



**Owners**

**Manual**

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## Welcome to the Nomadic Family...

Congratulations on the purchase of your new Nomadic Off-Road Camper. As a 100% Australian family owned & operated business, we are so happy you have chosen to be part of our Nomadic family.

No doubt you are looking forward too many happy years ahead travelling this great country in a NOMADIC OFF-ROAD CAMPER and we cannot wait for you to share photos and blogs about your experiences. That said, like any vehicle or piece of machinery there is a serious side and we want to make sure you understand the importance of regular maintenance so that you can enjoy those hassle-free holidays.

Unlike a car, your camper may spend prolonged periods of no use. It is not until you go to use it again, that you realise you may not have checked the bearings after the last trip driving through salt water, or you have accidentally left the batteries to go flat. This handbook will help to answer most of the common questions we get asked daily in relation to product care and preventative maintenance. Our website is also a handy area for video tools and information.

Please read and if you have any questions, feel free to give us a call.

Again, welcome to the Nomadic Off-Road Campers Family.

**Adam Mathieson**

### FOR ANY ASSISTANCE WE ARE HERE.

**PHONE:** 1300 696 672

**EMAIL:** [service@nomadiccampers.com.au](mailto:service@nomadiccampers.com.au)

**SOCIAL:** Facebook – search Nomadic Off-Road Campers Owners Group

**WEB:** [www.nomadiccampers.com.au](http://www.nomadiccampers.com.au)

# IMPORTANT INFORMATION

## WHEEL NUTS

- Customers **MUST** check wheel nuts with a torque wrench set at **125nm** in the first 100km, 500km & 800km from collection. Customers **MUST** check before and after each trip or more frequently on corrugated roads. **DO NOT OVER TORQUE or USE A RATTLE GUN ON WHEEL NUTS.**

## WHEEL ALIGNMENTS

- Just like a car - Campers & vans will need a wheel alignment due to the adjustable nature of the suspension system. We recommend a **VISUAL** alignment after 500km and a full wheel alignment 8,000km thereafter. You **MUST** monitor the wheel position more when carrying heavy loads or on prolonged off-road use.

## BEARINGS

- Customers **MUST** check wheel bearings for movement and abnormally high heat with within the first 250km, 500km & 800km. Can be tested by putting the back of your hand on the centre wheel cap and feeling for heat. You **MUST** check frequently if using the camper after it has sat idle for extended weeks/months

## ELECTRICAL

- Flat Batteries, overcharging or discharging of batteries are **NOT** claimable under warranty **NO MATTER THE AGE OF THE CAMPER**
- Modification of the supplied 12v or 240v Electrical System by 3<sup>rd</sup> party operators will void the warranty unless evidence can be presented to prove the scope of works.

## PROTECTION & STORAGE

- It is the sole responsibility of the owner to ensure their camper is protected from weather when not in use.
- Sun, Hail or Organic matter damage resulting in peeling, mould or mildew build up in seals or cracking of the roof/seals are not warrantable.
- Caravans & Campers **MUST** be stored under cover or housed under an appropriate weather cover.

## INSURANCE

- It is the sole responsibility of the owner to ensure their camper is adequately insured for theft, damage etc.

## MODIFICATION POST SALE

- In accordance with ADR regulations introduced in July 2021, any modification made to any part of the camper must be completed by a licensed tradesperson and be approved by the OEM (Nomadic Off-Road Campers). Failure to do so or provide evidence will void all warranty claims.

## Service, Maintenance & Preserving the life of your Nomadic Camper

All Nomadic Campers are designed to be user friendly and low maintenance. Like all vehicles & machinery, routine maintenance **MUST** be performed by qualified personal, and records of service intervals **MUST** be kept ensuring the safety and reliable operation of your camper. The service periods below are based on normal road usage. For off-road or extended use, maintenance intervals will need to be more frequent and daily visual inspections are required.

