

Wasserheizgeräte DBW 2010 / 2016

DBW 2010 / 2016 Water Heaters

Appareils de chauffage à eau DBW 2010 / 2016

Calefactores por agua DBW 2010 / 2016

Riscaldatori ad acqua DBW 2010 / 2016

Водяной отопитель DBW 2010 / 2016

DBW 2010 / 2016 -vesilämmittimet



Operating and servicing manual

DBW 2010 / 2016

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General information

Dear Webasto Customer!

We assume that the workshop / service centre that carried out the installation explained to you the operation and principle of functioning of your new heater to your complete satisfaction. With these operating instructions we would like to provide you with an overview of the use of the DBW 2010 / 2016 heater.

Maintenance and safety instructions

Within the territory governed by European Directive 70/156/EEC and/or EC/2007/46 (for new vehicle types from 29/04/2009), there are homologation approvals for the DBW 2010 / 2016 water heaters in accordance with the ECE-R 122 (Heating) and ECE-R 10 (EMC).

The unit must be installed as set out in the supplied installation manual. The installation must be checked in accordance with statutory installation provisions. Refer to the installation instructions for more information.

The year in which the heater is used for the first time must be permanently recorded on the heater's rating plate by deleting the inapplicable year figures.

Ensure that shut-off devices in the fuel line return are open prior to start-up.

The vehicle cooling system must first be bled and then care must be taken to bleed the heater when filling with fresh coolant. Top up with coolant if the level is too low, in accordance with the manufacturer's instructions.

Check the openings of the combustion air inlet lines and exhaust pipe opening and clean them if they are dirty.

Switch off the auxiliary heater before refuelling.

The heater must **not be operated**:

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Danger of fire,
explosion and suffocation

- in filling stations and tank farms.
- in places where explosive vapours or dust may build up (e.g. near fuel, coal, wood dust or cereal stores).
- close to inflammable materials such as: Dry grass and leaves, cardboard packaging, paper, etc.
- in enclosed rooms (e.g. garages), not even via the timer or Telestart.

The heater must **not**:



- be exposed to temperatures of more than 110 °C (storage temperature), otherwise the electronics may suffer permanent damage.
- be operated without at least 20 % brandname anti-freeze in the water of the heating circuit.

The heater **must**:



- be operated with the fuel specified on the rating plate and at the nominal voltage specified on the rating plate.
- be switched off if considerable quantities of smoke are generated, in case of unusual combustion noises or if you smell fuel. Switch it off by removing the fuse. The heater must not be restarted until the unit has been checked by personnel duly trained by Webasto.
- be operated for 10 minutes at least once per month, with the engine cold and the fan set to the minimum setting. The heater must be inspected by a specialist at the beginning of the heating season or earlier.

Liability:

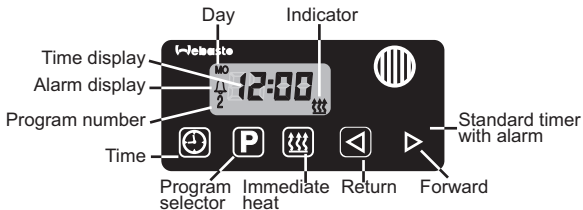
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- Failure to follow the installation instructions and the notes contained therein will lead to all liability being refused by Webasto. The same applies if repairs are carried out incorrectly or with the use of parts other than genuine spare parts. This invalidates the type approval for the heater and its homologation / ECE type permit.
- Liability claims can only be lodged if the claimant can prove that he has complied with the servicing and safety instructions.

Standard timer

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Operation of the heater

The water heater can be started via the switch or timer, depending on its configuration.

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Set the vehicle heating to “warm” before switching on the heater.

General

The time when heating starts can be programmed using the standard clock within a time range of up to 7 days. It is possible to program 3 switch-on times, however only one of them can be activated at a time.

The standard clock has an alarm function. When the ignition is switched on, the clock shows the current time and day of the week. The display and the buttons are illuminated when the heater is operating.

All symbols on the display flash when the electrical power supply is connected. The time and the day of the week must be set.

Operation

The operation of the clock is designed so that all flashing symbols can be ad-justed using the ◀ and ▶ buttons. The displayed time is stored if no button is pressed for 5 seconds. Pressing the ◀ and ▶ buttons for longer than 2 seconds causes the display to change rapidly.

