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INSTRUCTION MANUAL

Type 4018 - 24 - 1



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1 Eurowagon – the right choice

Company EUROWAGON would like to thank you for your choice and acquisition of an isothermal trailers. With our product, the customers can be sure that on their way they will have at their disposal a modern mobile trailer.

Our work is built on a dialogue with the customer; therefore we welcome the feedback about our products from our customers.

Our products are the result of extensive research in the areas of construction, design, and above all the result of practical experience in manufacturing. Our goal was to develop and produce a trailer that will be - with minimum cost - not only easily transportable, but also the most user-friendly device which ensures, by its quality, high utility value and reliability for many years.

The user should read these instructions carefully in order to understand the operation and maintenance of wagons completely.

By following the instructions in this manual you will contribute to the long life of your trailer!



Safety information

This instruction manual also describes important information concerning the **SAFETY OF A USER**. Therefore, before the use of a trailer read the following instructions carefully and, if necessary, consult with the supplier so as to ensure the safety of people and property.

2 Warranty

Trailers EUROWAGON are produced according to the EU standards!

EUROWAGON provides warranty for manufacturing flaws, defects in design and construction materials for a period of 12 months.

The warranty does not cover parts which are subject to becoming worn out and consumables

The warranty cannot be applied in case of damage caused by accident, improper use, improper installation or unwarranted operation during maintenance.

For more details about using all special devices in the trailer please always read original user manuals of the devices!!!

3 Prior to transport

Make sure that:

1. The tanks for clean/waste water (if installed) are empty and drained.
2. The boiler (if installed) is empty and drained!!
3. The connection cables of electric power, grounding, water connection, waste, gas and other networks are disconnected from the trailer.
4. The trailer is properly connected to the tow vehicle, a safety cable is attached to the ring of the tow vehicle (*Fig. 1/F*) and the plug of exterior light is plugged into the socket of the tow vehicle (*Fig. 1/C*).
5. The handbrake of the trailer is released (*Fig. 1/A*).
6. The supporting legs (*Fig. 2a*) and the supporting wheel (*Fig. 1/GE*) are removed and secured.
7. All exterior lighting is intact and functional.
8. The tires are undamaged with sufficient pressure according to the load and parameters and the depth of the tread is according to the regulations.
9. The steps are safely placed in the door clips (*Fig. 3a*).
10. The windows, doors, shutters and roof ventilation are closed, locked and secured so they cannot open spontaneously.
11. The drawers and doors of cabinets are secured.
12. All equipment, which is not firmly built-in is secured against movement and fall (TV, chairs, kitchen appliances etc.).



Figure 1



Figure 2a

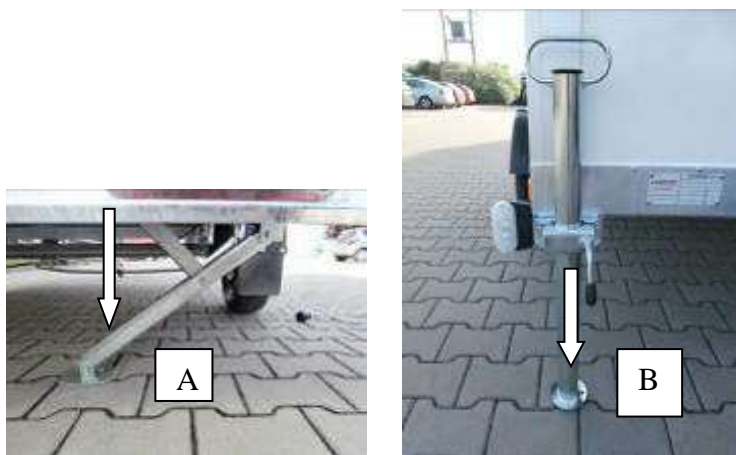


Figure 2b



Figure 3a



Figure 3b

4 Installation of the trailer for use/parking

1. Place the trailer in the place of its use/parking, set the supporting wheel in a correct position and secure it (*Fig. 1/E*). Secure the trailer using the handbrake (*Fig. 1/A*). Be highly cautious during manipulation in cramped spaces or reversing, or ask for the assistance of another knowledgeable person.
2. Disconnect the exterior lighting (*Fig. 1/C*) and safety cable from the tow vehicle (*Fig. 1/F*).
3. Using the supporting wheel (*Fig. 1/G*) - turning the handle (*Fig. 1/B*) anti-clockwise - lift the shaft and disconnect from the tow vehicle.
4. For a good stability secure the trailer by using the supporting stabilizing legs (*Fig. 2b*).
A) Remove the feet from the transport position, whirl the screw using the manual crank until the leg touches the ground.

