### Water Heater



Thermo Top E Parking Heater



Thermo Top C Parking Heater



# **Installation Documentation**

# Citroen Jumpy / Fiat Scudo / Peugeot Expert

From Model Year 2007

# **Toyota Proace**

From model year 2013

Diesel

Left-hand drive vehicle

Manual and automatic transmission

Manual air-conditioning and automatic air-conditioningManual air-conditioning and automatic air-conditioning



#### **WARNING!**

Hazard warning:

The improper installation or repair of Webasto heating and cooling systems can cause fire or the leakage of deadly carbon monoxide, leading to serious injury or death.



To install and repair Webasto heating and cooling systems you need to have completed a special company training course and have the appropriate technical documentation, special tools and special equipment.

Only use genuine Webasto parts. See the Webasto air and water heaters accessories catalogue for this purpose.

NEVER attempt to install or repair Webasto heating or cooling systems if you have not successfully completed the company training and thereby acquired the required technical skills, or if you do not have access to the required technical documentation, tools and equipment needed to carry out correct installation and repairs.

ALWAYS follow all Webasto installation and repair instructions and observe all warnings.

The initial startup is to be executed with the Webasto Thermo Test Diagnosis.

Webasto does not accept any liability for defects and damage that are attributable to installation by untrained staff.

#### **Table of Contents**

| 2  | Preparing Installation Location                            | 15  |
|----|--|---|
| 3  | Preparing Heater   | 15  |
| 3  | Installing Heater  | 18  |
| 3  | Fuel   | 19  |
| 3  | Coolant Circuit  | 20  |
| 4  | Final Work   | 28  |
| 5  | Operating Instructions for End Customer                    | 29  |
| 5  |  |   |
| 6  |  |   |
| 8  |  |   |
| 9  |  |   |
| 11 |  |   |
| 14 |  |   |
| 14 |  |   |
|    | 3<br>3<br>3<br>3<br>4<br>5<br>5<br>6<br>8<br>9<br>11<br>14 | 3 Preparing Heater 3 Installing Heater 3 Fuel 3 Coolant Circuit 4 Final Work 5 Operating Instructions for End Customer 5 6 8 9 11 |

### **Validity**

| Manufacturer | Model  | Туре | EG-BE No. / ABE          |
|--------------|--------|------|--------------------------|
| Citroen      | Jumpy  | G9   | e2 * 2001 / 116 * 0348 * |
| Citroen      | Jumpy  | G9   | e2 * 2001 / 116 * 0350 * |
| Citroen      | Jumpy  | G9   | e2 * 2007 / 46 * 0045 *  |
| Fiat         | Scudo  | 270  | e2 * 2001 / 116 * 0351 * |
| Peugeot      | Expert | G9   | e2 * 2001 / 116 * 0349 * |
| Peugeot      | Expert | G9   | e2 * 2007 / 46 * 0046 *  |
| Toyota       | Proace | X    | e2 * 2007 / 46 * 0388 *  |

| Engine type | Engine model | Output in kW | Displacement in cm <sup>3</sup> |
|-------------|--------------|--------------|---------------------------------|
| 9HU         | Diesel       | 66           | 1560                            |
| RHK         | Diesel       | 88           | 1997                            |
| RH02        | Diesel       | 94           | 1997                            |
| AHZ         | Diesel       | 94           | 1997                            |
| 4WZ-FTV     | Diesel       | 94           | 1997                            |
| 4WZ-FHV     | Diesel       | 120          | 1997                            |
| RHH         | Diesel       | 120          | 1997                            |

Vehicle and engine types, equipment variants and national specifications not listed in this installation documentation have not been tested. However, installation according to this installation documentation may be possible.

The installation location of the digital timer should be confirmed with the end customer before installation.

#### **Heater / Installation Kit**

| Quantity | Description                            | Order No.:     |
|----------|--|----------------|
| 1        | Basic delivery scope of Thermo Top E/C | see price list |
| 1        | Heater control                         | see price list |

#### Also required:

| 1 | Installation kit for Citroen Jumpy / Fiat Scudo / Peugeot Expert / | 1313563C |
|---|--|----------|
|   | Toyota Proace Diesel manual air-conditioning                       |          |

#### or:

| 1 | Installation kit for Citroen Jumpy / Fiat Scudo / Peugeot Expert | 1313585E |
|---|--|----------|
|   | Diesel automatic air-conditioning                                |          |

#### **Foreword**

This installation documentation applies to Citroen Jumpy / Fiat Scudo / Peugeot Expert diesel vehicles from model year 2007 and later as well as Toyota Proace from model year 2013 and later - for validity, see page 2 -, assuming technical modifications to the vehicle do not affect installation, any liability claims excluded. Depending on the vehicle version and equipment, modifications may be necessary during installation with respect to these "installation instructions".

However, the regulations in this "installation documentation", the "operating instructions" and "installation instructions" for the *Thermo Top E/C* must always be observed.

The corresponding rules of technology and any information from the vehicle manufacturer should be observed during the installation work.

#### **General Instructions**

Installation should be carried out according to the general, standard rules of technology. Unless specified otherwise, fasten hoses, lines and wiring harnesses to original vehicle lines and wiring harnesses using cable ties. Insulate loose wire ends and tie back. Connectors on electronic components have to audibly click into place during installation.

Sharp edges should be fitted with rub protection. Spray unfinished body areas, e.g. drilled holes, with anti-corrosion wax (Tectyl 100K, Order No. 111329).

When installing an IPCU, the relevant settings must be checked or adjusted before the installation.

#### **Special Tools**

- Torque wrench for 2.0 10 Nm
- Hose clamping pliers

### **Explanatory Notes on Document**

You will find an identification mark on the outside top right corner of the page in question to provide you with a quick overview of the individual working steps.

