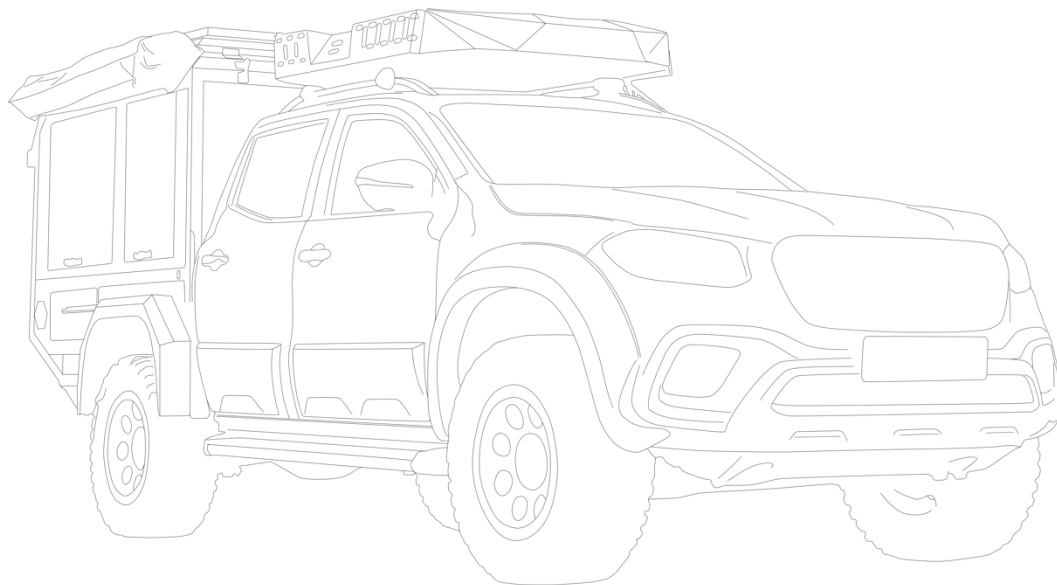


CMP₁₉₀



User Guide

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Foreword

Use the user guide to access specific information and familiarize yourself with your CMP190's functions. In addition to standard equipment, this manual also describes optional equipment or accessories. This user manual helps you to enjoy your CMP190 as best as possible. It also contains important information that concerns the safety of you and other users.

Thanks for choosing CRAWLER!

** Certain countries may have legal requirements that affect the level of equipment.*

** CRAWLER continues its continuous product development efforts to provide a better experience. Features, designs and illustrations in the user manual are not binding. CRAWLER reserves the right to make changes without prior notice.*

Basic Warnings

Things to check before setting off;

- Make sure the CMP190 has a good connection with the vehicle.
- Make sure the upper awning is closed and locked.
- Make sure doors and cabinets are locked.
- Make sure the outside kitchen area is closed and locked.
- Place breakable items in cabinets.
- Make sure the battery is full.
- Make sure the entrance step is off.
- Electrical inlets and outlets should be checked.
- Do not keep flammable and explosive materials in CMP190.
- Make sure the tubing is removed.
- Make sure the diesel heater is off.
- Make sure the lightning is off.

Things to consider while traveling;

- Do not exceed the specified speed limit for pick-up vehicles.
- When descending long and steep slopes, the brake is loaded more than normal. Shift to a lower gear and adjust your speed accordingly.
- Do not travel inside CMP190.
- Do not keep flammable and explosive materials in CMP190.
- Make sure breakable items are secured inside CMP190.
- Attention should be paid to the height of CMP190 at the parking garage and garage entrances.
- CMP190 does not exceed the mirror width of the vehicle, but it may be wider than the body of the vehicle. Care should be taken at narrow turning points.

Things to consider while camping;

- Thanks to the automatic gas cut-off safety system, the stove turns itself off in case of emergency.
- Make sure the curtains are closed to prevent heat loss inside during cold weather.
- Be careful when opening and closing the top awning while staying inside the CMP190.
- Make sure the fuel tank is full when using diesel heaters.

