

K9-D28 & K9-D28-SDS-3 (DT) K9 Kit **INSTALLATION INSTRUCTIONS** for 2019-2026 Ram 1500 (DT) Crew Cab Pickup (5th Gen)

TOOLS Needed:

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

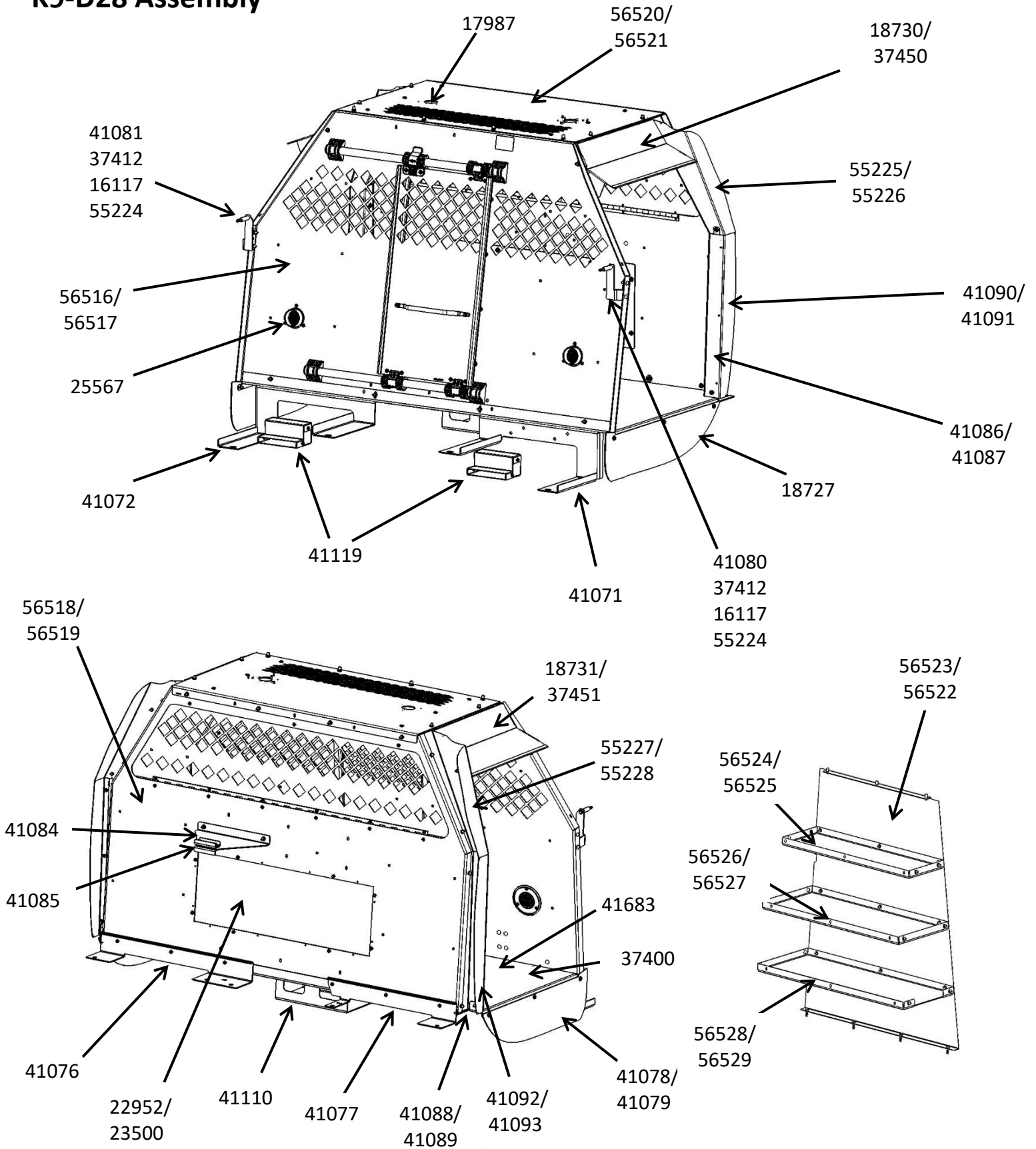
PARTS & HARDWARE:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART # White</u>	<u>PART # Black</u>
1	Front floor bracket /support DS		41071
1	Front floor bracket/ support PS		41072
1	Rear floor bracket / support DS		41076
1	Rear floor bracket/ support PS		41077
1	K9 main floor		41683
1	Front bulkhead	56517	56516
1	Rear bulkhead	56519	56518
1	Rear bulkhead access panel	22952	23500
1	K9 ceiling	56521	56520
1	Driver side door panel	41103	41102
1	Passenger side door panel	41105	41104
2	Speaker covers for door panels	41107	41106
1	Front floor center support		41110
1	Rear bulkhead upper middle support		41084
1	Rear bulkhead support bracket, top		41085
2	Lower side floor trim	41079	41078
1	Driver side upper trim panel	55226	55225
1	Passenger side upper trim panel	55228	55227
1	Driver side upper door entry trim	18730	37450
1	Passenger side upper door entry trim	18731	37451
1	Driver side lower inner trim	41087	41086
1	Passenger side lower inner trim	41089	41088
1	Driver side lower outer trim	41091	41090
1	Passenger side lower outer trim	41093	41092
2	HVAC connector		41119
1	Driver side front bulkhead upper support bracket		41080
1	Passenger side front bulkhead upper support bracket		41081
1	SDS divider	56523	56522
1	SDS top shelf	56525	56524
1	SDS middle shelf	56527	56526
1	SDS lower shelf	56529	56528
2	Window guard bracket		21257
1	Window guard DS		55229
1	Window guard PS		55230
2	Raw hinge		21113
2	Fan cover bracket		21122

