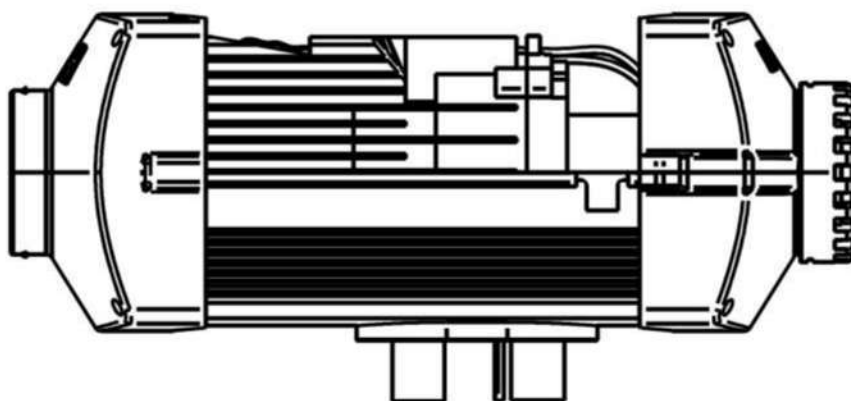
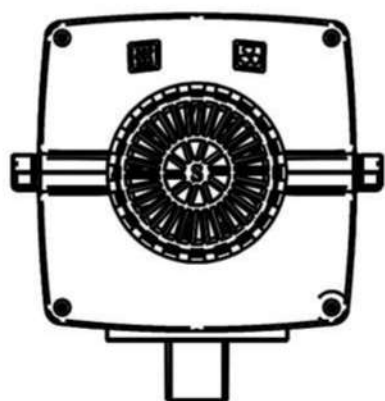


PARKING HEATER

PRODUCT MANUAL



QUALITY·SERVICE·ATTENTIVELY



PARKING HEATER

Please Read It Carefully And Keep It In A Safe Place.

This manual describes its structure and installation instructions. Please read this manual carefully before installation and use to ensure correct use. Please keep it after reading.

Attention :

There may be some changes in the contents of the manual. There is no special notice, but the manual is consistent with the product.

We try to express clearly what users have to learn. If you have any questions, please contact us directly.

After opening the packing box for the first time, please check the main equipment and spare parts according to the packing list.

If you have any questions, please contact the dealer as soon as possible.

Please contact the marketing department or our authorized service station in case of failure during use.

We will serve you wholeheartedly.

Please keep the warranty card properly and give feedback according to the terms. This warranty card is the only valid certificate for after-sales service.

THREE KEY DIGITAL SQUARE SWITCH INSTRUCTIONS



Operating Instructions

1. When power on for the first time, press the "-" button five times to enter the oil pumping mode. The oil pump operates at the frequency of 5HZ for 200 seconds. During this period, press the "-" button again to close the oil pumping mode. If the pump oil mode is entered again, it can be used again only after the power is cut off and powered on again.
2. Press and hold the "Switch/Query" key for 3 seconds to start the operation.
3. After startup, the machine will enter the intelligent 26 ° constant temperature mode by default.
4. After the ignition is successful, press the "-" key and the "Switch/Query" key at the same time, and the interface will display LLL. Switch to the manual mode. The gear can be adjusted under the manual mode, and the gear 1-4 can be adjusted. Press the "-" key and the "Switch/Query" key at the same time again, and the interface will display CCC. Switch to the intelligent constant temperature mode, where the temperature can be adjusted, and 10 ° C - 45 ° C can be adjusted.
5. Press the "Switch/Query" button to display the information of the heater currently working, which successively displays: current battery voltage, fan speed, 4 oil pump oil frequency, ignition plug power, current core temperature, air inlet temperature. "
6. In the standby (power on and off) state, long press the "+" button for three seconds to enter the ventilation mode. The fan blows at 3500r/min, and long press the "+" button again for three seconds to close the ventilation mode.

