



## *Thermo Top Evo* Parking Heater "Island based circuit"

# Installation Documentation Peugeot 3008

## Validity

Manufacturer		Model	Туре	EG-BE No./ ABE	
Peugeot		3008	0U	e1 * 2001 / 116 * 0377*	
Motorisation	Fuel	Transmission type	e Output in kW	Displacement in cm <sup>3</sup>	Engine code
1.6 HDI	Diesel	SG	84	1560	9HD
1.6 BLUE HDI	Diesel	6-speed SG	88	1560	BHZ

E1 00 0258

SG = manual transmission

From model year 2014 Left-hand drive vehicle

 Verified equipment variants:
 Manual / automatic air-conditioning system

 Front fog lights
 Headlight washer system

 BI-Xenon
 Passenger compartment monitoring

Total installation time: approx. 11 hours

## Peugeot 3008

## **Table of Contents**

## **Necessary Components**

- Basic delivery scope Thermo Top Evo according to price list
- Installation kit Peugeot 3008 2014 1.6 Diesel: 1323017C
- · Heater control in accordance with price list and upon consultation with end customer
- In case of Telestart, indicator lamp in accordance with price list and in consultation with end customer
- In case of installation of MultiControl CAR: MultiControl installation frame: 9030077\_

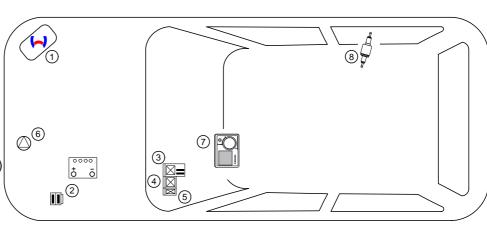
## Installation instructions:

- Arrange for the vehicle to be delivered with the tank only about 1/4 full.
- The installation location of the push button in the case of Telestart or Thermo Call should be confirmed with the end customer.
- Depending on the available space and manufacturer's instructions, we recommend the use of a vehicle battery with more electrical capacity.
- Integration in the coolant circuit is based on the island circuit model. In parking heating mode there will be **no** engine pre-heating!

## **Installation Overview**

### Legend:

- 1. Heater
- 2. Fuse holder of engine compartment
- 3. Relay and fuse holder of passenger compartment
- 4. PWM GW
- 5. K2 relay (only with automatic A/C)
- 6. Circulating pump
- 7. MultiControl CAR
- 8. Metering pump



## Information on Total Installation Time

The total installation time includes the time needed for mounting and demounting of the vehicle-specific components, the heater specific installation time and all other times required for the system integration and initial start-up of the heater.

The total installation time may vary for vehicle equipment other than provided.

## Information on Operating and Installation Instructions

### 1 Important information (not complete)

### 1.1 Installation and repair

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.

Installation and repair may ONLY be carried out by persons trained and certified in a Webasto training course. NEVER try to install or repair Webasto heating or cooling systems if you have not completed a Webasto training course, you do not have the necessary technical skills and you do not have the technical documentation, tools and equipment available to ensure that you can complete the installation and repair work properly.

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

#### 1.2 Operation

To ensure safe operation, we recommend having the heater checked every two years by an authorised Webasto dealer, especially when used over a long period and/or under extreme environmental conditions.

Do not operate the heater in closed rooms due to the danger of poisoning and suffocation.

Always switch off the heater before refuelling.

The heater may only be used with the prescribed fuel Diesel (DIN EN 590) or petrol (DIN EN 228).

The heater may not be cleaned with a high-pressure cleaner.

#### 1.3 Please note

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

To become familiar with and understand all functions and properties of the heater, the operating instructions must be read carefully and observed at all times.

For proper, safe installation and repair work, the installation instructions with all warnings and safety information must be carefully read and observed at all times. Please always contact a workshop authorised by Webasto for all installation and repair work.

#### Important

Webasto shall assume no liability for defects, damage and injuries resulting from a failure to observe the installation, repair and operating instructions of the information contained in them.

This liability exclusion particularly applies to improper installations and repairs, installations and repairs by untrained persons or in the case of a failure to use genuine spare parts.

The liability due to culpable disregard to life, limb or health and due to damage or injuries caused by a wilful or reckless breach of duty remain unaffected, as does the obligatory product liability.

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 must audibly snap into place during assembly.

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).

Observe the instructions and guidelines of the respective vehicle manufacturer for demounting and mounting vehicle specific components!

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

When installing a programmable control module (e.g. a PWM Gateway), the corresponding settings must be checked or adjusted.

#### 2 Statutory regulations governing installation

Guidelines	Thermo Top Evo	
Heating Directive ECE R122	E1 00 0258	
EMC Directive ECE R10	E1 04 5627	

#### Note

The regulations of these guidelines are binding in the scope of the Directive 70/156/EEC and/or 2007/46/EC (for new vehicle models from 29/04/2009) and should also be observed in countries in which there are no special regulations.

#### Important

Failure to follow the installation instructions will result in the invalidation of the type approval for the heater and therefore invalidation of the general **homologation of the vehicle**.

#### Note

The heater is licensed in accordance with paragraph 19, section 3, No. 2b of the StVZO (German Road Traffic Licensing Authority).

#### 2.1 Excerpt from ECE regulation 122 (heating system) paragraph 5 for the installation of the heater

Beginning of excerpt.

#### ANNEX VII

### REQUIREMENTS FOR COMBUSTION HEATERS AND THEIR INSTALLATION

### 1. GENERAL REQUIREMENTS

1.7.1. A clearly visible tell-tale in the operator's field of view shall inform when the combustion heater is switched on or off.

### VEHICLE INSTALLATION REQUIREMENTS

### 2.1. Scope

2.

- 2.1.1. Subject to paragraph 2.1.2. combustion heaters shall be installed according to the requirements of this Annex.
- 2.1.2. Vehicles of category O having liquid fuel heaters are deemed to comply with the requirements of this Annex.

### 2.2. Positioning of heater

- 2.2.1. Body sections and any other components in the vicinity of the heater must be protected from excessive heat and the possibility of fuel or oil contamination.
- 2.2.2. The combustion heater shall not constitute a risk of fire, even in the case of overheating. This requirement shall be deemed to be fulfilled if the installation ensures an adequate distance to all parts and suitable ventilation, by the use of fire resistant materials or by the use of heat shields.
- 2.2.3. In the case of M2 and M3 vehicles, the heater must not be positioned in the passenger compartment. However, an installation in an effectively sealed envelope which also complies with the conditions in paragraph 2.2.2 may be used.
- 2.2.4. The label referred to in paragraph 1.4 or a duplicate, must be positioned so that it can be easily read when the heater is installed in the vehicle.
- 2.2.5. Every reasonable precaution should be taken in positioning the heater to minimise the risk of injury and damage to personal property.

#### 2.3. Fuel supply

- 2.3.1. The fuel filler must not be situated in the passenger compartment and must be provided with an effective cap to prevent fuel spillage.
- 2.3.2. In the case of liquid fuel heaters, where a supply separate to that of the vehicle is provided, the type of fuel and its filler point must be clearly labelled
- 2.3.3. A notice, indicating that the heater must be shut down before refuelling, must be affixed to the fuelling point. In addition a suitable instruction must be included in the manufacturer's operating manual.

#### 2.4. Exhaust system

2.4.1. The exhaust outlet must be located so as to prevent emissions from entering the vehicle through ventilators, heated air inlets or opening win-

#### 2.5. Combustion air inlet

- 2.5.1. The air for the combustion chamber of the heater must not be drawn from the passenger compartment of the vehicle.
- 2.5.2. The air inlet must be so positioned or guarded that blocking by rubbish or luggage is unlikely.

#### 2.6. Heating air inlet

- 2.6.1. The heating air supply may be fresh or recirculated air and must be drawn from a clean area not likely to be contaminated by exhaust fumes emitted either by the propulsion engine, the combustion heater or any other vehicle source.
- 2.6.2. The inlet duct must be protected by mesh or other suitable means.

#### 2.7. Heating air outlet

- 2.7.1. Any ducting used to route the hot air through the vehicle must be so positioned or protected that no injury or damage could be caused if it were to be touched.
- 2.7.2. The air outlet must be so positioned or guarded that blocking by rubbish or luggage is unlikely.

### End of excerpt.

In multilingual versions the German language is binding.

### Peugeot 3008

## Information on Validity

This installation documentation applies to Peugeot 3008 1.6 Diesel vehicles - for validity see page 1 - from model year 2014 and later, 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 this "installation documentation".

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

## **Technical Information**

### **Special Tools**

- · Hose clamp pliers for self-clamping hose clamps
- · Hose clamp pliers for Clic hose clamps of type W
- Automatic wire stripper 0.2 6mm<sup>2</sup>
- Crimping pliers for cable lug / tab connector 0.5 6mm<sup>2</sup>
- Torque wrench for 2.0 10 Nm
- Hose clamping pliers
- Metric thread-setter kit
- Deep-hole marker
- Webasto Thermo Test Diagnosis with current software
- Bleeding device K-01102 from PSA or Facon 935A or SNA DRZ 2000

### Dimensions

• All dimensions are in mm.

### **Tightening torque values**

- Tightening torque values of 5x13 heater bolts and 5x11 heater stud bolts = 8Nm.
- Tightening torque values of 5x15 retaining plate of water connection piece bolts = 7Nm.
- Tighten other bolt connections in accordance with manufacturer's instructions or in accordance with state-of-theart-technology.

## **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.



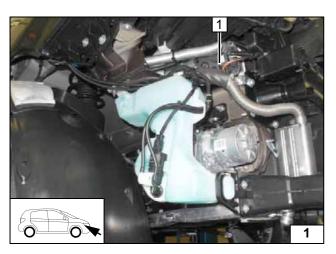
## **Preliminary Work**

### Vehicle

- Open the fuel tank cap.
- Ventilate the fuel tank.
- Close the fuel tank cap again.
- Depressurise the cooling system.
- Disconnect the battery and remove it completely along with the carrier.
- Remove the underride protection (if present).
- Remove the front right and left wheel well trim.
- Remove the bumper trim.
- Remove the right headlight.
- Remove the washer reservoir.
- Detach the front section of the individual rear seat on the right (2x screwed), fold up the seat and secure, remove the tank-fitting service lid.
- Remove the fuel tank sending unit in accordance with manufacturer's instructions.
- Remove the lower instrument panel trim on the driver's side.
- Remove the cover of the upper footwell trim on the driver's side.
- Remove the lateral trim of the instrument panel on the driver's side.
- Remove the lateral trim on the left of the central tunnel.

