

LUXURY 2 BERTH MOTORHOME



# AVIDA LEURA



HOW TO GUIDE LEURA



# AVIDA



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## Motorhome How to Guide

*This booklet is a quick reference guide to the most common operating features. For more details and instructions, please refer to the handbooks provided.*

*The information contained in this booklet is accurate at the time of printing but from time to time inclusions and specifications change. We will endeavour to update this operation guide on a regular basis. Please contact Avida Customer Relations for an updated copy of the Operation Guide if necessary.*

*We hope you enjoy your experience and the motorhoming lifestyle.*

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# Specifications

Height	2890mm
Length	6714mm
Width	2320mm
Wheelbase	4035mm
Actual weight -TARE	3088kg approx.
Maximum weight -	GVM 4400kg
Sleeping	2 persons
Seat belts	2 persons
Chassis	Fiat Ducato X295
Engine	2999cc turbo diesel, optional 2287cc
Fuel	Diesel
Gearbox	6 speed automated manual, optional manual

## Fuel

Fuel type	Diesel fuel only
Fuel tank capacity	125 litres
Fuel usage guide	11litres / 100km at 90km per hour

## Weight & Licencing

Weight is an important factor in a motorhome. An overloaded vehicle can seriously affect the brakes and suspension thus affecting the safety of you and others on the road.

A tare (unladen) weight is provided to the relevant authorities for registration purposes. You need to be aware of tare weight and also be able to calculate the weight of the driver, passengers, personal items, food, fresh water and fuel, for the total weight of your motorhome and ensure you do not exceed the GVM (Gross Vehicle Mass).

There is some capacity left over for other things but you need to ensure that what you bring on board is absolutely necessary. **DO NOT OVERLOAD THE MOTORHOME.**

The Leura has a GVM of 4400kg, it allows these vehicles to be driven on a standard car licence.

### Weighbridges

As the Leura has a GVM of less than 8000KG, you are not required to enter a weight checking station unless specifically directed to by an authority.



# Travelling Checklist

Before you set out on your next motorhome trip, take a while to check out the following items:

## 1. Chassis

- Check that fluid levels are in operating range (oil, power steering, engine coolant, windshield washer, transmission, brake fluid etc.)
- Check starting battery for clean terminals and connections, top up with distilled water if necessary
- Check the operation of all lights and flashers
- Check horn and reversing beeper
- Start engine and check all gauges and warning lights
- Check foot brake and hand (parking) brake
- Check all wheel nuts for tightness
- Check all tyre pressures, including the spare

## 2. Generator

- Check that the generator is clean as excess dirt can affect its operation
- Service the air cleaner as per the owner's manual
- Check oil level and change as required by the owner's manual
- Check generator starting battery for clean connections and proper state of charge
- Keep governor and choke linkage clean
- Check manufacturer's owner's manual to insure proper maintenance has been performed

## 3. Air Conditioning

- Check air filters and clean if necessary
- Check to see if cooling coils are clean and free of debris
- Check that condensing unit is clean, free of obstructions and nothing is blocking flow

## 4. Inside the Motorhome

- Turn off the water pump switch
- Close all windows and vents
- Check that cupboard doors and drawers are closed
- Check that the refrigerator door is fastened
- Check that no heavy articles are stored in overhead cupboards
- Check that counter tops, range top, table tops and shelves are clear of unsecured items
- Check the location of fire extinguisher(s) and that they are fully charged

## 5. Items You May Want To Take With You

- Adequate supply of prescription medicines and copies of prescriptions
- Prescription sunglasses and prescription
- Camera and memory card, video camera
- Mobile phone and charger
- Stationery and stamps
- Address book and telephone list
- Reading material
-

- Spare parts - set of engine drive and accessory belts, coolant hoses, fuel, air and oil filters, oil, reflective emergency triangles, light bulbs, fuses and a 12 volt trouble light with cord
- Accurate tyre pressure gauge
- Spare parts for generator - spark plugs, oil, air filter
- Emergency items - first aid kit, heating pad, ice pack
- Pet supplies
- Extra toilet chemicals and toilet paper
- Maps covering the areas that you are travelling to

## **6. Things to Consider**

- Be sure that your Motorhome insurance is current and that you have a copy of your policy and emergency numbers with you
- Avoid carrying a great deal of cash while travelling and use credit cards instead - keep one credit card for emergencies
- Confirm any reservations well in advance
- Make a clothing checklist
- Secure home and valuables before leaving
- Discontinue appropriate home services, mail and newspaper deliveries
- Notify neighbours and family of departure and return dates

## **7. If Towing a Trailer**

- Check the tow bar is hooked up
- Check the safety chains are crossed under the coupling and hooked
- Check the trailer lights are working
- Check the trailer's braking system is functioning