Hardware and Miscellaneous parts

1	Silicone Caulk	20011	20012
4	M12 X 1.75 X 70mm (seat bracket bolts)	27472	
4	Spacer .77" (for seat bolt)	11415	
4	Torx screws for HVAC adaptor	13405	
10 feet	Ventilation hose 2.5" diameter	20039	
2	2.13" spacer	37412	
1	Rubber floor mat	37400	
1	Dome light kit (K9-A-106)	17987	
6	15" HD wire tie	15817	
47	1/4" Serrated nut	16086	
56	1/4" Flat washer SS	16154	
47	1/4" x 3/4" Carriage bolt SS	16235	
2	M6 x 70mm Hex head bolt	16544	
68	1/4" x 3/4" Phillips pan head machine screw SS	16618	
28	#10 x 1/2" Phillips pan head sheet metal screw SS	16655	
10	#10 x 1/2" Phillips flat head sheet metal screw SS	16641	
4	1/4-20" x 3/4" Self-threading screw	16359	
18	#10 Flat washer SS	16152	
18	#10-32 x 3/8" Phillips pan head screw SS	16612	
12	1/4-20" x 3/4" Phillips pan head screw SS	16618	
12	1/4-20" Silver nyloc nut	16031	

K9-D28 Assembly



ISO 9001:2008
CERTIFIED



Dodge Ram 1500 Crew Cab prior to install



Remove door panels first by removing push clips around perimeter of door panel.



Remove bolts behind access cover behind inner door handle



Install door panel using #10 x 1/2" Phillips pan head sheet metal screws.



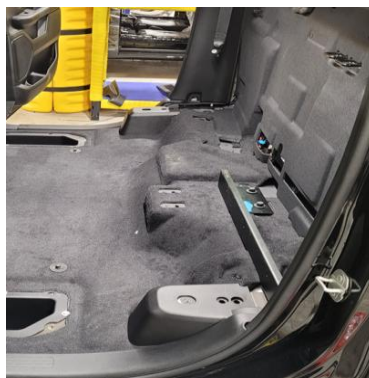
NOTE: Window guards are shipped flat. On the edge of a work bench, bend a contour in the middle of the guard so it will fit tight against the window frame.



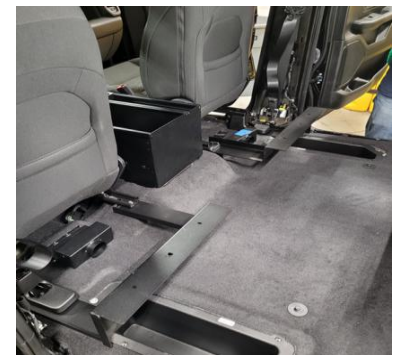
Align the hinge mounting holes to holes in the door panel. Attach hinge with # 10 x 1/2" Phillips pan head sheet metal screws.