# **Mechanical system**

**>=** 

**Electrical System** 



**Coolant Circuit** 



**Fuel** 



**Exhaust gas** 



**Combustion Air** 



Software



#### Special features are highlighted using the following symbols:



Specific risk of injury or fatal accidents.



Specific risk of damage to components.



Specific risk of fire or explosion.

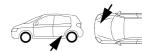


Reference to general installation instructions of Webasto components or to the manufacturer's vehicle-specific documents.



Reference to a special technical feature.

Status: 30.04.2014



Ident. No.: 1313564H\_EN

The arrow in the vehicle icon indicates the position on the vehicle and the viewing angle.

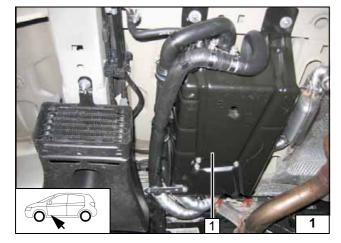
All dimensions are in mm!
Tightening torque of hose clamps = 2.0 + 0.5 Nm!
Tightening torque of Ejot screws, Ejot studs = 10 Nm!

### **Preliminary Work**

#### **WARNING!**

- Open the fuel tank cap, ventilate the fuel tank.
- Close the fuel tank cap again.
- Disconnect the battery.
- Depressurise the cooling system.
- Copy the factory number from the original type label to the duplicate type label.
- Remove years that do not apply from the duplicate label.
- Attach the duplicate label (type label) in the appropriate place.
- Remove the air filter together with the intake hose.
- Remove the fresh-air supply line above the engine.
- Open the fuse box in the engine compartment.
- Remove the cover above the glove compartment.
- Remove the footwell trim on the driver's side.
- Remove the lower instrument panel trim on the driver's side.

Please remove page 29 "Operating Instructions for End Customer" and add to the operating instructions.



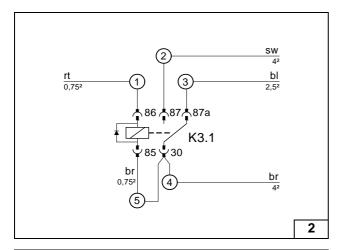
#### **Heater Installation Location**

1 Heater

Installation location







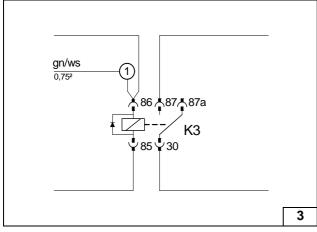
#### **Preparing Electrical System**

Wire sections retain their numbering throughout the entire document.

#### Manual air-conditioning

Produce connections as shown in wiring diagram.

# Preparing additional relay K3.1

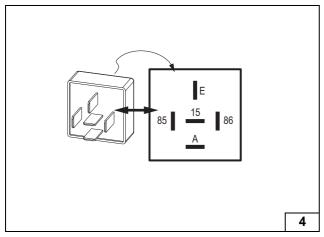


#### **Automatic air-conditioning**

Produce connections as shown in wiring diagram.

Remove red (rt) wire from K3/87a and discard. Pull wire ① into provided protective sleeving.



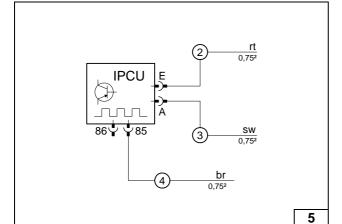


Check the IPCU settings when starting up the heater and adjust if necessary.

#### Settings:

Duty cycle: 42%
Frequency: 1200Hz
Voltage: 4.6V
Function: High side

Preparing IPCU

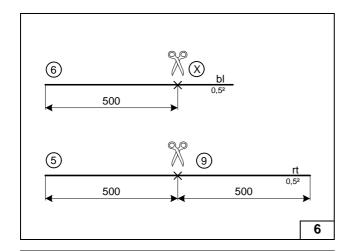


Connect lines to IPCU socket.

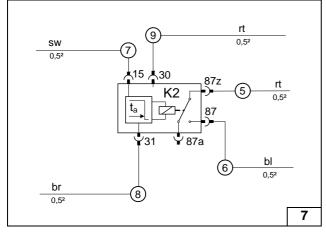


Preparing IPCU









Produce connections as shown in wiring diagram. Pull wires ⑦, ⑧ and ⑨ into protective sleeving.



