

# **BUILD SHEET**

**Sierra Model 170**

**2020 Mercedes-Benz Sprinter 4x4 2500**

**Color: Pebble Grey**

**Stock ID: #14**

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## **+ MVAV foundation package**

- Full interior insulation
- Full interior anti vibration matts
- Advanced RV 170 insulation kit
- MVAV standard grey laminate flooring package
  - Loncoin II<sup>®</sup> vinyl flooring in nimbus grey (CN181) – by Lonseal<sup>®</sup>
  - ½" birch plywood base
  - 1" dow closed cell foamular insulation
- Dual zone recessed led overhead task and ambient lighting
- Arctic Tern<sup>®</sup> insulated dual-pane windows with retractable screens & privacy shades
  - Window a & b: 300mm x 700mm (driver and passenger rear panels)
  - Window c: 550mm x 900mm (passenger sliding door panel)
  - Window d: 450mm x 700mm (driverside middle panel)
- Paneling; prefinished semi gloss ¼" baltic birch
  - Wall, ceiling, rear doors, side passenger sliding door
  - Installed with sika flex 552 adhesive
  - Anodized aluminum T-slot trim for a seamless look

## **+ Cabinetry**

- Overhead cabinets with gas strut assisted doors and stainless steel hardware, ¾" baltic birch
- sink cabinet, ¾" baltic birch
  - Storage rack on inside door
  - Flip down table, BauBauche laminated veneer hardwood with walnut trim, Polyurethane Semi Gloss Finish
  - Sink counter top, BauBauche laminated veneer hardwood with walnut trim, polyurethane semi gloss finish
- Water cabinet with top drawer storage, ¾" baltic birch
- Large Electrical cabinet with access doors, battery and component airflow assisted by temperature controlled ultra quiet fans, ¾" baltic birch
- Fridge cabinet with flipup BauBauche Laminated Veneer Hardwood counter top, Polyurethane Semi Gloss Finish

- Under fridge storage drawer
- Flip-up bed platform
- Front cab overhead storage above driver and passenger seats

## **+ Water System**

- 32 gallon water tank
- Shurflow 12 Volt water pump
- Eco Smart Electric 1.5 gallon water heater
- Shower system with adjustable temperature control valve
- Ruvati stainless steel 16 gauge sink with spring extending faucet
- Grey water 5 gallon tank and gray water direct drain

## **+ Lithium 24 volt Power System**

**MVAV advanced power system: 12 DC, 24 DC, 120 Volt AC, and 230 Volt AC**

### **circuits**

- Custom MVAV PanelTronics control panel, appliance breakers and voltage display readout
- Solar package
  - 730 Watts REC highly rated wind and snow load solar panels – roof-mounted
  - Morningstar solar controller – 23 Amp max PSMPPT
  - RM-1 solar meter
- Lithium power package
  - 120 Volt outlets, usb ports, 12 Volt DC ports throughout
  - 24 Volt, 315 Amp hour UL listed – Lithionics 24GTX lithium battery (MH62316)
  - Lithionics advanced plug & play single channel BMS
  - Wall-mounted Lithionics State of Charge IonGuage State now Charge (SOC) display
  - Dual SD3500 pure sine wave form UL listed Cotek inverters – 7,000 Watts of 120/240 Volts, continuous power
  - Cotek CX2440 24 Volt automatic battery charger for charging from any remote 120 Volt source
  - Cotec CX2440 24 Volts automatic battery charger
  - CR-1 charger remote
  - Victron energy 24 Volt to 12 Volt DC converter 12 Volts DC to 70 Amps continuous for all 12 Volt circuits
  - Shore plug exterior plugin

- Engine driven high output 24 Volt DC alternator. Belt driven with custom mount and tensioner, charging at idle 70–90 Amps, rated at 150 Amps maximum while driving. Firewall-mounted Balmar remote regulator for alternator programmed for charging Lithionics battery systems.

## **+ Interior Options**

- Split unit a/c & heating, Mitsubishi unit rated at 9,000 btu cooling and 12,000 btu heating
- Tag-along seat from Sheel-Mann Vario series
- Kitchen package
  - 1 DUXTOP portable single burner induction cooktop
  - SnoMaster 96-quart stainless steel fridge/freezer – 120 AC – 12/24, BauBuche wood top mounted
- Custom MVAV high output air compressor and 2-gallon tank under-mount – including gauge and hose
- LED reading lights dimmable and red light equipped
- MVAV rooftop ultra-quiet vent/fan
- Dining tables, Sequoia flush mount table system with table storage under bed platform

## **+ Exterior Options**

- WeBoost cellphone booster, drive x
- Van Compass stage 3 suspension upgrade
- BFGoodrich KO2 tires (including spare)
- Flatline Van Co. side steps running boards
- Girard motorized awning with
- Owl Van tire carrier
- CA Tuned front bumper with tow rings
- Custom vinyl wrap
- Black Rhino Arsenal Wheels

