



INSTALLATION INSTRUCTIONS KK-K9-D14-K

K-9 TRANSPORTATION SYSTEM

1997-2003 DODGE DURANGO

TOOLS REQUIRED:

Power Drill	Drill Bits – 1/8” Through 3/8”
Standard And Metric Socket Sets	Phillips Screwdriver
6” Extension	Wire Cutters and Crimping Tool
7/16” Wrench	Ratcheting Wrench

HARDWARE: (some hardware included in assembly)

<u>QTY:</u>	<u>DESCRIPTION:</u>	<u>PART #:</u>
10	#10 X 1/2” Stainless Phillips Flat Head Screw	GSM34150
70	1/4-20 X 1/2” Stainless Carriage Bolt	GSM32022
96	1/4-20 Serrated Nut	GSM30023
30	#10 X 1/2 Stainless Phillips Screw	GSM34169
15	#10 X 3/4 Stainless Phillips Screw	GSM34170
26	1/4-20 X 3/4” Stainless Carriage Bolt	GSM32024
24	#12 X 3/4” Stainless Phillips Screw	GSM34177
6	1/4” X 1 1/4” Hex Head Lag bolt	GSM33061
2	3/8” X 1 1/2” Hex Head Bolt	GSM33030
2	3/8” Flat Washer	GSM31007
2	3/8” Lock Washer	GSM31028
2	3/8” Hex Nut	GSM30008
4	3/8” X 1/2” Flat Washer	GSM31021
4	Rubber Feet	PRM97609
4	8-32 Keps Nut	GSM30027
4	8-32 X 1” Pem Stud	GSM32252
4	8-32 X 1” Phillips Machine Screws	GSM33112
1	Tube of Silver Silicone	PRM97343

COMPONENTS:

1	K-9 Main Housing
1	Dome Light Kit
1	Rubber Mat
1	Front Mounting Adjustable Legs
1	Set Of Tunnel Assemblies
1	Set Of Hinged Window Guards
1	Set Of Aluminum Door Panels
1	Rubber Edge Molding

SUB ASSEMBLIES:

- Attach dome light with wire to housing ceiling.
- Install rubber edge molding on edges of tunnels

REMOVE INTERIOR:

- Remove rear seats in vehicle
- Remove door panels and handles
- Remove seat belt assembly
- Remove carpet in rear.

Note: If doors have electric door switches, they must be reattached to original plug assembly. Switch assembly must then be wire tied down so it does not interfere with window or door latch operations.

REMOVE OEM DOOR PANELS:

- Remove plastic arm rest section that has window switch in it.
- Remove switch assembly from plastic housing (leave plug on switch)

INSTALL DOOR PANELS AND WINDOW GAURDS:

- Install aluminum door panels with hardware provided
- Install hinge and window guard on top of door panel with hardware provided
- Lift window guard to installed position and mark mounting holes
- Install top mounting bracket with #10 x 1/2" screws, making sure that holes in window guards align with holes in mounting bracket.

Note: It will be necessary to bend the window guards to fit the contour of the vehicle door.

- Install window guard into mounting bracket with 10/32 x 1/2" machine screws & flat washers.
- Remove protective plastic from door panel and window guard.

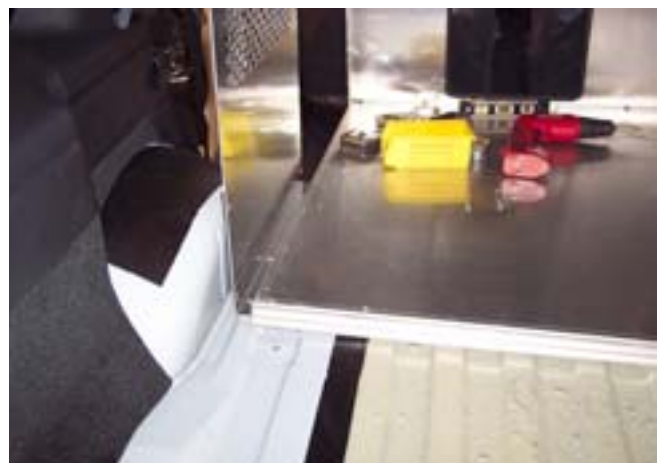
INSTALL MOUNTING LEGS:

- Attach mounting legs to hold down plates.
- Attach hold down plates to floor of vehicle utilizing front seat mounting studs

K-9 MAIN HOUSING:

Note: Install sidewalls to floor using #12 X 3/4" stainless screws until roof is in place. Keep all bolts loose until entire unit is mounted

- Install floor of K-9 kit into vehicle
- Floor should be placed on top of mounting legs and centered.
- Install left side wall of K-9 unit and attach with 1/4-20 x 1/2" carriage bolts & #12 x 3/4" stainless screws.
- Install right side wall of K-9 unit and attach with 1/4-20 x 1/2" carriage bolts.



INSTALL CEILING AND WALLS:

- Install ceiling with 1/4-20 x 1/2" carriage bolts and serrated nuts.
- Install front wall with 1/4-20 x 1/2" carriage bolts
- Install rear wall of K-9 unit with 1/4-20 x 1/2" carriage bolts.

INSTALL TUNNELS & DOORS:

- Loosely attach side tunnels to main housing 1/4-20 x 1/2" carriage bolts or 1/4-20 x 3/4" carriage bolts depending on location.
- Attach step to tunnel.

MAIN HOUSING FINAL STEPS:

- Mount rear housing use 1/4-20 x 1-1/2" lag bolts.
- Tighten all loose bolts in the assembly.

Note: Look under the vehicle & insure there are no obstructions.



OPTIONAL FAN: If optional fan has been purchased, install at this time.

- Mount dome light switch as desired. A switch box is provided so switch can be mounted to K9 housing in various locations. (side of tunnel housing at top works very well). Wire to 12 volt power source.
- Sheet metal seams and gaps need to be carefully silicone at floor area. (proper sealing of compartment will eliminate water from getting under K-9 unit)
- Allow silicone to dry overnight before placing in rubber floor mat.