Maintenance **MUST be carried out by a qualified person**, and it is VITAL that this schedule is maintained.

*B.E.T – Means Before Every Trip	INITIAL CHECK			SERVICE INTERVALS, every		
	100KM &/OR B.E.T*	2 <sup>ND</sup> 300KM	3 <sup>RD</sup> 800KM	5000km	8000km	15,000km
Torque Wheel Nuts to 125nm with Torque wrench. DO NOT OVERTIGHTEN	X	X	X			
Check All Hub Bolts, Swing Arm Bolts & Shock Absorber Mounting Bolts.	X	X		X		
Grease Swing Arm Nipples	X			X		
Check Driving, Numberplate & Clearance Lights	X			X		
Check/Maintain Trailer Plug	X					
Check/Maintain Anderson Plug	X					
Handbrake Test & Adjustment	X			X		
Check Coupling (see Coupling manual)	X					
Inspect Bushes & Test for Movement/wear				X		X
Lubricate Jockey Wheel (See Manual)	X					
Inspect Shock Absorbers for leaks/wear			X	X		
Check Wheel Bearings for Movement	X		X			
Wheel Bearing Service/Replacement					X	
Check Tyre Pressure	X					
Inspect Tyre Tread & Replace where required	X					
Full Hub & Backing Plate Inspection or Replacement					X	
Check / Test Brake Away Unit	X			X		
Test Water Pump	X					
Lubricate Pop-top Scissor System	X			X		
Inspect & Lubricate all External & Internal Gas Struts	X					
Check Battery Levels	X					
Perform Wheel Alignment			X Visual	X		
Roof Sealant Inspection/Replacement				X		

## **SHAKE DOWN TEST**

Unless otherwise specified you are purchasing a product that is new and unused. Nomadic Off-Road Campers undertakes a rigorous QC process prior to your collection of the camper however we have not used your camper under full load therefore we encourage customers to use the camper as much as you can in the first 2-3 months. We call this a shake down test!

This shake down test puts the camper under load. It is normal for the camper body to flex, water pipes and fittings to stretch and brakes to bed down etc. Should you have any issues during this period, please contact Nomadic Off-Road Campers Service on 1300 696 672 to speak with a member of staff.

## **SAFETY FOR YOU AND YOUR FAMILY BEFORE EACH TRIP**

1. **CHECK YOUR JOCKEY WHEEL & HITCH ARE SAFE, SECURE AND GREASED.** Do a quick visual check for cracks in the plastic or welds.
2. **CHECK YOUR DRIVING LIGHTS** all work when plugged into the tow vehicle i.e. brake lights, indicators etc
3. **GREASE YOUR SWING ARM POINTS** – There are 2 to 4 grease nipples on the swing arms that can easily be greased
4. **CHECK SWING ARM BOLTS** – Check the 4 swing arm bolts where the trailer connects to the swing arms are tight and there are no visual defects.
5. **CHECK WHEEL HUBS** - see service bulletin.
6. **CHECK WHEEL NUTS** – see service bulletin.
7. **ARE ALWAYS YOUR BATTERIES CHARGED?** You MUST always keep your battery charge level above 11.6volts.
8. **GRAB A SHIFTER** – there is nothing better than grabbing a shifter/socket set or spanner set and doing a quick tension check on all the visual nuts and bolts. Especially if you do a lot of off road/corrugated road driving.
9. **CHECK YOUR ELECTRONIC BRAKE CONTROLLER WORKS** - each manufacturer is different - refer to the electronic brake controller manual.
10. **ENSURE EVERYTHING IS SECURE** – the last thing you want is to get to your destination and the camp chairs on somewhere on the Bruce highway...!!!

## **ANNUAL MAINTENANCE**

As per our Standard Warranty Terms & Conditions maintenance is the responsibility of the owner. Nomadic Off-Road Campers is not liable to any warranty claims for poor maintenance, negligence, or wear & tear. Just like buying a new car, Customers are required to have their camper or caravan serviced annually or every 5000km (whichever is less) by a reputable service centre.