If the ignition is switched off while the heater is operating in continuous heating mode, the display shows a remaining operating time of 15 minutes and the heater continues to operate.

Switching on

Manual: Press the  button (continuous heating mode).

Automatic: By programming the start of heating.

Switching off

Manual: Press the button .

Automatic: By programming the operating time when the heater is operating:
By setting the remaining operating time.

Setting the time/day

Press the  button for longer than 2 seconds – the time flashes – press the ◀ and ▶ buttons to set the time – the day of the week flashes – set the day of the week.

Checking the time

With the ignition off: Press the  button

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Programming the start of heating

Press the  button – the memory flashes – press the  and  buttons to set the start of heating – the day of the week flashes – set the day of the week. Press the  button several times to program memories 2 and 3 or change to time mode.

Checking/deleting programmed times

Press the  button several times until the required memory is displayed. To delete the programmed time: Press the  button several times until the time is displayed without a memory number.

Programming the operating time

The heater must be off. Press the  button for 3 seconds – the operating time flashes – press the  and  buttons to set the desired operating time (10 to 120 minutes).

Setting the remaining operating time

Press the ◀ and ▶ buttons to set the required remaining operating time (1 to 120 minutes). The remaining operating time is the time during which the heater continues to operate. It can only be changed while the heater is operating and the ignition is off.

Setting the alarm time

An alarm time can only be programmed with the standard clock.

The alarm time is not fixed to a particular day of the week. Press the **P** button several times until the bell symbol 🔔 appears on the display. Press the ◀ and ▶ buttons to set the required alarm time.

The alarm switches off after 5 minutes or when any of the buttons is pressed.

Checking/deleting the alarm time

Press the **P** button several times until the bell symbol 🔔 appears on the display – read off the alarm time. Deleting the alarm time: Press the button until the bell symbol 🔔 no longer appears on the display.

Remote control

Possible using an external optional immediate heat button.

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Vehicles with ADR equipment

It is not possible to program a start time in ADR vehicles. The remaining operating time is shown on the display while the heater is operating. The time can be set. The alarm can be programmed with the standard clock.

Troubleshooting

In the event of a malfunction, fuses and electrical connections should be checked for condition and security.

If the measures described below do not rectify the malfunction then the heater must be checked by personnel duly trained by Webasto.

Heater switches off automatically (= fault lock-out)**Cause**

- No combustion after start.
- Flame extinguishes during operation.
- Heater switches off due to over-heating, e.g. lack/loss of coolant.
- Electrical system voltage too low.
- Combustion air and/or exhaust system blocked.

Remedy

- Switch heater off and then on again.
- Switch heater off and then on again.
- Top up with coolant and press the temperature limiter button or fit a new temperature fuse.
- Charge battery
- Switch heater off and then on again.
- Check that the combustion air and exhaust systems are clear.

Im Fall einer mehrsprachigen Version ist Deutsch verbindlich.
Die Telefonnummer des jeweiligen Landes entnehmen Sie bitte dem Webasto Servicestellenfaltblatt oder der Webseite Ihrer jeweiligen Webasto-Landesvertretung.

In multilingual versions the German language is binding.
The telephone number of each country can be found in the Webasto service center leaflet or the website of the respective Webasto representative of your country.

Dans le cas d'une version rédigée en plusieurs langues, l'allemand est alors la langue qui fait foi.
Pour trouver le numéro de téléphone du pays concerné, veuillez consulter le dépliant des points-service Webasto ou la page web de la représentation Webasto de votre pays.

Este manual esta traducido en varios idiomas, le informamos que sólo la versión en alemán será vinculante.

Consulte el número de teléfono del país correspondiente en el folleto de los servicios autorizados Webasto, o en la página web de su representante Webasto.

Nel caso di una versione plurilingue il tedesco è vincolante.
I numeri di telefono dei diversi Paesi sono riportati sul pieghevole relativo ai centri di assistenza Webasto oppure sul sito Internet del proprio rappresentante di riferimento Webasto.

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обязательным является немецкий вариант.
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Webasto и в интернете на странице
представительства Webasto в Вашей
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