Things to consider while parked;

- It is recommended to park the CMP190 on level ground.
- Make sure doors, windows and cabinets are closed and locked.
- Make sure the upper awning is closed.
- In case of long-term parking, keep the main switch off.
- Do not leave flammable or explosive materials inside CMP190.
- Make sure the gas valve is closed.
- It is recommended to ventilate the inside of CMP190 at regular intervals.
- Provide external cleaning of CMP190 at regular intervals.
- When upper awning is closed, the rear door must be open so that the air inside can escape.
- Make sure there are no mosquito nets or curtains left outside when upper awning is closed.

Safety

Passenger Transportation

Since CMP190 does not have a seat belt, it should not be traveled in CMP190 while driving in order to balance the weight distribution.

Tire Safety

Properly maintained tires improve handling and stopping.

Tools and Equipment

Appliances (stove, refrigerator, etc.) and equipment (hot water heater, oven, etc.) typically run on LPG. LPG is flammable and is under high pressure. Misuse may cause fire and/or explosion. Be sure to follow all instructions and warnings in the manual, as well as in the device and equipment specific user manuals.

Mold

Mold and mildew spores are present in indoor and outdoor environments. In order to keep all mold and mildew spores under control, check humidity and ventilate your caravan regularly. A healthy ventilation should be provided to control humidity.

Chemical Sensitivity

Immediately after the CMP190 is purchased, and sometimes after a long period of inactivity, a strong odor and/or chemical sensitivity may be experienced. As in homes, many different products are used in the construction of CMP190, such as carpet, linoleum, plywood, insulation, flooring. In the use of different materials, odor sensitivity is more obvious. Since CMP190 has a small living space, the air exchange inside is significantly less than the house. These products can outgas different chemicals, including formaldehyde, when new or when exposed to high temperatures and/or humidity. This outgassing, along with minimal air exchange, can cause irritation of the eyes, nose, and throat, and sometimes headaches, nausea, and various asthma-like symptoms. The elderly and young children, as well as anyone with a history of asthma, allergies or lung problems, may be more sensitive to the effects of gassing.

Ventilation

It is very important to ventilate the CMP190 to reduce exposure to chemicals from outgassing. Ventilation should be done frequently after purchase and when temperatures and humidity rise. Note that gas output is accelerated by heat and humidity. Open windows, vents and doors. Use natural ventilation or a fan to expel stale air and bring in fresh air. Reducing airflow by sealing the CMP190 increases the formaldehyde level in the vehicle's interior air.

Do not smoke

It is recommended that you do not smoke inside the CMP190. It will damage CMP190 and also release formaldehyde and other toxic chemicals.

Medical Advice

Questions about the effects of formaldehyde on your health should be addressed to your doctor or local health department.

Long-Term Use Effects

- In long-term use of CMP190, it is necessary to be prepared for condensation and humid conditions that may be encountered.
- In cold weather, when the relative humidity of the indoor air is high, moisture may condense on the inner surfaces of CMP190. This is exacerbated by the fact that CMP190's insulated walls are much thinner than house walls.

The relatively small volume and tight, compact nature of the CMP190 mean that even a few passengers' normal living activities will lead to rapid moisture saturation.

-Water vapor will condense as moisture inside windows and walls, or as frost or ice in cold weather, unless it is carried outside by ventilation or condensed with a dehumidifier.

- Inside the walls or ceiling, warped or stained panels can also condense out of sight.

- The appearance of these conditions can indicate a serious problem. When signs of excessive humidity and condensation appear on the CMP190, it is important to take action to minimize their effects.

Tips for Checking Condensation

Uses where it is important to let excess moisture out:

- Bathroom
- Washing dishes
- Hair drying
- Cooking

Avoid dead air spaces as shown!

