

3 POSSIBLE VAN TYPES

Parts	BUDGET	NOTES	MID RANGE	NOTES	HIGH END	NOTES
Camper Van Exterior						
Windows (Bonded/Caravan) Need at least 2 or more to provide ample light	•	Or roof vent for stealth	•		•	
Roof Vents			•		•	
Roof Rack			•	Can be left out	•	
Reversing Camera			•	Can be left out but very useful	•	
Awning			•	Non Motorised	•	Motorised
External Hook Up Points			•	Can be left out	•	
Non Standard Wheels & Tyres					•	Can be left out if not really going 4x4
Graphics / Paintwork motorhome/ caravan style graphics	•	Optional	•	Optional	•	Optional
Insulation						
Anti-Vibration Matting			•		•	
PIR Foam Board or Other Board	•	Can use cheaper alternatives like polystyrene	•		•	
Insulation Stick Pins	•		•		•	
Recycled Plastic Loft Insulation			•		•	
Double Foil Vapour Barrier	•	Or other vapour barrier	•		•	
Expanding Foam	•		•		•	
Foil Tape	•		•		•	
Sub Floor Construction						
Timber Battens			•		•	
PIR Insulation			•		•	
Foil Tape			•		•	
12-15mm Plywood	•	Just using a thicker ply for floor, no insulation	•		•	
Laminate or Vinyl	•		•		•	
Van Lining						
Timber Battens (offcuts)			•		•	
9mm Plywood	•	OR use the original ply lining	•		•	
Tongue and Groove Cladding			•		•	
Auto 4way stretch Carpet	•		•		•	
Trim Fix Spray Adhesive	•		•		•	
Electrical System						
Solar Panels			•		•	
MPPT Charge Controller			•		•	Victron Easy Solar are an all in one MPPT charger, Inverter and mains battery charger
Remote Controller			•	Optional	•	
Solar PV Cable & MC4 conns			•		•	
Leisure Batteries			•		•	
Blade Fuse Holder			•		•	
Negative Buzbar			•		•	
Isolators			•		•	
Fuses / Breakers			•		•	
Battery Cables			•		•	
Lugs and Crimps			•		•	
Flexible Plastic Conduit			•		•	
12v 2 Core Rubber Flex			•		•	
230v 3 Core Arctic Blue Cable			•	Optional	•	
Pure Sine Wave Inverter			•	Optional	•	Victron Easy Solar are an all in one MPPT charger, Inverter and mains battery charger
12v Sockets			•		•	
230v Sockets			•	Optional	•	
12v Lights			•		•	
12v Switches			•		•	
Mains Consumer unit			•	Optional	•	
Hook Up Socket			•	Optional	•	
25m 2.5mm Hook Up Cable			•	Optional	•	
Mains Battery Charger			•	Optional	•	Victron Easy Solar are an all in one MPPT charger, Inverter and mains battery charger
Battery to Battery Charger			•	Split charge, VSR OR DC to DC, Depends if van has smart alternator	•	Split charge, VSR OR DC to DC, Depends if van has smart alternator
Water Systems						
Hot Water Heater (LPG, Elec or Propane)			•	Optional	•	
Fresh Water Tank So under cooking facilities they may require running water whether manual or electric pump	•	Plastic jerry cans	•		•	
Grey Water Tank		Plastic jerry cans	•		•	
Tank Brackets	•		•		•	
Tank Level Gauge & Probes			•	Optional	•	
Drain Taps & Flex Hoses	•		•		•	
12v Water Pump	•	Manual Foot Pump Instead	•		•	
Water Filter	•	Possible to use cheap inline filter	•	Better inline filter kit than the budget setup	•	Reverse Osmosis
Expansion Vessel			•		•	
Isolating Valves			•		•	
JG LDPE Tube & Fittings			•		•	
Drain Cock & Vent Pipe			•		•	
