

2016 Mercedes Sprinter 144 High Roof 4x4 Passenger Van

Approaching 70,000 miles (likely to increase a little before sale)

Our van spent the first 48,000 miles of its life as a limousine moving clients between DIA and Vail, Colorado almost entirely on paved roads. We purchased the van in July of 2014 and immediately began the conversion you see here. It is now approaching 70,000 miles and still has very little off-road usage.

Why convert a passenger van? Windows! We wanted a van that offered 360° views and factory rooftop A/C. With all due respect to Winnebago and the others, most factory camper vans are dark and claustrophobic enduring built-out with heavy materials. We wanted a lighter, "Airstream trailer" feel to our interior and panoramic windows. And we have owned enough vans and RV's to know it's stupid to run a gas-powered generator to run an RV air conditioner just to keep the dog cool as we barrel down the road to our next destination when a van with factory roof-top A/C is designed to do it sensibly off the engine that's already taking you there!

We have an insulated cover for every window and an exterior vinyl cover for the front cab if you prefer privacy but having the windows allows you to travel to pretty places and take full advantage of the views. Bonus: the forward left-side passenger window is hinged at the top and swings out 90°+ for incredible fresh air circulation. Underway on the hottest of days, the factory rooftop A/C keeps the entire van cool. No more arriving to your destination with a hot van! Speaking of comfort, there is a remote controlled Maxxair Fan, Chinese diesel heater and, if desired, we could negotiate including our 10,000 BTU portable mini-split A/C if your mission plans include hot, humid designations with access to shore power.

The conversion began with removal (and sale) of the first and last rows of passenger seats, removal of all interior panels, installation of 3M Thinsulate insulation and reinstallation of all of the panels. We have some left over Thinsulate if buyer wishes to increase insulation behind any particular panels. We find the van to be sufficiently insulated for our usage. We use the van as a "hard-sided" tent camper. It was never intended to be lived-in full time but rather a comfortable, capable camping van.

That said, the van offers all the comforts of a modern factory ClassB motorhome: wet bath with Thetford Curve Porta Potty in a discrete "counter height" cabinet behind the driver. The potty is easily removed to allow for easy showering. The shower pan drain currently daylights to the ground but is located in a perfect place to add a gray water tank if the buyer desires. The shower head & hose are connected to the stainless steel galley sink which is pressurized with double-filtered fresh water from the 15 gal fresh water tank and 6-gallon marine electric water heater (powered by 30A shore power only) which can also be connected by the buyer to the van's engine cooling system for on-road hydronic heating.

Below the kitchen sink is a very large storage cabinet for all your cooking essentials and a 2.4 Cu Ft Magic Chef 110AC refrigerator (think "dorm fridge"). Above the sink counter is a 0.7 cubic ft Kenmore microwave which, along with the refrigerator and most of the accessories plugged into the house of the van is powered off of a cascading A/C power source that will prioritize the 30A shore plug (if powered), the GoalZero Yeti 3000 portable power station, and the TRIPP LITE - RV1250ULHW

PowerVerter 1250-Watt 12VDC RV Inverter/Charger under the driver's seat which is powered by the van's engine driven 220A alternator while underway. A cubby formed by the left most seat of the 3-seat bench seat is perfect for storing additional cooking and dining equipment.

By using Mercedes' factory mid-row seating, the two rear seats are not only comfortable but feature built-in shoulder belts and Mercedes' crash ratings. Below those seats are two storage bins that we utilize as our "pantry" for dry goods.

When on the road, power on the TRIPP LITE - RV1250ULHW PowerVerter 1250-Watt 12VDC RV Inverter/Charger to charge the GoalZero Yeti 3000 which, along with input from the roof-mounted 90W Zamp Solar panel, keeps the GoalZero powered up on any day were the sun shines, or the van is underway.

A Chinese diesel heater blows super hot to quickly warm up the van on frosty mornings. The van also has the optional rear diesel heater which can be used to preheat both the engine coolant and the van interior on days when the mercury is below 39°F.

Above the GoalZero power station & Diesel Heater is a control panel which provides control for the interior LED lighting, exterior awning lighting, and SHURFLO 3.0 GPM RV 12V Water Pump. The sliding door side of the van features a 10' Fiamma awning. The factory passenger side running board aids ingress and egress for passengers and pets.

A custom Tochtá Utopia mattress is CNC cut to perfectly fill the elevated bed providing a bed that is 72" wide and 74" long (on either side of the rear seat headrests) and perfectly suitable for sleepers under 72" tall. Taller sleepers Remove the rear seat headrests if they need room for their toes to dangle. Beneath the Tochtá Utopia mattress is a Tochtá HyPUR-Flo Moisture protection membrane to prevent build up of any moisture below the mattress and the bed platform.

The counters and bed platform are constructed of Formica on 1" thick gatorfoam signboard for light weight and rigidity. All panels can be easily removed. In fact, the entire van could be stripped of all conversion components and reconfigured as a passenger van with minimal holes left behind in wall and ceiling panels.

Above the bed are two articulating 12" x 48" shelves that can be locked in the upper position when not in use. Sturdy cargo netting keeps articles in their place when overloading.