Preparing K2-relay



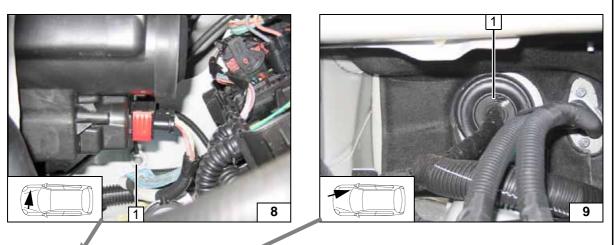
### **Electrical System**

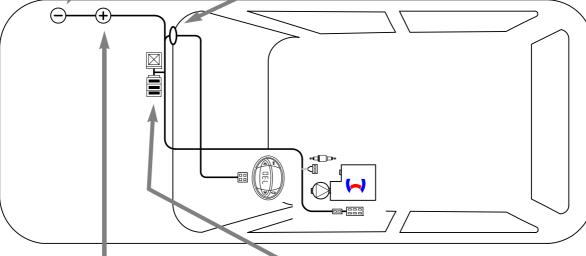
### Earth wire

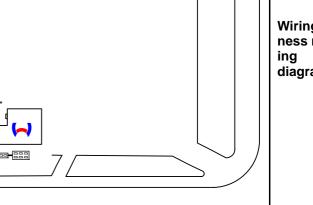
1 Original vehicle earth support point

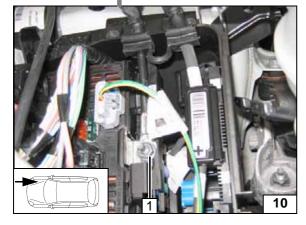
#### Wiring harness pass through

1 Protective rubber plug



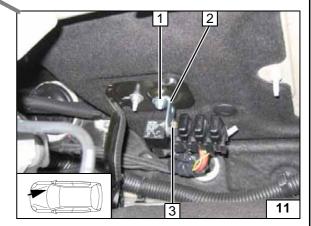






Positive wire

1 Original vehicle positive support point



Fuse holder, K3 relay

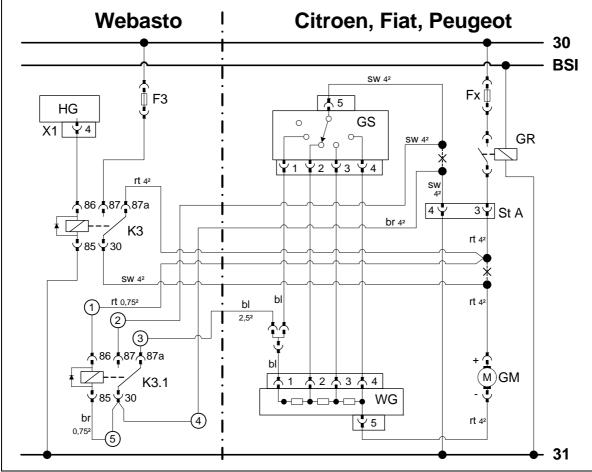
- 1 Original vehicle stud bolt, flanged nut
- 2 Angle bracket
- 3 M5x16 bolt, washer, retaining plate of fuse holder, K3 relay, flanged nut on angle bracket



Wiring harness routdiagram



### **Fan Controller for Manual Air-Conditioning**



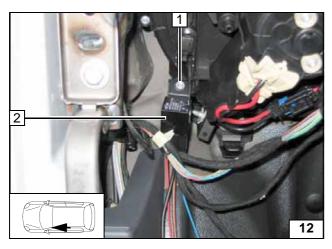
| Webasto components |                        | Vehicle components |                 | Colours and symbols      |               |
|--------------------|------------------------|--------------------|-----------------|--------------------------|---------------|
| HG                 | Heater TT-C/E          | Fx                 | Fuse            | rt                       | red           |
| X1                 | 6-pin heater connector | GS                 | Fan switch      | ws                       | white         |
| F3                 | 25A fuse               | GR                 | Fan relay       | SW                       | black         |
| K3                 | Fan relay              | St A               | 6-pin connector | br                       | brown         |
| K3.1               | Additional relay       | GM                 | Fan motor       | bl                       | blue          |
|                    |                        | WG                 | Resistor group  |                          |               |
|                    |                        |                    |                 |                          |               |
|                    |                        |                    |                 |                          |               |
|                    |                        |                    |                 |                          |               |
|                    |                        |                    |                 | Х                        | Cutting point |
|                    |                        |                    |                 | Wiring colours may vary. |               |

i

Wiring diagram

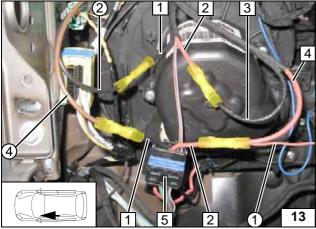
Legend





- 1 Original vehicle bolt
- 2 K3.1 relay

Installing K3.1 relay



Connection to 6-pin connector **5** before the fan motor. Produce connections as shown in wiring diagram.

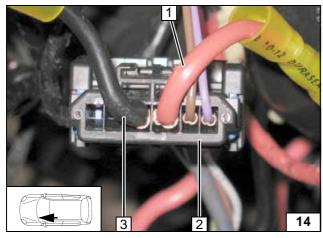


Connect-

tor

ing fan mo-

- 1 Black (sw) wire of connector, pin 4, sepa-
- 2 Red (rt) wire of connector, pin 3, separated
- 3 Black (sw) wire from K3/30
- 4 Red (rt) wire from K3/87a
- 1 Red (rt) wire from K3.1/86
- 2 Black (sw) wire from K3.1/87
- 4 Brown (br) wire from K3.1/30



Wire-side view of connection on 6-pin connector 2.