B) Remove the feet from the transport position - unfasten the supporting holder and lower the leg to the ground. Then secure it with the lock.

On a soft ground, it is necessary to support the legs sufficiently, for example with wooden boards!!!

5. Remove the steps from the inner part of the door (*Fig. 3a*) and put them down under the door. (*Fig. 3b*).
6. Connect the cable of electric power, water connection, waste, gas and other networks. Connect the cable (diameter min. 10 mm CU) to the grounding pin and earth the trailer (*Fig. 4*)

Do not connect or disconnect the cable of electric power when your hands are damp or wet or when dampness and water are present. You risk an injury caused by the electric current and a shock.



Figure 4

5 Connection and operation of electrical installation

Connection according to the type of trailer:

- 1) 230V/16A for outdoor use → diameter of the cable min. 3x2,5 mm.
- 2) 400V/16A for outdoor use → diameter of the cable min. 5x2,5 mm.
- 3) 400V/32A for outdoor use → diameter of the cable min. 5x4 mm.

Before connecting the trailer to a power source make sure that the electrical network is compatible with the data stated on the label.

Cable length must not exceed 50 metres.

The connection point 230V is located nearby the distributor of electricity (*Fig. 5*). The socket 230V is used for connecting the anti-frost protection of the outdoor water and waste water lines in winter months. In winter, keep the heaters always on to heat up water lines, otherwise they could freeze up.



Figure 5

Before connecting the power cord make sure that the circuit breakers are in the distributor of electricity in the "OFF" position. After the connection, set them back to the "ON" position. Make sure the source is also switched on.

If the electrical installation in the trailer does not work, call a professional with appropriate qualification for work with and maintenance of electrical devices. People without qualification **ARE PROHIBITED** to remove the covers of electrical equipment, outlets, circuit breakers, switchboards, cables and terminals. Also any work on them is **PROHIBITED**. Avoid inserting any objects, which are not specifically designed for

that, to electrical devices and electrical appliances. Also protect the wiring and electrical devices from running or splashing water. People with no qualification are only permitted to replace bulbs.

Improper handling of electrical equipment and electrical devices and appliances may cause an injury caused by the electric current and a shock or damage to property!!!

Before performing any maintenance or repair work the trailer **must** be disconnected from the power source.

Do not connect or disconnect the cable of electric power when your hands are damp or wet or when dampness and water are present. You risk an injury caused by the electric current and a shock!

Do not cover the electrical panels of convectors and do not dry anything on them. Risk of fire.

Detailed instructions for operating and maintenance of particular special equipment and appliances can be found in the individual instruction manuals for these devices (placed in the trailer).

6 Operation and connection of water and waste water lines

Before delivery the trailer is secured against freezing of water and waste by the producer. The water pipes including the boiler are freed of water using pressure of air (blowing) and all waste pipes, the toilet and pump are filled with antifreeze (only in delivery period from 1st October to 30th April). Thus, it can be practically immediately connected to a water and waste distribution even during frost. The manufacturer recommends to follow these rules strictly every time the trailer is shut down for an extended period of time, especially in winter. The manufacturer declines any responsibility for any subsequent damage caused by frost.

General instructions how to prepare water lines before winter!