Items included at each service interval MUST include inspection & testing of:

- Wheel Bearings & Seals
- Wheel Nuts
- Wheel Alignment
- Brake Drum inspection & test
- Handbrake Cable tension & test
- Driving Lights test
- Electronic Brake Test
- Hub Bolt inspection & Tension check
- Swing Arm bolt inspection and tension test
- Swing Arm Grease
- Jockey Wheel inspection & Test
- Coupling Inspection & Test

Customers MUST keep a record of services as evidence may be required for any warranty claims.

## OPENING/CLOSING THE POP-TOP OF YOUR HYBRID – STEP BY STEP

1. Ensure there are no overhead obstructions where your camper is parked.
2. Remove lynch pins and release all over centre latches.
3. Open the main van door and all windows to allow for the **cabin pressure to reduce and mitigating against a vacuum effect.**
4. The simplest way is to lay on the forward bed facing the roof and push the lever arms upwards (like a bench press). Once the roof is 2/3<sup>rd</sup> of the way up, you can then turn around and push it up to the locked in stage. Be mindful the roof can be firm to raise should you have been driving for period. Push the scissors the whole way up until they lock into position.
5. **ALWAYS RAISE THE SCISSOR ARM** first and close these last.
6. Once the scissor is completely open, then you can open the opposite end by pushing the handle upwards until the roof is open. Once the roof is in the open position, fit the safety poles in position to avoid the roof closing in adverse conditions.
7. To close the roof, remove the safety poles and pull the rear handle down first until the roof is in the completely closed position.
8. Lay on the bed in the bench press position, Pull the scissor lever to unlock it then take the weight and slowly lower the roof.
9. NEVER LET the roof slam down.

## STORING CANVAS & VINYL

1. Never close or pack up your camper away wet.
2. Do not leave your camper packed away in a damp or wet state as moisture will destroy any canvas & vinyl. the vinyl section must be dry, clean and free from dirt.

During any instance that you are required to pack away your Camper in the above state, **AS SOON AS POSSIBLE, OPEN YOUR CAMPER & ALLOW IT TO DRY.** On any of your future departure dates, there is rain, forecast, we suggest you place a cover over your Camper Tent. Only use fresh or warm soapy water on the vinyl sections.

## STORING YOUR CAMPER OR CARAVAN

To protect your camper or hybrid from harsh environmental factors, you **MUST** store the product undercover in a dry setting. If this is not able to be done, you **MUST** use a good quality caravan cover.

We recommend that for trouble free operation and longevity of your camper that you:

- Open your camper after heavy rain or humid events to inspect for water ingress or intrusion due to a seal that has not been seated or closed correctly.
- Clean all surfaces of the caravan with mild soapy solution and warm water, and rinse with fresh clean water and make sure all canvas is dry before storage. Never pack up a wet tent and leave for a period greater than 1 day before drying out, this will help prevent mould and mildew.
- Lubricate hardware with silicone spray (or similar) do not use grease or similar product as this attracts dust and dirt and accelerate wear.
- We encourage customers to use **Lenox** spray on their camper. Simply spray on and wipe over the entire camper regularly.
- Be aware of the use of pressure washers - these are often powerful and can direct spray under trim and damage bodyworks, stickers, and seals.
- Because your trailer often stands in one place for long periods this can cause your tyres walls and inside the treads to crack. Keeping the wheels regularly turned, placing on tyre-saving devices, or lifting off the ground helps to cut down the cracking process.
- Check your fire extinguisher charge regularly (at least annually).
- When camping near the beach or ocean remember to wash your Trailer, tent, and wheel rims regularly with a mild detergent to prevent corrosion and rust.
- When travelling in dusty (Bull Dust) conditions ensure you travel at a speed to minimise dust intrusion.