## **8. Just Before Driving Away**

- Disconnect and stow electrical cord, sewer hose and water hose
- Check TV antenna to ensure that it is in the stowed position
- For safety's sake, the gas should be turned off or have a device to shut off the supply should a rapid leak occur
- Check that items inside compartments are secure and that compartments are locked
- Check the levelling jacks are in the raised position
- Check the awning is up and secured
- Check the door step is retracted
- Check the outside door is locked
- Check the rear view mirrors and driver's seat are properly adjusted
- Check your campsite is clean
- Check everyone is buckled up

# Before You Drive Off

- Turn off the water pump switch
- Close all windows and hatches
- Check that cupboard doors and drawers are closed
- Check that the refrigerator door is fastened
- Check that no heavy articles are stored in overhead cupboards
- Check that counter tops, table tops and shelves are clear of unsecured items
- Check TV antenna to ensure that it is in the stowed position
- Check that the TV is locked into its travelling position
- Check that the sink and vanity basin are empty of water
- For safety's sake, the gas should be turned off
- Disconnect and stow electrical cord
- Disconnect and stow the grey water hose
- Disconnect and secure the fresh water hose
- Check that the grey water tank is empty
- Check that items inside external storage bins are secure
- Check that external storage bins are locked
- Check that the awning is up and arms secured
- Check that the door step is retracted
- Check that the rear view mirrors are properly adjusted
- Check that the driver's seat is properly adjusted
- Check that items like camp chairs and tables are properly secured
- Check that your campsite is clean and litter free
- Check that your rubbish bin has been emptied thoughtfully
- Check that your campfire is out
- Check that everyone is buckled up
- Warm up your engine for a couple of minutes before you set off

## Plan Your Exit

- Look for low lying branches or wires
- Watch out for children and animals
- Take the easiest road out
- Check your fuel level and tyre inflation



# The Chassis

The chassis is a Fiat Ducato X295 model. It is equipped with luxury features such as:-

- Automated manual transmission/manual optional
- Power steering
- Electrically adjustable external mirrors
- Electrically adjustable windows
- Cruise control
- Central locking
- Air conditioning
- Driver and passenger airbags
- Trip computer
- ABS braking
- ESP stability control
- Engine immobiliser
- Swivel cabin seats with an arm rest
- Integrated AM/FM radio/CD player with Bluetooth
- Tom Tom Sat/Nav\*

Please refer to the Fiat handbook for more information on these features.

\*The radio system and its manuals may contain built in features such as navigation or reverse camera however these features are currently not supported in Australia.

## Fuel Filler

This is located on the left side of the cabin near the passenger door and requires the ignition key to unlock it.

The vehicle is to be filled with diesel fuel only from standard or fast fill pumps.

## Bonnet Release

This is located on the passenger side under the dash.

## Spare Tyre

The spare tyre is located under the rear of the motorhome. The jack, tools and wheel brace can be found under the passenger's seat. A winder is provided inside a storage area to wind your spare wheel down.

Please refer to the Fiat handbook before attempting to change a tyre or contact Avida Roadside Assist on 1800 RV HELP (1800 784 357) to change the tyre for you.

# Electrical

There are two separate battery systems, a battery for the chassis and a 100 amp deep cycle battery to power the lights and 12 volt appliances inside the motorhome. This means that usage in the motorhome cannot flatten the chassis battery.

Each time you start the engine, the vehicle alternator will charge both sets of batteries.

Whilst you are camping, the house battery operates the lights, the TV/DVD, water pump, range hood and the ignition for the gas hot water service, stove and oven.

The battery does not operate the power points, the air conditioner, the hot water system or the refrigerator (unless whilst driving). These items require the motorhome to be plugged into a 240 volt source.

There is a 16 amp battery charger which automatically charges the motorhome battery when the motorhome is connected to a 240 volt source. The battery charger also supplies a trickle charge to the chassis battery to assist with its maintenance when parked for extended periods.

The motorhome 240 volt electrical system is designed to operate on a 15 amp circuit and requires a suitable power lead with 15 amp socket to connect to the motorhome and a 15 amp plug to connect into a 15 amp power supply.

It is not legal to use a power lead which has a 15 amp female socket and a 10 amp male plug to connect into a standard household 10 amp power point.