- Use of a fan to ensure air circulation.
- Leaving cabinets and cabinet doors partially open.
- To help alleviate condensation in cold weather;
- In cold weather keep the temperature reasonably cool as much as possible.
- CMP190 needs to breathe, it will smell when airtight.
- Let some warm air out and outside air in.
- Do not allow humid indoor air to be recycled from use and provide reasonable ventilation.

Factors Contributing to Mold Growth

For mold growth to occur, indoor or outdoor temperatures must be between 4° and 33°C, and it must also have a source of moisture such as humidity, stagnant water, moist materials. The fastest growth inside CMP190 is due to its hot and humid condition.

Inhibition of Mold Growth

- Checking relative humidity can prevent mold and mildew growth.
- The use of air conditioners in hot climates will reduce the relative humidity.
- Ventilation is available in the kitchen area.
- To prevent mold growth, using vents when preparing food is an important factor, even in cold weather.
- Also, opening windows during these activities will help with natural ventilation.
- In extremely humid conditions, using a dehumidifier may help.
- Regular cleaning of mold, which is caused by frequent use of CMP190 and/or growing, is an important preventive measure.
- Any spills should be wiped up quickly and dried as soon as possible.
- Avoid leaving damp items lying around.
- On safe surfaces use mold or mildew-killing cleaning products.
- Check the sealing wicks regularly and reseal as necessary to prevent water leaks.
- Proper preventive maintenance of the CMP190 and its accessories, as described in both this manual and accompanying literature, will provide the best protection for the CMP190.

Winter Travel

Traveling in sub-freezing temperatures will require certain precautions to protect the plumbing system and personal belongings from damage by freezing.

It is necessary to clear the snow accumulations on the pop-up.

Whenever possible the heat should be kept at a constant temperature.

It is easier for the heater to keep the room temperature constant than to let the CMP190 temperature drop to 10°C and then try to raise it to room temperature.

When parking in temperatures below freezing, be sure to have a full supply of LPG or Diesel and plug into a 220V power source whenever possible.

In order to allow hot air to circulate around plumbing lines and fixtures leave cabinet doors, wardrobes and bedroom doors partially open.

Equipment List

Exterior Design

- Electrostatic Powder Painted Aluminium Body
- Openable Entrance Step
- Height Adjustable Fixing Feet (2 Pieces)
- Side Opening Bed Compartment
- Side Opening Bed Compartment Window
- Windowed Pop-up Roof System
- Premium Pop-up Roof Fabric
- Chrome Door Stoppers
- Wide Angle Chrome Hinges
- Tube Rack (2 Pieces)
- Wood Rack (2 Pieces)
- LED Tail Light
- Chrome Locked Storage Cabinets
- Kitchen Cabinet Lights
- Tailgate (Left)

Exterior Kitchen Area

- Sliding Exterior Kitchen
- Double Stove
- Chrome Faucet
- 2 Piece Plastic Sink
- Stove Wind Shade
- Kitchen Wardrobe

Interior Design

- Electrostatic Powder Coating (Cabinet and Interior Walls)
- Ceramic Based Heat Insulation
- Zippered Storage Compartments
- Rear Door Fly Screen
- Aluminum Folding Work Table
- Upper Bed Rail
- PVC Flooring
- Inner Curtain
- LED Indoor Lighting
- USB Charge Inputs
- 12v Cigarette Lighter Input

Living and Sleeping Area

- First Bed Section (195x190 cm)
- Second Bed Section (165x60 cm)
- 3 Person Seating Area
- Sofa and Bed Cushions
- Underarm Wardrobe

Electrical/ Control Installation

- 6 Analog Control Panel
- 40 Ah Gel Battery
- Remote Controlled and Dimmer Adjustable LED Indoor Lighting
- Pako Switch
- Victron Blue Smart Charger (7 Ampere) *
- 220v Charge Input
- Charging Cable and Bag
- Vehicle Electric Charging System (Cyrx)

