



BASE MODEL DATA SPECIFICATION

**EMERGENCY MEDICAL VEHICLE
TYPE II (4X2) SRW**

Squad 2

SVAN2X – Sprinter Chassis

SVAN2X

MINI SPECIFICATION Squad 2 / TYPE II

CHASSIS

VB2L13 Sprinter 2500 Van 144"WB, 8550# GVWR, 3.0L V6 Turbo Diesel Engine, 50-State Emissions, 220 Amp Alternator, Auxiliary 100-Amp Battery for Dual Batteries, Auxiliary Belt Drive for 2nd Air Conditioning Compressor, 5-Speed Automatic Transmission, 3:92 Axle Ratio, Traction Control, 4-Wheel Anti-Lock Brakes, Front and Rear Stabilizer Bars, 25 Gallon Fuel Tank, High Roof, Power/Heated Exterior Rear View Mirrors, Keyless Entry, 16" x 6.5" steel wheels, LT245-75R16 Continental All Season Tires, Full Size Spare underslung tire carrier, Rear Bumper with step pad, Power Locks, Tachometer, Tire Pressure Monitoring Warning, AM/FM/CD Radio w/5 front speakers, Front Air Conditioning (will have a separate Pro Air compressor for patient compartment air conditioning), Power windows, Tilt/Telescope Steering Column, Driver & Passenger Air Bags, Reclining Front Seats w/ armrests, Front Rubber Floor Covering, Power Rack & Pinion Steering, Daytime running lights, Interior trim color - Gray, Exterior Color – Arctic White.

BODY FEATURES Dimensions: 124" Length"x 70" Width x 75" Interior Headroom

REAR STEP BUMPER: OEM Sprinter step bumper
INTERIOR HEIGHT: Minimum of 75 inches of headroom.
MIRRORS: OEM, Power/Heated fold away.
STATIC VENT, Fresh air intake: Located above ALS Cabinet.
UNDERCOATING: In accordance with chassis manufacturer's recommendations.
WHEEL COVERS: OEM Gray painted wheels

VEHICLE FEATURES

ANTENNA COAX: (1) Run from ceiling of module to behind driver seat
BACK UP ALARM: 97 decibel rating with momentary cut-off switch.
MASTER ON-OFF CONVERSION SWITCH: CDR 357 wired to ignition.
CLOCK: Digital in rear control panel
DOOR OPEN ALARM: Audible alarm deactivated when parking brake is set
DOOR OPEN ALARM: LED diagnostic board in electrical compartment
DUAL BATTERIES: 100 AMP batteries, (OEM locations).
GAUGES: Ammeter and voltmeter, digital readout.
HEATER/AIR CONDITIONER: Combination heater and air conditioner with thermostat control in patient compartment. Patient Compartment unit to have a ACC belt driven compressor, separate condenser and overhead evaporator.
INVERTER: Prewire only for Vanner inverter.
SHORELINE: 115V, 20amp with mating plug.
VENT, POWER: Marine style with 3-speed fan located streetside rear.
115 RECEPTACLES: (2) Duplex lighted hospital grade with GFI protection, (1) in action area and (1) on front bulkhead over ALS cabinet.

POWER DISTRIBUTION & CONTROL SYSTEM

POWER DISTRIBUTION BOARD: Etched trace "printed" circuit board with automotive style Bosch relays and circuit breakers, computer cable interface with control panels. NEMA rated FR-4, MIL STDs 810C; 55110D
ELECTRONIC CONTROL MODULE: Etched trace "printed" circuit boards with standard 5-minute time delay for module checkout lights, directs low voltage switching signals to Power Distribution Board. PLUG-IN OPTIONS AVAILABLE: Automatic Sequencer, Load Manager
FRONT CONTROL SWITCH PANEL: Console mounted between the front seats, Low voltage rocker switch controls for emergency lighting, black-out face with LED indicators, digital volt and ammeters, auto-reset back-up alarm switch, siren control head, emergency and patient compartment master switches, 3-light intercom, compartment & door ajar lights, all function switches, battery indicator lights and dual cup holders.

REAR CONTROL SWITCH PANEL: Low voltage rocker switch controls for interior lighting and 3-light intercom, blackout face with LED indicators, heat/AC controls, exhaust fan.
FRONT CONTROL SWITCH PANEL:

WARNING LIGHTS & SIREN

BODY WARNING LIGHTS: (6) Whelen Red 900 Series Super-LED, (2) front sides with Cast LH79221-1 & LH79222-1 castings, (2) rear sides with Cast LH79223-1 & LH79224-1 castings, (2) on back doors with Cast LH79219 & LH79220 castings. There is also (2) 900 amber LED's on back doors with Cast LH79219 & LH79220 castings. On the insides of the door (back side of the head knocker) there will be (2) Whelen red 400 LED lights, (1) Whelen amber 400 LED and (2) Whelen 700 LED Scene lights.