### Heater

- Remove years that do not apply from the type and duplicate label.
- Attach the duplicate label (type label) in the appropriate place in the engine compartment.

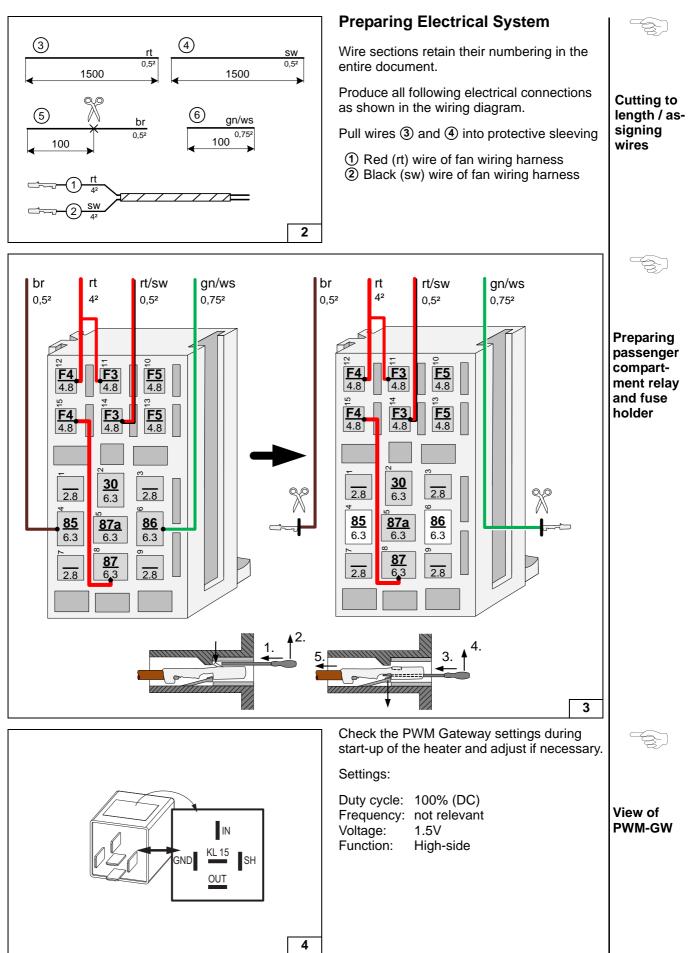


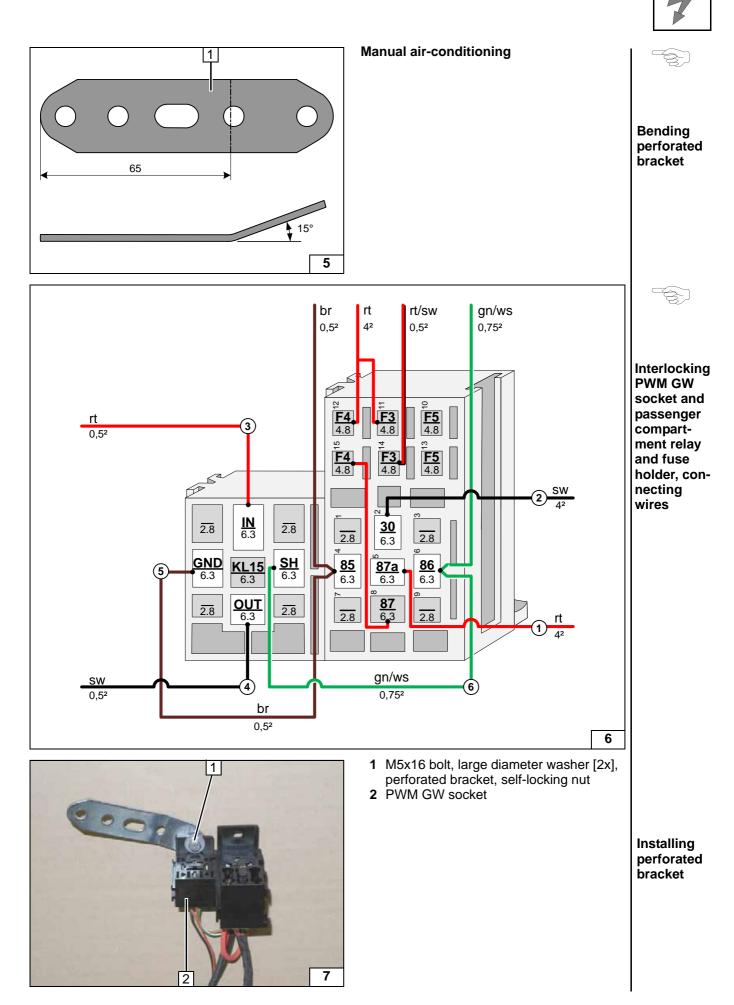
## **Heater Installation Location**

1 Heater

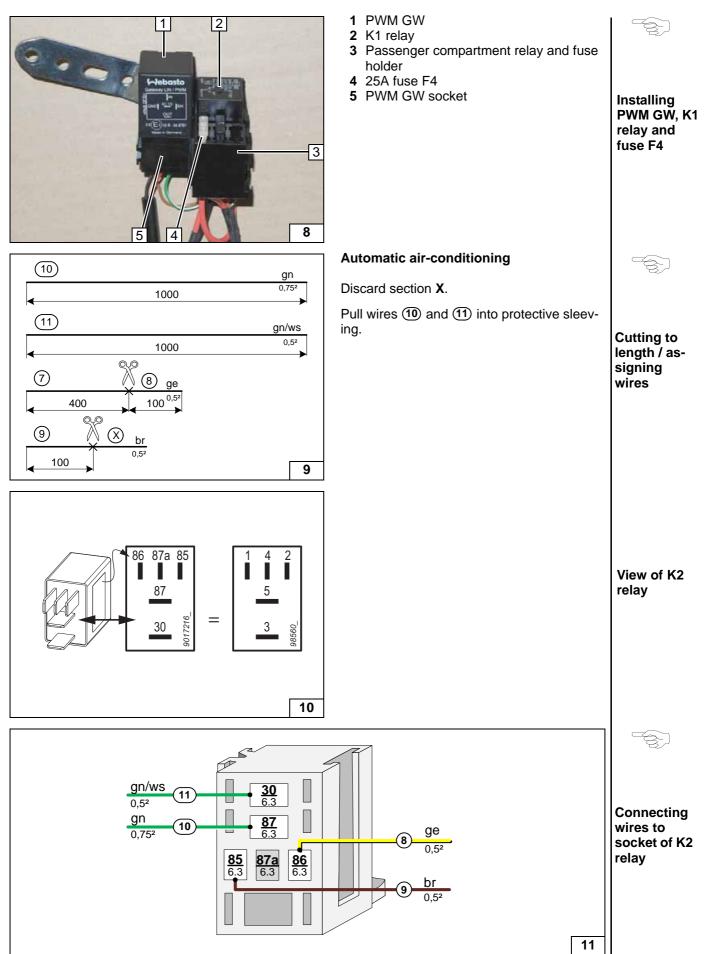
Installation location



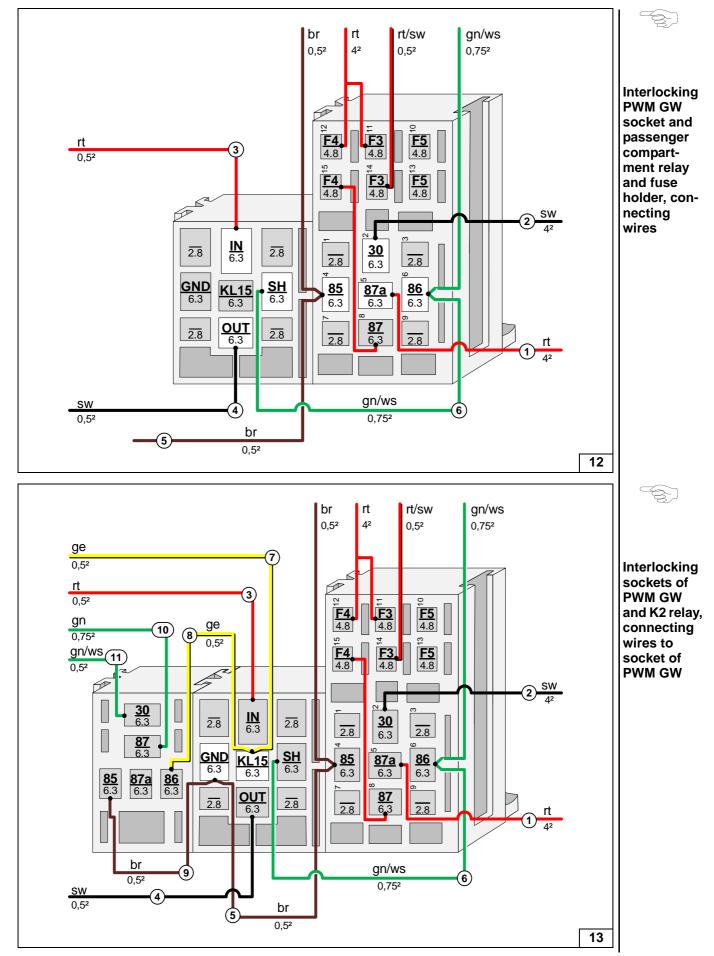














## **Electrical System**

### Positive wire

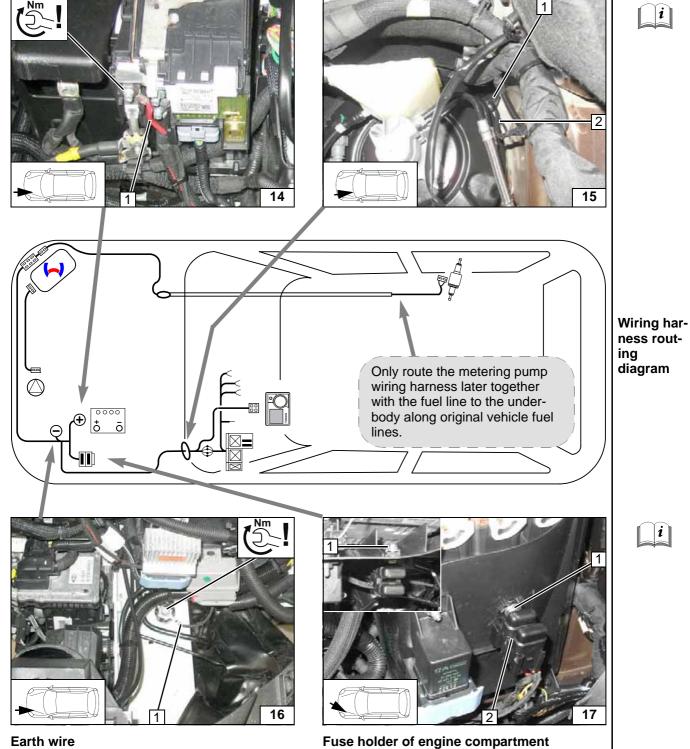
1 Positive wire on positive battery distributor

### Wiring harness pass through

- 1 Existing protective rubber plug
- 2 Wiring harness of heater and heater control







- 1 5.5mm dia. hole; M5x16 bolt, large diameter washer [2x], retaining plate of fuse holder, flanged nut
  - 2 Fuses F1-2

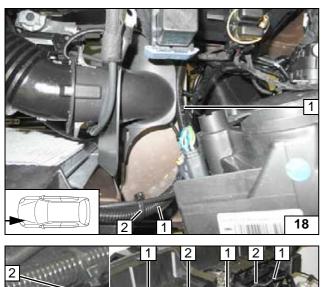
point

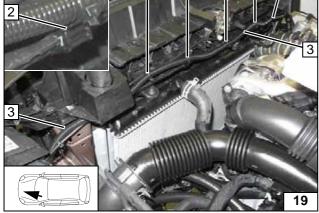
1 Earth wire on original vehicle earth support



Routing wiring har-

ness





## Wiring Harness Routing

- 1 Wiring harness of heater in 10 mm dia. corrugated tube
- 2 Cable tie

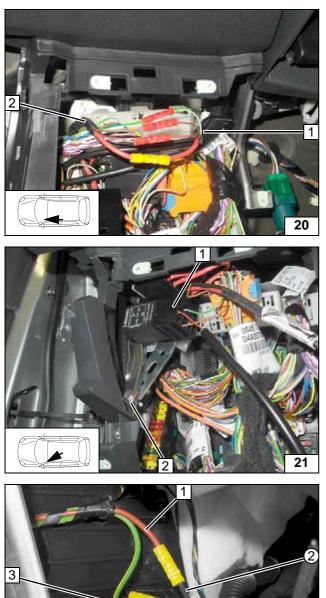
- 1 Cable tie [3x]
- **2** Fastening clip with cable tie [2x]
- **3** Wiring harness of heater in 10 mm dia. corrugated tube

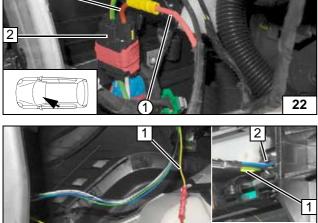
Routing wiring harness



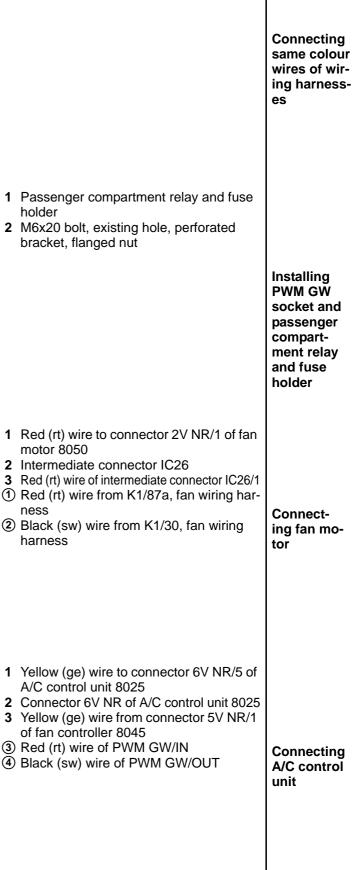