- 1 Red (rt) wire of connector, pin 3
- 3 Black (sw) wire of connector, pin 4

View of 6pin connector



Status: 30.04.2014



- nected
- 3 3x connector
- 3 Blue (bl) wire from K3.1/87a

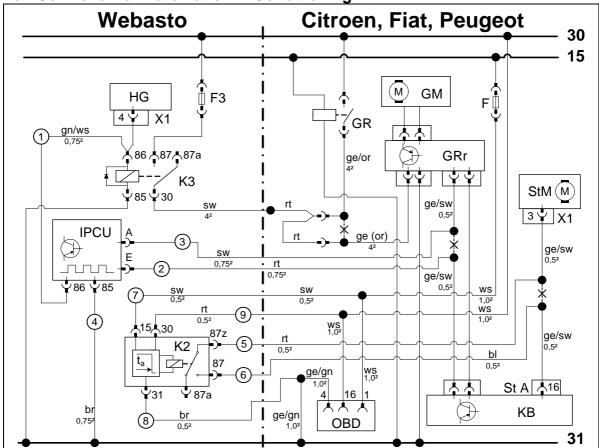
Connectingresistor group



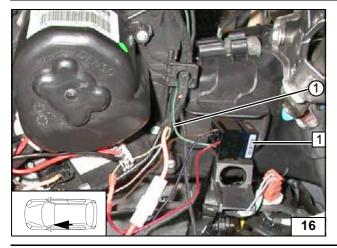
Ident. No.: 1313564H\_EN







| Webas               | sto components           | Vehicle components |                                       | Colours and symbols |                   |
|---------------------|--------------------------|--------------------|---------------------------------------|---------------------|-------------------|
| HG                  | Heater TT-C/E            | GRr                | Fan controller                        | rt                  | red               |
| X1                  | 6-pin heater connector   | GR                 | Fan relay                             | WS                  | white             |
| F3                  | 25A fuse                 | GM                 | Fan motor                             | sw                  | black             |
| K3                  | Fan relay                | KB                 | A/C control panel                     | br                  | brown             |
| K2                  | Additional relay delayed | St A               | Connector KB                          | ge                  | yellow            |
|                     | by 20 sec.               | OBD                | Diagnosis connector OBD               | gn                  | green             |
| IPCU                | Pulse width modulator    | F                  | Fuse                                  | or                  | orange            |
| IPCU settings:      |                          | StM                | Positioning motor of air distribution |                     |                   |
| Duty cycle: 42%     |                          | X1                 | 6-pin connector of StM                |                     |                   |
| Frequency: 1200Hz   |                          |                    |                                       |                     |                   |
| Voltage             | e: 4.6V                  |                    |                                       |                     |                   |
| Function: High side |                          |                    |                                       | Wiring              | colours may vary. |



Secure IPCU socket 1 with double-sided adhesive tape. Connect green/white (gn/ws) wire 1 from K3/86 to IPCU/86.



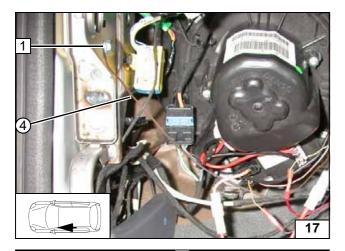
Wiring diagram

Legend



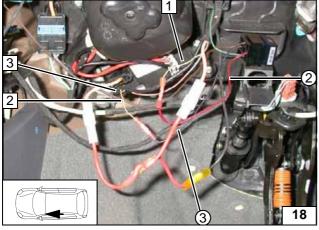
Installing **IPCU** 





- 1 M6x16 bolt, flanged nut on existing hole
- 4 Cable lug, brown (br) wire from IPCU/85

Connecting earth wire of IPCU



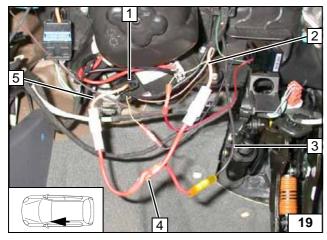
Connection on 2-pin connector **3** from fan controller. Produce connections as shown in wiring diagram.



- Yellow/black (ge/sw) wire of A/C control panel
- 2 Yellow/black (ge/sw) wire of connector fan controller
- 2 Red (rt) wire from IPCU/E
- 3 Black (sw) wire from IPCU/A

ing IPCU

Connect-



Connection on 2-pin connector **1** from fan controller. Produce connections as shown in wiring diagram.



- 2 Yellow or orange (ge/or) wire of fan relay
- 3 Black (sw) wire from K3/30
- 4 Y-adapter
- 5 Yellow (ge) wire of connector fan controller

Connecting fan controller



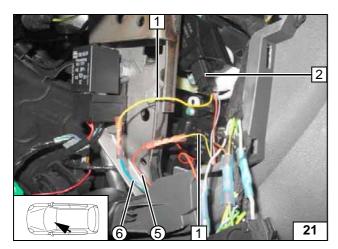
Fasten K2 relay socket **1** with double-sided adhesive tape.



Installing K2 relay

Ident. No.: 1313564H\_EN Status: 30.04.2014 © Webasto Thermo & Comfort SE 12

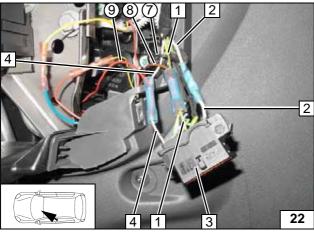




Connection to 6-pin connector X1 2 pin 3 from air distribution positioning motor.

- 1 Yellow/black (ge/sw) wire of X1/3 sepa-
- 5 Red (rt) wire from K2/87z
- 6 Blue (bl) wire from K2/87





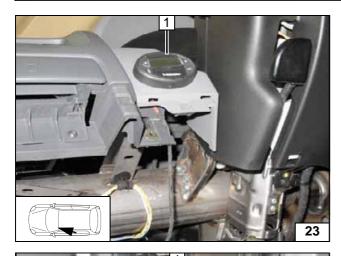
Connection to OBD socket outlet 3. Produce connections as shown in wiring diagram.



- 1 Green/yellow (gn/ge) wire of 4-pin, disconnected
- 2 White (ws) wire, Pin 1, disconnected
- 4 White (ws) wire, Pin 16, disconnected
- 7 Black (sw) wire from K2/15
- Brown (br) wire from K2/31
- 9 Red (rt) wire from K2/30

Connection to **OBD** socket outlet

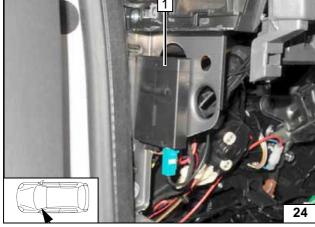




### **Digital Timer**

1 Digital timer

Installing digital timer

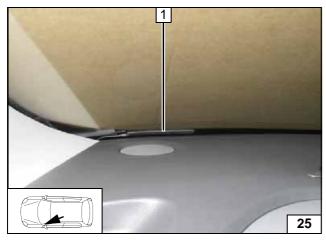


### **Remote Option (Telestart)**

Fasten receiver 1 with adhesive tape.