- Ensure Aircon Vents are properly taped up and sealed before travel on Dusty roads (Bull Dust) or water crossings (must be untapped before using appliance) Also taping of all exterior keylocks and switches and water fillers is highly recommended. A cloth backed tape is recommended.
- Inspect all seals regularly and ensure there is no damage, and that the adjustment is set correctly as the seals will need adjusting as required. This is the responsibility of the owner to ensure the seals are correctly adjusted for maximum seal performance.
- Travel at a speed to suit conditions. Limit speed over corrugations, lower tyre pressures and take frequent stops to allow shockers to cool.
- Ensure that your trailer is regularly serviced by a trained and competent person as per our Maintenance Schedule.
- Over the summer wet season or prolonged rain periods you MUST open and air your camper monthly to prevent moisture build up due to the humidity.
- Once a month run a charge cycle through your batteries as this will prolong battery life

### **LEVELLING YOUR VAN WHEN CAMPING**

All customers need to remember that the roof on a Hybrid camper is flat and because we like to add lots of things to our roofs such as Airconditioning systems, dust reductions systems, solar etc this can cause the roof to flex downwards. As a result, water from rain, dew and your air conditioning system will pool on the roof. Our roofs are sealed using high quality silicone sealants however over time the Australian suns harshness, body flex and driving conditions, the seals may be jeopardised. Pooling water can be an issue as the smallest or most minute hole can create the biggest of problems. It also allows for mould/mildew to grow on the roof.

**When camping use your jockey wheel to **slightly** raise or lower your caravans' nose to allow the water to run off. For caravans and hybrids in storage you **must** lower the nose to allow for maximum water runoff.**

## **THINK SAFE - TOW SAFE – LOAD SAFE**

### **Loading and weights**

Correct loading is the responsibility of the caravan owner. This caravan has a **low-ball when empty**. It has been designed this way due to the bulk of the storage being located at the front of the van.

We recommend limiting the amount of water in the rear tanks if you are towing the van without any goods being stored at the front. This will make for safer towing.

### **Breakaway switch**

The breakaway switch uses the main batteries on this van for power. The switch must be connected always. Do not use the breakaway switch as a park brake as this will flatten your batteries.

### **Awnings**

Shade awnings must be pegged to the ground and roped for safety. Awnings must be retracted in moderate to strong winds.

## YOUR CAMPER IN DETAIL

**Jockey Wheel** - Your Camper is fitted with an Ark XO750 off road hitch. This is a fully adjustable jockey wheel with removeable handle. For product information and maintenance please visit <https://www.arkcorp.com.au/product/xo750-jockey-wheel-xl/>

**Coupling** – depending on the model, your camper is fitted with a DO-35 coupling as standard. For product information and maintenance, please visit <https://cruisemaster.com.au/cruisemaster-do35-v3plus/>

**Break Away Switch** – Campers over 2t ATM must be fitted with a break away controller. This is designed to engage the trailers electric brakes should your camper become separated from the tow vehicle. The breakaway switch operates from the vans main batteries so **DO NOT LEAVE THE PULL CABLE OF THE SWITCH DISCONNECTED**. This will cause your batteries to flatten within a matter of hours.

For information – <http://www.coastrv.com.au/products/car-accessories/brake-controllers/item/tekonsha-breakaway-switch-2010>

**Shackles** – We have supplied 2 rated D- shackles which must be attached to your vehicle when towing in a crossed over formation.

**Anderson Plug** – There is a 40amp Anderson plug on the front of the camper which is connect to the main caravan batteries. The Anderson plug is great for charging your caravan whilst driving via your tow vehicle. This is a 40amp Anderson plug.

**Handbrake** – The handbrake system is attached to the brakes via a cable system. **NEVER** trust a handbrake on an incline. Always chock your wheels. Over time this cable will stretch and will need adjustment. This must be done regularly during service periods.