#### Webasto Peugeot *i* ] 30 15 HG PSF1 ∲ ∏F2 ∯F1 Fx Wiring dia-X2 $\forall$ 1 $\forall$ 2 2 $\forall$ 5 $\forall$ X1 $\square$ gram R7 ge 0.5<sup>2</sup> 2 2 2V NR gn/ws 0,752 rt 42 rt/sw 0.52 br IC26 0,5 rt/sw gn/ws 0,75<sup>2</sup> rt 42 rt 0.5 4 <u>\* \* \*</u> X10 F3 F4 (M) 8050 2V NR 1 rt (6 (1)12 86 **4**87 **4**87 a gn/ws sw I 0.752 4 K1 5V NR . 4 4 3 4 5 4 1 85 \$30 br br (2)rt 0,5 0,52 8045 (5) SH ge 0,5 PWM OUT sw 4 GW 0,5² IN rt (3 ſ 0,52 ge <sup>↓</sup>KL15 GND 0,5<sup>2</sup> br 5 6V NR 0.5 Ð 8025 31 Webasto components Vehicle components Colours and symbols PSF1 HG TT-Evo heater Operating PCB of engine rt red compartment fuse box X1 6-pin heater connector sw black X2 2-pin heater connector Fuse yellow Fx ge F1 20A fuse R7 Fan relay green gn Legend F2 30A fuse 2V NR 2-pin connector PSF1 ws white X10 4-pin connector of IC26 Intermediate plug connection br brown heater control 8050 Fan motor F3 2V NR 2-pin connector 8050 1A fuse F4 25A fuse 8045 Fan controller K1 Fan relay 5V NR 5-pin connector 8045 PWM Pulse width modulator 8025 A/C control unit GW 6V NR 6-pin connector 8025 **PWM GW settings:** Duty cycle: 100% (DC) Х Frequency: not relevant Cutting point Voltage: 1.5V Wiring colours may vary. Function: High-side

## Fan Controller for Manual Air-Conditioning





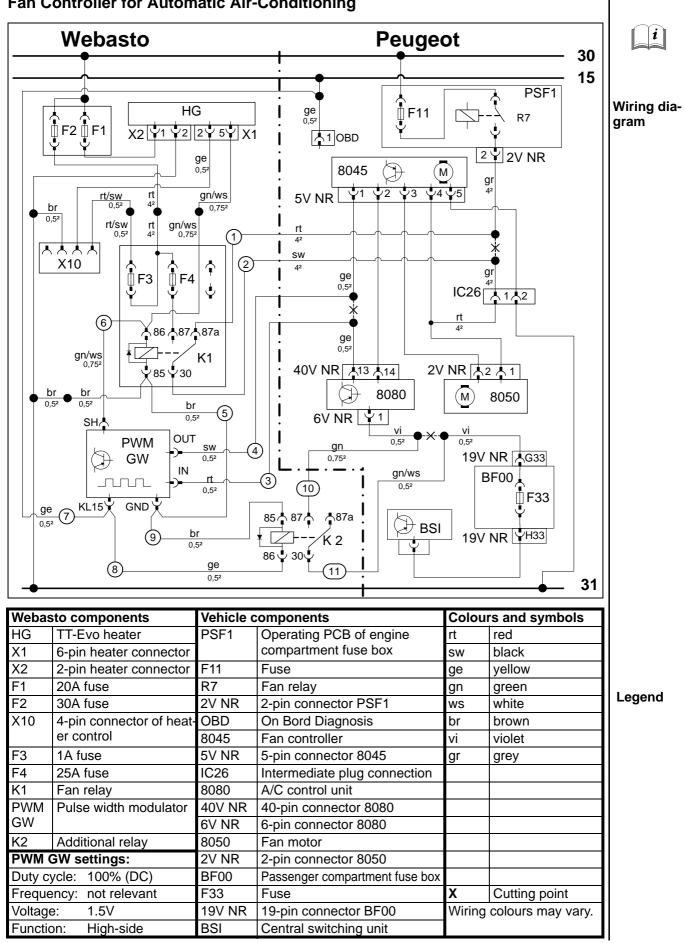
- Wiring harness of heater
   Wiring harness of passence
- 2 Wiring harness of passenger compartment relay and fuse holder





3





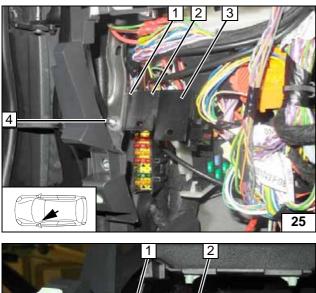


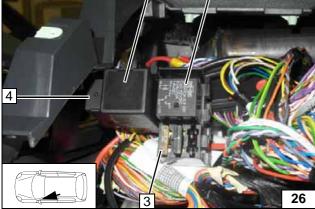
1	Wiring	harness	of	heater
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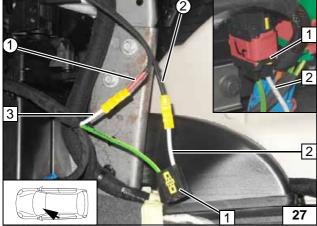
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2 Wiring harness of passenger compartment relay and fuse holder