Below the bed is a 35" high storage garage with plenty of room for all your adventure gear. We regularly traveled with 2 mountain bikes, the split-unit A/C and a OneWheel along with our workout gear and never wanted for more storage space.

We recently rechipped ("tuned") the Van's engine ECM with OwlVan's SPRINTER ENGINE TUNE HHT [RENNTECH] proprietary ECU upgrade which offers significant gains in both power and torque without sacrificing daily driver reliability. This maximizes the already capable Sprinter's ability to transport large cargo or tow large loads without degrading performance. We've been towing a 5,300' Black Series HQ15 the last few trips and it tows like a dream even in the steepest Rocky Mountain canyons where we live! The ECU tune increases engine efficiency while maintaining all emissions systems on the vans. This means that you can gain performance while taking care of the

environment and the ECU can be set back to default settings and retuned an unlimited number of times if you ever wish to restore the van to stock configuration.

We replaced the awful stock MB radio with a double-DIN Sony head unit with Apple CarPlay. We added a low-end subwoofer to the passenger seat base.

The suspension is stock with aftermarket 275/70R17 BF Goodrich A/T KO2s on black Rhino rims. The tires have performed flawlessly on all sorts of road conditions and we find them quiet at all speeds.

The van has been professionally maintained on schedule by Mercedes throughout its life. It has been incredibly reliable, comfortable and turns heads everywhere we've gone. Our new adventures have us eying a 40' diesel motorhome now and so now our van is ready to take a new owner on adventures unknown.

VIN W DZFE7CDXGP203613
Model Year 2016
Model 319 KB 4X2 3665
Engine 642896 41 765559
Transmission 722683 20 200429
Order Number 7 6 740 61168
Order Location MB USA
Production Number 5850420
Paint 1 PAINT TENORITE GRAY METALLIC MB 7755 (7755)
Delivery Date 2015-10-07

Code	Description	Code	Description
181	FUEL FILTER WITH WATER SEPARATOR	EK1	TERMINAL STRIP FOR ELECTRICAL CONNECTION
281K	ALTERNATOR, AIR-COOLED, 220 A	EL9	2-WAY SPEAKER AT FRONT AND REAR
423	5-SPEED AUTOMATIC TRANSMISSION	EN7	AUDIO 15
494	VERSION FOR USA	ES0	JUMP START CONTACT
581	AUTOMATIC CLIMATE CONTROL	ES2	12 V SOCKET, TRUNK/CARGO AREA
582	AIR CONDITIONER IN THE REAR	F61	INSIDE REARVIEW MIRROR
617K	FUEL FILTER WITH WATER SEPARATOR	F66	LOCKABLE GLOVE COMPARTMENT
636K	HIGH PERFORMANCE A/C SYSTEM FOR PASSENGER COMPARTMENT	F906	MODEL SERIES 906 - VAN NCV3
740L	MB USA	FF5	STOWAGE BOX/TRAY ABOVE WINDSHIELD
806	CHANGE OF MODEL YEAR, THE LAST FIGURE SHOWING THE NEW MODEL YEAR	FI1	REMOTE CONTROL KEY SYSTEM FREQUENCY 315 MHZ
7755	PAINT TENORITE GRAY METALLIC MB 7755	FKA	PANEL VAN
AR2	AXLE RATIO I = 3.923	G40	AUTOMATIC TRANSMISSION
BB9	ELECTRONIC STABILITY PROGRAM (ESP91)	H00	HOT/COLD AIR DUCT TO PASSENGER COMP.
C42	STABILIZER, REAR AXLE UNDER THE FRAME	H08	ROOF AIR CONDITIONER REINFORCED
C45	H.D. FRONT AXLE STABILIZER	H12	HOT WATER ADDITIONAL HEATER
C906	CHASSIS 906	H13	ADDITIONAL HEAT EXCHANGER, REAR
CL1	STEERING WHEEL ADJUSTABLE IN INCLINATION & HEIGHT	H15	SEAT HEATER FOR FRONT PASSENGER
CT1	VIBRATION ABSORBER	H16	SEAT HEATER FOR DRIVER
D03	HIGH ROOF	H20	HEAT-ABSORBING GLASS ALL ROUND
E07	HILL-START ASSIST	H22	HEATED REAR WINDOW
E30	BATTERY MASTER SWITCH, ONE-PIN	HH2	ELECTRICALLY POWERED HOT-AIR AUXILIARY HEATER
ED4	ABSORBENT GLASS MAT BATTERY 12 V 92 AH	HH9	SEMI-AUTOMATICALLY CONTROLLED TEMP/MATIC A/C
ED8	ELECTRICAL SYST. PREINST., PARAM. SPECIAL MODULE	IG3	SPRINTER STANDARD
		IL6	METALLIC FINISH
		IR4	WHEELBASE 3665 MM (BM - VISUAL CODE)
		IT4	3.5 METRIC TONS
		J11	SPEEDOMETER MPH AND KM/H