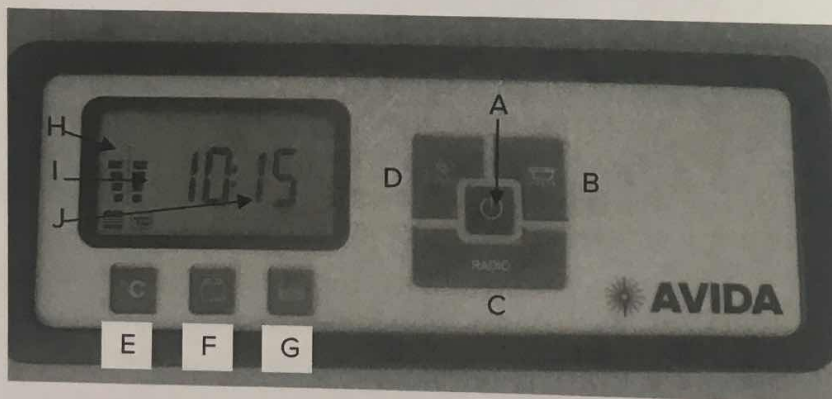
As the electrical system operates off a 15 amp circuit, power management is needed when selecting which 240 volt appliances to run simultaneously in order to avoid overloading and tripping circuit breakers.

The battery charger may use 4 amps and the hot water service may use 6 amps, leaving only 5 amps for the roof air conditioner or other appliances.

Please use care when running electrical appliances. As you develop your understanding of the appliances and consumption, you will realise the battery charger will start automatically when connected to 240 volt. However as the battery charges, the level of consumption will reduce and as the hot water heats up, the thermostat will turn off resulting in more power being available for other appliances.

## Electrical Control Panel

This turns the power to the motorhome on or off and performs other functions as well:



- A- Main on/off switch
- B- Lights master switch
- C- Not an available function with the Fiat chassis
- D- Main water pump switch
- E- Temperature
- F- Battery charge and usage
- G- Water tank levels
- H- Displays fresh water level
- I- Displays battery charge
- J- Displays the time

To turn power on or off, hold in the centre button A for 5 seconds. The panel will light up.

Press button B to turn all the lights on or off (providing they are all individually switched on)

Press button D to switch the water pump on or off. If on, the secondary water pump switch near the vanity must also be on for the pump to work.

Press button E to check temperatures in degrees Celsius. Press once for inside temperature and twice for the outside temperature.



Press button F to view:

1. Press once - Motorhome battery voltage held in batteries – it should be above 11.5 volts
2. Press twice - Motorhome battery usage in amps – usually around 2.5-3 amps with no lights on, 11 to 14 amps with lights on. There is a 100 amp battery on board so divide the usage into 100 amps to estimate the battery time you have if you didn't turn anything off. It is best to conserve battery power.
3. Press three times - chassis battery voltage held. Should be 12 -13 volts.

Press button G once to view the approximate amount of fresh water left and twice to view what is in the grey water tank.

Display H indicates fresh water levels – the more bars the better.

Display I indicates the motorhome battery status.

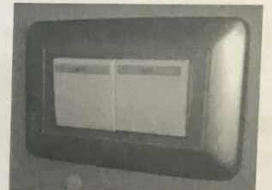
Display J is the current time.

The control panel should be left on when travelling to power the refrigerator and lights.

### Lighting

The lighting throughout is powered by 12V via the Electrical Control Panel, the use of internal lighting requires the Lights Master Switch (B) to be selected.

While the lights have a switch or button incorporated into the light, the ceiling lights also have a convenient auxiliary switch mounted on the side panel as you enter the doorway which allows you to turn the lights on as you enter. Switches for the awning and grab rail lights are also adjacent to the auxiliary switches for the ceiling lights.



Light switches

Once the ceiling lights are on, by pressing their own button, the lights can be changed from a full light to a half powered light. Pressing the button again will return to the normal full light, pressing the button again will turn the light off.



Ceiling light and button



Half light

## Beds

There is an electric roll down bed, above the lounges, which is lowered from the ceiling. The bed is controlled by a switch, located on the front panel of the kitchen bench, to lower the bed to a desired height.

There are limit switches installed into the bed posts which will stop the bed once it reaches its maximum travel in either direction. Release the operating switch once the bed reaches the desired height or limit switches.

Remove the table and leg to enable the bed to reach its lowest position.



Roll down bed lowered



Bed switch

**Note:** Use caution when lowering the bed to ensure the bed does not make contact with the back rest cushions or the table, as damage to the cushions or table may occur. The back rest cushions and the table may need to be removed to suit the desired height of the bed.

**Note:** It is illegal to travel whilst lying down on a bed or walking around the motorhome. All occupants must be seat belted in whilst the vehicle is in motion.

## Gas

Gas is an important source of energy in a motorhome, especially if you are free camping away from an electrical source. It is used by the stove, hot water system and the refrigerator.

The motorhome carries 2 x 4kg LPG gas bottles located in an external storage bin labelled "gas".

To change or fill a bottle, turn the gas bottle off and unscrew the feeder pipe clockwise. To refit, screw the feeder pipe back into the bottle anticlockwise ensuring it is finger tight – do not use tools to tighten.

It is recommended that whilst travelling, gas bottles are turned off by turning the knob at the top of the bottle clockwise.

**Note:** Have the empty or low gas bottles filled at your earliest opportunity to ensure you are not caught without gas.

