

# K9-D27 & K9-D27-SDS-3 (DJ) K9 Kit **INSTALLATION INSTRUCTIONS** for 2020-2026 Ram 2500 (DJ) & 3500 (D2) 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

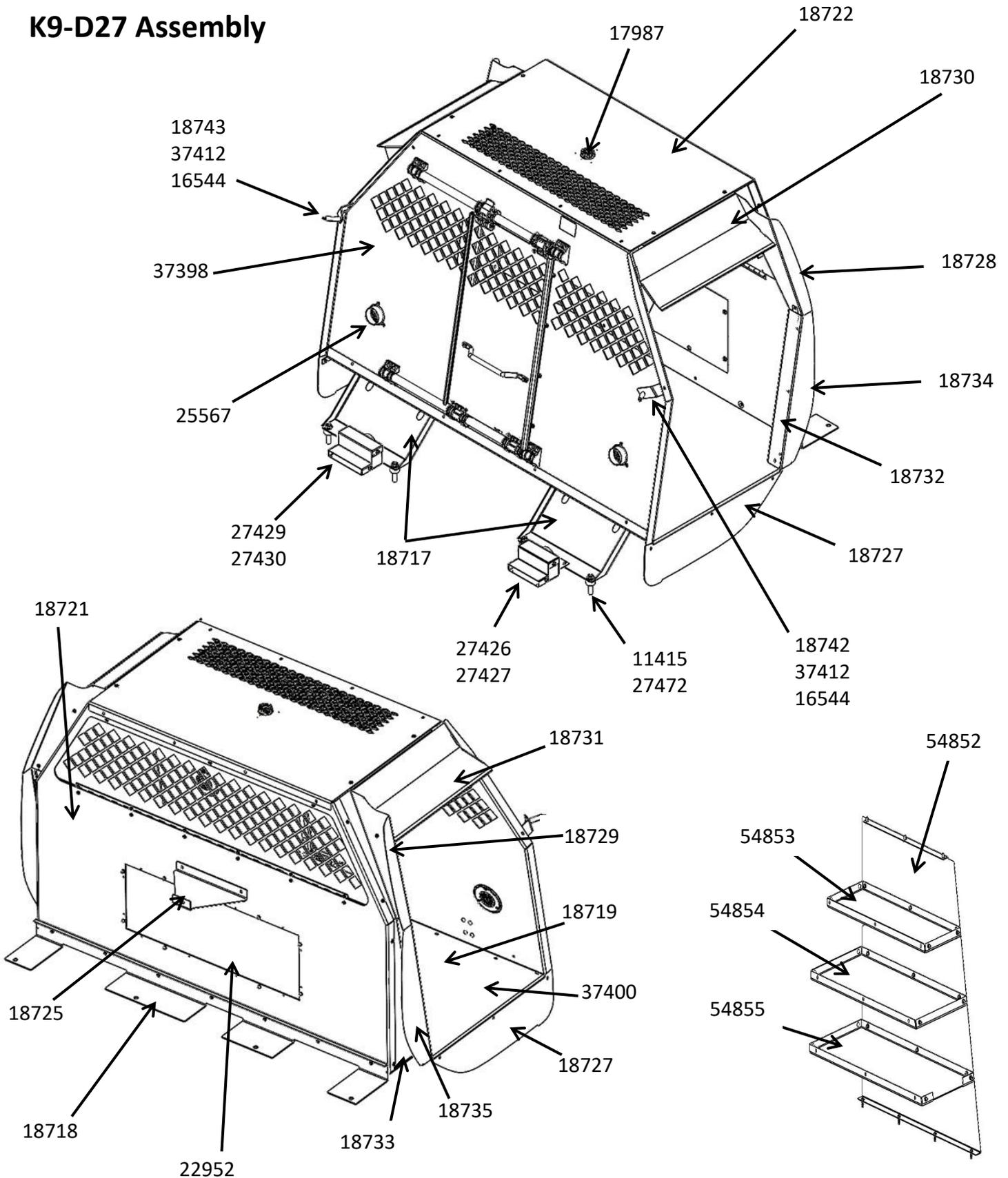
## **PARTS & HARDWARE:**

<b><u>QTY</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PART # White</u></b>	<b><u>PART # Black</u></b>
2	Front floor bracket / support		18717
1	Rear floor bracket / support		18718
1	K9 main floor		18719
1	Front bulkhead assembly	37398	37443
1	Rear bulkhead	18721	37445
1	Rear bulkhead access panel	22952	23500
1	K9 ceiling	18722	37447
1	Driver side door panel	14602	37419
1	Passenger side door panel	14616	37420
2	Speaker covers for door panels	18738	37425
1	Front floor center support		18724
1	Rear bulkhead upper middle support		18725
1	Driver side window guard assembly		WGI-D26-1-K9
1	Passenger side window guard assembly		WGI-D26-6-K9
2	Lower side floor trim	18727	27321
1	Driver side upper trim panel	18728	37448
1	Passenger side upper trim panel	18729	37449
1	Driver side upper door entry trim	18730	37450
1	Passenger side upper door entry trim	18731	37451
1	Driver side lower inner trim	18732	37421
1	Passenger side lower inner trim	18733	37422
1	Driver side lower outer trim	18734	37423
1	Passenger side lower outer trim	18735	37424
1	Driver side HVAC adaptor base		27426
1	Driver side HVAC connector		27427
1	Passenger side HVAC adaptor base		27429
1	Passenger side HVAC connector		27430
1	Driver side front bulkhead upper support bracket		18742
1	Passenger side front bulkhead upper support bracket		18743
1	SDS divider	54852	55547
1	SDS top shelf	54853	55548
1	SDS middle shelf	54854	55549
1	SDS lower shelf	54855	55550

## **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	

# K9-D27 Assembly





Dodge Ram 2500/3500 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



Trim high sections of inner door panel as shown in picture.