Water Pipe System

- Water Pump (19 L/Min.)
- Water Level Indicator
- Chrome White Water Tank (90 L)
- Chrome Water Fill Cap
- Water Drain Valve

Gas Pipe System

- Gas Detector
- Gas Hose

Optional Features

- Indel B 65 Refrigerator *
- Berhimi 50 Refrigerator *
- Dometic 65 Refrigerator *
- Engel 57 Refrigerator *
- Spare Wheel Carrier & Premium Exterior Shower Area
- Headlight Protection Grille (Black)
- 270 Degree Premium Awning (Light Grey)
- Fishing rod holder
- Weaponry
- Thetford Portable WC *
- Victron Energy 220 Ah Battery*
- Eberspacher D2 L Airtronic Space Heater (Diesel) *
- Imkar Air Conditioner (Cooling) *
- Neta Portable Satellite *
- Solara Solar Panel 160w & Solara Regulator*
- Water Freeze Protection Unit
- Crawler Smart Panel

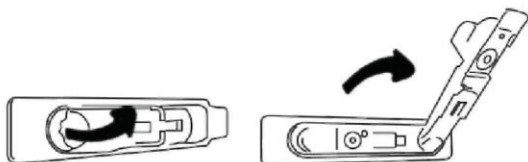
Schematic Explanation

1. Side Opening Bed Compartment
2. Side Opening Bed Compartment Window
3. Chrome Door and Cabinet Locks
4. Chrome Door Stoppers
5. Storage Cabinets
6. Kitchen Cabinet Lights
7. Spare Wheel
8. Back Entrance Cover
9. Openable Entrance Step
10. Height Adjustable Fixing Feet
11. Openable Roof Pop-up System with Window
12. Chrome Door and Cabinet Locks
13. High Angle Chrome Hinge
14. Tube Connecting Places (2 Pieces)
15. Was LED Tail Light



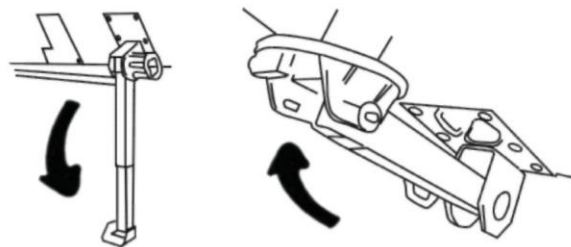
Use of CMP190 Unlocking

Turn the lock with the CMP190's door key. Then lift the cover by turning the lock lever towards yourself and then up.



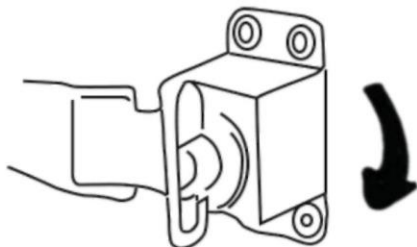
Opening the Rear Entry Door

Bring it to the desired height with the help of the wheel wrench used for fixing the feet with your key.



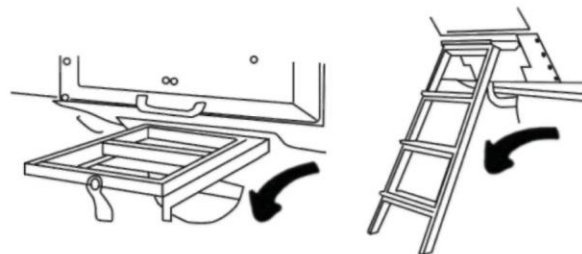
Unlocking the Spare Wheel, Installing the Lock

Open the spare wheel switch located at the rear of the CMP190 by pushing it forward. When installing the lock, do not forget to install it as shown.



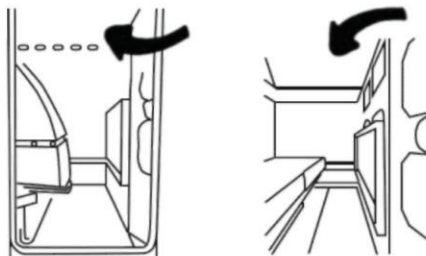
Opening the Back Cover and Ladder

Lift the back cover up. After opening, open the ladder.