Gas is very safe but for your peace of mind, we have installed a gas alarm located near the floor at the entry door. If the alarm goes off, evacuate the vehicle leaving the door open and ensure the gas bottles are both turned off.

### Stove and Hot Plates

Gas must be turned on at the bottle (located outside).

To turn on a hotplate:

- Select the hotplate to use
- Select the applicable knob- note the arrows pointing from knob to hotplate
- Turn the knob anticlockwise to the first setting
- Hold the knob in whilst briefly clicking the igniters switch to ignite the gas
- Once the gas has ignited, hold the knob in for around 5 seconds or else the gas will go out
- Adjust the gas flow lower by turning the knob anticlockwise

To turn on the griller: - **Must only be used with the door open**

- Turn knob to high and hold in
- Press the igniter located on the left of the griller
- Hold the dial in for 5 seconds until the gas ignites
- Adjust the temperature of the griller accordingly



# Awning

The Leura is fitted with a wind out shade awning for your comfort. It is simple to operate which will become easier with a little practice.

**Warning:** This awning is designed to be a shade device only. The awning must be stowed in case of heavy rain or strong winds. Damage caused through bad weather will void the warranty for the awning.

It is very important that you completely read these instructions **BEFORE** attempting to use the awning. Failure to do so may result in damage to the awning. Be sure to follow each of the below steps in exactly the same order as shown.

**\*DO NOT ALLOW CHILDREN TO OPERATE AWNING**

**\*ALWAYS STOW THE AWNING AWAY BEFORE GOING TO BED OR LEAVING THE VAN UNATTENDED AS WINDS MAY SUDDENLY RISE**

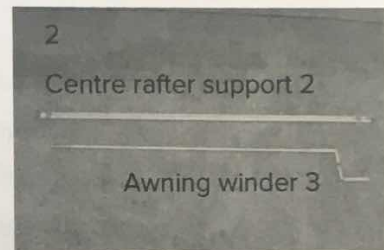
**\*DO NOT DRIVE THE VEHICLE WHILE THE AWNING IS EXTENDED**

## TO OPEN THE AWNING



**Step 1)** Locate the eyelet (1) on the awning and insert the hook of the winder (3) into the eyelet. Wind the handle counterclockwise to extend the awning (fig. 3).

**Note:** In order to avoid unnecessary strain on the awning as well as on the vehicle side, it is necessary to take out the legs when the awning is unrolled approximately one metre from the vehicle (fig. 8).



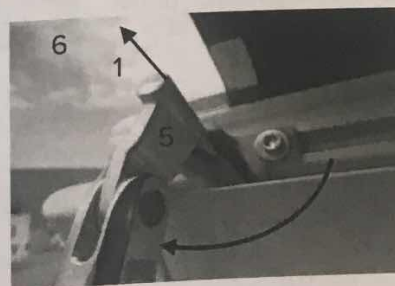
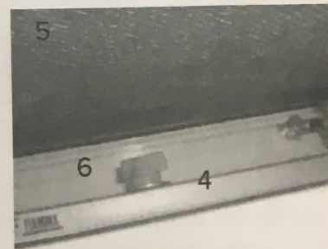
**Step 2)** Grasp the leg (4) near its hinge-joint (5) and pull it toward you to release the leg and allow the leg to rotate (fig. 4).

**Step 3)** Loosen the locking nut (6) on the leg (fig. 5).

**Step 4)** Unhook the leg and pull outwards from within the frame and rotate leg at the hinge joint (5) (fig. 6).

**Step 5)** Lower & extend the leg to the ground, tighten the locking nut (6) to support the weight of the awning (fig. 7).

Repeat steps 2, 3, 4 and 5 at the other end.





**Step 6)** Continue winding the awning out, stopping at one metre intervals to reposition the legs to continue supporting the awning (fig. 8 & 9).

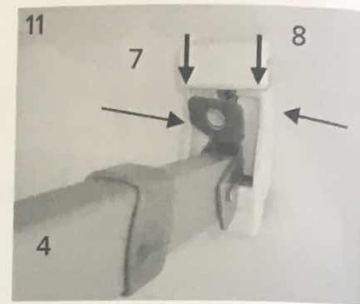
Continue extending the awning and repositioning the legs until the awning is extended to the desired distance.



**Step 7)** Once the fabric has been wound out, check the awning fabric is tight. Any slack or excess fabric can be wound in, to tighten the fabric.

The legs can then be secured to the ground, in the patio position, using the pegs supplied or the legs can be positioned so their feet are placed into the wall mounting brackets (fig. 10).

Fasten the support legs (4) to the wall brackets (8) and slide down the locking clip over the top edge of the foot (7) (fig. 11).