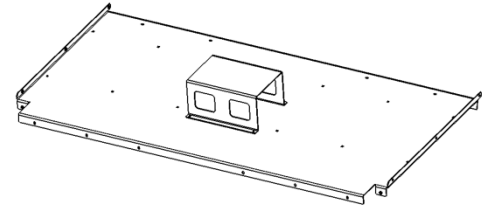
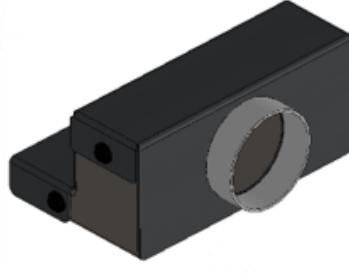
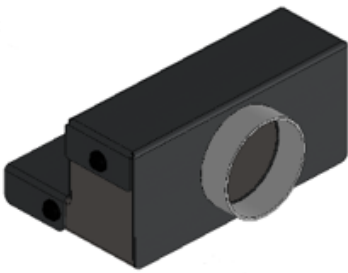
With upper mount bracket attached to window guard, mark mounting hole locations on upper door/window frame. Drill 5/32" holes and attach with # 10 x 1/2" flat head sheet metal screws



Remove rear seats. Install rear floor mounting brackets using previously removed OEM hardware.



Install front floor brackets underneath front seat using M10 X 1.50 X 35 bolts provided.



Assemble driver and passenger side vent adaptor parts together with 1/4" bolts and washers. Place vent adaptors over OEM vents under seats (PS and DS are same for D28 and they do not mount to anything, just clamp around vents).

Front floor center support (41110) will need to be attached to the floor prior to installation. Install using four (4) 1/4" x 3/4" carriage bolts and serrated nuts.



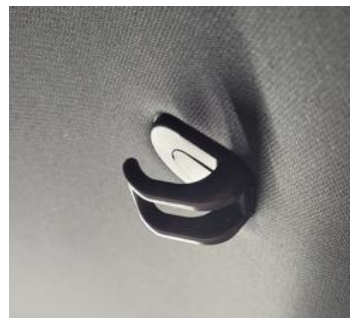
Carefully slide in floor and line up with the front and rear support brackets. Install 1/4" x 3/4" Phillips machine bolts to rear floor mounting bracket in holes 2 and 6.



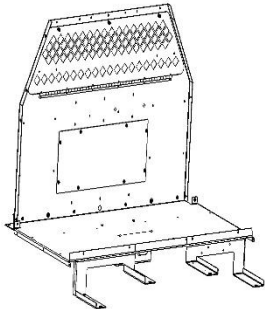
Remove rear seat anchors and middle seatbelt assembly.
NOTE: Image shows rear wall mat removed. Removal is not necessary.



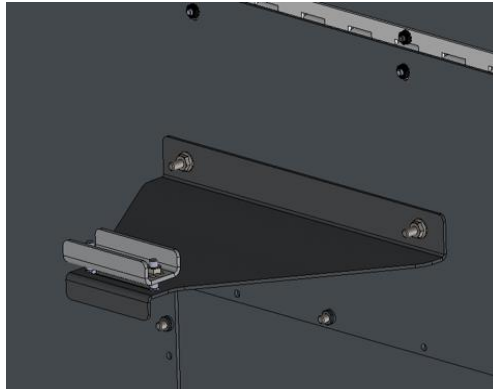
Attach rear bulkhead upper middle support bracket (41084) to top bracket (41085) using two (2) 1/4-20 x 1" carriage bolts and serrated nuts. Bolts go through OEM seat anchor as shown.



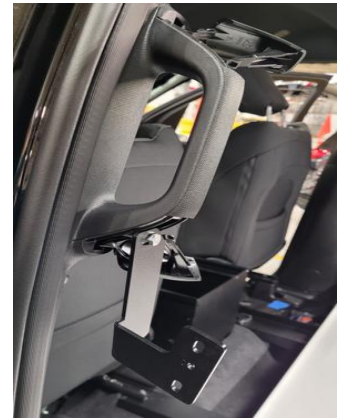
Remove OEM clothes hanger on ceiling, both sides.



