

K9-D25 INSTALLATION INSTRUCTIONS

K9 Kit for 2011-2025 DODGE DURANGO

TOOLS REQUIRED:

Phillips Screw Driver	Trim panel removal tool	Caulk Gun
Standard Socket set	Wire Cutters /Crimpers	T-20 Torx bit
Metric Socket set	Drill & Drill Bits	Scribe & Razor knife

PARTS & INSTALLATION HARDWARE:

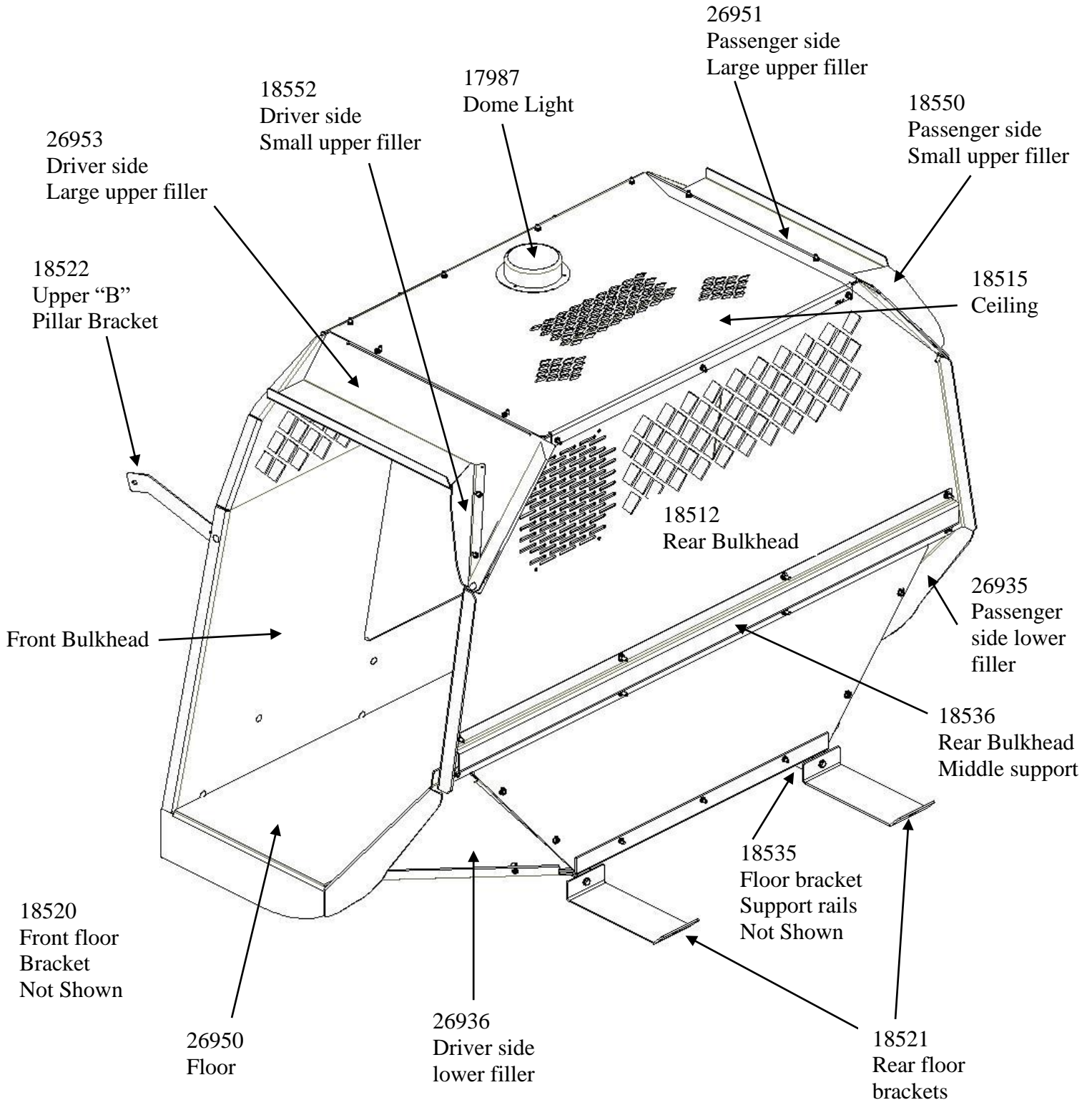
<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART # White</u>	<u>PART # Black</u>
1	Front bulkhead with sliding door		
2	Front bulkhead “B” pillar bracket		18522
1	Rear bulkhead	18512	24233
1	Rear bulkhead cross over middle support	18536	24236
1	Floor		26950
1	Front floor bracket		18520
2	Rear floor bracket		18521
2	Floor bracket – front to back support rail		18535
1	Ceiling	18515	24232
1	Passenger side lower filler	26935	26937
1	Driver side lower filler	26936	26938
1	Passenger side upper filler (large)	26951	26952
1	Passenger side upper filler (small)	18550	24238
1	Driver side upper filler (large)	26953	26954
1	Driver side upper filler (small)	18552	24240
1	Passenger side door panel (DP-D25-6A)	14653	14654
1	Driver side door panel (DP-D25-1A)	14651	14652
1	Passenger side hinged window guard (WGI-D25-6-K9)		21199
1	Driver side hinged window guard (WGI-D25-1-K9)		21198
1	Silicone Caulk	20011	20012
1	Rubber Mat		18554
1	Dome Light Kit (K9-A-106)	17987	
32	1/4” serrated flange nut	16086	
26	1/4 Flat washer - SS	16154	
28	1/4 x 3/4” Carriage bolt – SS	16235	
4	1/4 x 3/4” Hex head bolt	16326	
22	1/4 x 3/4” Phillips pan head screw - SS	16618	
2	12mm x 35mm Hex bolts	16524	
2	1/2” Lock washer	16145	
2	1/2” Flat washer	16126	
<i>Door Panel & Window Guard hardware</i>			
10	#10 x 3/4 Phillips flat head sheet metal screws - SS	16642	
8	#10 x 1/2 Phillips pan head sheet metal screws - SS	16655	
12	#10 x 3/4 Phillips pan head sheet metal screws- SS	16656	

K9-D25 Assembly

(Door panels and window guards not shown)

NOTES!

- Read all instructions before installing any Havis, Inc. products.
- Use hardware provided with install kit.





Start with door panels and window guards.
You can also remove vehicle interior as shown in steps 9 through 15.



Behind door handle, remove plastic cover and bolt.
(10mm socket)
Note: A small 90° scribe helps to pick plastic covers off.



Remove screw at bottom of door handle pocket.
(7mm socket)



Remove / unsnap entire door panel from door. Disconnect latch and lock cables from door assembly.
Remove speaker (7mm socket)



Remove window switch from door panel and reattach it to original plug.
Neatly wire tie the speaker wire, switch wire with switch against inner door panel so it does not interfere with anything.

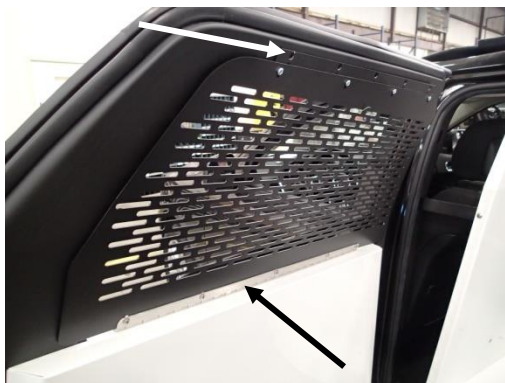


Note: Make sure latch, lock rod mechanisms and switch controls work properly before installing K9 door panel.

Place door panel onto center of door



With door panel hooked over top of rubber glass wiper, Push down on door panel.
Drill mounting holes with 5/32" drill bit. Attach door panels with #10 x 3/4 Phillips pan head sheet metal screws.



Attach hinged window guard to top of door panel with # 10 x 1/2 Phillips pan head sheet metal screws. With upper bracket attached to guard, mark upper bracket mount hole locations in upper door frame. Drill 5/32 holes and attach upper mount bracket with #10 x 3/4 Phillips flat head sheet metal screws.



Interior preparation is the next step.



Fold middle row passenger seats down.



Unsnap and remove cargo floor extension / cover panel.



Flip passenger seats forward.



Remove plastic covers as needed to access seat bolts. Remove seat hardware and save.
(15mm socket)



Remove lower side step sill trim.
Save trim to be modified and reused.
(Trim panel removal tool)



Remove rear cargo floor and storage compartment.
(10mm socket and Phillips screwdriver)



Use OEM nuts and bolts to attach forward K9 kit floor bracket to seat mount locations.



This photo shows the optional OEM 3rd row seat mounting.
This seat must also be removed.



Using a scribe and razor knife, locate the rear mounting holes and cut carpet at hole location as shown.

Note: If your vehicle does not have this seat, the threaded holes will be in the floor under the carpet.



Bolt rear brackets to floor with 12mm x 35mm hex bolts, 1/2" lock washers and 1/2" flat washers. (18 mm socket)
Reuse OEM bolts if included.



Attach support rails to front and rear floor brackets with 1/4 x 3/4" hex head bolts and serrated nuts. Floor attachment holes go up. (7/16 socket and wrench)



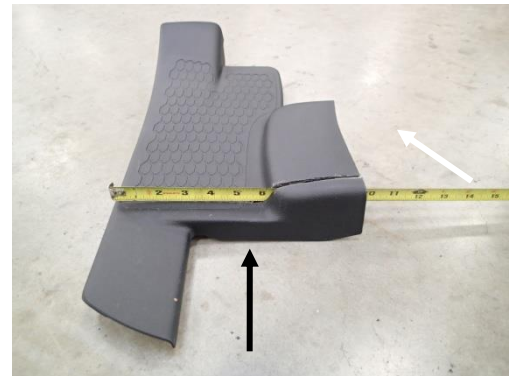
Main floor and support brackets now in place.
Note: Run wiring for Dome light, rear fan and other equipment prior to installing K9 kit floor.



Side step sill trim must have a slot cut (modified) in order to fit around floor bracket.



Measure and mark the cut line approx 1" inch rearward from front of trim as shown.



Measure and mark the start of cut line approx 5.5" inch from outboard side of trim as shown. Location should be at edge of tread pattern in plastic.



Drill a 1/4" hole a start of cut. Cut a 1/4" wide x 4.5" long slot to inboard edge of trim as shown.



Replace Side step sill trim. Same process for both sides.



Loosely attach K9 kit floor to floor brackets with eight (8) 1/4" x 3/4" carriage bolts and serrated flange nuts.

Note: Prior to cutting, hold trim up to bracket and double check slot location. Measurements provided are approximate and must be confirmed by the installer.



Prior to front bulkhead installation, Remove OEM "B" pillar trim and grab handles.
(Trim panel removal tool and 10 mm socket)



Attach bracket to "B" pillar with OEM grab handle screw.
Bracket angles down at front as shown



Reattach OEM "B" pillar trim.
The bracket should come through the OEM grab handle cutout.
Same process for both sides.



Loosely attach front bulkhead to floor with 1/4 x 3/4 carriage bolts and serrated nuts.
(Nuts on outside of K9 compartment)



Attach the middle support bracket to the rear side of rear bulkhead with 1/4 x 3/4 carriage bolts and serrated nuts.
(Nuts on outside of K9 compartment)



Loosely attach rear bulkhead to floor with 1/4 x 3/4 round head Phillips bolts and flat washers.

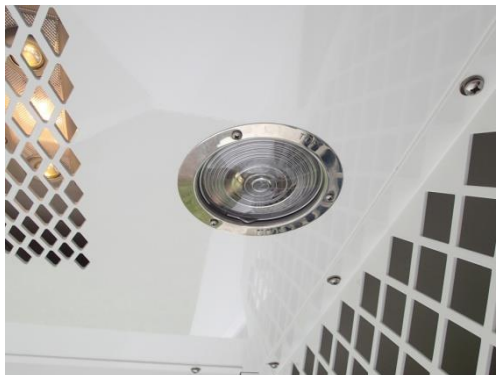
Loosely attach front bulkhead to "B" pillar brackets with 1/4 x 3/4 carriage bolts and serrated nuts. Bracket goes on inside of bulkhead flange.