**Gas/LPG Storage** – Your camper has storage for 2x LPG gas bottles (4.5kg or 9kg depending on model). If stored inside a box, the box will be vented in accordance with Australian Gas regulation and is plumbed by a licenced plumber. Whilst driving, during storage or when the gas system is not being used, gas bottles **MUST** be turned off. Never store items with open flames or ignition sources in the storage box.

The main gas line is plumbed to your internal hob (option) and main hot water system. It is also connected to a bayonet fitting near the kitchen which will need to be plugged in for the external gas cooker to work. This gas line is located on the underbody of the kitchen at the rear of the cooktop.

**Access hatches, locks, latches, and rubber seals** – All locks and latches on the camper are adjustable so over time as your rubbers naturally soften you can adjust the door latch to keep your doors etc water & dust tight. It is also recommended to use a silicone spray on the rubbers & fitting to protect them. **DO NOT LET DOORS DROP DOWN** or SWING OPEN without assistance as this can damage the door and/or break the hinge system. Doors **MUST** be locked when in transit.

**Water Tanks & Fill Points** – The correct filling of water points is vital for safe travelling. Be mindful of your water capacity and **NEVER** overfill the rear tank if you are not carrying sufficient equipment in the front storage sections of the camper. **TO MUCH WEIGHT IN THE REAR OF A VAN WILL RESULT IN TRAILER SWAY**. Fill the tanks slowly from a regular garden hose. If you apply to much pressure, your tanks will not fill correctly due to air blow back. You **MUST** keep your fill points lubricated to stop the mechanism and seals from seizing.

**Thetford Toilet Cassette** – Your Camper is fitted with a Thetford Toilet Cassette system. For product information, hygiene, maintenance, and instructions on how to use it, please see - <https://www.thetford.com.au/product-category/cassette-toilets/>

**Hot Water System** – your hybrid is fitted with a Truma Ultra Rapid Gas hot water system. These units have several safety features and as a result can be temperamental if not used regularly. For ignition sequence instructions, maintenance, and information, please see - <https://www.truma.com/au/en/products/truma-hot-water-system/ultrarapid>



**MAIN DOOR** – Your main door is fitted with a travel lock and cabin lock. The Travel lock **MUST ALWAYS** be **LOCKED** when the camper is in transit. This will prevent the door opening when the body of the camper flexes. Always use the cabin lock to keep your door opened.

**BATTERIES** – Your batteries are fitted to operate a 12v system (not 24v). They are stored under in a designated battery compartment. Your batteries must always be charged using the onboard charging system to avoid losing your warranty. **Never** rely totally on solar panels to charge your batteries for extended periods. **NEVER CHARGE** Batteries in a sealed or enclosed environment and always ensure adequate ventilation when charging **I.E OPEN THE CARAVAN WINDOWS AND DOOR.**

**SOLAR CHARGING YOUR BATTERIES** – Your camper is fitted with solar panels to help charge your batteries. The energy generated from the solar goes through a solar controller or DCDC charger to control the flow to your batteries. This can be between 10-50amps per hour. Solar is a great off grid option however you **MUST** never rely on solar charging for extended periods of use. A vehicle charge through the Anderson plug or 240v charge will be required to keep batteries adequately charged.

**BATTERY CHARGER** – depending on the model, your camper is supplied with a 240v Battery charger. All Nomadic Off-Road Campers battery chargers are smart chargers and can be set to do a low charge (slow charge when at home or in storage) or faster charge for when a boost is required. Please refer to the owner's manual for information.

**INVERTER** – Inverters are a great source of power when off grid. Depending on the model fitted (usually 2000w pure sine wave) you should know your inverters limits and ensure you do not exceed this limit. Exceeding the limit will destroy your main batteries. Please refer to the owner's manual for each inverter.

**AIR-CONDITIONER, LIGHTS, SOCKETS ETC** – all the lighting and sockets in the camper are 12volt so there is no shop-to-shore power switch. The Power points and Air conditioner will only operate when a 15-amp approved RV power lead is connected. If the 240v power does not come on, check the RCD safety switch has not tripped.