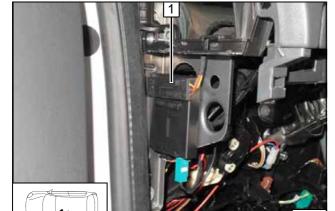


Installing receiver



1 Antenna

Installing antenna



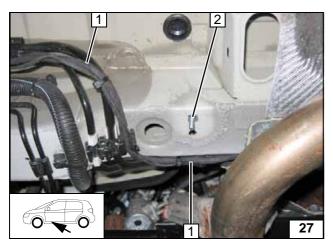
#### **Temperature sensor T100 HTM**

Fasten temperature sensor **1** with adhesive tape.



Installing tempera-ture sensor

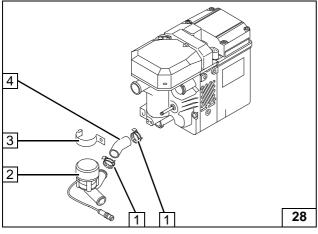




#### **Preparing Installation Location**

Route wiring harnesses of heater and metering pump 1 to installation location of heater. Insert M6x20 bolt 2 with large diameter washer in original vehicle hole from above.

**Mounting** bolt

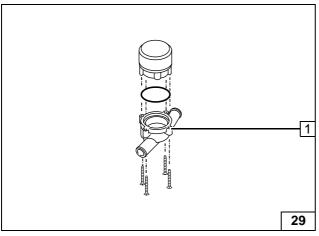


#### **Preparing Heater**

- 1 Spring clip [2x]
- 2 Circulating pump
- 3 Clamp
- 4 Hose of heater inlet



Dismantling circulating pump



Reinstall circulating pump after replacing.

1 193° pump cover



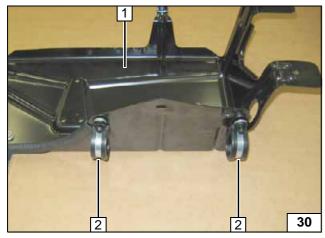
Replacing circulating pump cov-



Status: 30.04.2014

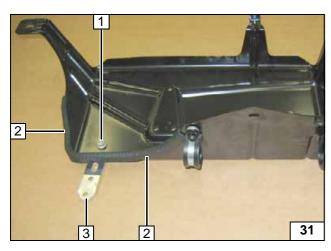
2 29 mm dia. rubber-coated p-clamp, plastic nut [2x each] on existing stud bolt

> **Preparing** bracket



Ident. No.: 1313564H\_EN



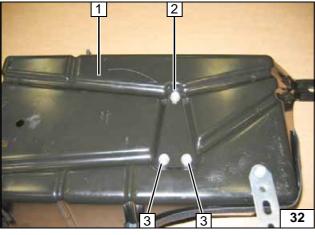


Cut 280 mm off edge protection.

- 1 M6x20 bolt, flanged nut2 280 mm edge protection
- 3 Perforated bracket



**Preparing** bracket

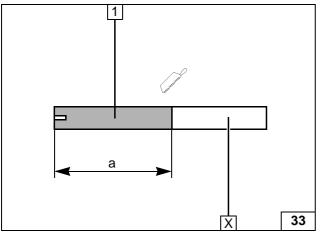


Insert two washers between heater and bracket 1 at position 2.

- 2 Ejot screw, washer [2x]
- 3 Ejot screw [2x]



Premounting heater



1 Combustion air pipe a = 50

Discard section X

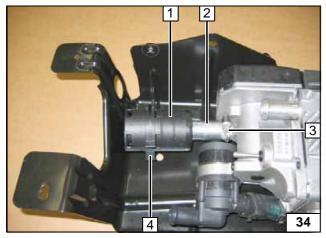
Cutting combustion air pipe to length



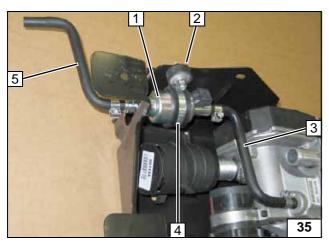
- 2 Combustion air pipe
- 3 27mm dia. clamp
- 4 Retaining clip in hole



Premounting silencer

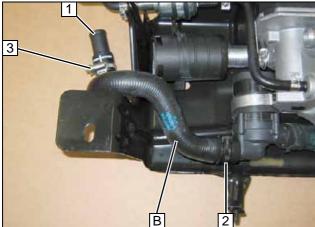






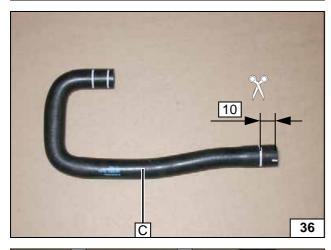
- 1 Metering pump
- 2 Silent block on existing threaded hole
- 3 Moulded hose, 10 mm dia. clamp [2x]
- **4** Rubber-coated p-clamp, flanged nut on silent block
- 5 Moulded hose, 10 mm dia. clamp

Premounting metering pump



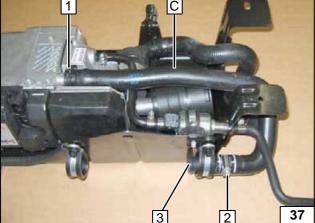
- 1 18x20 connecting pipe
- 2 27mm dia. spring clip
- 3 27mm dia. clamp