Trim sections around OEM speaker. To retain proper window operation factory switch must remained plugged in.



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



Flip up rear seats to access mounting bolts. Unbolt mounting hardware and remove seats.



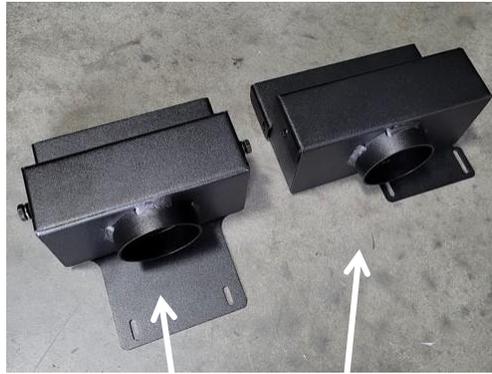
Install rear floor mounting bracket using previously removed OEM seat hardware.



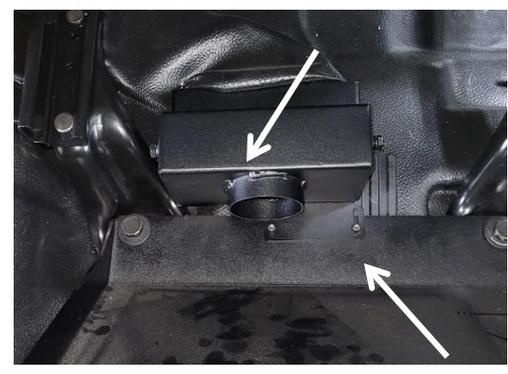
Remove rear seat bolts from front seats and add .77" thick spacers.



Install front floor brackets on top of spacers and loosely attach to floor with M12 X 1.75 X 70mm 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 and attach to front floor mounting bracket using two (2) #8 x 3/8". Passenger side shown.



Front floor center support (18724) 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, 4, and 6.



Remove rear seat anchors and middle seatbelt assembly.



Attach rear bulkhead upper middle support bracket (18725) using previously removed OEM hardware from seat anchor.



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 70mm 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.

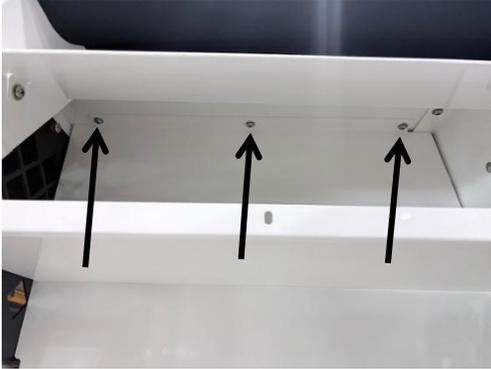


Loosely attach the ceiling with 1/4" x 3/4" Phillips pan head machine screws and 1/4" flat washers.



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

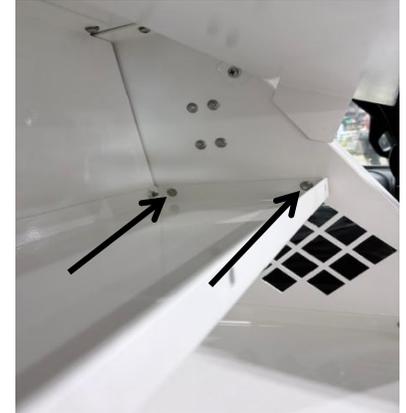
**SDS-3 INSTALLATION  
SKIP THIS PAGE IF NOT  
INSTALLING SDS**



Attach divider (54852/55547) to ceiling using three (3) 1/4" Phillips pan head machine bolts and flat washers.



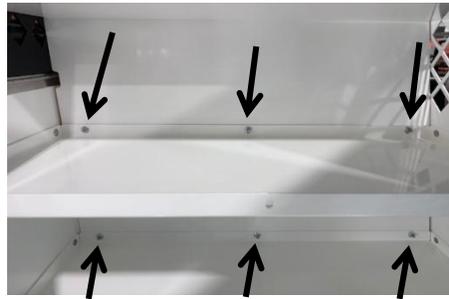
Attach top shelf (54853/55548) to divider using three (3) 1/4" x 3/4" carriage bolts (inserted from K9 side) and serrated nuts.



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 (54854/55549) and bottom shelf (54855/55550) 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.



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.*  
***If installing SDS, refer to previous page to complete installation.***



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.



Installation of the K9-D27 now complete