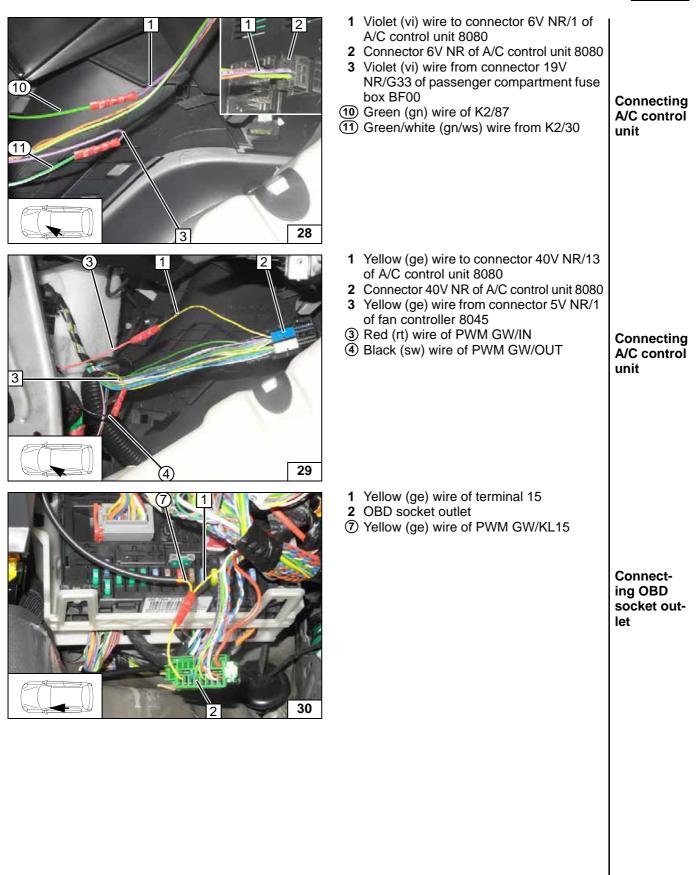
ment relay and fuse holder	Connecting same colour wires of wir- ing harness- es
<ol> <li>K2 relay socket (hidden)</li> <li>PWM GW socket</li> <li>Passenger compartment relay and fuse holder</li> <li>M5x16 bolt, large diameter washer, exist- ing hole, large diameter washer, flanged nut</li> </ol>	Installing socket of K2 relay and PWM GW as well as pas- senger com- partment relay and fuse holder
1 PWM GW 2 K1 relay 3 25A fuse F4 4 K2 relay	Installing K1 and K2 relay, PWM GW as well as fuse F4
<ol> <li>Intermediate connector IC26</li> <li>Grey (gr) wire to intermediate connector IC26/1</li> <li>Grey (gr) wire from connector 2V NR/2 for operating PCB of engine compart- ment fuse box PSF1</li> <li>Red (rt) wire from K1/87a, fan wiring har- ness</li> <li>Black (sw) wire from K1/30, fan wiring harness</li> </ol>	Connect- ing fan mo- tor



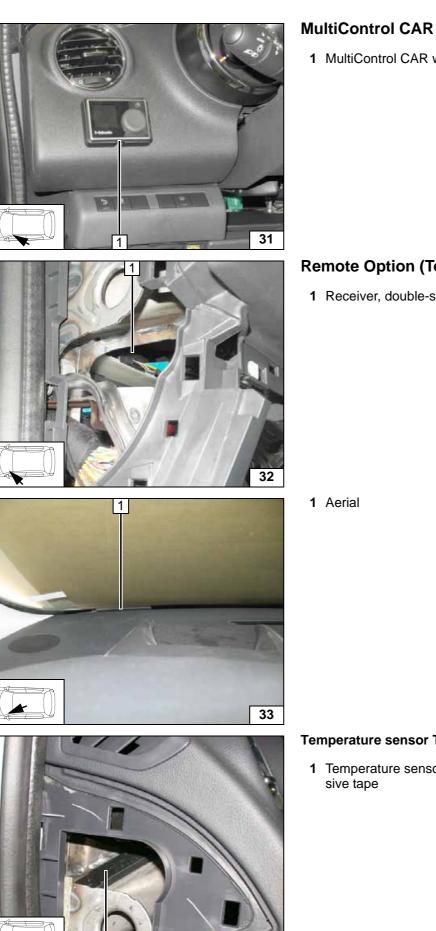












1 MultiControl CAR with installation frame



Installing Mul-tiControl CAR

## **Remote Option (Telestart)**

1 Receiver, double-sided adhesive tape



Installing receiver

Securing aerial

### Temperature sensor T100 HTM

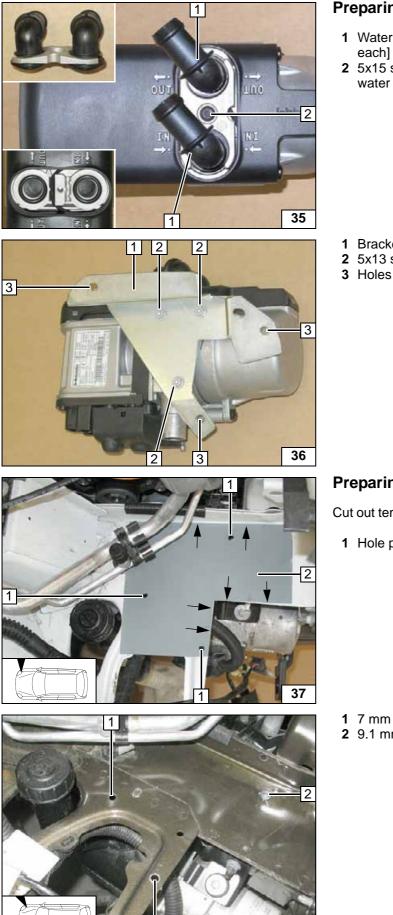
1 Temperature sensor, double-sided adhe-

Mounting temperature sensor

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i



## **Preparing Heater**

- 1 Water connection piece, sealing ring [2x
- 2 5x15 self-tapping bolt, retaining plate of water connection piece

Installing water connection piece

- 1 Bracket
- **2** 5x13 self-tapping bolt [3x]
- **3** Holes for mounting heater [3x]

Mounting bracket

## **Preparing Installation Location**

Cut out template 2 and place at the markings.

1 Hole pattern [3x]

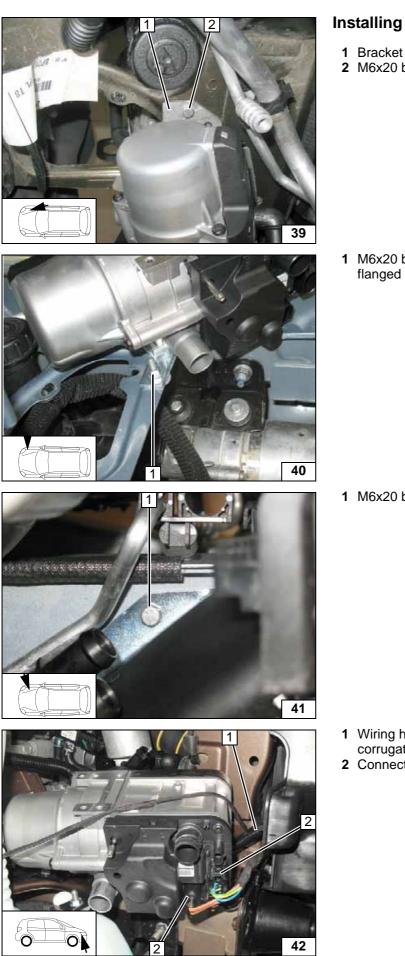
1 7 mm dia. hole [2x]

2 9.1 mm dia. hole; rivet nut

Copying hole pattern

Installing rivet nut





## **Installing Heater**

- Bracket of heater
   M6x20 bolt, flanged nut

20 bolt, flanged nut	Mounting heater
20 bolt, large diameter washer, ged nut	Mounting heater
20 bolt, spring lockwasher	Mounting heater
ng harness of heater in 10mm dia. ugated tube nector of heater wiring harness [2x]	Routing / connect- ing wiring harness

### Fuel

### **CAUTION!**

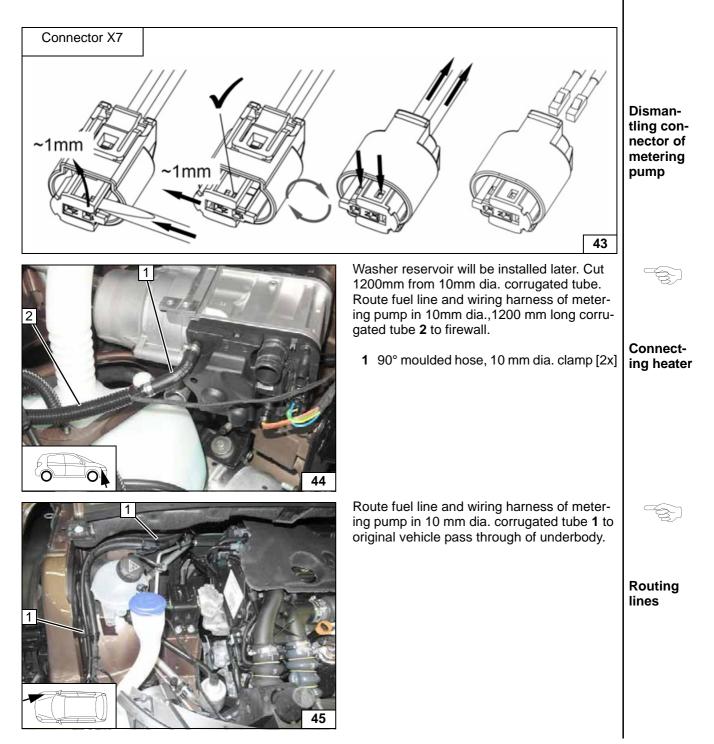
Open the vehicle's fuel tank cap, ventilate the tank and then re-close the tank lock.

Catch any fuel running off in an appropriate container.

Route fuel line and metering pump wiring harness so that they are protected against stone impact. Unless specified otherwise, always fasten using cable ties. Provide rub protection for fuel line and wiring harness in areas where there are sharp edges.