Emptying the Interior Space

Remove the materials inside the CMP190 to open the side bed.



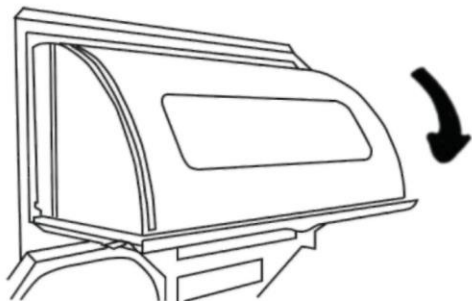
Using the Upper Awning

To open the awning, first unlock the awning. After unlocking, push the awning section up.



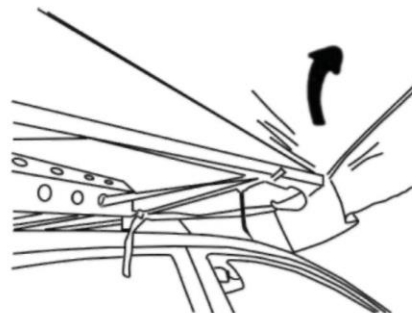
Opening the Side Bed Area

Remove the lock pins before opening the bed.



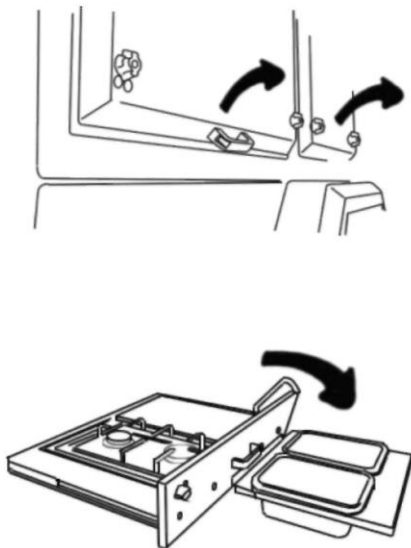
Opening the Side Canvas

After opening the canvas, open the top two legs. Don't forget to pin.



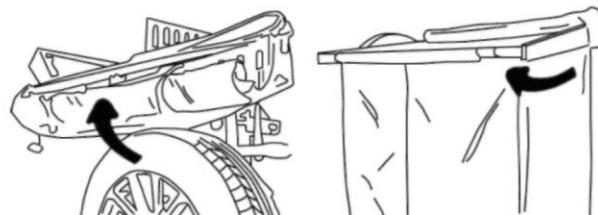
Use of the Kitchen Area

The stove and sink are in the rear left storage area.



Use of Exterior Shower Area

Move the shower curtain to the same position as shown.



Interior Equipment Refrigerator Usage

1. You can open the refrigerator from the outside.
2. The opening direction of the cover may vary according to the product models.
3. You can adjust the temperature of the refrigerator with the level-adjusted cooling feature.
(For detailed information, see the user manual of your refrigerator brand)

What if the refrigerator does not work?

Attention is paid to the indicators on the Crawler Smart Panel or Control Panel.

- Paco switch is opened and closed.
- Battery level is checked.
- If there is a problem with the refrigerator the user manual of your refrigerator brand is checked.

Battery/ Sink Usage

1. To put it into use, first check the clean water level in the tank.
2. Turn on the booster before using the battery.
3. You can use the battery according to your needs thanks to its rotating head.
4. When the battery is not in use, it can be kept closed thanks to its foldable feature.

What if the battery does not work?

- Attention is paid to the water level indicator on the Crawler Smart Panel or control panel.
- The booster is checked.
- Battery level is checked.
- If there is a problem with the battery, the user manual of your battery brand is checked.

Compatible with LPG & Natural Gas.