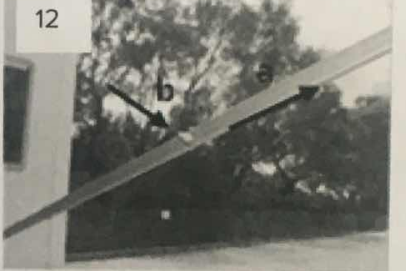


Repeat process at other leg.

**Step 8)** Once the awning feet are secured in the ground or the wall mount brackets, you can now adjust the height of the awning.

Undo the locking nut on the legs and either extend the leg to raise or shortening the leg to lower.

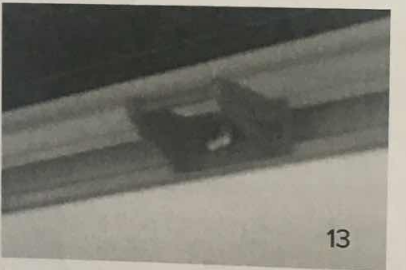
- a) Adjust the legs to the desired height and
- b) Tighten the locking nut (fig.12).



Repeat process at other leg

**Step 9)** Install the centre rafter support.

- a) Extend the rafter support to engage the clip at the awning edge at the vehicle (fig. 13).
- b) Undo the locking nut and extend the rafter support to engage the clip at the awning edge (fig. 15).



**Step 10)** Once the rafter is engaged, its length can then be locked by tightening the locking nut (fig. 16).



**Note:** The centre rafter support should **not** be locked to a particular length when transferring the awning legs from the patio position to the wall bracket position or vice versa.

Damage caused as a result is not covered under warranty.

**To close, reverse the above procedures:-**

- Step 1) Remove the centre rafter support.
- Step 2) Remove the legs from the wall mounts and return to the upright position (or remove pegs from the feet when using in the upright position).
- Step 3) Wind the awning in clockwise at approximately one metre intervals and reposition the legs to support the weight until approximately one metre away from the RV.
- Step 4) Undo leg locking nut, retract leg and retighten locking nut.
- Step 5) Rotate leg at hinge and store the leg.
- Repeat steps 4 and 5 at the other end.
- Step 6) Continue to wind the awning in until completely closed.

# Heating and Cooling

## Air conditioning (optional)

A ducted reverse cycle air conditioner is available as an option and when fitted is installed under the driver side lounge. The air conditioner system is operated by a remote control which can only be operated from a 240 volt power source.

The motorhome is fully insulated and by closing the windows and blinds, the air conditioner can cool down or heat the inside very well.

**Note:** The roof has not been designed with structural support for a roof top air conditioner or with prewiring for future air conditioning.

## Fans and vents

There is also a push button 12 volt fan in the bathroom designed to extract steam when showering provided the roof hatch is open.

An added safety feature is the vented roof hatch in the kitchen designed to allow constant air flow and ventilation even when the hatch lid and windows are closed.

An exhaust fan is fitted in the kitchen above the cook top. Press the right hand button to turn the fan on. The left hand button turns the light on.

We suggest you always use the exhaust fan when cooking as steam and cooking odour is extracted outside.



Remote

## Ducted Diesel Furnace Heater (optional)

The heater draws diesel fuel from the chassis fuel tank, burns it and heats air which is then blown out through a number of air vents throughout the motorhome.

To start, turn the black and red dial located above the top kitchen drawer clockwise, all the way around.

The green light will illuminate and you will hear the fan blowing air. Heated air will come from the ducts within a few minutes. Once operating, the dial can then be adjusted back.

**You can travel safely with the heater on for the comfort of your passengers.**

**NOTE:** The heater's fuel pick up point is higher than the pick up for the vehicle's engine. As a result, the heater cannot run the fuel tank dry. Once the fuel level in the tank is too low, the heater will cut out, however the vehicle engine will still start. It is recommended that you maintain your fuel tank at a minimum level of over a quarter of a tank for the heater to function. Repeated attempted starts with low fuel may damage the heater. If the heater does not function correctly, the green light will flash a problem code. Refer to the Webasto handbook to identify the problem.



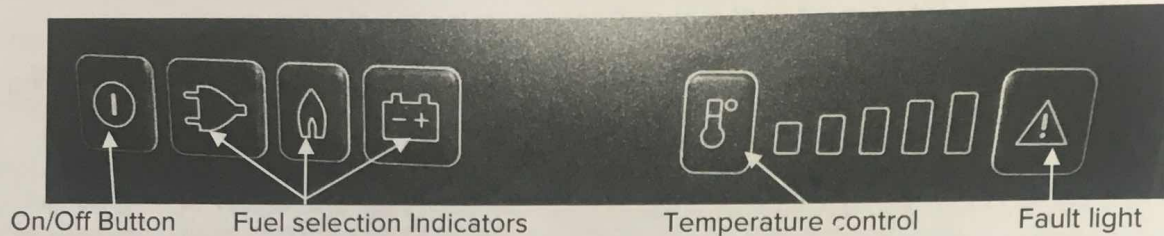
On/Off & Thermostat  
Switch



# Kitchen and General Interior

## Refrigerator

The refrigerator is a Manual Energy Selection (MES) fridge which operates from three power sources, 240V, Gas and 12V when driving. Once the fridge is turned on, select the appropriate power source and press the thermostat button to select the desired temperature.



On/Off Button

Fuel selection Indicators

Temperature control

Fault light

When driving, select the batteries as the power source in order to maintain temperature whilst travelling. The battery light on the fridge will light up.

When stopped and plugged in to a 240 volt electrical outlet, select the 240 plug and when 240V is not available, turn the gas bottle on and select the gas flame. The appropriate power source will also light up.

**Note:** While parked, ensure the vehicle is a level as possible for maximum efficiency.

**Warning:** It is dangerous to operate the fridge on gas while travelling. The gas flame may ignite fuel or its vapours at service stations or fuel depots.

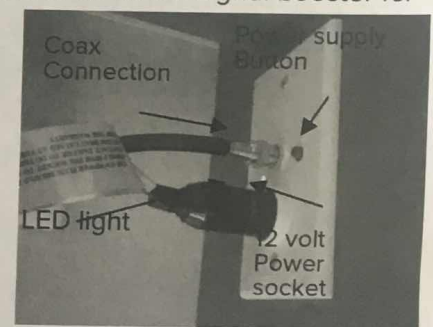
## Television/DVD Player/Aerial

The motorhome is equipped with a LCD Hi-Definition TV with an inbuilt DVD player. To complement the TV, a wind up TV antenna capable of receiving HD broadcasts is also installed. The antenna uses 12 volt to power an inbuilt signal booster for an even better picture.

The 12 volt power supply provides 12 volt power to the signal booster inside the antenna head mounted on the roof and supplies reception to any auxiliary 12 volt sockets.

The wall plate has a power switch, 12 volt socket and coaxial cable connection, to watch TV, the red power switch needs to be pressed which will then illuminate a red LED light.

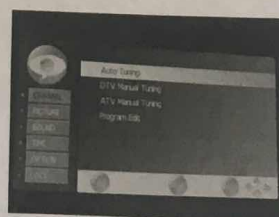
Traveling from one area to another will result in local television broadcasters changing accordingly. As a result television stations already programmed into the TV may no longer be able to be viewed and the TV may need to be reprogrammed. The easiest method is to select auto tune from the TV's programming options to tune in all available channels, however any previously stored channels will be deleted.



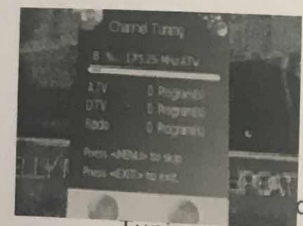
Wind up TV Antenna



Select DTV Input



Select DTV Auto Tuning



Tuning



Once the TV has been programmed, the picture can then be enhanced by rotating the antenna. By pulling down the circular plate above the winder handle, a lock will be disengaged and allows the antenna to rotate.



Pull down plate and rotate accordingly



Antenna wound up



Rotate antenna to align arrows



Wind down antenna to stow for travel

**Note:** Before moving the motorhome, ensure the antenna is wound down in the correct position to avoid damage to the antenna or the motorhome. The antenna has to be aligned with the directional ring plate secured to the ceiling before winding down the antenna into its storage position.

## Seating

### Cabin swivel seats

Both the driver's and passenger's cabin seats have the convenient function of being able to swivel and maximise the living area of the motorhome.

**Note:** Use caution before rotating to ensure the seat frame does not collide with the cabin door internal trim or the park brake. If the seat is in danger of contact with the door trim, the seat can be moved forward to create additional clearance by using the seat slide arm located at the front of the seat.



Seat slide arm



Seat swivel lever

To rotate the passenger seat, pull the lever on the side of the seat to disengage the locking mechanism. The seat is now able to be rotated.

**Note:** Do not release the park brake to perform the above procedure.

Use caution to ensure the seat base clears the door trim then slide the seat forward to create additional clearance. Once the seats have been rotated, they can then be adjusted to a desired comfort position.

An additional table floor mount has been installed between the cabin seats to allow the rear table to be positioned and used for additional comfort.

Rotating the seats back to forward facing positions is the reversal of the above procedures.

**Warning:** The cabin seats must be in the forward position to allow the correct wearing of seat belts whilst the vehicle is in motion.

## Steps

The entrance steps have been installed to provide safety and convenience when entering or exiting the motorhome. As an additional safety feature a buzzer has been installed which will activate when the engine is started to remind you the steps have been left out.

Simply pull the steps towards you to open them out, you will feel they are spring loaded to assist with moving the steps and holding them in place whether out or stowed.

**Note:** Once you have arrived at your campsite, open the steps and leave them out until departing as injury may occur when exiting the vehicle and the steps have been stowed. When travelling, passengers are to use caution when departing from the motorhome if the steps are stowed.



## Water

### Conserve water

Always try and conserve water. Don't fill the sink, as you only need a few centimetres in the bottom of the sink to wash up.

When showering, we suggest that you wet yourself with the shower, then turn the shower off whilst soaping up, then turn the shower back on for a rinse. Don't over flush the toilet.

### Fresh Water

There is a fresh water tank on board with a 124 litre capacity. To fill the fresh water tank, unlock the door over the water filler and remove the cap. Insert a hose and fill at moderate speed until full.

**Note:** Do not leave the hose unattended as the water pressure may cause damage to the breather fitting on the rear of the water filler and possible flooding when the tank over fills.

Try and keep the water tank at every opportunity just in case you discover a campsite where there is no water available.



### Water Pump

The water pump has its main switch located on the 12 volt control panel. Some models may have an auxiliary switch located near the vanity unit.

The pump needs to be switched on to pump fresh water to the sink, toilet, internal and external showers (optional). When you turn the pump on you will hear a brief noise as the pump engages and the water lines pressurise.

It is recommended that you turn the pump off at night or when not needed to minimise the pressure within the water system when not being run.

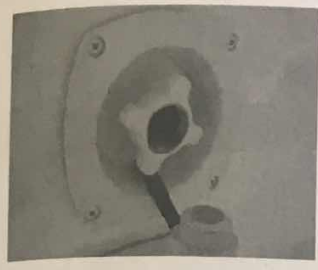
### Town Water

If you are staying in the vicinity of a fresh water tap, you can connect a hose from the tap to the town water fitting, located on the driver's side of the motorhome.

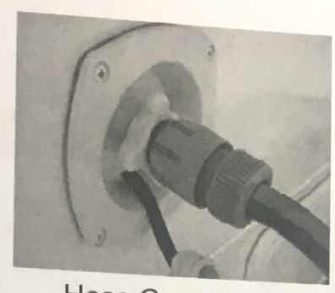
This has the effect of providing town water supply to the motorhome, bypassing the water tank and pump.

The screw in adaptor and hose connector are supplied with the motorhome. When using the town water supply, ensure the water pump switch is in the off position to avoid water being used from the water tank as well. Should water be inadvertently used from the tank while intending to use the town water, it may result in the water tank being emptied or diminished without knowledge.





Town Water Fitting



Hose Connected



Supplied Hose fittings

### Hot water system

You have a 23 litre hot water system installed which uses either gas or 240 volt as the power source. The hot water is distributed through the system via the demand water pump or the town water supply.

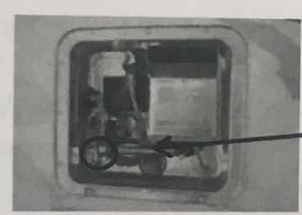
When plugged into a 240 volt source, the hot water system will be powered from the 240 volt power point and is switched on and off from the switch located inside the external access door to the hot water system. Remove the locking clip from the panel are turned on. Once the gas switch is turned on, the red light will illuminate until the gas ignites. The red light will illuminate again should there be a disruption to the gas supply or water temperature inside the tank lowers sufficiently for the burner to re-ignite and reheat the water.

By using either the 240 volt or gas to operate the hot water service, the water will heat in approximately 15-20 minutes. As the hot water is used, the hot water service will draw and reheat water from either the fresh tank via the demand pump or from the town water supply.

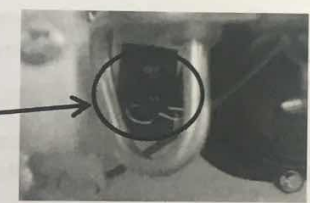
**Note:** We use hot a water tempering valve to prevent accidental scalding by limiting the water temperature to 48 degrees C.



On /off switch for gas



external view HWS



On /off switch for 240 volt

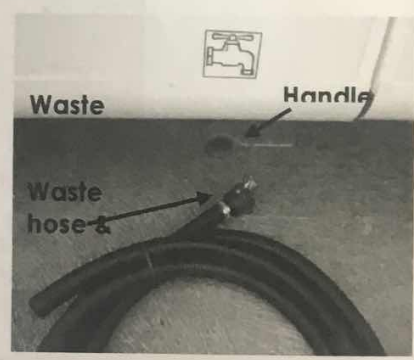
### Grey Water

The grey water tank holds the runoff from the shower and sink. This should be emptied frequently as the extra weight wastes fuel – 1 litre of water is 1kg of weight. Capacity for the Leura grey water tank is 100 litres.

The grey water tank must be emptied responsibly, into a grey water drain found at most caravan parks or onto grass or dirt where appropriate to do so.

You are provided with a hose which clips over the grey water fitting. Turn the handle inline with the fitting to empty the tank. When using in caravan parks, keep the valve open to constantly run the water away into the drain.

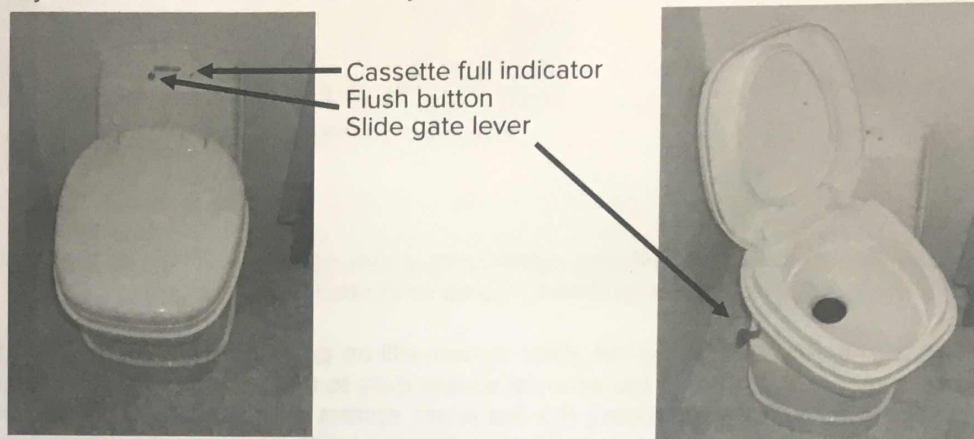
**Note:** Residues from soaps, cooking oils, food scraps etc. may leave a coating inside the grey water tank which may also contaminate the tank level sensors giving inaccurate readings. Discharging cooking oils, food scraps etc. into the drain should be avoided.





# Toilet

The free standing, swivel bowl toilet uses either the demand water pump or town water or a bench style which uses its own water supply and pump. Both styles are a removable cassette system and require the use of chemicals inside the removable cassette.

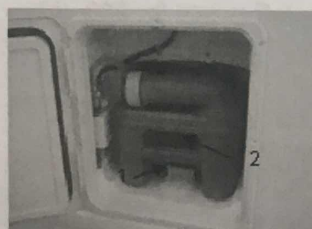


The toilet bowl operates with a 17 litre holding cassette using water from the fresh water tank and demand pump or town water for flushing.

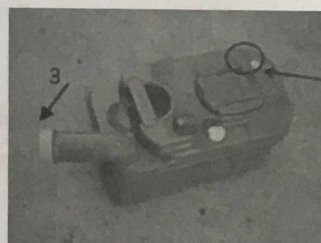
The cassette holds 17 litres of waste material including water used for flushing and uses chemicals to assist with breaking down wastes. The least amount of water used to flush will lessen the frequency you will need to empty the cassette.

To use the toilet, push the blue button to flush the toilet, pull the lever located at the side of the toilet bowl to open the slide gate for the holding cassette. Then close the lever to seal the toilet bowl from the waste cassette. When the toilet is full, a red light will display on the toilet unit.

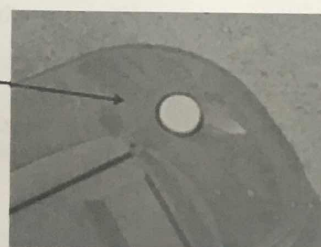
To empty the toilet, open the toilet cassette door, located outside of the motorhome. Lift the yellow tab (1) with your fingers to release the cassette and then pull the cassette towards you using the handle (2).



Cassette release tab



Yellow screw cap



Venting release button

Carry the cassette to a waste dump point, remove the yellow screw cap (3) from the waste pipe and aim the pipe into the dump hole. For fast disposal, press the yellow button (4) on the cassette to allow the tank to vent. When empty, rinse out the cassette and the dump area ensuring you leave it clean for the next person.

Place around two caps of toilet chemical and approximately 500ml of fresh water into the cassette, refit the yellow cap and replace the cassette back into its storage area.

# The XYZ of Motorhoming

- Use caution travelling at night, when animals come on to the road
- Try free camping - it's a good experience but use commonsense
- Plan to make camp before the sun sets at no later than 4pm – it allows you to survey the area
- Always pack everything away from outside before you retire for the night
- Keep the keys handy but never in the ignition
- Use gardening gloves to fill the diesel tank to avoid the greasy feel of the fuel
- Keep the essentials topped up constantly – fuel, water, the pantry and the refrigerator
- Organise yourself inside and pack everything into a cupboard or drawer like at home – suitcases and motorhomes don't mix
- You will use 30% more fuel at 100km per hour than you would at 90km per hour
- Turn the TV off and enjoy some quiet time under the stars