- 1) Empty the boiler by using emptying/safety valve. Release the aerate valve to finish emptying the water pipes.
- 2) Empty the piping/fresh water pump by opening all water taps and blow the rest water by pressure air (pressure cca 2 Bar).
- 3) Fill each toilet bowl with antifreeze liquid and flush couple of times to fill transport pockets and also fill all Jets pumps, washbasins and shower baths with the same liquid .
- 4) Empty water and fresh water tanks and pour some amount of antifreeze liquid also into the tanks.
- 5) Empty the water filter (if installed)



Figure 6

Outlet for emptying the waste water out of the tank/toilet tank (*Fig. 6*)



Figure 7

Water connection (*Fig. 7*)

Before connecting the water make sure all the taps are closed. Then connect the inlet of the water to the valve.

The boiler (if installed) must be filled with water before connecting to electric power. Without water the heating spirals could be damaged. That is the reason why the boiler is equipped with a fuse as a protection. If the boiler is out of order, check this fuse and if needed switch it on.

Water connecting in the trailer is dimensioned for pressure of 3-6 Bar. In case of higher pressure in water mains (water connecting) than 3-6 Bar it is necessary to use reducing valve (regulator) as prevent to damage all water connecting and appliances and devices connected in the trailer.

NOTE!

Do not use any spray bottle cleaner with high PH value for spray cleaning of the water faucet.

Unauthorized people are prohibited to tamper with the safety valve of the boiler and its outlet!!!

In winter, keep the heaters of water and waste outlet always connected to electric power, otherwise they could freeze up.

All repairs and maintenance should be done only by experts!

7 Operation and maintenance of interior and exterior of the trailer

Detailed instruction manuals of individual appliances and devices can be found in the trailer.

Use only hot water and ordinary detergents when cleaning and washing. Never use solvents or thinners. Never use pressure equipment when cleaning. Doing so may allow water to enter and damage the wiring or some interior and exterior parts. It would result in the impossibility to claim the warranty.

If the outer shell is damaged in any way, it must be repaired immediately. This will prevent water from entering the inside walls of the trailer. It will also prevent subsequent complications including the impossibility to claim the warranty.

Leave all repairs and maintenance to professionals - including repairs and maintenance of the wiring, electrical appliances, water pipes, waste and gas pipes, etc.

We recommend to lubricate the threaded parts of supporting folding legs at least once a year. (*Fig. 2a,b*).

Keep the prescribed pressure in tyres. Choose optimal pressure level considering safe load, strain, vigour of your drive, ... (approx. 80% recommended). At the same time the pressure mustn't exceed maximum pressure value. Carry out inflating when the tyres are cooled.

The supporting folding leg (*Fig. 2b*) must not be used for lifting the trailer (for example when replacing a wheel). Doing so may damage the leg and result in the impossibility to claim the warranty.

The supporting wheel (*Fig. 1/G*) **must not** be used as a prop. The supporting legs are designated for this purpose. Also, it must not be used for lifting the trailer (the exception is allowed only during connecting to and disconnecting from the tow vehicle). However, it can only be done if the supporting legs are inserted. Failing to follow these instructions may damage the wheel and result in the impossibility to claim the warranty.

It's necessary to wash the trailer properly after driving in the aggressive conditions (use of salt on roads during winter time) to prevent corrosion!!!

Don't let lie any snow on the roof of the trailer during the winter time. There is a risk of damage of the roof.

Zink-plated parts

Surface of all metal parts of the trailer is covered by galvanizing or zink-plated to protect it against corrosion. Gradual oxidation is one of the features of zink-plated mate-

rials. Surface of such parts is getting grey and losing lustre. This is a natural chemical process that ensures full protection effect against weather influences. Oxidation has no impact on anti-corrosion protection of the parts.

Zink-plated parts are neither acid-resistant, nor chemical-resistant. Also some of colourings can harm them. It is recommended to wash the metal parts with fresh water and cover them with a wax (designed for cars) immediately after driving in aggressive conditions.

Potential optical alteration of zink-plated parts are not caused by low-quality of them.

8 Safety

During transport, installation and maintenance, follow the instructions in articles 1-7, fire regulations, ordinances regarding traffic on local roads and standards according to each sector.

If there is a fire and the trailer is connected to a power source, never extinguish with water or foam extinguishers.

It is prohibited to transport people and animals in trailers!

For more details about using all special devices in the trailer please always read original user manuals of the devices!!!

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