FLASHER: Vanner dual mode solid state.

FRONT LIGHT BAR: Whelen Justice LED Light Bar with Cast LB0051-1 & LB0052-1 brackets.

GRILLE LIGHTS: (2) Whelen 700 Series red Super-LED lights in Cast LH37766 & LH37767 castings below the headlights

INTERSECTION LIGHTS: (2) Whelen 400 Series red Super-LED beams w/ chrome flanges

LOAD LIGHTS: (2) Whelen 700 Series LED mounted behind rear head knocker

SCENE LIGHTS: (4) Whelen 700 Series LED mounted on each side (2) front sides with Cast LH37229-1 & LH37230-1 castings and (2) rear sides with Cast LH37231-1 & LH37232-1 castings.

SIREN: Whelen model 295HFSA7 dual tone siren located in front switch console.

SIREN SPEAKERS: (2) speakers w/-100 watt drivers (Cast SAP6301 & SAD6301)

INTERIOR

DOMELIGHTS: (8) halogen lights, (2) rows of four each side with each side switched separately, dual intensity.

SPOTLIGHT: (1) Optronics hand-held 400,000 CP, hard wired, mounted on engine cover, momentary button switch.

STEPLIGHT: LED light mounted in forward end of curbside rear stepwell.

OXYGEN, VACUUM & MISCELLANEOUS EQUIPMENT

ASPIRATOR: (1) Rico RS-4X disposable aspirator, hard plumbed to 12V electric vacuum pump, aspirator collection jar located in action area.

OXYGEN CYLINDER BRACKET: Zico slide-out bracket, Model QR-SA w/ QR-MV bracket.

OXYGEN OUTLETS: (2) Ohio quick disconnects in action area

OXYGEN WRENCH: (1) Chained in oxygen compartment.

VACUUM PUMP: GAST 12VDC, mounted under action area cabinet.

12 VDC OUTLETS: (2) For Cigarette style plugs, (1) in action area and (1) in ALS.

CABINETS & HARDWARE

ACTION AREA: Rear control switch panel, Heat/AC controls, thermostat on upper panel, oxygen outlets, suction aspirator in lower section.

ALS CABINET: ALS cabinet located right front bulkhead as per drawings

CEILING: ¼" Plywood covered with ½" foam and wrapped with white vinyl.

ASSIST RAIL: (1) 72" Stainless steel ceiling assist rail over cot area. (182.88cm)

CONTAMINATED "SHARPS" DISPOSAL: 1-quart container in 'A' bar at end of squad bench.

HAZARDOUS WASTE DISPOSAL: Rubber container mounted in 'A' bar at end of squad bench.

COT MOUNT: Ferno Model 175-5.

FLOORING: Lonseal heavy duty rolled up sidewalls 3 inches.

INSULATION: Fiberglass bats installed in walls and ceiling except in forward right corner (Air Conditioning) where 5/16" Reflectix foil insulation is used.

IV HOLDERS: (2) Dual bottle, CPI #2008 with rubber-swing down style, (1) each over cot and squad bench, chest area w/Velcro-retaining straps.

LABELS: (2) "NO SMOKING" signs, (1) in cab, (1) in patient compartment (2) "FASTEN SEAT BELT" signs, (1) in cab, (1) in patient compartment.

PLEXIGLAS DOORS: All sliding Plexiglas to be 3/16" (.1875") thick, clear. All sliding doors to have full-length aluminum pull handles.

SEAT BELTS: (4) Sets of automotive lap type; (3) on squad bench, (1) Technician's seat; (2) male end belts on face of squad bench for secondary patient.

SQUAD BENCH: Dual split lids with spring-loaded hold opens.

STREETSIDE CABINETS: Standard Guardian print with full wall cabinets including upper and lower sections.

TECHNICIAN SEAT: EVS 1782 with 3-point seat belt mounted over oxygen cabinet with steel bracing.

UPHOLSTERY: Thermal formed seamless vinyl.

BULKHEAD: Solid bulkhead with sliding pass-thru window.

WARRANTY

LIMITED CONVERSION: 48 months or 48,000 miles from date of original purchase

ELECTRICAL: Six (6) years or 72,000 miles from date of original purchase

PAINT, DECALS, LETTERING

PAINT STRIPING: Optional

STAR OF LIFE DECALS: Optional

FUEL

Fuel

Due to on-going product improvement and the changing requirements of the ambulance industry, SJC Industries , reserves the right to change this specification and the related product without prior notice and without any obligation to change prior products or parts.