Temporarily remove and save lower outside 1/4 x 3/4 carriage bolts and serrated nuts. To be used for lower filler panel installation

Note: Rear cross support brace goes to rear of vehicle.



Place ceiling on top of front and rear bulkheads.
Attach with 1/4 x 3/4 round head Phillips bolts and flat washers.



Note: Prior to ceiling installation, wire and mount dome light with # 10 x 1/2 Phillips sheet metal screws. Screws included in Dome light kit. Adjust ceiling vents to blow air straight down.



Loosely attach lower filler panel to floor with 1/4 x 3/4 round head Phillips bolts and flat washers.
Attach to rear bulkhead with 1/4 x 3/4 carriage bolts and serrated nuts.



Loosely attach lower filler panel to floor with 1/4 x 3/4 round head Phillips bolts and flat washers. Attach to rear bulkhead with 1/4 x 3/4 carriage bolts and serrated nuts.



Loosely attach large upper filler panel to ceiling 1/4 x 3/4 round head Phillips bolts and flat washers.

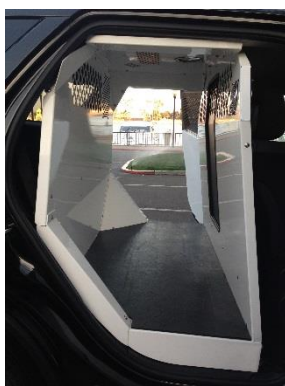


Loosely attach small upper filler panel to large filler panel with 1/4 x 3/4 round head Phillips bolts and flat washers.



Adjust panels and tighten all hardware. Neatly silicone / caulk the lower seams to shed water out of vehicle.

Note: The floor is designed to minimize the need for sealant. Caulk (sealant) is mostly needed where the floor meets the door sill and lower filler panels.



After silicone is dry (Following day)

Place the rubber mat into the K9 kit.



Install rear cargo floor and storage compartment.

The compartment will fit on top of rear K9 kit brackets without modification.

(View prior to K9 kit installation for reference)



View of rear cargo area with all OEM parts installed.



Optional 12" or 10" inch AceK9 emergency exhaust fan can be mounted on rear side of rear wall or on window guard.

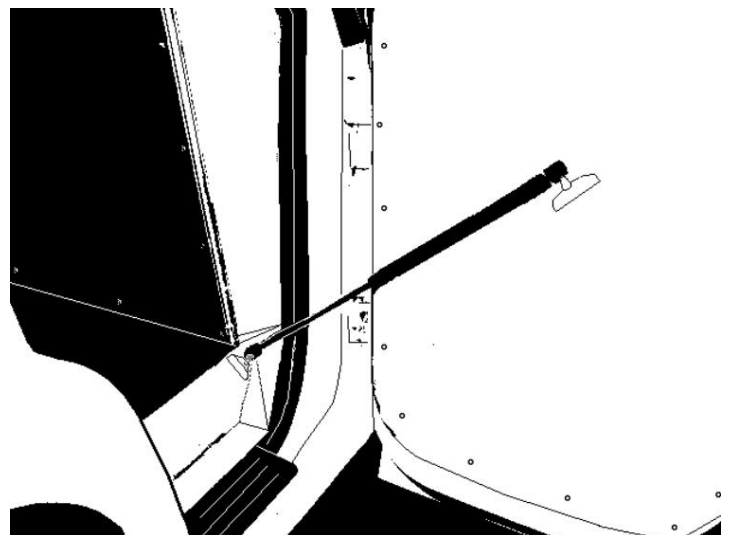


View of Optional 4" inch Air Circulation fan on front bulkhead. Cover plate provided if fan is not used.

K9-D25 Installation Complete



Example of Hot-N-Pop lock solenoid mounting location in Durango



If installing gas spring (shock) for Hot-N-Pop system, install at angle as per AceK9 instructions supplied with Hot-N-Pop. Image above is an example only. Depending on application, the installer must determine a safe and effective mount location. When attaching bracket to door, make sure that screws go into door panel and OEM sheet metal for maximum strength.