**WATER INGRESS** – Your camper is sealed using Quality RV sealants in Australia however when stored in the open elements and/or during travel the body will flex and seals can shrink or come away. Water can travel into the smallest of holes and cause damage. It is for this reason that you **MUST** check for any water ingress after significant rain events and whilst stored at home. Seals and silicone **MUST BE CHECKED** annually for deterioration or fatigue.

**ANTS & VERMIN** - Food **MUST** not be stored in a camper trailer when the camper is not being used. Vermin can build nests inside the smallest of cavities and create problems with electrical wiring and plumbing. Ants have been known to create holes in silicone to access food, left over grease/scrap mould or mildew. This will create a water ingress point

**PLUMBING HOSES AND FITTINGS** – Your camper has fittings and hoses supplied by global leader John Guest Fittings. These are a hard-wearing push/pull sealed fitting designed for the RV and Marine industries. Because of body flex or fluctuating water pressure, some fittings can come loose and leak. This is more common when the camper is new as the fittings are bedding in. If you notice a slight leak it is best to isolate the pipe and switch off the water pump/supply. By pushing the collar of the fitting back, the hose can be removed. Check the hose is cut neatly and cut clean (not on an angle). Most times the hose can be pushed back into position without issue. If you find the leak continues or the cut is not clean, try re-cutting the pipe or contact Nomadic for assistance.

**SLIDES RAILS** – Your camper has numerous slide rails of various sizes. If you find the rail not sliding smoothly or jamming it could be a bearing is jammed or there is an obstruction. **DON'T FORCE IT.** Most times you can apply a silicone-based lubricant on the slide, and it will loosen the slide rail. If the problem persists, contact Nomadic Off-Road Campers or complete a warranty claim online.

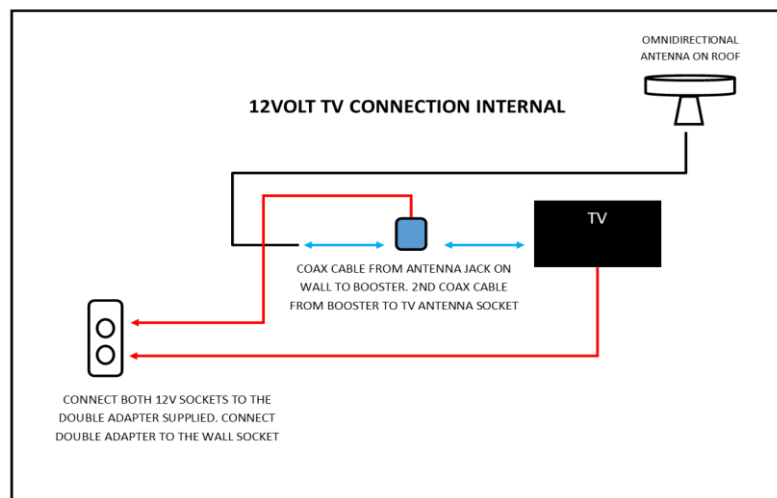
## **AWNINGS**

All awnings and annexes supplied by Nomadic Off-Road Campers must be used in accordance with the manufacturer's guidelines.

- The wind out awnings are designed to be a sunshade awning.
- Pegs & Ropes must always be used.
- In light to moderate rain events customers MUST monitor water build up on the roof surface and change the pitch of the awning to allow water run-off.
- Winds above 15-20knots – the awning must be retracted.
- The awnings are not designed for heavy rain or severe weather events.

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**Connecting your TV** – Please see the diagram below for instructions. Ensure you lock your TV bracket and TV in when travelling.



## CHECKING WHEEL HUBS

Wheel Hub bolts must be checked prior to every trip. In addition, we recommend a check every 100-200km on off-road/corrugated road environments and every 500-800km in normal drive conditions.