### WARNING!

The fuel line and wiring harness are routed to the metering pump as shown in the wiring harness routing diagram.

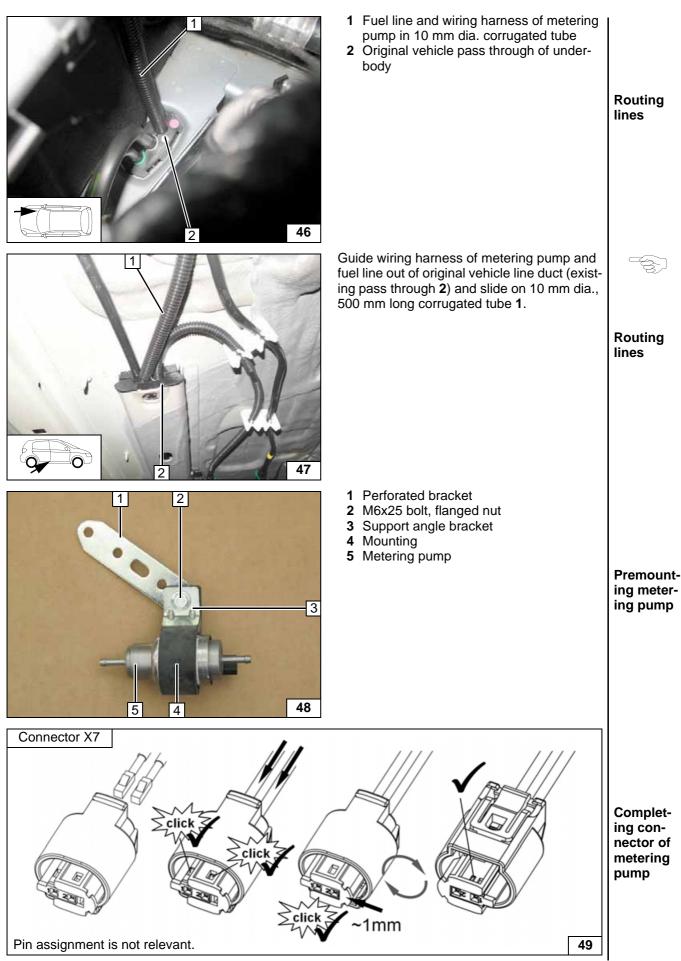




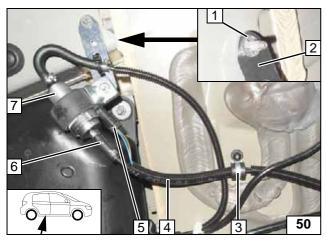


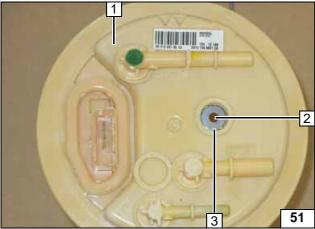












- 1 Pin lock
- 2 Premounted perforated bracket
- 3 Original vehicle stud bolt, 15 mm dia. rubber-coated p-clamp, plastic nut
- 4 Fuel line and wiring harness of metering pump in 10 mm dia. corrugated tube
- 5 Wiring harness of metering pump, connector mounted
- 6 Hose section, 10mm dia. clamp [2x], fuel line of heater
- 7 Metering pump

Connection of standpipe fuel line takes place later!

### Version A

Remove fuel tank sending unit 1 according to manufacturer's instructions. Insert washer with outer dia.  $d_a = 18 \text{ mm } 3$  into recess.

2 Copy hole pattern, 6mm dia. hole



Mounting

metering

pump



Bend fuel standpipe 1 according to template and cut to length.

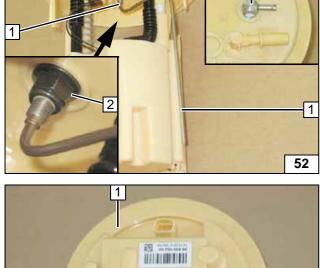
2 Flanged nut

Mounting fuel standpipe

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Fuel extraction

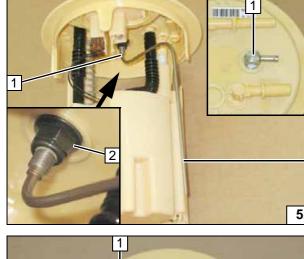


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Version B

Remove fuel tank sending unit 1 according to manufacturer's instructions. Place washer with outer dia.  $d_a = 18 \text{ mm } 3$  as shown.

2 Copy hole pattern, 6mm dia. hole



2



Bend fuel standpipe 1 according to template



Mounting fuel standpipe



Connecting fuel line

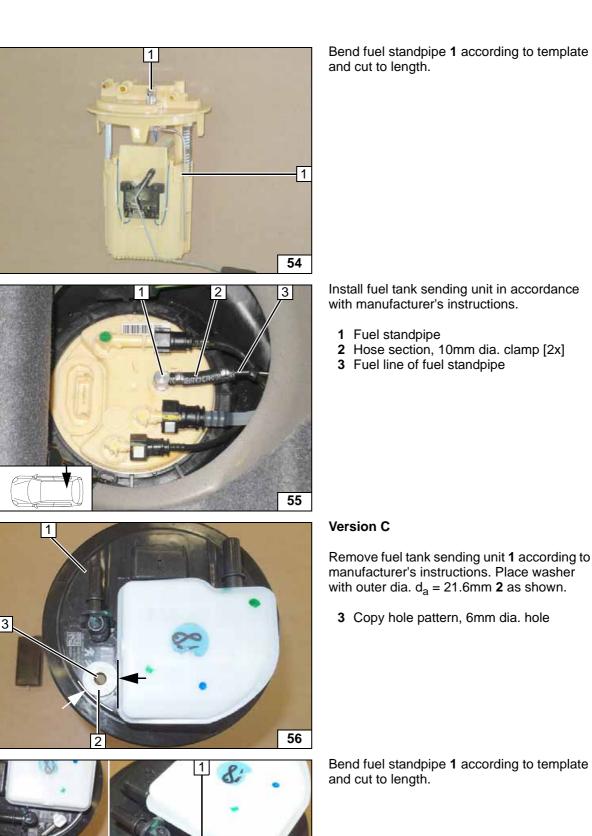


Fuel extraction

Bend fuel standpipe 1 according to template



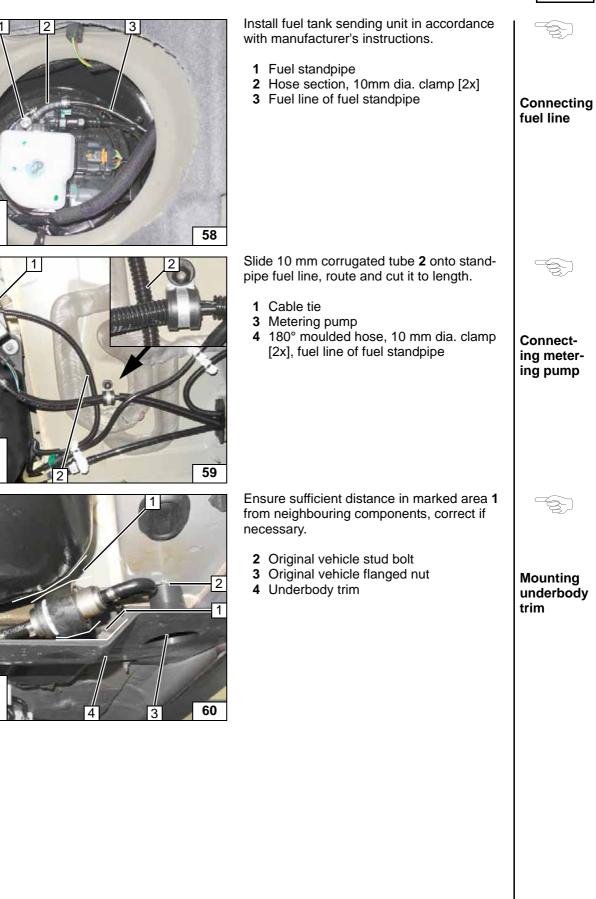
Mounting fuel standpipe



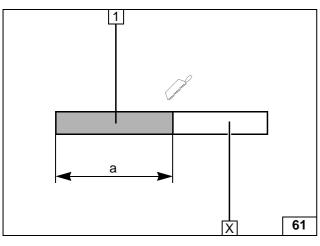
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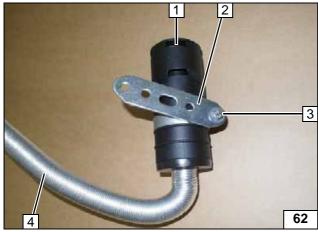
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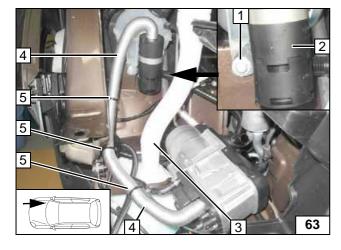




Ident. No.: 1323018C\_EN







**Combustion Air** 

Discard section X.

