

Model: Intrepid

by Team Adventure USA, North Liberty, IA

MERCEDES-BENZ SPRINTER VAN

Engine	3.0L V6 turbocharged diesel
Type	144" wheelbase 4x4
Exterior Measurements	234" length with rear racks 109" height with roof rack 92.5" wide with mirrors
Interior Measurements	72" height, 65.5" wide, 22" galley aisle
Weight (after conversion)	
High Roof	Yes
Roof Rails (for solar panels)	Yes
Towing Capacity	Up to 5,000 lbs.
Towing Hitch	Hitch with wiring harness
Fuel Tank Capacity	24.5 gallon
Tires	BFG All Terrains on Black Rhino wheels
Mercedes-Benz Warranty/Maintenance	1-yr./20,000 mi. maintenance interval 3-yr./36,000 mi. new vehicle 5-yr./100,000 mi. Federal Diesel Emissions 5-yr./100,000 mi. powertrain limited
RV Modification Warranty	1-yr./15,000 mi.
POWER / ELECTRICAL	
Battle Born LiFePO4 Batteries	6 batteries, ea. 100 AH
Renogy Solar Panels	Three panels ea. 175 watts (total 525)
Second Alternator	370 amp
Victron Smart Solar Controller	100/50 amp
Victron Inverter	3,000-watt inverter
Blue Sea Fuse Block	12V marine grade fuse block

Electrical Control Panel	30 amp AC panel
LED Lighting 12 VDC	Interior: 8 ceiling, 2 reading lights Exterior: 270° lighting
Interior Outlets	Five 110 outlets; three with USB ports

INSULATION & CLIMATE CONTROL

Cruise & Comfort Air Conditioner	9,500 BTU with aux blower & directional vents and operates directly from batteries
Webasto EVO 40 Diesel Heater	4 kW heating power Thermostatically controlled
Havelock Wool Insulation	Floor, ceiling, and walls
Sound Deadening	Throughout interior
Ventilation	Discharges externally under van
Window Covers	Insulated and magnetic (windshield cover not magnetic)

PLUMBING & WATER TANKS

Bathroom	72" H x 22" W x 39" D inside dims Fully enclosed with toilet and shower
Composting Toilet	Separates solids from liquid 2 gal. liquid capacity 19¾" H x 14" W x 15½" D
Fresh Water Tank	24.5 gal. aluminum w/ cold weather kit Easy fill from under hood

PLUMBING & WATER TANKS (continued)

Gray Water Holding Tank	15 gal. aluminum with cold weather kit Discharge lever located inside van
Water Heater (110 AC)	4 gal. hot water tank
Water Pump	Marine grade pump with accumulator
Filtered Water	Sink filtered, replace filters 6-8 mo.
Onboard Tank Monitoring	Fresh and gray water

INTERIOR	
Isotherm Refrigerator/Freezer	83L refrigerator capacity, 32L freezer capacity
Cooktop	1800W portable induction cooktop
Microwave	Built-in combination microwave/ convection oven
Stainless Steel Sink	16.5" x 14.3" x 6.3"
Faucets	Kitchen filtered water
Countertops	TBD
Backsplash	None
Cabinets	1/8" alum ; powder coated
Bench	None
Dining Table	Optional
Upholstered Wall Covering	Canvas waterproof fabric
Flooring	Coin flooring – Fiberglass
Memory Foam Mattress	5" x 72" x 26"
Other	Smoke/CO detector Fire extinguisher Side door screen
REAR GARAGE (under bed)	
Garage Space	Beds down: 22" H x 72" L x 42" W Beds second position: 36" high
Rear Door Water Outlet	Shower head with 15 ft expandable hose; hot and cold water
EXTERIOR	
Awning	10 ft long, 8 ft wide extension
Aluminum Spare Tire Rack	Rear door left side mount
Aluminum Utility Rack	Rear door right side mount
Aluminum Side Ladder	Access to roof

	FUNCTION	BENEFIT
Built to Last	(4) ½" holes and (2) ¾" in roof and five holes in floor; no holes in walls	Maintains long term integrity of the van and minimizes potential leaks in the future
Diagrammed Schematics	Complete electrical wiring and plumbing schematics	Easy to understand diagnostics diagrams on what, where, and how
Manuals	Complete trouble shooting, Operator manuals, and spare parts list provided on ipad with vehicle	Complete information and build guides for anyone who will service the van in the future
In-House Capabilities	Fully equipped sheet metal fabrication, welders, and wood working shop	Extensive in-house capability & control over build ensures our high standards are met
Experience	123 years of combined experience with electronics, engineering, cabinet building and manufacturing	Dedicated team of experts with a passion for quality, workmanship, and outdoor adventure

website TeamAdventureUSA.com | email Info@TeamAdventureUSA.com

phone 319-774-5450 | address: 720 Liberty Way, North Liberty, IA 52317