Premounting hose B



Shorten hose C by 10mm

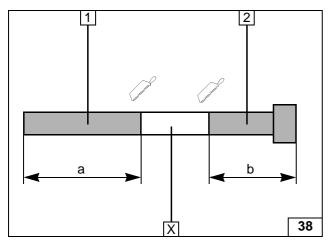
Cutting hose C to length



- 1 27mm dia. spring clip
- 2 27mm dia. clamp
- 3 18x20 connecting pipe

Premounting hose C

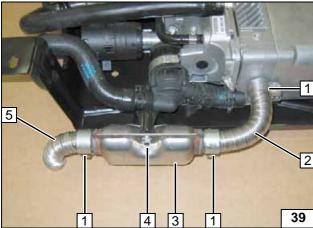




- 1 Exhaust pipe a = 130
- **2** Exhaust end section b = 90

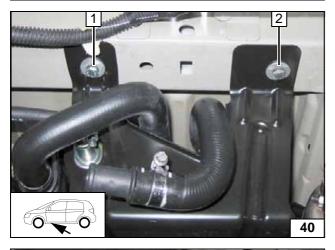
Discard section X

Preparing exhaust pipe



- 1 Hose clamp [3x]
- 2 Exhaust pipe
- 3 Exhaust silencer
- 4 Flanged nut on existing stud bolt
- **5** Exhaust-pipe end section

Premounting exhaust system



### **Installing Heater**

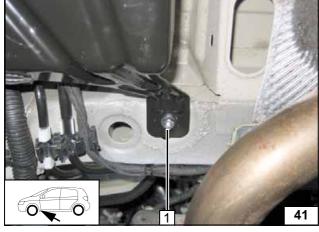
Attach wiring harnesses of heater and metering pump to heater prior to assembly.

- 1 M6x20 bolt, spring lockwasher, large diameter washer
- 2 Original vehicle bolt, if available, otherwise M6x20 bolt, spring lockwasher, large diameter washer

Installing heater

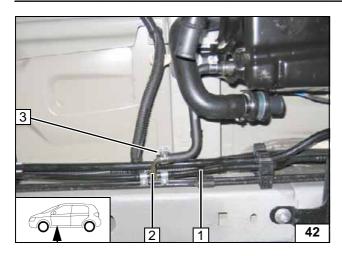
1 Flanged nut

Installing heater



Ident. No.: 1313564H\_EN Status: 30.04.2014 © Webasto Thermo & Comfort SE 18





#### Fuel

Cut off fuel return line 1 at position 2. Mount fuel standpipe 2 in cutting point.



- 2 6x5x6 fuel standpipe, 8 mm dia. clamp [2x]
- 3 10mm dia. clamp

Fuel extraction

Ident. No.: 1313564H\_EN Status: 30.04.2014 © Webasto Thermo & Comfort SE 19

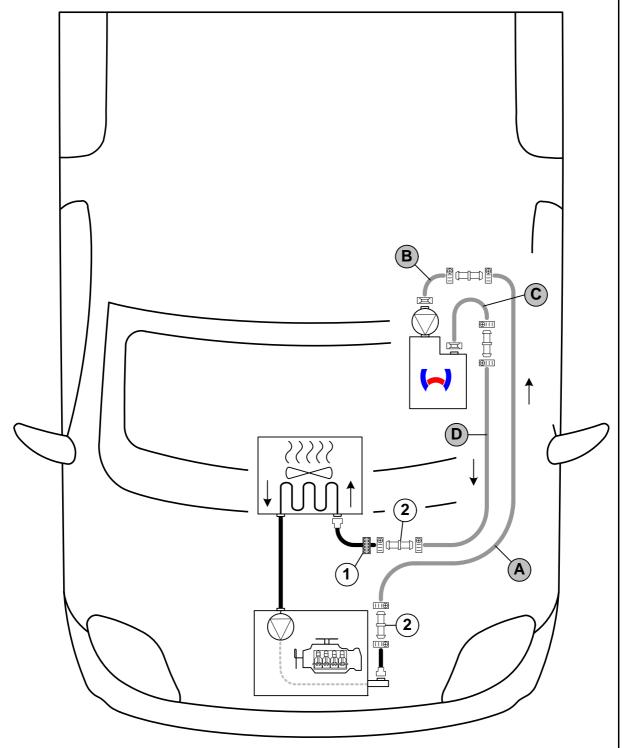


### **Coolant Circuit**

Any coolant running off should be collected in an appropriate container. Route hoses so that they are kink-free. Unless specified otherwise, always fasten using cable ties. Position clamps so that other hoses cannot be damaged. When installing the hoses, the heater must be filled with coolant.



The connection should be "inline" based on the following diagram:



Hose routing diagram

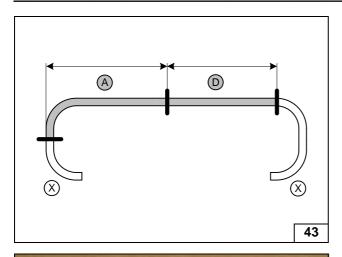
All spring clips = 27 mm dia. All hose clamps = 20-27 mm dia.

1 = Black (sw) rubber isolator inner dia. d<sub>i</sub> = 20 mm 1.6 D. 1 = Black (sw) rubber isolator inner dia. d<sub>i</sub> = 25 2.0 D.

2 = connecting pipe = 15x20 mm dia. 1.6 D 2 = Connecting pipe = dia. 18x20 2.0 D.