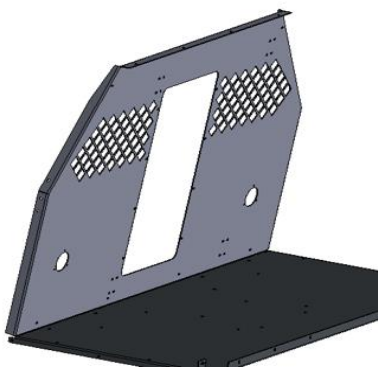
Slide rear bulkhead in and attach to floor using 1/4" Phillips pan head machine bolts and flat washers.



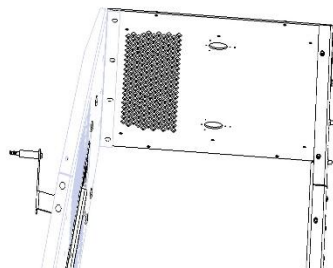
Attach to rear bulkhead upper middle support bracket using two (2) 1/4" x 3/4" carriage bolts and serrated nuts.



Remove lower cover of grab handle and remove 10mm head OEM fastener. Loosely install front bulkhead upper support bracket using m6 x 85mm bolt, washer, and 2.13" spacer. Repeat process for passenger side.



Carefully slide front bulkhead into the truck and attach with 1/4" carriage bolts and nuts to the floor and upper support brackets.

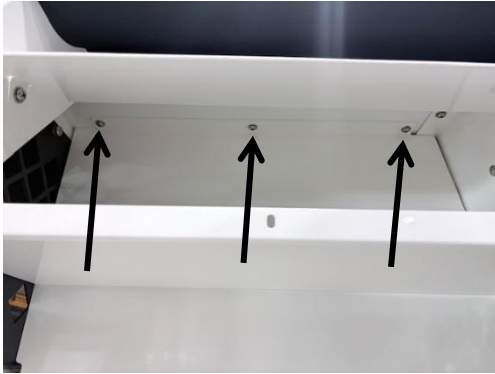


Carefully place ceiling on top of front and rear bulkheads. Loosely attach the ceiling with 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.



Loosely attach the ceiling with 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.

SDS-3 INSTALLATION
SKIP THIS PAGE IF NOT
INSTALLING SDS



Attach divider (56522/56523) to ceiling using three (3) 1/4" Phillips pan head machine bolts and flat washers.



Attach top shelf (56524/56525) to divider using three (3) 1/4" x 3/4" carriage bolts (inserted from K9 side) and serrated nuts.



Attach top shelf to front bulkhead using two (2) 1/4" x 3/4" carriage bolts and serrated nuts.



Attach top shelf to rear bulkhead/rear window screen using two (2) 1/4" x 3/4" carriage bolts and serrated nuts.



Attach mid shelf (56526/56527) and bottom shelf (56528/56529) to divider using three (3) 1/4" x 3/4" carriage bolts (inserted from K9 side) and serrated nuts, each.
Leave middle shelf loose.



Attach bottom shelf to front bulkhead using two (2) 1/4" x 3/4" carriage bolts and serrated nuts.



Attach bottom shelf to rear bulkhead using two (2) 1/4" x 3/4" carriage bolts and serrated nuts.

Continue to next page of instructions before completing middle shelf SDS installation



Once side trim pieces are installed, attach middle shelf to front and rear bulkhead (shown above) using two (2) 1/4" x 3/4" carriage bolts and serrated nuts for each bulkhead.



Once everything is tight, secure bottom of divider to K9 floor using four (4) 1/4" x 3/4" self-threading screws.



Loosely attach upper filler panel using 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.
Repeat for passenger side.



The lower side fillers will need to be assembled together. Attach using three (3) 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.



Loosely attach the lower side fillers to the kit.
Repeat for passenger side.



Attach the upper side fillers to the previously installed upper side filler with 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.



Attach the upper side filler to the ceiling and front bulkhead.
Repeat for passenger side.



Install lower floor trim using three (3) 1/4" x 3/4" Phillip machine screws and washers.
Repeat for passenger side.



Attach vent hoses to floor vent adaptor and vent adaptor on the bulkhead. Secure all hoses to vents using 15" heavy duty wire ties.



Caulk all seams at floor area.



Install rubber mat when caulk is dry. Measure and cut mat to approx. 47" if installing SDS.