2 Fault description

E01: Voltage too high

E02: Voltage too low

E03: oil pump open circuit

E04: Oil pump short circuit

E05: Ignition plug open circuit

E06: ignition plug short circuit

E07: Fan open circuit

E08: Fan short circuit

E09: flame goes out during heater operation

E10: Secondary ignition failure

E11: Housing temperature too high

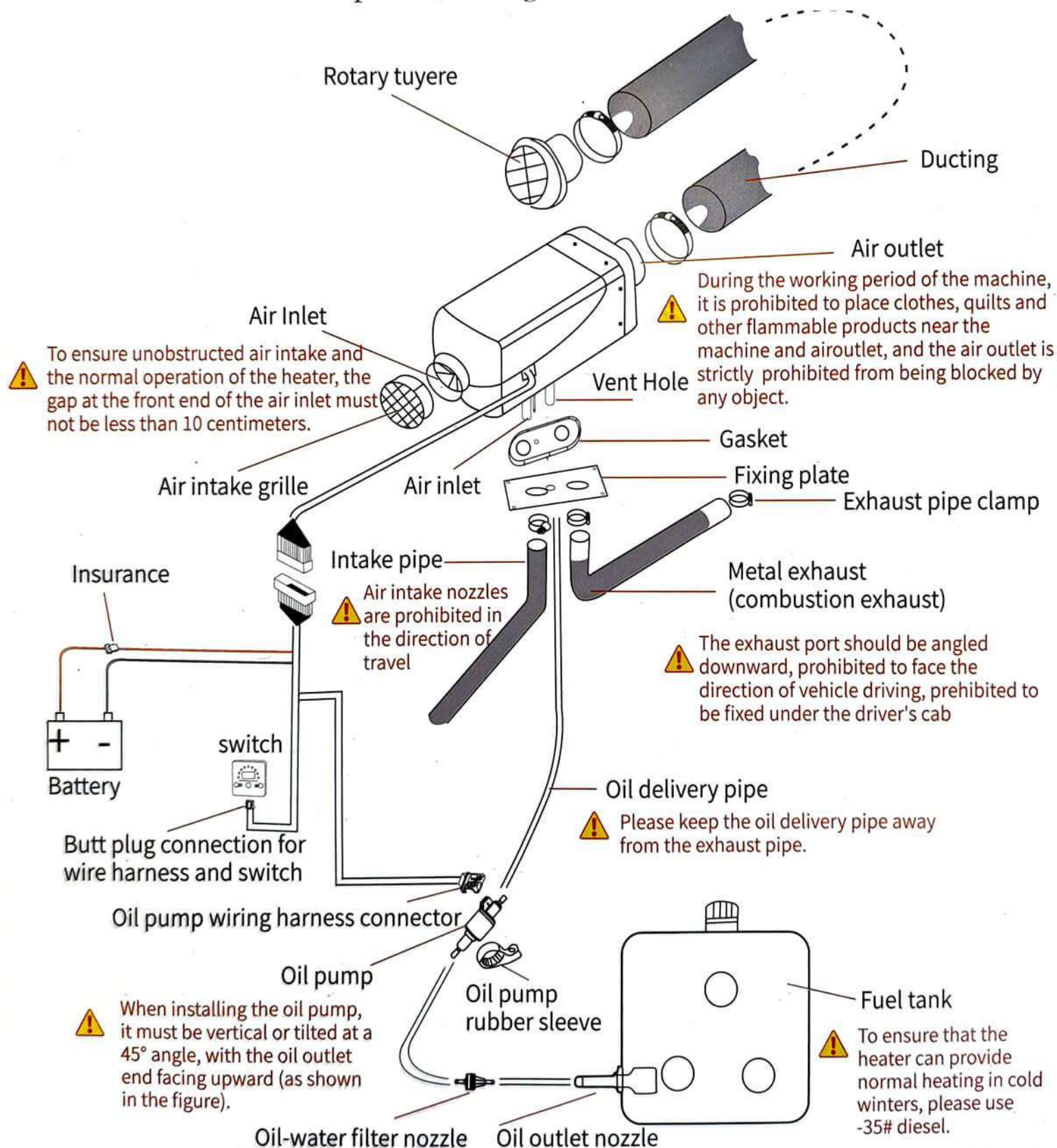
E12: No housing sensor detected

E13: Case sensor short circuit

E14: Communication between switch and control board is interrupted

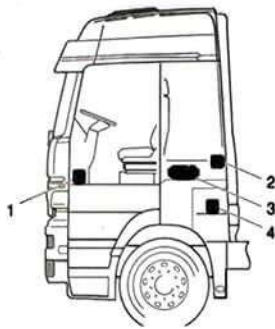
Quick Installation Guide

The parking heater is best installed flat. According to the actual installation-situation, the heater can be tilted up to 30 degrees (the air inlet direction is upward) during installation.



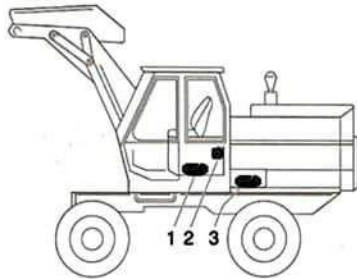
It is strictly forbidden to use foam rubber or glass glue to seal the gap reserved between the heater and the bottom of the vehicle. After the equipment is installed, check the connectors of all parts to see if the circuit connections are good, and if there is any oil leakage or unsmooth oil circuit.

Installation Location Guide



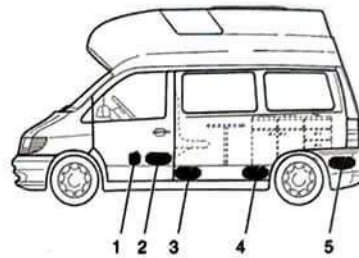
Installation positions in the truck:

- 1.The air heater is located at the footrest of the co-pilot.
- 2.The air heater is located at the rear wall of the cab.
- 3.The air heater is located under the driver's seat backrest.
- 4.The air heater is located in the toolbox.



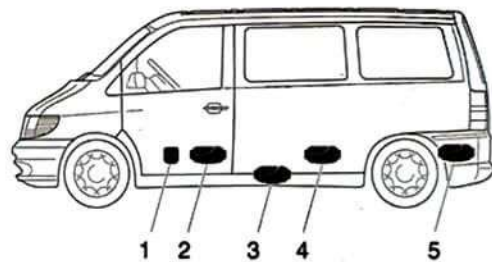
Installation positions in the cab of engineering machinery vehicles:

- 1.The air heater is located in the box of the driver's seat.
- 2..The air heater is located on the rear wall of the cab.
- 3.The air heater is located in the protective box.



Installation positions in the RV:

- 1.The air heater is located in front of the co-pilot seat.
- 2.The air heater is located between the driver's seat and the co-pilot seat.
- 3.The air heater is located on the bottom surface.
- 4.The air heater is located under the container.
- 5.The air heater is located in the luggage compartment.



Installation positions in cars and large and medium-sized buses:

- 1.The air heater is located in front of the co-pilot seat.
- 2.The air heater is located between the driver's seat and the co-pilot seat.
- 3.The air heater is located on the bottom surface.
- 4.The air heater is located under the container.
- 5.The air heater is located in the luggage compartment.

Maintenance Instructions and Precautions

Maintenance Instructions

- 1.When the heating season is over, if conditions permit, it is recommended to remove the entire system from the vehicle, clean it, and store it properly. However, it is strictly forbidden to disassemble the main body of the heater.
- 2.It is advisable to wrap the end of each air outlet with a plastic bag to prevent debris from entering and causing blockages. Before reuse after a long period of inactivity, a comprehensive inspection must be carried out as follows:
 - ①Check whether the ventilation pipes, combustion-supporting air pipes, and exhaust pipes are blocked, cracked, or loosely connected. Clean the inner walls or replace them if necessary.
 - ②Check whether the oil pipes are aged, cracked, or loose, and whether the filter screen is blocked. Clean or replace them if necessary.
 - ③Check whether the circuit connections are normal. If there is loose binding, corrosion, looseness, or breakage of wire ends, they must be replaced or handled.
 - ④Power on and run for 10-20 minutes. If thick fog appears for a long time, abnormal combustion noise is heard, or a obvious fuel smell is detected, the heater must be turned off immediately, and professional personnel should be invited to handle it.

Precautions

- 1.The positive pole of the main power supply must be connected to the positive pole of the power source.
- 2.When the fault light is flashing, press and hold the shutdown button to eliminate the fault flashing. If the heater cannot be started normally by pressing the start button, it is necessary to power off and restart it.
- 3.It is strictly forbidden to connect any additional switches to the wiring harness.
- 4.Forced power-off is prohibited when the heater is working normally.
- 5.When resting in the parked vehicle, the window glass must be left with a gap of at least 3cm and must not be completely sealed.
- 6.The exhaust pipe is prohibited from coming into contact with flammable items.

Certificate Of Approval

Product Model: Parking heater
Gas type: Diesel oil
rated voltage: 24v
Heat production: 5KW
Date of export: See QR code on outer box for details

This product has passed
inspection and is authorized to
leave the factory