J58	SEAT BELT WARNING SYSTEM FOR DRIVER SEAT	U62	SEATS PASS. COMPARTMENT 3X SEATBENCH ROW 1 NARROW
J65	OUTSIDE TEMPERATURE INDICATOR	U74	WALL-SIDE ARM REST
JA8	CROSSWIND ASSIST	U75	AISLE-SIDE ARM REST
K60	TAIL PIPE LEADING STRAIGHT TO THE REAR	UC3	SEATS PASS. COMPARTMENT 3X SEATBENCH ROW 2 NARROW
KB7	MAIN TANK 93 LITERS	UD6	SEATING, PASS. COMP., 4-SEAT BENCH SEAT, 3RD ROW
KL1	FUEL-LEVEL SENSOR FOR AUXILIARY HEATER	V21	DELUXE INTERIOR TRIM
KL5	FUEL FILTER WITH WATER SEPARATOR	V31	WINDOW PILLAR PANELING
L	LEFT-HAND STEERING	V35	WHEELHOUSE COVERING
L94	ELIMINATION OF PARKING LIGHT	V36	HEADLINER
LB5	CENTER HIGH-MOUNTED BRAKE LAMP	V39	PLASTIC FLOOR PEOPLE MOVER
LG6	DAYTIME RUNNING LIGHTS FOR USA/CANADA	V40	STATION-WAGON FLOOR ASSEMBLY
LX7	NORTH AND SOUTH AMERICA	V64	ASHTRAY IN PASSENGER COMPARTMENT
M005	VEHICLES WITH 4-MATIC-/ALL WHEEL DRIVE	V85	SMOKER PACKAGE
M46	14 V/220 A ALTERNATOR	VA7	STOWAGE COMPARTMENT WITH NET IN REAR-END DOORS
MG5	ENGINE OM642 DE30LA 140KW (190HP) 3800RPM	VU9	BLACK IMITATION LEATHER
MH7	LOW-EMISSION ENGINE EPA 16/CARB	W02	BOX-TYPE DELIVERY VAN WITH WRAP-AROUND GLAZING
MS1	TEMPOMAT (CRUISE CONTROL)	W17	RIGHT FRONT WINDOW, FIXED IN SIDE WALL/SLIDING DOOR
P47	MUDFLAP FRONT	W27	LEFT REAR FIXED WINDOW
P48	REAR MUD FLAPS	W28	RIGHT REAR FIXED WINDOW
Q67	REAR TOWING LUG	W33	EMERGENCY EXIT FMVSS 217
R65	SPARE WHEEL CARRIER UNDER FRAME END	W54	REAR-END DOORS, DOUBLE-WING, OPENING TO SIDE WALL
R87	SPARE WHEEL	W61	WINDOW IN LIFTGATE/REAR-END DOORS
RF1	TIRE MANUFACTURER CONTINENTAL (10)	W70	COLOR GLAZING IN REAR, BLACK GLASS
RH8	TYRES LT 245/75 R16 *Swapped to LT275/70R17	X42	PLATES / PRINTED MATERIALS ENGLISH
RL5	6.5 J X 16 LIGHT ALLOY WHEELS *Swapped to Rhinos	XC8	VIN VISIBLE FROM OUTSIDE
RY2	TIRE PRESSURE MONITORING AT FA + RA, WIRELESS	XL8	WEIGHT VARIANT 3880 KG
S04	ADJUSTABLE FRONT PASSENGER SEAT	XM0	MODEL IMPROVEMENT
S22	DRIVER'S SEAT ARMREST	XQ1	VIN CODED VEHICLE DATA WITH CHECK DIGIT
S25	CO-DRIVER'S SEAT ARMREST	XY6	MODEL YEAR 6
SA5	AIRBAG DRIVER SIDE	XZ1	MODEL GENERATION 1
SA6	CO-DRIVER'S AIR BAG	Y43	HYDRAULIC JACK
SD0	ISOFIX CHILD SEAT FIXTURE	Z44	REGISTRATION OF VEHICLE NOT POSSIBLE IN EU
SH7	THORAX SIDEBAG F.DRIVER + FRONT PASS.(IN BACKREST)	ZG3	ENGAGEABLE ALL-WHEEL DRIVE WITH GEAR REDUCTION
SH9	WINDOWBAGS FOR DRIVER AND FRONT PASSENGER	ZM4	CREWBUS
SZ7	DRIVER SEAT BACKREST STOWAGE NET	ZU8	USA COUNTRY VERSION
SZ8	FRONT PASSENGER BACKREST STOWAGE NET	ZZ4	MERCEDES-BENZ SCOPE OF BRANDS, NORTH AMERICA
T09	LOAD COMPARTMENT SLIDING DOOR SPEC. VER.		
T12	INTERMEDIATE LOCK, LOAD COMP. SLIDING DOOR(S)		
T16	SLIDING DOOR RIGHT		
T74	GRAB HANDLE FOR ENTRANCE		
T75	GRAB HANDLE FOR DRIVER AND FRONT PASS. ENTRANCE		
T86	ENTRANCE GRAB AT CORNER PILLAR AT RIGHT REAR		

Mercedes Benz VIN decoded at <https://www.lastvin.com/vin/zrL6K2Okeaj2qJpM5>