It is important to check your wheel hub bolts & nuts are tight to prevent uneven wearing on wheels, incorrect camber or in the worst case, a hub coming loose. To check your hub bolts and nuts are tight, simply check the nuts on the back of the hub are tight with a hand spanner. To check the size spanner required refer to the nut size. Do not over tighten or use a rattle gun.



## CHECK WHEEL NUTS

Wheel nuts must be checked prior to every trip. We recommend you check them every 100-200km on off-road/corrugated road environments and every 500-800km in normal drive conditions.

It is important to check your wheel nuts are tight to prevent uneven wearing on wheels, or in the worst case, a wheel coming loose. To check your nuts are tight, simply check the nuts with a 19mm wheel nut lever or torque wrench (setting 125nm). **Do not over tighten or use a rattle gun.** A quick way to monitor wheel nut movement is to purchase wheel nut indicators.

The first time you drive away: You **MUST** Check your wheel nuts @ 100km, 200km, 500km.



No wheel nut indicators

Shown with wheel nut indicators

**RUBBERS, SILICONE AND SEALS:** Rubbers, seals and silicone will naturally deteriorate if not treated or maintained correctly. You MUST regularly lubricate, clean, and maintain all silicone, seals, and rubbers. These items MUST also be kept out of the direct sunlight when stored. To stop door rubbers sticking, you MUST open them regularly.

**STABILIZER LEGS:** A spindle has been supplied to allow you to lower & raise them. Please ensure they are raised & secured on each occasion before your departure. This MUST prevent them lowering during travel & sustaining any damage, PLEASE NOTE; STABILIZER LEGS MUST NEVER BE FULLY EXTENDED TO SUPPORT THE CAMPER, IN THE EVENT OF NEEDING FURTHER ADJUSTMENT, WE RECOMMEND USING CHOCKS UNDERNEATH THE LEGS.

**CLEANING WATER TANK:** All campers fitted with water tanks, must be cleaned before and after use (this will help prevent any contamination). This type of product can be purchased from most major camping stores

**CONDENSATION:** Condensation is a natural occurrence in cold weather. In confined areas like campers and hybrids the body releases more moisture than the canvas can dispose of. To minimize the chance of condensation, we recommend slightly opening the window of the Nomadic Off-Road Campers or tent to enable airflow on cold nights.

**MOULD:** Most moulds need 24-48 hours of moisture to begin to grow. Therefore, if a suitable material in your camper/tent is wet for more than 24 hours then you run the risk of mould starting to grow. Many species of mould can begin to grow from humidity alone if the humidity stays high for long enough. In fact, the humidity only needs to be higher than 55% before some moulds can begin to grow.

#### **MAKING A WARRANTY CLAIM.**

All warranty claims must be lodged through our website using our online Support Form with as much information as possible. Failure to provide enough information or incorrect information may result to delays or a rejection to your claim.

To submit a warranty claim, please follow the instructions listed below.

1. Complete the online warranty claim form on our website - <https://www.nomadiccampers.com.au/customer-portal>
2. We will validate ownership details
3. A member of our team will contact you within 3-5 business days of the claim being received and advise you of the status
4. Please note Any claims for repairs carried out without prior authorization will be denied.

#### **BATTERIES AND BATTERY MANGEMENT**

The most common customer service request and most common question asked is “**how long can I get out of my batteries?**”

This is a “can of worm’s” question as there are so many variables such as:

- Supplied battery type and amp rating.
- Ambient temp / fridge temp.
- Battery charging system - dual vehicle battery or standalone charge at home.
- How often you open the fridge door.
- How much gear is in the fridge.

An example is - An Evakool 75ltr fridge running at 5 deg-C on a 32 deg-C day can draw approx. 2-4 amps an hour if you do not open the door and it is not in direct sunlight. A more common average would be working on the fridge using up to 4-6-amps an hour, as the unit will have a duty cycle most likely it would be slightly less if used as a fridge and more if used as a freezer.