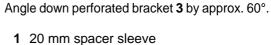
#### All vehicles

Discard section X

A = 1100**D**= 1070



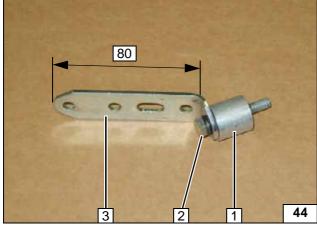
Cutting hoses to length



**2** M6x40 bolt, spring lockwasher, pin lock



**Preparing** perforated . bracket

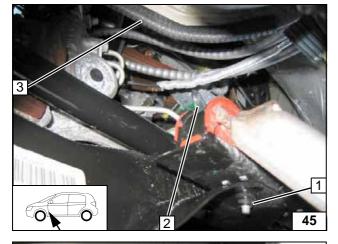


Remove original vehicle bolt at position 1 .



- 1 M6x40 bolt on threaded hole
- 2 Perforated bracket
- 3 220 mm edge protection





#### 1.6 D 9HU

Remove hose 1 from engine outlet/heat exchanger inlet.

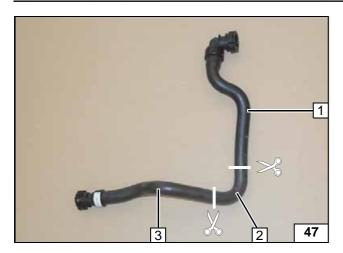


Cutting point



Status: 30.04.2014 © Webasto Thermo & Comfort SE 21 Ident. No.: 1313564H\_EN

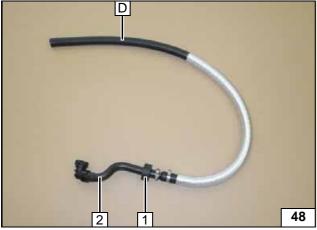




Cut off hose on engine outlet/heat exchanger inlet at markings.

- **1** Hose section of heat exchanger inlet
- 2 Discard section
- 3 Hose section of engine outlet

Cutting hose

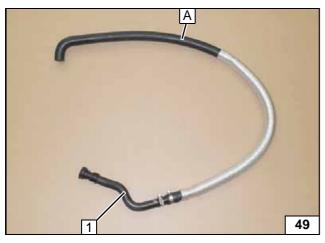


Slide heat protection hose onto hose **D**.



- 1 Black (sw) rubber isolator inner dia. d<sub>i</sub> = 20mm
- 2 Hose section of heat exchanger inlet

Preparing hose D

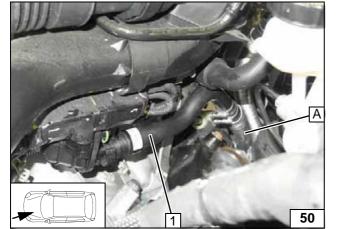


Slide heat protection hose onto hose **A**.



1 Hose section of engine outlet





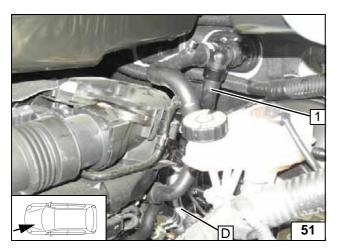
Route through hose **A** to underbody and connect to connection piece on engine outlet.



1 Hose section of engine outlet

Connecting engine outlet



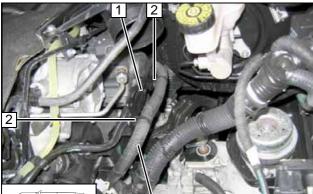


Route through hose **D** to underbody and connect to connection piece on heat exchanger

1 Hose section of heat exchanger inlet



Connecting heat exchanger inlet



#### 2.0 D RHK und RH02

Detach retaining clip 2 [2x] from original vehicle wiring harness 3. Remove retaining plate 1.



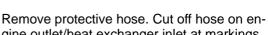
Removing retaining plate

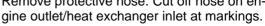


Remove hose 1 from engine outlet/heat exchanger inlet.



Cutting point

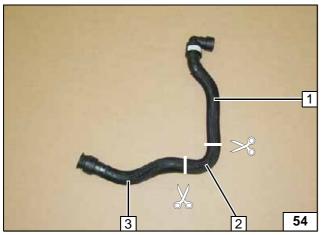




- 1 Hose section of heat exchanger inlet
- 2 Discard section
- 3 Hose section of engine outlet

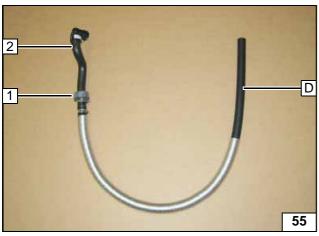


Cutting hose



Ident. No.: 1313564H\_EN





Slide heat protection hose onto hose **D**.

- 1 Black (sw) rubber isolator inner dia. d<sub>i</sub> = 25 mm
- 2 Hose section of heat exchanger inlet



Preparing hose D

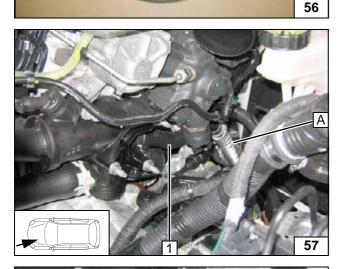


Slide heat protection hose onto hose A.

1 Hose section of engine outlet



Preparing hose A



Route through hose **A** to underbody and connect to connection piece on engine outlet.