Shower Mixer Tap					•	
Kitchen Sink Mixer Tap			•	Just cold water tap	•	
Insulation			•	Depends on whether tank is inside van or not	•	Depends on whether tank is inside van or not
Pipe Clips			•		•	
Waste Water Pipe & Fittings			•		•	
Appliances						
12v Fridge	•	Can get 12v cooler box	•	Either compressor fridge or good coolbox	•	
Cooker Oven / Hob	•	Camping Stove with gas canisters	•	Propane hob with small tank	•	
Kitchen Sink	•		•		•	
Toilet (Cassette / Compost)			•		•	
Shower Tray					•	
12v Smart Television					•	
Aerial / WiFi Antenna					•	
WiFi Internet Router					•	
12v DVD Player					•	
Heating System						
Warm Air Heater (LPG/Diesel)			•	Possibly £100 Chinese diesel air heater	•	
Heating Ductwork			•		•	
Heating Vents			•		•	
CO2 Detector	•	IMPORTANT	•	IMPORTANT	•	IMPORTANT
Smoke Alarm	•	IMPORTANT	•	IMPORTANT	•	IMPORTANT
Gas System						
Refillable LPG Bottle					•	
Gas Bottle Cupboard					•	
Bottle Brackets & Straps					•	
30mBar Gas Regulator					•	
Autogas Hook Up Point					•	
Copper Gas Pipework					•	
Isolating Valves					•	
Rubber Pipe Clips					•	
Drop Out Vents			•	For propane tank for hob	•	
LPG Gas Alarm					•	
Furniture Build						
CLS Framing Timber	•		•		•	
PSE (planed square edge) Cabinet Timber			•		•	
Furniture Board / Plywood	•		•		•	
Kitchen Counter Top	•	Can be made from a variety of things	•		•	
Edging Trim			•		•	
Drawer Slides	•	Can be ball bearing ones or just basic wood ones	•		•	
Door Hinges	•		•		•	
Latches and Handles	•		•		•	
Table & Leg	•		•		•	
Bed Frame & Slats	•		•		•	
Bed Mattress	•		•		•	
Bench Seat	•		•		•	
Seat Cushions	•		•		•	
Front Swivel Seats			•	Can Be Left Out	•	
Curtains & Cushions	•		•		•	
Bedding & Pillows	•		•		•	
Sundries						
Wood Screws / Self Drilling	•		•		•	
Wood Glue	•		•		•	
Sikaflex	•		•		•	
Mastic Sealing Strip	•		•		•	
Circular Saw Blades			•		•	
Paint	•		•		•	
Cable Ties & Clips	•		•		•	
Electrical Solder	•		•		•	
Tape (Masking / Electric)	•		•		•	
Spray Adhesive TrimFix	•		•		•	
Hole Saws			•		•	
Jigsaw Blades	•		•		•	
Drill Bits	•		•		•	
Sandpaper	•		•		•	
Router Slot Cutting Bit (T-Trim)			•		•	
Self Build Tools						
Battery Drill & Driver	•		•		•	
Jigsaw	•		•		•	
Circular Saw			•		•	
Trim Router			•		•	
Screwdriver set	•		•		•	
Socket Set	•		•		•	
Stanley Knife	•		•		•	
Rivnut Tool			•		•	
Battery Lug Crimp Tool			•		•	
25W Soldering Iron	•		•		•	
Wire Stripper & Crimp Tool			•		•	
Quick Clamps	•		•		•	
Tape Measure	•		•		•	
Straight Edge	•		•		•	
Pencils	•		•		•	
TOTAL (VERY ROUGH GUIDANCE)	£800 - £2000		£3000 - £5000		£7000 - £12,000	
GUIDE	• = Yes		NOTES FOR WHAT IS NEEDED FOR UK DVLA TO DECLARE AS MOTORHOME: "no all points included check DVLA website	https://www.gov.uk/government/publications/converting-a-vehicle-into-a-motor-caravan/converting-a-vehicle-into-a-motor-caravan#motor-caravan-internal-features	"this list has been provided only for guidance. Every van can be built differently. Some items may not be on this list and some figures may differ. ALL INFORMATION GATHERED 02/03/2020	