Stove Use

CMP190's outer stove use;

1. First unlock the drawer of the CMP190 to open it for use.
2. Remove the gas hose from the under-counter drawer of the CMP190.
3. Connect CMP190 with the jack on the back.
4. You can store the tube in the right rear tube holder of CMP190.
5. Light the stove with the help of the lighter and adjust the temperature of the gas coming to the stove with the stove top buttons.
6. It is recommended to keep the gas off when not in use.



Thanks to the automatic gas cut-off safety system, the stove turns itself off in case of emergency.

Portable Toilet Use

Thetford Portable Toilet / Porta Potti 565 P

Dimensions: H 448 / W 383 / D 450 mm

Seating Height: 443 mm

Clean Water Tank Capacity: 15 Liters

Waste Tank Capacity: 21 Liters

Weight Manual Model: 5.3 Kg

1. Open the toilet seat for use.
2. Liquids called "caravan toilet chemicals" are poured onto the tape to break up waste and prevent odor. Pour the toilet chemical into the tank at scale before use.
3. Open the drain by pulling back the latch located next to the toilet during use. Close the drain by pulling in the opposite direction after use.
4. In order not to have to carry the waste tank cassette, it can be transported more simply with the wheel system and pull handle.
5. Do not forget to turn off the lock after emptying and cleaning.



Diesel Heater Heating Mode

The air circulated by the fan motor is heated in the boiler and transmitted to the CMP190. Working integrated with the diesel heater control unit, the heat sensors inside the CMP190 detect the temperature of the intake air. If the temperature of the intake air is below the temperature set in the control unit, the heater continues to operate.

Setting Mode

In the setting mode, the fan motor speed and the fuel delivery capacity of the dosing pump depend on the heating capacity. In the meantime, the spark plug is deactivated.

Thermostat Range

In case of approaching the temperature set on the operating switch, the heating capacity is reduced by the control unit. The speed of the fan motor and the fuel delivery capacity of the dosing pump are reduced in direct proportion. If the temperature set at a minimum heating capacity is reached, the fuel pumping process of the dosing pump is terminated and the combustion process ends with the heater blowing its last.

Note

Throughout the thermostat range, the heater fan motor operates at idle speed, providing indoor air circulation. In addition, a change to be made on the operating switch is evaluated by the control unit and then activated.

What to do when smelling gas?

Avoid ignition sources! For example extinguish all open flames, do not use any electrical switches, mobile phones or radios in the vehicle, do not start the engine of the vehicle, operate devices, do not smoke in the vehicle. Open windows and doors.

Evacuate all persons from the vehicle.

Shut off gas cylinders or turn off gas supply from outside. The entire gas system must be checked and repaired by qualified personnel!

You can only put the gas system back into operation after inspection and repair!

CMP190 Owner's Obligations

The owner of CMP190 is responsible for using the device in accordance with the rules.

Hoses should be checked regularly and replaced if worn.

When a new appliance is put into operation for the first time, smoke and odor may develop for a short time. When the appliance is put into operation after a particularly long standstill period a slight smoke and odor may occur due to dust or dirt.

It is recommended to run the appliance for a few minutes at the highest power level and then to ensure that the room is well ventilated for self-cleaning.

The air temperature should always be checked before adjusting the hot air outlets. Hot water can be dangerous if misused and can cause burns. Check the water temperature before each shower or bath.

The waste gas double pipe should be checked regularly, especially after long trips, for damage and the soundness of the connections, as well as the device and chimney connections. In order not to cause any damage due to splashing water while washing the vehicle, water should not be poured directly into the chimney.