1 Hose section of engine outlet





Route through hose **D** to underbody and connect to connection piece on heat exchanger inlet

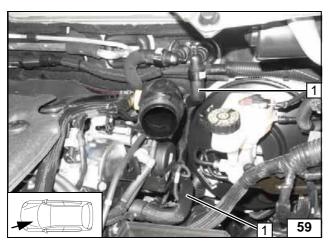


1 Hose section of heat exchanger inlet

Connecting heat exchanger inlet

Ident. No.: 1313564H\_EN Status: 30.04.2014 © Webasto Thermo & Comfort SE 24



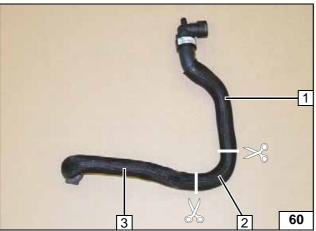


#### 2.0 D AHZ, RHH, 4WZ-FTV und 4WAZ-FHV

Remove hose 1 from engine outlet/heat exchanger inlet.



Cutting point



Remove protective hose. Cut off hose on engine outlet/heat exchanger inlet at markings.



- 1 Hose section of heat exchanger inlet
- 2 Discard section
- 3 Hose section of engine outlet



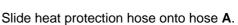


Slide heat protection hose onto hose **D**.



- 1 Black (sw) rubber isolator inner dia. d<sub>i</sub> =
- 2 Hose section of heat exchanger inlet

**Preparing** hose D



1 Hose section of engine outlet



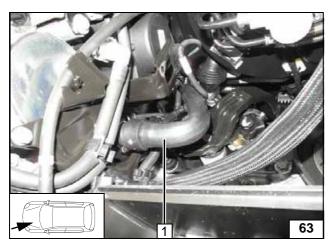
**Preparing** 



Ident. No.: 1313564H\_EN

Status: 30.04.2014 © Webasto Thermo & Comfort SE 25





Route through hose **A** to underbody and connect to connection piece on engine outlet.

1 Hose section of engine outlet



Connecting engine outlet

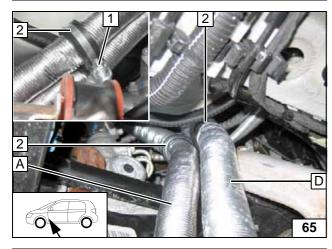


Route through hose **D** to underbody and connect to connection piece on heat exchanger inlet.

1 Hose section of heat exchanger inlet



Connecting heat exchanger inlet

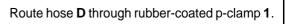


#### All vehicles

Fasten hose **A** and **D** on premounted perforated bracket with rubber-coated 34 mm dia. p-clamp **1** [2x], M6x20 bolt and flanged nut.

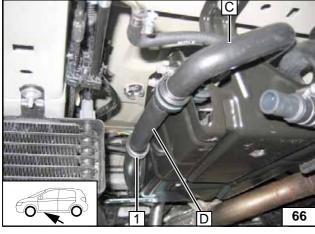


Routing on underbody



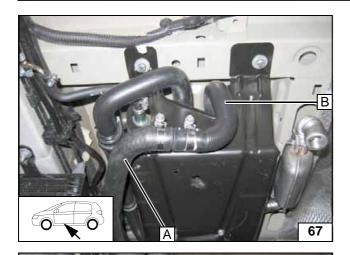


Connecting heater outlet

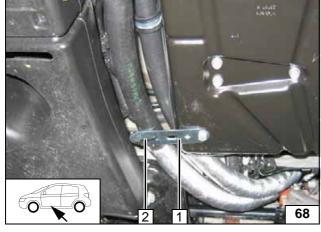


Ident. No.: 1313564H\_EN Status: 30.04.2014 © Webasto Thermo & Comfort SE 26



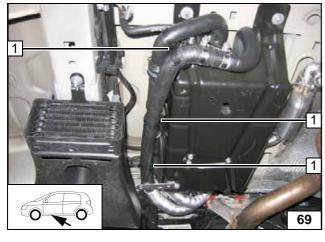


Connecting heater inlet



- 1 Perforated bracket
- 2 Cable tie

**Fastening** hose A



Align hoses. Ensure sufficient distance from neighbouring components.

1 Spacer bracket [3x]



Installing spacer bracket



#### **Final Work**

#### **WARNING!**

Mount removed parts in reverse order.

Check all hoses, clamps and all electrical connections for firm seating.

Secure all loose wires using cable ties.

Only use manufacturer-approved coolant.

Spray the heater components with anti-corrosion wax (Tectyl 100K, Order No. 111329).

- Connect the battery.
- Fill and bleed the coolant circuit according to the vehicle manufacturer's specifications.
- Adjust digital timer, teach telestart transmitter.
- Make settings on A/C control panel according to the "Operating Instructions for End Customer".
- Place the "Switch off parking heater before refuelling" caution label in the area of the filler neck.
- For initial startup and function check, please see installation instructions.







#### **Operating Instructions for End Customer**



Please remove page and add to the vehicle operating instructions.

#### Note:

We recommend matching the heating time to the driving time.

Heating time = driving time

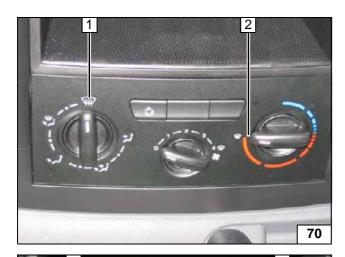
#### Example:

For a driving time of approx. 20 min. (in one direction), we recommend not exceeding a switch-on time of 20 min.

If the summer/winter switch option has been installed on the heater, this must be switched in accordance with the time of year. The heater will then heat in the position Winter and in the position Summer it will only switch on the vehicle fan to ventilate the vehicle interior.



Before parking the vehicle, make the following settings:



- 1 Air outlet onto windscreen
- 2 Set temperature to "max."

Manual airconditioning



- 1 Set temperature on right and left to "HI"
- 2 Air outlet faces upward

Automatic air-conditioning