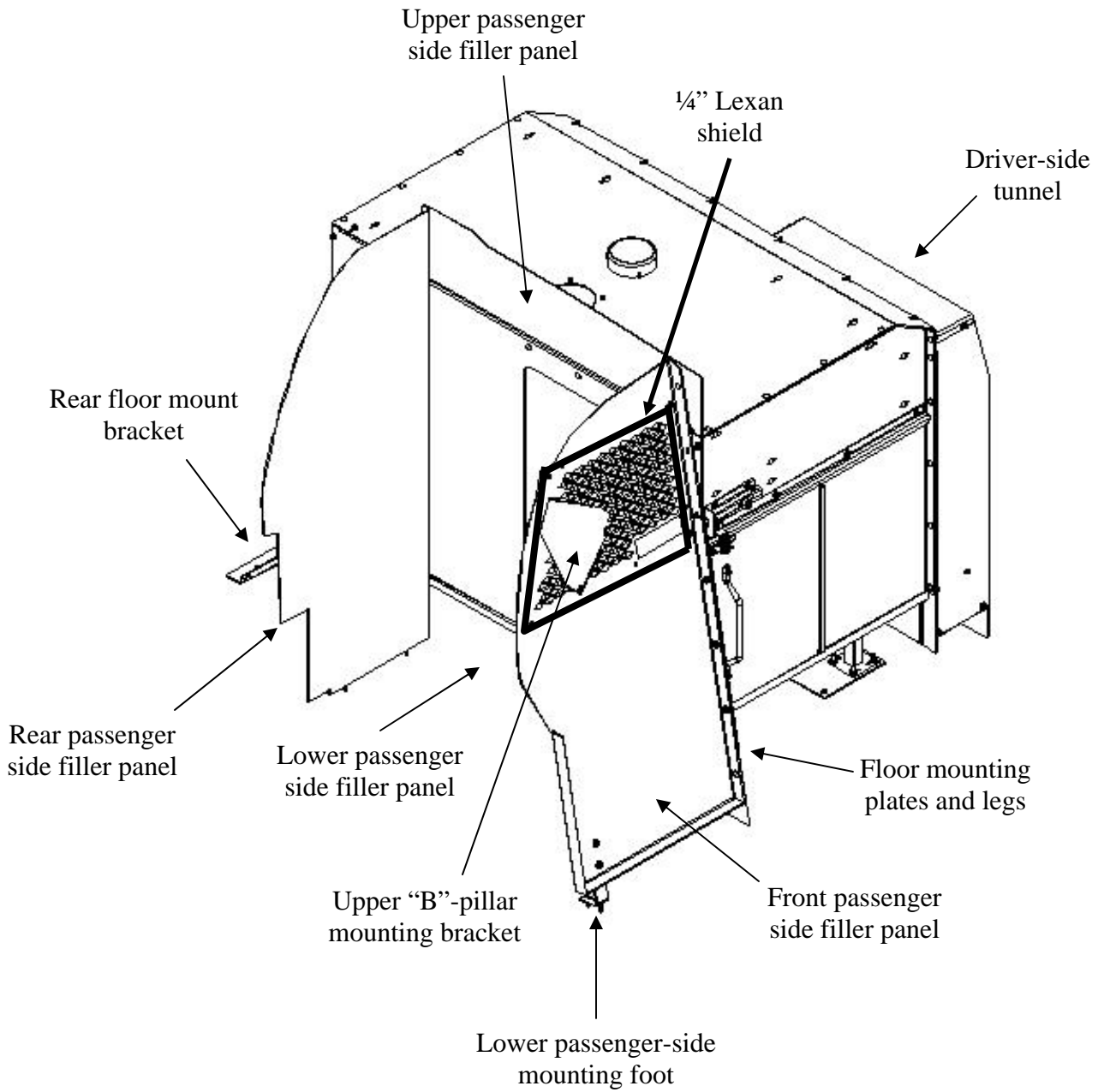
**HARDWARE:**

<u>QTY:</u>	<u>DESCRIPTION:</u>	<u>PART #:</u>
28	1/4-20 x 1/2" Stainless carriage bolt	GSM32022
8	1/4-20 x 3/4" Stainless carriage bolt	GSM32024
64	1/4-20 flanged serrated nut	GSM30023
6	1/4-20 x 3/4" Hex head cap screw	GSM33001
6	1/4" x 1 1/2" Hex head lag screw	GSM33062
36	#12 x 3/4" Stainless sheet metal screw	GSM34177
24	#10 x 3/4" Stainless sheet metal screw	GSM34170
12	#10 x 1/2" Stainless sheet metal screw	GSM34169
10	10-32 x 3/4" Stainless machine screw	GSM34098
6	#10 x 3/4" Sheet metal screw	GSM33195
1	Tube silver caulk	PRM97343
1	46" x 45 1/2" Rubber Floor mat	KNM01029-SUV
10	#10 x 1/2" Flat head sheet metal screw	GSM33150
1	1/4" Lexan shield/PT front partition	KNM001220

### 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](mailto:technicalsupport@havis.com) or call 1-800-524-9900.

**FORD EXPEDITION K9/PT COMBO KIT**





View of Expedition door panel



Remove plastic trim piece. Metal clips hold on trim



Remove window/lock switch assembly from door



Remove hex head screws holding lower section of door panel



Remove trim piece covering torx screws under door panel armrest and remove screws



Remove plastic door panel



Remove window switch and reconnect. Wire tie switch in safe location.

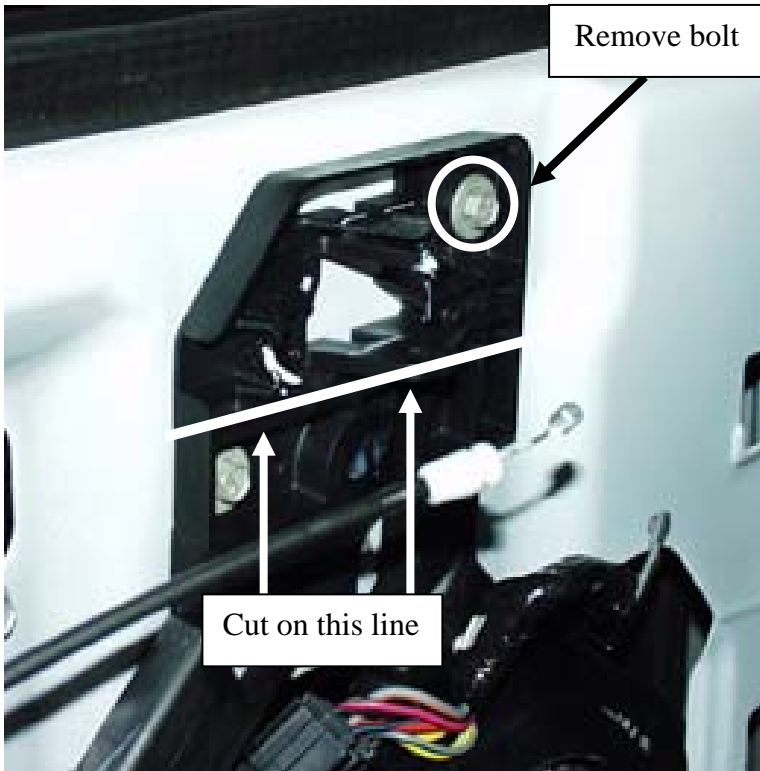


Recommended location for switch



Remove speaker from door panel. Remove screws and unplug connector

## 2006-2008 FORD EXPEDITION DOOR



1. Remove the specified bolt and cut on the line shown left.
2. The upper portion of the cut piece will remain off.
3. Save for vehicle re-sale.



Back seat configuration for Ford Expedition



Remove seat bolts from center and driver side Back seats.



Remove rear plastic storage compartment if included.



Leave passenger-side rear seat

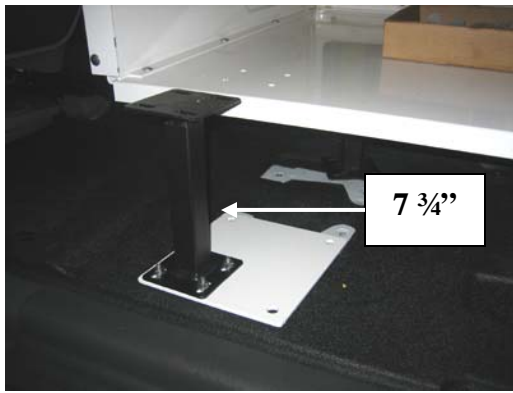


Attach the rear floor mount bracket to the K9 housing with  $\frac{1}{4}$  x  $\frac{1}{2}$  bolts.



Slide K9 section of assembly through back hatch of vehicle. *Be careful not to rip headliner or scratch trim panels.*

Note: Mounting plate straddles a ridge in the floor. When bolts are tightened the plate will form to the floor.



Sub-assembly mounting leg to mounting plate using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolts and serrated nuts. Set mounting leg assembly to  $7\frac{3}{4}$ "



Attach assembly to vehicle using OEM seat hardware and nutcerts in vehicle



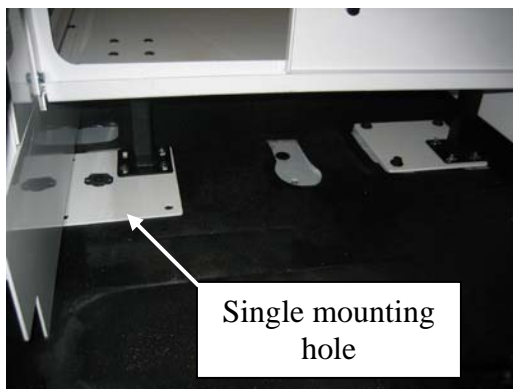
Attach assembly to K9 floor using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolts and serrated nuts



View of mounting foot from floor of K9



Adjust mounting foot until K9 unit is level within the vehicle



View of mounting feet from drivers' compartment



Place tunnel assembly as shown above



Attach tunnel to K9 assembly using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " and  $\frac{1}{4}$ " x  $\frac{1}{2}$ " carriage bolts and serrated nuts

*Note:  $\frac{3}{4}$ " bolts are used where (3) layer thicknesses of aluminum bolt together*



View of assembly at this time



Place front partition filler panel into vehicle as shown above



Position front partition as shown and attach to K9 housing assembly



Position 1/4" lexan shield  
Using holes in partition mark and drill shield Attach using 1/4" x 3/4" carriage bolt and serrated nut



Remove "B" pillar upper trim panel. Remove seat belt bolt



Remove bolt located behind plastic trim



Remove trim panel to access bolts for grab handle.



Remove grab handle



Grab handle removed



Install "B" pillar mounting bracket using bolts that hold grab handle. *(Re-installing the grab handle is optional)*



Attach "B" pillar mounting bracket to front partition using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolts and nuts



Install ceiling filler panel to passenger side of K9 housing using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolts and nuts



Attach ceiling filler panel to front partition using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolt and nut



View of ceiling filler from rear of vehicle



View of ceiling filler from passenger side rear door



Position rear partition through vehicles rear hatch



Location on inside of K9 assembly where rear partition will bolt to using  $\frac{1}{4}$ " x  $\frac{3}{4}$ " carriage bolts and nuts



Location where ceiling filler bolts to rear partition



Attach rear partition to floor of vehicle.



Pre-drill holes using 3/16" drill bit and attach using 1/4" x 1" Lag bolts



Attach front partition to vehicle using 6" L-mounting bracket. Bolt bracket to partition using 1/4" x 3/4" carriage bolts and nuts. Bolt "L" mounting bracket to vehicle using 1/4" x 1" Lag bolts. Pre-drill w/ 3/16" hole



Position floor filler panel to K9 housing, mark holes and pre-drill K9 housing using 1/8" drill bit



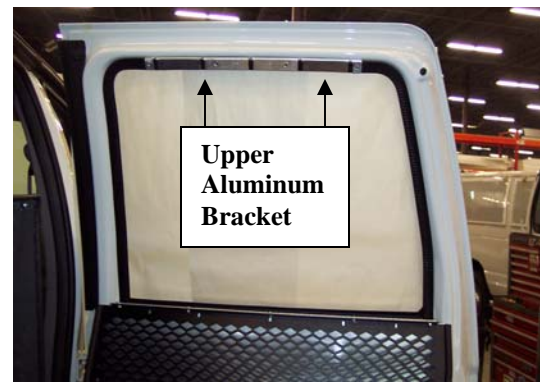
Attach to K9 housing using #10 x 3/4" sheet metal screws.



Center door panels so edges do not hang over. Attach to door with #10 x 1/2" stainless sheet metal screws.  
*Note: Window guards have holes around perimeter for permanent mounting. These holes are not used with hinge style window kits! They also come flat in shipping.*



The window guard must be pre-bent so it fits tight against the contour of the door window frame. The aluminum guard can easily be formed at workbench.

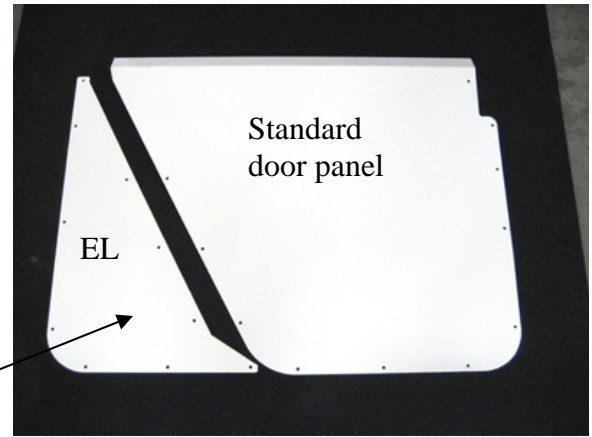


Hold window guard with pre-assembled hinge and upper bracket onto window frame. Make sure guard is centered on window. Attach hinge to lower door panel with #10 x 1/2" stainless sheet metal screws. Mark upper aluminum bracket location on window frame and remove from window guard. Attach upper aluminum bracket onto window frame with #10 x 1/2" flat head sheet metal screws.





Hinge up window guard and reattach to bracket with 10-32 x 1/2" Stainless machine screws and #10 Flat washers.  
**NOTE:** Door panel fillers are provided for the Expedition EL. This is not used for the standard length Expedition.



**K9 / PT unit installation complete.**  
**Shown with emergency sliding door open between K9 and Prisoner compartment.**



**Sheet metal seams and gaps need to be carefully SILICONED at floor area. Allow silicone to dry overnight before placing in rubber floor mat**

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