1 Combustion air pipe a = 620



Premounting silencer

1 Silencer

- 2 Perforated bracket
- 3 M5x16 bolt, 51 mm dia. p-clamp, flanged nut
- 4 Combustion air pipe

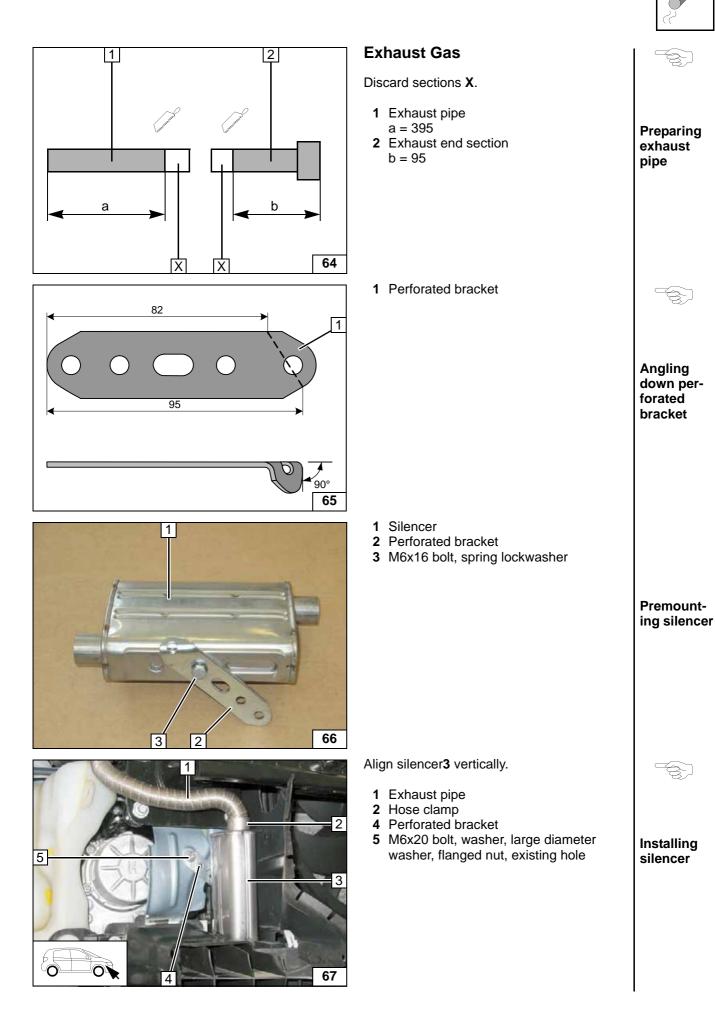
Install washer reservoir3.

- Original vehicle bolt
   Silencer
- 4 Combustion air pipe5 Cable tie [3x]

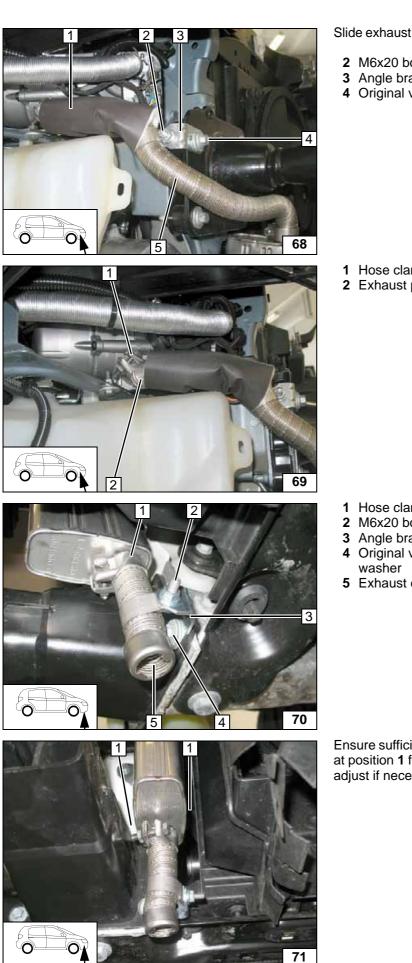


Installing silencer and combustion air pipe







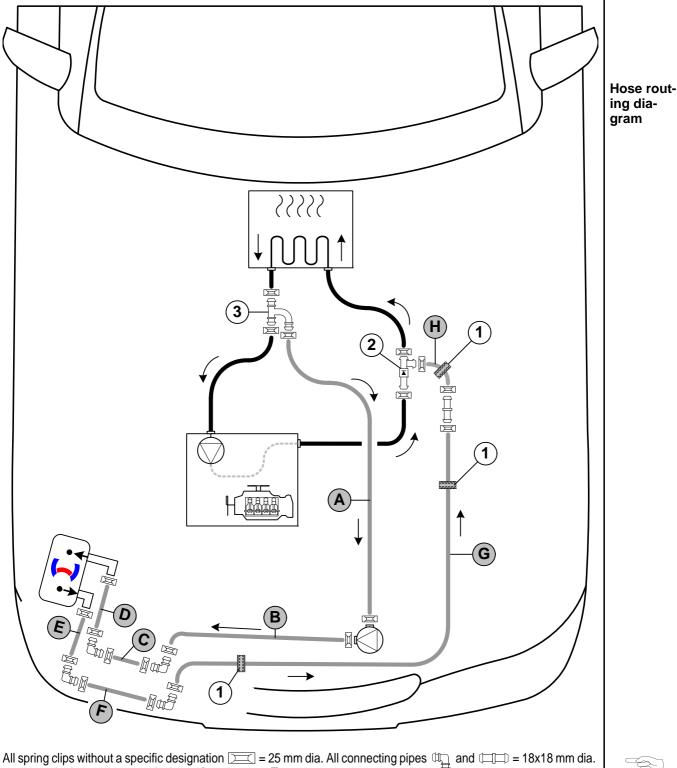


lid	e exhaust insulation <b>1</b> onto exhaust pipe <b>5</b> .	
3	M6x20 bolt, p-clamp, flanged nut Angle bracket Original vehicle bolt	Mounting exhaust pipe
1 2	Hose clamp Exhaust pipe	Mounting exhaust
2 3 4	Hose clamp M6x20 bolt, p-clamp, flanged nut Angle bracket Original vehicle bolt, large diameter washer Exhaust end section	pipe Installing exhaust end section
p	sure sufficient distance of exhaust silencer osition <b>1</b> from neighbouring components, ust if necessary.	
		Aligning si- lencer and exhaust end section

## **Coolant Circuit**

### WARNING!

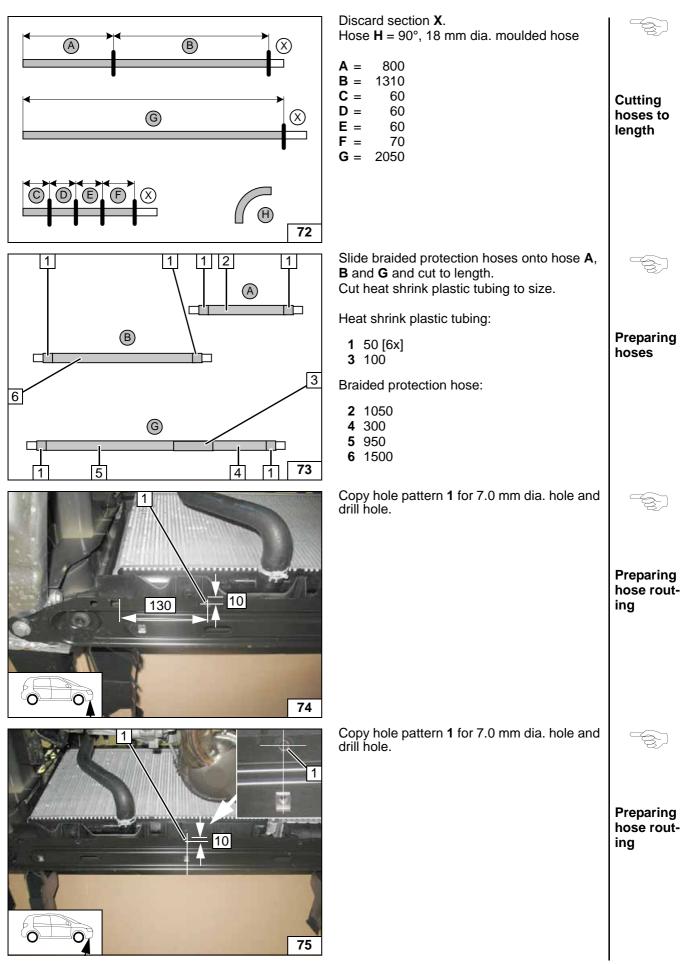
Any coolant running off should be collected using an appropriate container. Route hoses so that they are kink-free. Unless specified otherwise, always fasten using cable ties. Position clamps so that no other hose can be damaged. The heater must be filled with coolant when installing the hoses. The connection should be modelled on an "island" circuit and based on the following diagram:



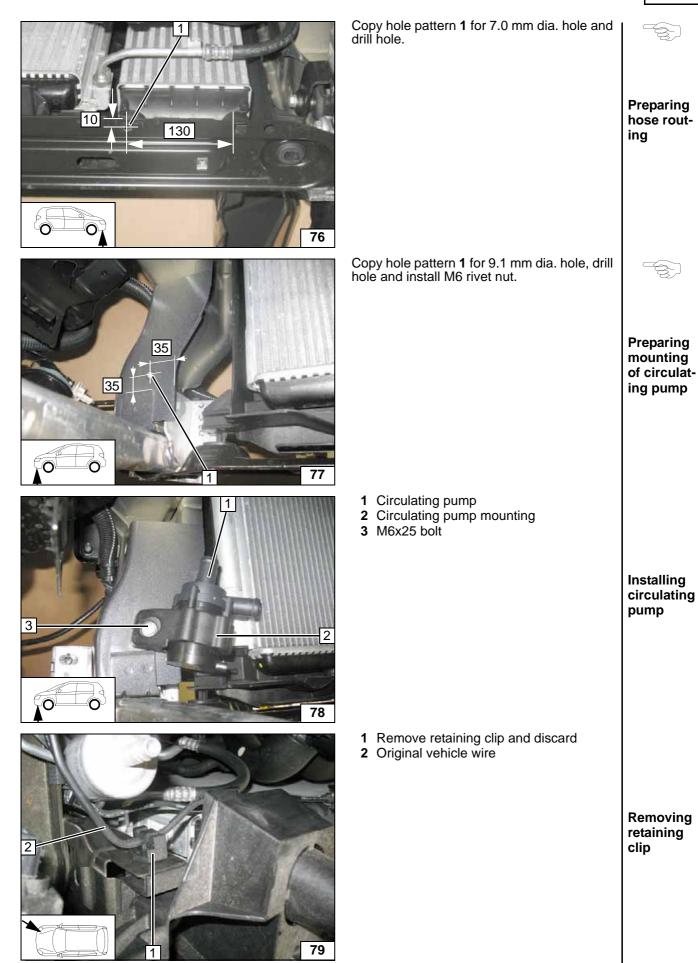
**1** = Black (sw) rubber isolator [3x]. **2** = Check valve  $\square$ 3 = T-piece



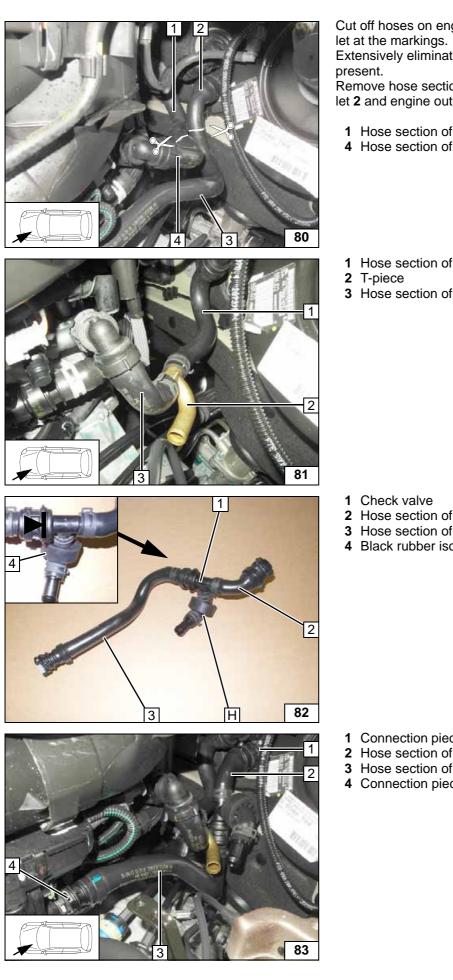






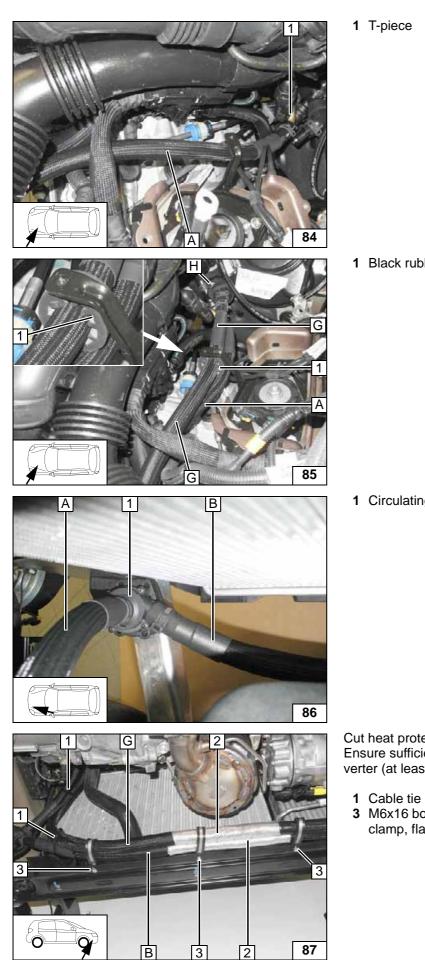






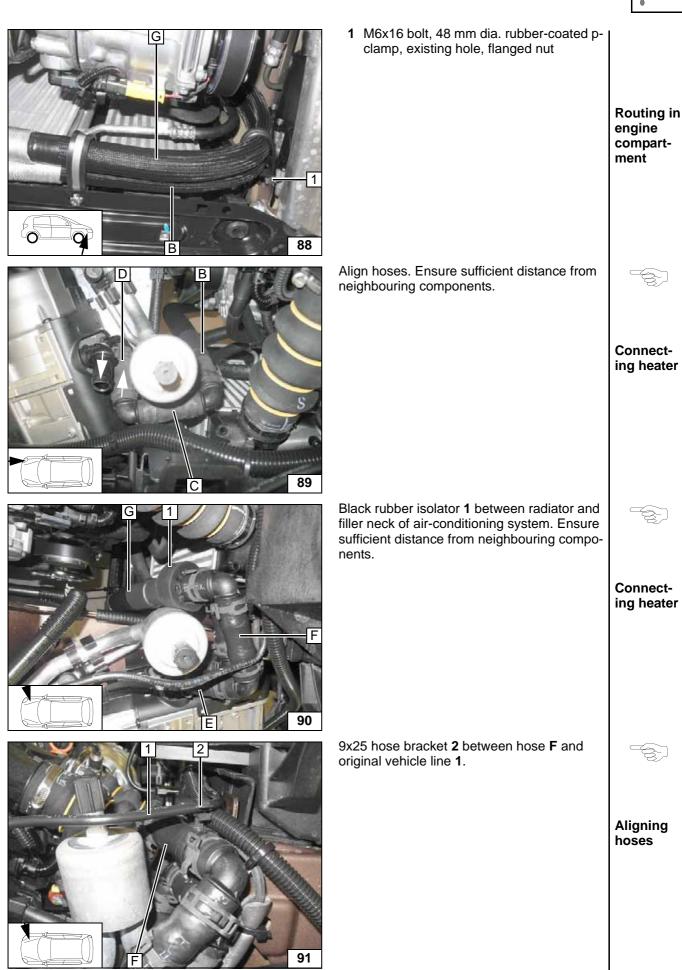
off hoses on engine outlet and engine in- t the markings. nsively eliminate the sheathing if	
ent. love hose sections of heat exchanger in- and engine outlet <b>3</b> .	Cutting point
Hose section of heat exchanger outlet Hose section of engine inlet	point
Hose section of heat exchanger outlet T-piece Hose section of engine inlet	Installing T-
	piece
Check valve Hose section of heat exchanger inlet Hose section of engine outlet Black rubber isolator	Installing
	hose group of check valve
Connection piece of heat exchanger inlet Hose section of heat exchanger inlet Hose section of engine outlet Connection piece of engine outlet	la de ll'a a
	Installing hose group



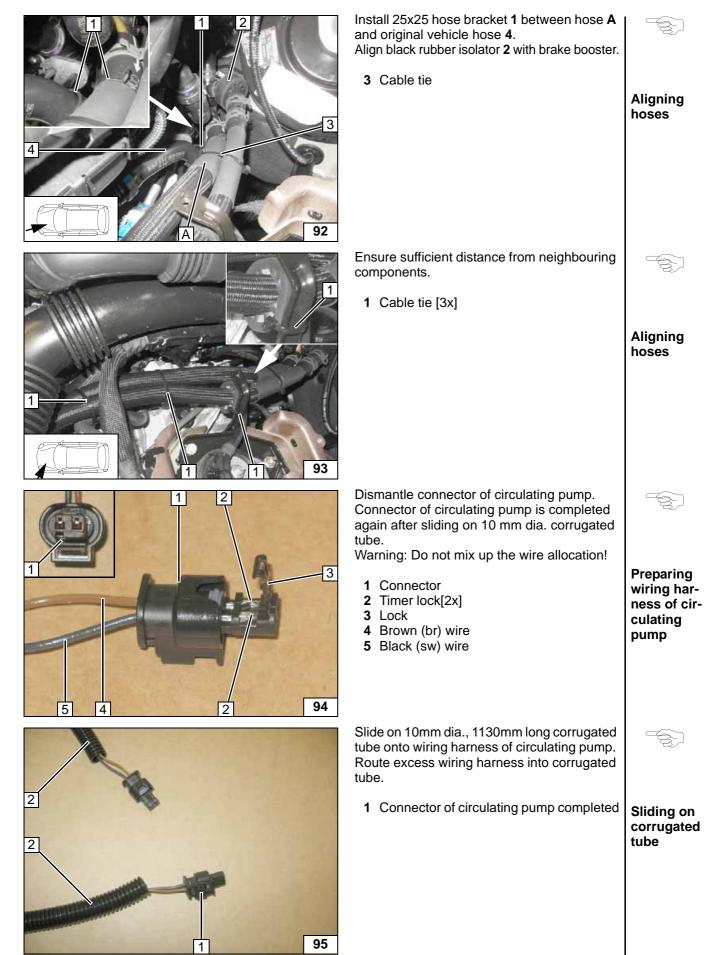


Hose rout- ing
Hose rout-
ing
Connect- ing circu- lating pump
Routing in engine compart- ment

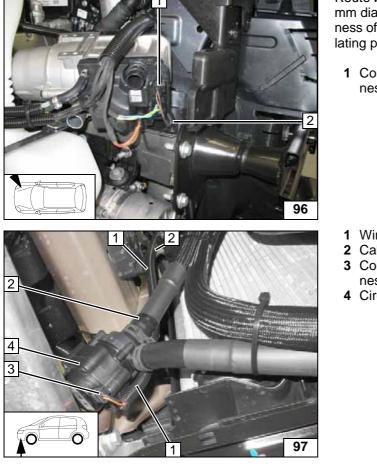






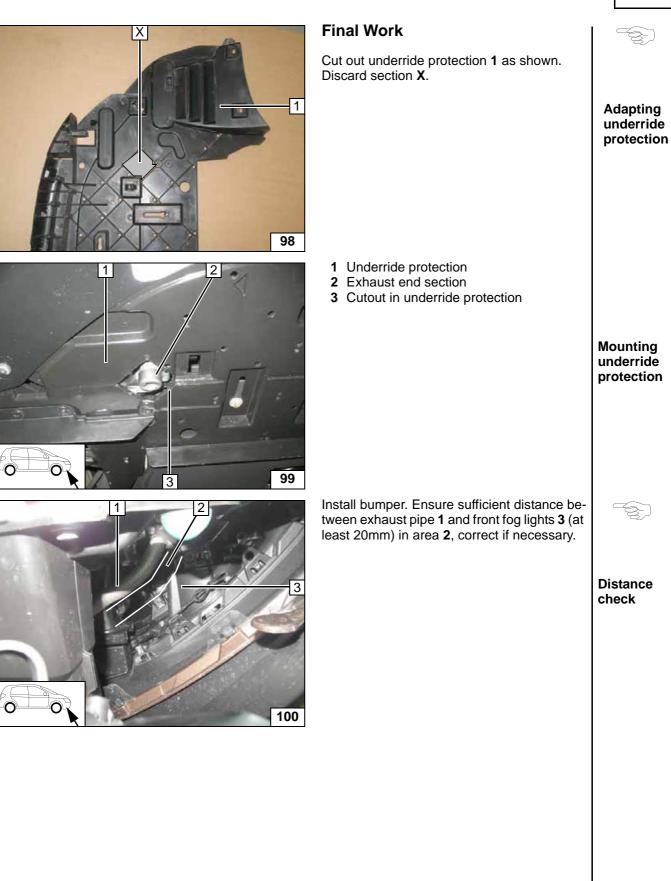






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Route wiring harness of circulating pump in 6 mm dia. corrugated tube <b>2</b> along wiring harness of heater to installation location of circulating pump.	
1 Connector of circulating pump wiring har- ness	Connect- ing wiring harness
<ol> <li>Wiring harness of circulating pump</li> <li>Cable tie [2x]</li> <li>Connector of circulating pump wiring harness</li> <li>Circulating pump</li> </ol>	Connect- ing wiring harness







## WARNING!

Mount removed parts in reverse order. Check all hoses, clamps and all electrical connections for firm seating. Insulate all loose wires and tie back.

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 instructions.
- Program MultiControl CAR, teach Telestart transmitter.
- Make settings on A/C control panel according to the "Operating Instructions for End Customer".
- Place caution label "Switch off parking heater before refuelling" in the area of the filler neck.
- For initial startup and function check, please see installation instructions.



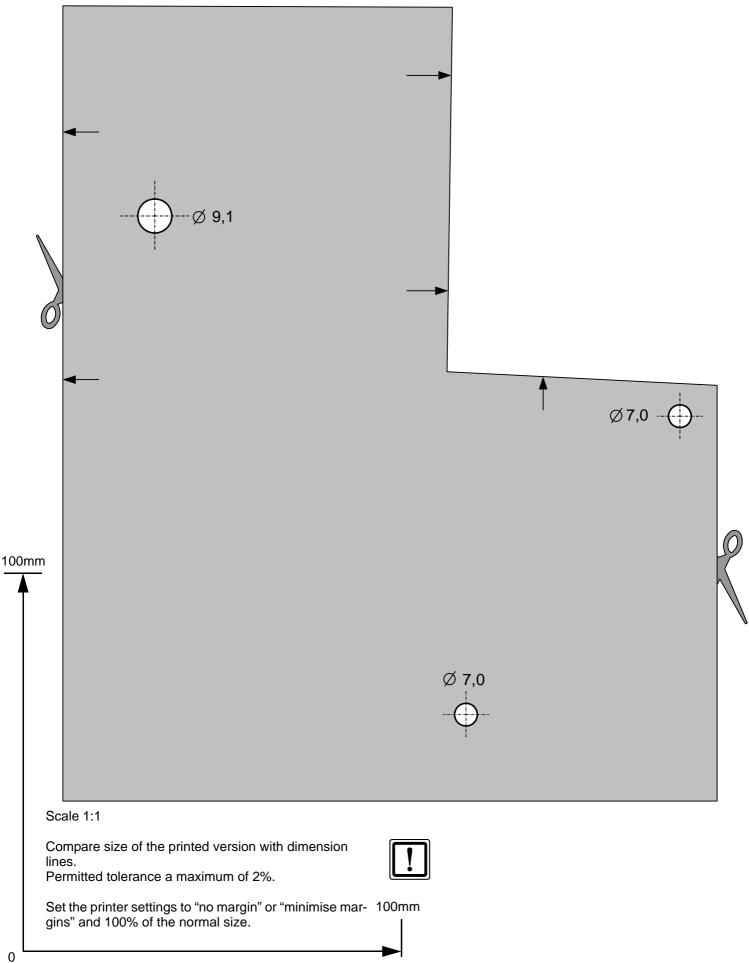


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Webasto Thermo & Comfort SE Postfach 1410 82199 Gilching Germany Internet: www.webasto.com Technical Extranet: http://dealers.webasto.com



## **Template for Bracket Hole Pattern**

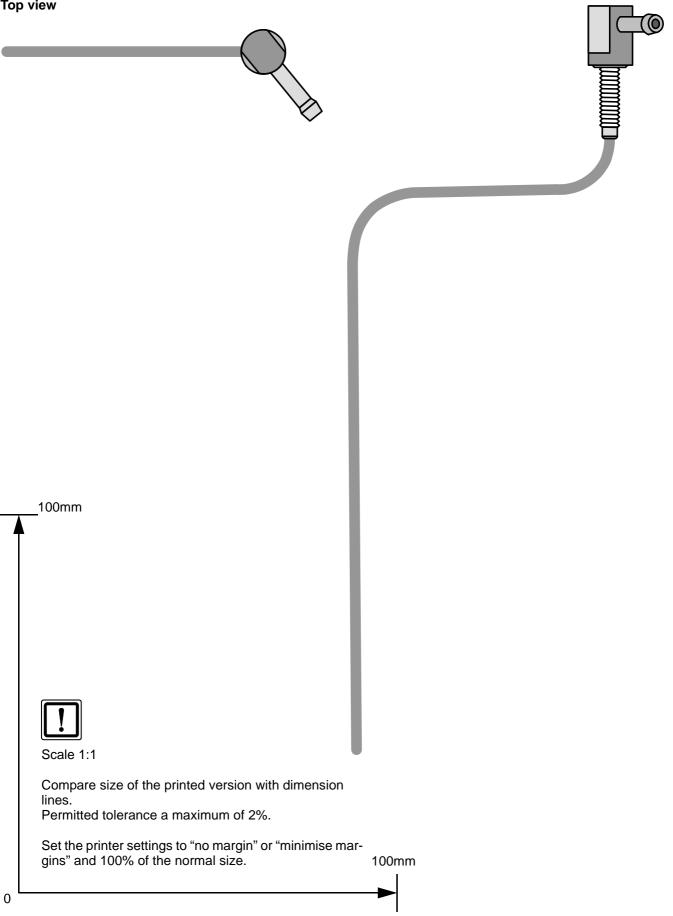


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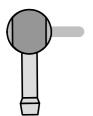
## Template of Fuel Standpipe for Versions A and B

Top view

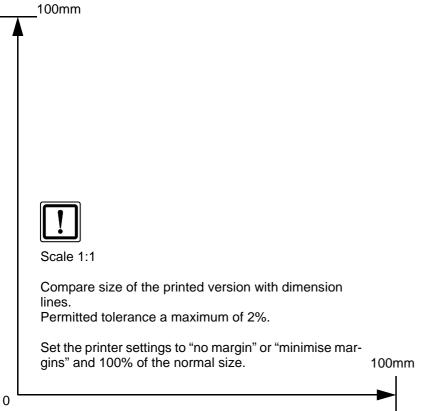


## Template of Fuel Standpipe for Version C

Top view









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## **Operating Instructions for Manual Air-Conditioning**

Please remove page and add to the vehicle operating instructions.

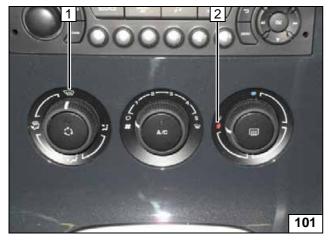
Note:

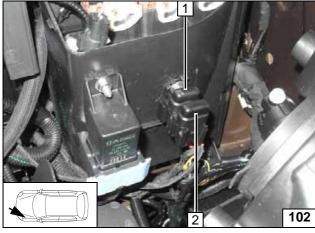
We recommend matching the heating time to the driving time. Heating time = driving time **Example:** For a driving time of approx. 20 min. (in one direction), we recommend not exceeding a switch-on time of 20 min.

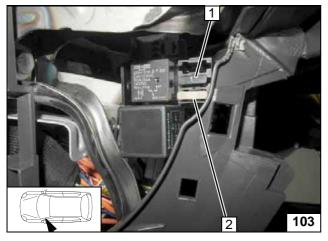
Passenger compartment monitoring, if installed, must be deactivated in addition to the vehicle settings for the heating operation.

For instructions on deactivation, please refer to the operating instructions of the vehicle.

Before parking the vehicle, make the following settings:







The fan speed does not need to be preset.

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



- 1 30A main fuse F2 of passenger compartment
- 2 20A heater fuse F1

Engine compartment fuses

- 1 1A heater control fuse F3
- **2** 25A fan fuse F4

Passenger compartment fuses



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## **Operating Instructions for Automatic Air-Conditioning**

Please remove page and add to the vehicle operating instructions.

Note:

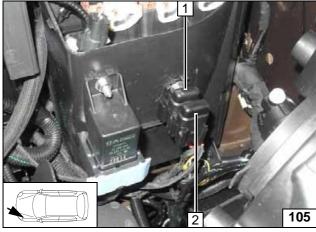
We recommend matching the heating time to the driving time. Heating time = driving time Example: For a driving time of approx. 20 min. (in one direction), we recommend not exceeding a switch-on time of 20 min.

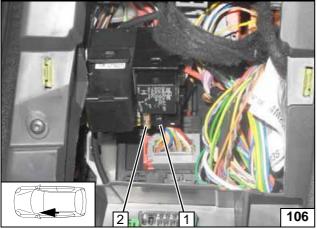
Passenger compartment monitoring, if installed, must be deactivated in addition to the vehicle settings for the heating operation.

For instructions on deactivation, please refer to the operating instructions of the vehicle.

Before parking the vehicle, make the following settings:







tings:			
34	The	e fan speed does not need to be preset.	
		Air outlet faces upward Set temperature on both sides to "HI"	
04			A/C control panel
		30A main fuse F2 of passenger compart- ment	
05		20A heater fuse F1	Engine com- partment fus- es
-		1A heater control fuse F3 25A fan fuse F4	
06			Passenger compartment fuses