Technical Specifications

Body: Aluminium

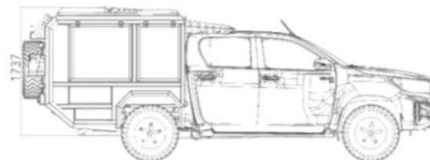
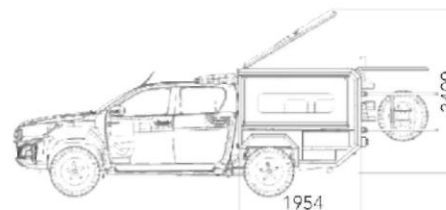
Insulation: Ceramic Based Internal Heat Insulation

Cabin Length: 1,954 mm

Cabin Width: 1,842 mm

Cabin Height: 1,737 mm (roof closed), 2,400 mm (roof open)

Cabin Weight: 450 Kg (empty cabin vehicle pressure 250 Kg)



Care Instructions

Cleaning

CMP190 should be washed as soon as it gets dirty, especially in winter months when salt and moisture on the roads can easily start to rust.

CMP190 should be washed as follows:

- Wash the entire CMP190 with plenty of water until the dirt is softened.
- Do not spray the water directly on the locks.
- Wash the vehicle with a sponge using plenty of water with or without detergent.

If the vehicle is very dirty, you can wash the vehicle first with a cold degreasing agent. However, you should only perform this operation in a place with a waste water separation feature. Take care not to expose cold oil directly to the sun and the paint to not get hot from the sun or the engine is still not hot. Sunlight and heat can cause permanent damage. Consult CRAWLER about this.

Dry the CMP190 with a clean and soft cloth. You can clean muddy areas with warm soapy water.

Suitable detergent

Clean bird droppings from the paint as soon as possible. Chemical substances in bird droppings can affect and fade the paint in a very short time. It is not possible to restore the faded paint by polishing.

Automatic Washing

The simplest and quickest way to wash CMP190 is to take it to an automatic washing facility. However, keep in mind that automatic washing cannot replace thorough hand washing.

The brushes of the automatic washing plant may not reach all parts of the CMP190 effectively. We recommend hand washing in the first months.

Cleaning the floor

To remove stains on fabric upholstery, it is recommended to use a special cleaning agent available from your CRAWLER dealer. Other chemicals may damage the fire resistance of the flooring. - Never try to remove the stain by scraping or rubbing.

-Never use strong stain remover.

- Wash with mild soap and warm water.

Repairing paint damage

Paint

The electrostatic paint on CMP190 is a scratch resistant paint. In order to repair the scratches that will occur over time, a retouching process is applied with paint with the same color code. Below are the most common types of paint damage you can repair:

- Minor stone, branch nicks and scratches.
- Damages around the outer shell.

Warranty Text

1. The warranty period starts from the CMP190 delivery date.
The outer body warranty is five (5) years and the component warranty is two (2) years. Accessories and other options are under the manufacturer's warranty.
2. The entire CMP190, including all its parts, is under our company's warranty.
3. Failures caused by the use of CMP190 contrary to the terms in the user manual are not covered by the warranty.
4. You can apply to CRAWLER for any problems that may arise regarding the Warranty Certificate.
5. If CMP190 fails within the warranty period, the time spent in repair is added to the warranty period. CMP190's repair time is maximum 20 working days. This period starts on the delivery date of the vehicle to the service station or, in the absence of a service station, to one of the authorized dealer, dealer, agency, representative, importer or manufacturer of the vehicle.
6. Equipment and options used in CMP190 are covered by the manufacturer's or distributor's warranty.
7. In case of intervention to or modification of the vehicle and the equipment inside the vehicle other than the CRAWLER service, the related and affected equipment will not be covered by the warranty.

CRAWLER

WARRANTY FORM

Company: Crawler CARAVANS
HQ Address: Holzheimer Str. 12, 73037 Göppingen, Germany
Phone: **+49 71613047623**
E-mail: info@crawlercaravans.com

VENDOR'S;

Title:
Address:
Phone:
Invoice Date and No:
Sign (Seal):

VEHICLE'S;

Model: CMP 190
Banderole and Serial No:
Delivery Date and Place:
Warranty Period:
Maximum Repair Time:
20 Work Days

VEHICLE OWNER'S;

Name:
Address:
Phone:
E-mail:
Sign: