Water Heater Unit



Thermo Top E Additional Heater 00 0003

Thermo Top C Additional Heater 00 0002

Thermo Top P Additional Heater 00 0104

Installation Instructions

Citroen C4 Picasso

Gasoline and Diesel from Model Year 2006 Left-hand drive vehicle



WARNING!

Hazard warning:

Incorrect installation or repair of Webasto heating systems may cause a fire or result in the emission of carbon monoxide, which can be fatal. Serious or fatal injuries can be caused as a result.

Specialist company training, technical documentation, specialized tools and equipment are required to install and repair Webasto heating and cooling systems.

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.

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

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Validity

Manufacturer	Model	Туре	EG-BE No./ABE
Citroen	C4 Picasso	U	e2 * 2001 / 116 * 0345

Engine type	Engine model	Output in kW	Displacement in cm ³
6FY	Gasoline	92	1749
9 Hz	Diesel	80	1560
RHJ	Diesel	100	1997

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

The installation location of a digital timer and summer/winter switch should be confirmed with the end customer before installation.

Heater Unit/Installation Kit

Quantity	Description	Order No.:				
1	Retail accessories with desired heater control	See price list				
1	Installation kit for Citroen C4 Picasso Gasoline	1311819B				
	or					
1	Installation kit for Citroen C4 Picasso Diesel	1311846B				

Heater unit recommended for the respective vehicle class:

Vehicle	Heater unit
Compact car	Thermo Top E
Mid-size car, station wagon	Thermo Top C
Full-size car, van, offroader	Thermo Top P

The selection of the heater unit is based on the passenger compartment size of the vehicle and the level of comfort required by the customer!



Foreword

These installation instructions apply to Citroen C4 Picasso Gasoline and Diesel vehicles - for validity, see page 2 - from model year 2006 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 these installation instructions.

However, the stipulations in the "installation instructions" and "operating and maintenance instructions" for the *Thermo Top C/P/E* 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.

Sharp edges should be fitted with edge protectors (split-open plastic hose).

Spray unfinished body areas, e.g. drilled holes, with anti-corrosion wax (Tectyl 100K, Order No. 111329).

Special Tools

- Torque wrench for 2.0 10 Nm
- Hose clamping pliers

Explanatory Notes on Document

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

Mechanical system



Electrical system



Water



Fuel



Exhaust gas



Combustion air



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.



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!

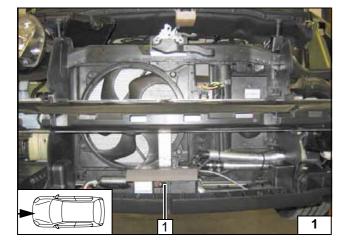
Tightening torque of Ejot screws, Ejot studs = 10 Nm!

Preliminary Work

WARNING!

- Disconnect the battery "earth" or "ground" connection.
- Depressurize 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.
- Open the fuel tank cap, ventilate the tank.
- Close the tank cap again.
- Remove the engine cover (depending on the vehicle equipment, if installed)
- Remove the air cleaner box with the intake hose and resonator (depending on the vehicle equipment, if installed)
- Completely remove the battery and the battery carrier.
- Remove the exhaust system (only on gasoline vehicles)
- Remove the tank according to the manufacturer's specifications (only on gasoline vehicles)
- Detach the wheel well trim on the right and left.
- Remove the bumper.
- Remove the underride protection
- Remove the lower instrument panel trim on the driver's and front passenger side
- Remove the glove compartment

Remove page 31 "Operating Instructions for End Customer" and add to the vehicle operating instructions.



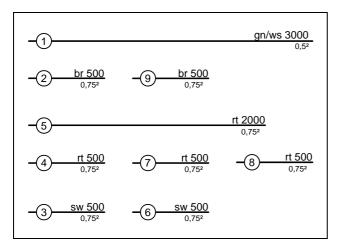
Heater unit installation location

1 Heater unit

Installation location

!

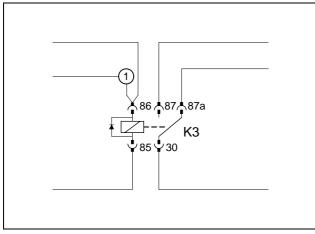




Preparing electrical system

Wires 6 to 9 only with automatic airconditioning

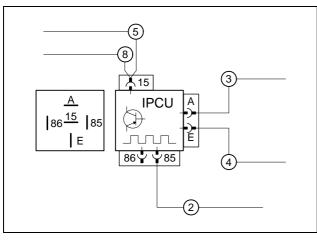
Cutting wires to length



Produce connections as shown in wiring diagram. Pull wire section 1 into protective sleeving provided and route together with wiring harness of digital timer and fan controller into passenger compartment.



Preparing K3 relay



Connect wires to IPCU (IPCU view on contact side)

Pull wire **5** into the protective sleeving provided and route to OBD socket outlet. Wire **8** only with automatic air-conditioning



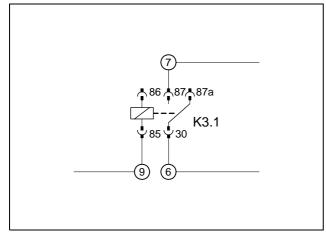
Preassembling IPCU





Produce connections as shown in wiring diagram.

Preparing additional relay K3.1





Electrical system

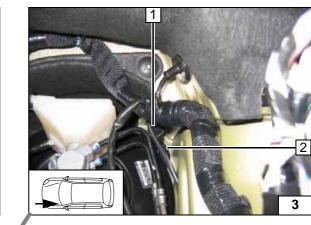
Connecting positive wire

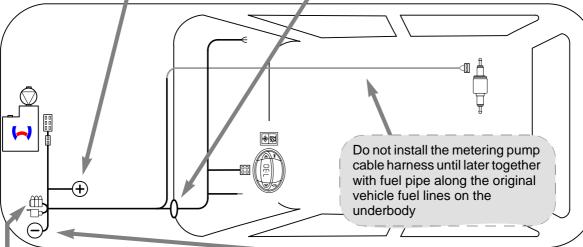
Before installing, crimp 8 mm dia. cable lug onto positive wire.

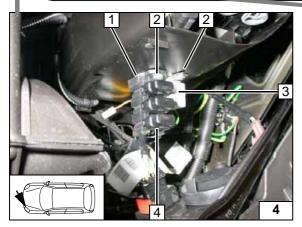
- 1 Red (rt) wire
- 2 Original vehicle positive support point

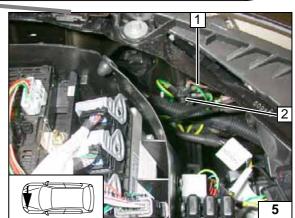
Wiring harness pass through

Route wiring harnesses (digital timer, fan controller and green/white (gn/ws wire in protective sleeving) on original vehicle wiring harness 1 to protective rubber plug 2 and route into passenger compartment.









Fuse holder, relay K3

- 1 Retaining plate for fuse holder
- **2** 4 mm dia. hole, 5.5x13 self-tapping screw; plastic nut [2x each]
- 3 K3 relay
- 4 Fuse holder

Connecting ground wire

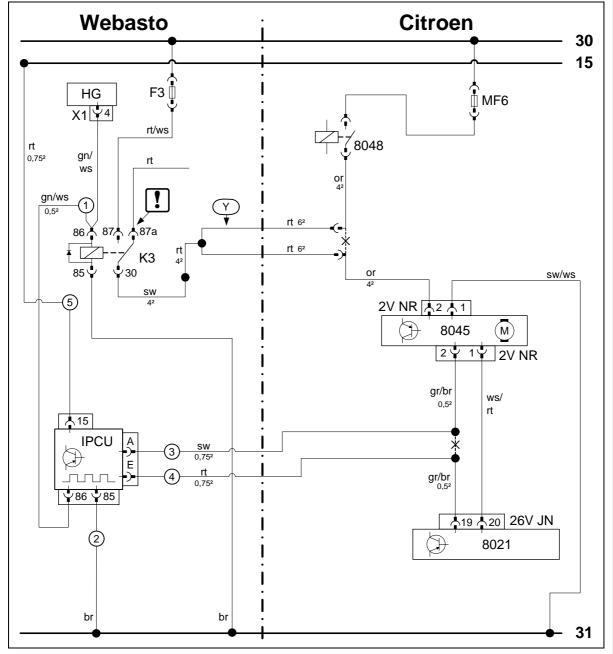
- 1 Brown (br) wire
- 2 Original vehicle ground support point



Wiring harness installation diagram



Fan controller for manual air conditioning



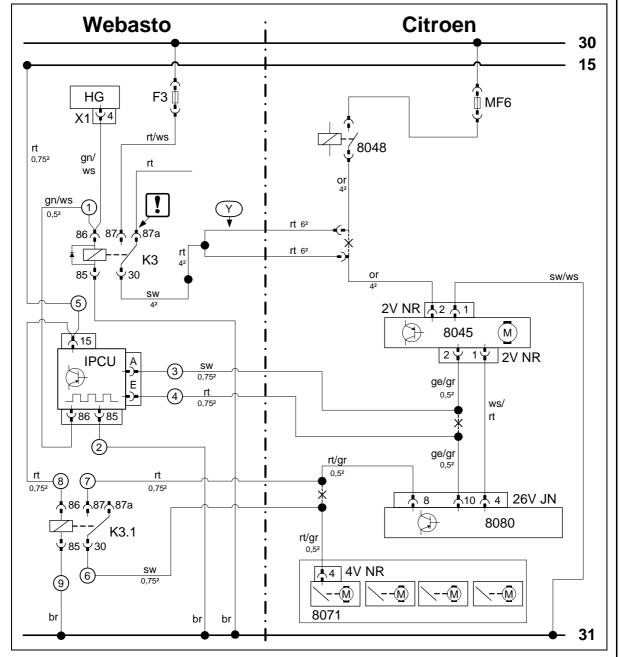
Webasto components Vehicle		Vehicle of	components	Colors and symbols	
HG	Heater unit TT-C/E	8021	Air-conditioning control unit	rt	red
X1	6-pin heater unit connector	8071	Air distribution	ws	white
F3	25 A fuse	8048	Fan relay	sw	black
K3	Fan relay	8045	Fan module	br	brown
IPCU	Pulse width modulator	2V NR	2-pin connector	gn	green
Υ	Wiring adapter	4V NR	4-pin connector	bl	blue
		26V JN	26-pin connector	or	orange
		MF6	Fuse	gr	gray
IPCU adjustment values:				M	Press out wire end, insulate and tie back
Duty cycle: 42 %				٠	ilisulate and tie back
Frequency: 1000 Hz					
Voltage	e: 5 V			X	Cutting point
Function: High-side				Wiring	colors may vary.

Wiring diagram

Legend



Automatic air-conditioning fan controller

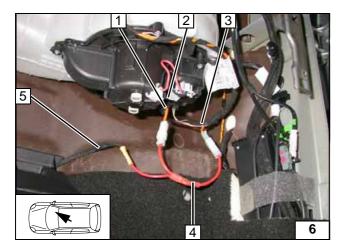


Webasto components Vehic		Vehicle of	le components		and symbols
HG	Heater unit TT-C/E	8080	Air-conditioning control unit	rt	red
X1	6-pin heater unit connector	8071	Air distribution	ws	white
F3	25 A fuse	8048	Fan relay	SW	black
K3	Fan relay	8045	Fan module	br	brown
IPCU	Pulse width modulator	2V NR	2-pin connector	gn	green
Υ	Wiring adapter	4V NR	4-pin connector	bl	blue
K3.1	Additional relay	26V JN	26-pin connector	ge	yellow
		MF6	Fuse	gr	gray
				or	orange
IPCU adjustment values:					Press out wire end,
Duty cycle: 42 %				ك	insulate and tie back
Frequency: 1000 Hz					
Voltage: 5 V		·		X	Cutting point
Function: High-side				Wiring colors may vary.	

Wiring diagram

Legend





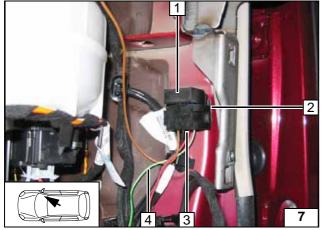
Fan controller on all vehicles

Fan motor is controlled on 2-pin connector **2** of fan module.

Produce connections as shown in wiring diagram.

- 1 Orange (or) wire connector 2V NR, Pin 2
- 3 Orange (or) wire of fan relay 8048
- 4 Y-adapter
- 5 Black (sw) wire from K3/30





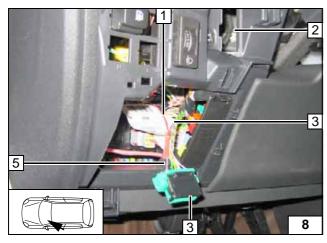
Before installing, connect green/white (gn/ws) wire **4** from K3/86 to socket of IPCU terminal 86.



2 Double-sided adhesive tape



Installing socket from IPCU

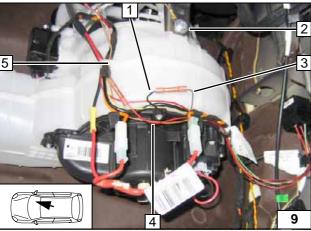


Control changeover of IPCU is carried out on 16-pin OBD socket outlet 3.

Produce connections as shown in wiring diagram.

- 1 Red (rt) wire IPCU/15
- 2 Socket of OBD socket outlet
- 3 Pink (pk) wire (terminal 15)
- 5 Pink (pk) wire of 16-pin OBD socket outlet, Pin 1

Power supply of IPCU



Fan controller is controlled before 2-pin connector from fan module.

Brown (br) wire of IPCU/85 1 with 6 mm dia. cable lug on original vehicle bolt.

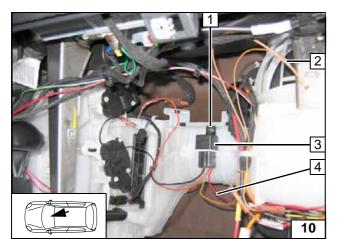
Produce connections as shown in wiring

Produce connections as shown in wiring diagram.

- 1 Black (sw) wire of IPCU/A
- 3 Yellow/gray (ge/gr) (gray/brown (gr/br)) wire of connector 2V NR, Pin 2
- 4 Red (rt) wire of IPCU/E
- 5 Yellow/gray (ge/gr) (gray/brown (gr/br)) wire of A/C control panel connector 26V JN

Connecting fan controller





Also with automatic air-conditioning

Brown (br) wire 2 with 6 mm dia. cable lug on original vehicle bolt. Connect red (rt) wire 4 from IPCU/15 to K3.1/86 according to wiring diagram.

- 1 Self-tapping screw on existing hole
- **3** K3.1 relay



Installing K3.1 relay

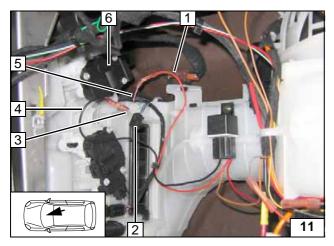


flap motor 6. Produce connections as shown in wiring diagram.

Control changeover of air distribution is carried out on 4-pin connector 4V NR 2 from

- 1 Red (rt) wire to K3.1/87
- 3 Red/gray (rt/gr) wire of connector 8071 4V NR, Pin 4
- 4 Black (sw) wire K3.1/30
- 5 Red/gray (rt/gr) wire of A/C control unit

Connection to air distribution







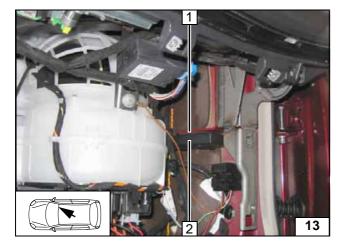
Digital timer, summer/winter switch option



Installation location shown is a recommendation. Agree upon with final customer before installing.

- 1 Digital timer
- 2 12 mm dia. hole, summer/winter switch

Installing digital timer



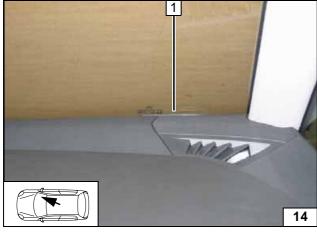
Remote option (Telestart)



- 1 Double-sided adhesive tape
- 2 Receiver

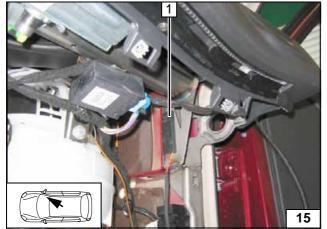
12

Installing receiver



1 Antenna





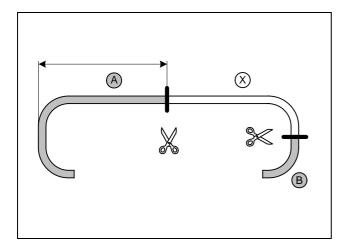
Temperature sensor for HTM100 only



1 Fasten temperature sensor with adhesive tape

Installing temperature sensor





Preparing heater unit

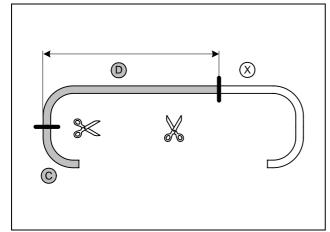
1.8 liter gasoline engine a = 1240 mm

1.6 liter diesel engine a = 1100 mm

2.0 liter diesel engine a = 1200 mm

Discard section X

Cutting coolant hoses to length



1.8 liter gasoline engine

d = 1240 mm

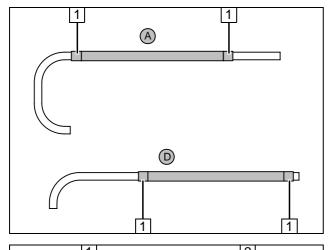
1.6 liter diesel engine d = 1180 mm

2.0 liter diesel engine d = 1200 mm

Discard section X



Cutting coolant hoses to length



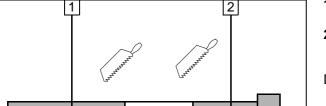
Push braided protection hoses onto hose A and **D** and cut to length.

Cut heat shrink plastic tubing to length and shrink to size.

1 25 mm long heat shrink plastic tubing [4x]



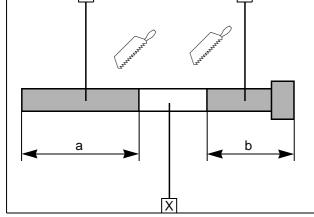
Preparing coolant hoses



- 1 Exhaust pipe a = 120
- 2 Exhaust end section b = 110

Discard section X

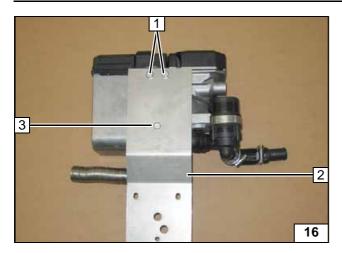
exhaust pipe



1311842C_EN 13

Preparing



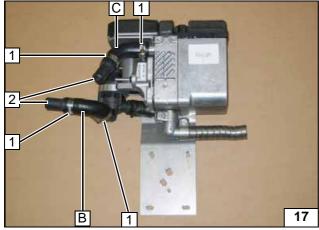


Insert two washers at position 3 between bracket 2 and heater unit 1.

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

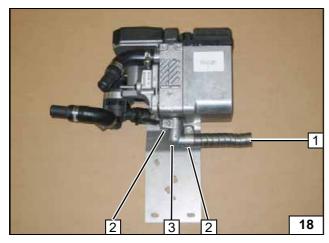


Preassembling bracket



- 1 Hose clamp [4x]
- 2 20x20 connecting pipe [2x]

Premounting coolant hoses



- 1 Exhaust pipe
- 2 Hose clamp [2x]
- 3 Exhaust manifold

Premounting exhaust system

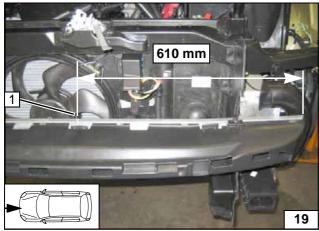


Copy hole pattern as shown.

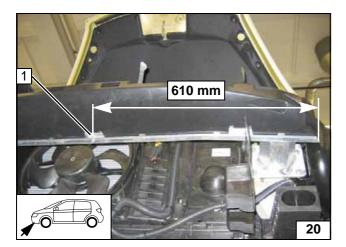
1 Drill 9.1 mm dia. hole; install rivet nut



Mounting rivet nut





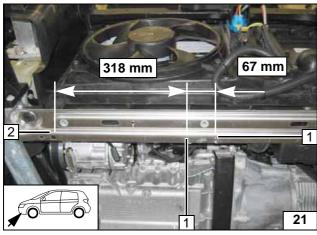


Copy hole pattern as shown.

1 Drill 9.1 mm dia. hole; install rivet nut



Mounting rivet nut

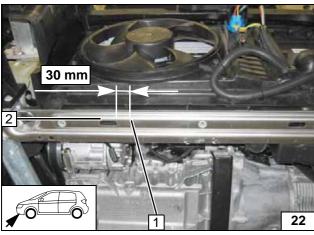


Square cut-out at position 2.

1 7 mm dia. hole [2x] (centered from bar)



Holes for bracket in radiator cross member



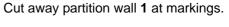
Cut-out of oblong hole at position 2.

1 7 mm dia. hole (centered from bar)



Hole for exhaust muffler in member

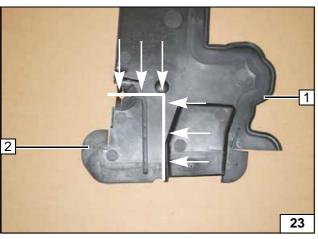




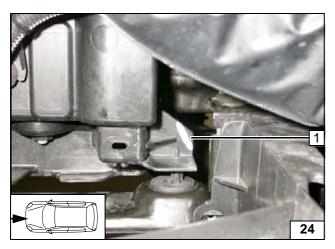
2 Discard remaining piece



Cutting out partition wall





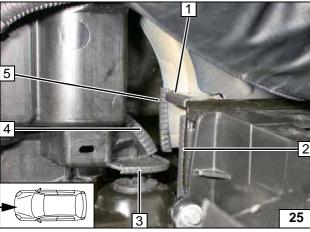


2.0 liter gasoline engine only

Cut away edge 1 at marking and discard.



Cutting away edge on radiator cross member

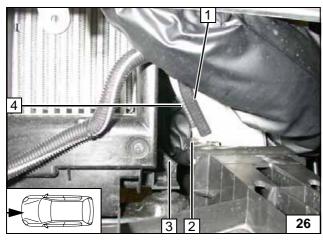


Cut 5 consecutive 500 mm ends from edge protection provided and install.

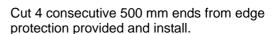


- 1 Edge protection 50
- **2** Edge protection 70
- 3 Edge protection 130
- 4 Edge protection 60
- 5 Edge protection 60





All vehicles except 2.0 liter gasoline engine



- 1 Edge protection 60
- 2 Edge protection 40
- 3 Edge protection 40
- 4 Edge protection 40



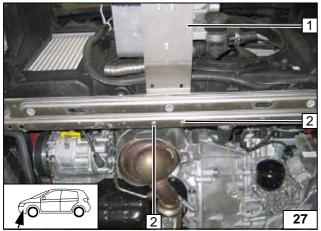
Installing edge protection



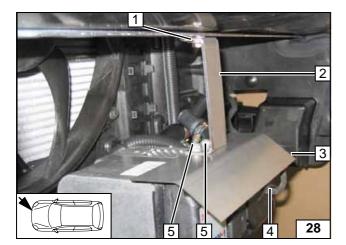
Install one shim 10 each at position **2** between bracket and radiator cross member.

- 1 Preassembled heater unit
- 2 M6x25 bolt, flanged nut [2x each]

Installing heater unit





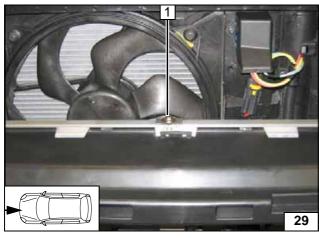


Before installing wind deflector plate **3**, mount wiring harness for heater unit **4**.



- 1 Loosely mount M6x20 bolt, spring lockwasher and large diameter washer
- 2 Strut
- 5 Loosely mount Ejot screw [2x]

Installing strut



Tighten all connections following installation.



1 M6x20 bolt, spring lockwasher, large diameter washer

Installing strut



Water

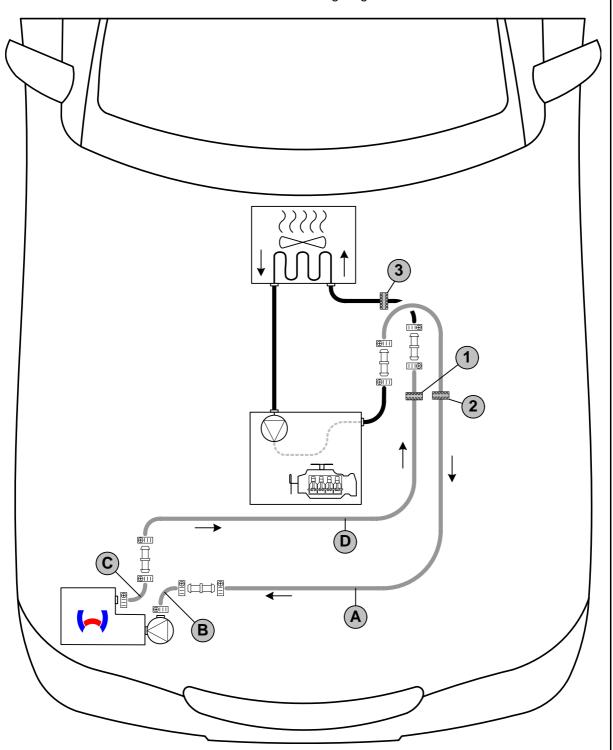
WARNING!

Any coolant running off should be collected using an appropriate container. Install 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! When installing the coolant hose, the heater unit must be filled with coolant.

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



Coolant routing diagram



All hose clamps ⊕ □ = 20-27 mm dia.! All connecting pipes □ as follows:

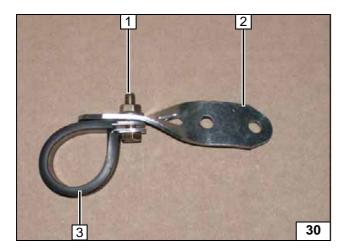
1.8 liter gasoline = dia. 18x20! **1.6 liter diesel** = dia. 18x20! **2.0 liter diesel** = dia. 20x20

1 = Black (sw) rubber isolator (1.8 liter gasoline only)! 2 = Black (sw) rubber isolator (1.6 and

2.0 liter diesel)! **3** = Black (sw) rubber isolator (2.0 liter diesel only)!





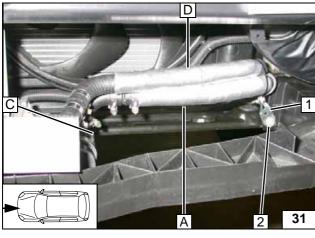


Turn perforated bracket 2 by approx. 75° in longitudinal axis.

- 1 M6x20 bolt, flanged nut2 Perforated bracket
- 3 Rubber-coated pipe clamp



. bracket

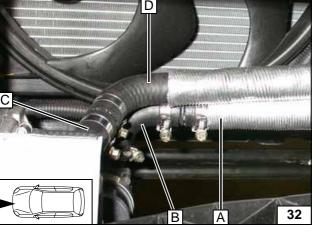


Slide on heat protection hoses. Route coolant hoses A and D through original vehicle pass through on radiator at left to heater unit. When doing so, guide hose A through rubbercoated p-clamp.

- 1 Prepared perforated bracket
- 2 Original vehicle bolt



Installing coolant hoses

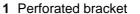


Only loosely preassemble connecting point from hose A and B (hose clamps will be tightened later).



Coolant connection on heater unit

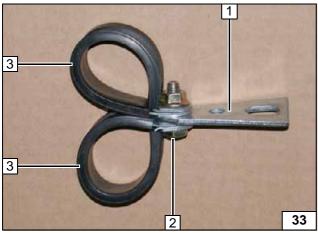




- 2 M6x20 bolt, flanged nut
- 3 Rubber-coated p-clamp [2x]

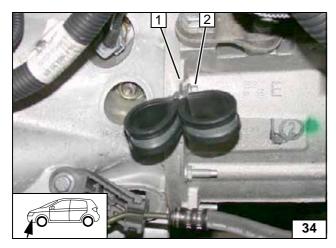


Preparing perforated . bracket







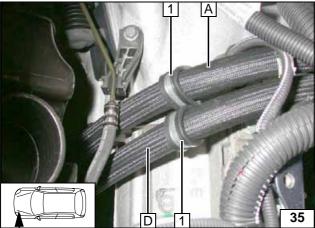


Fasten perforated bracket on transmission block.

- 1 Prepared perforated bracket
- 2 Original vehicle bolt



Installing perforated bracket



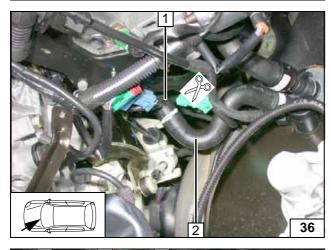
1.8 liter gasoline

Route hose \boldsymbol{A} and \boldsymbol{D} through rubber-coated p-clamps.

1 Rubber-coated p-clamp [2x]



Routing to cutting point

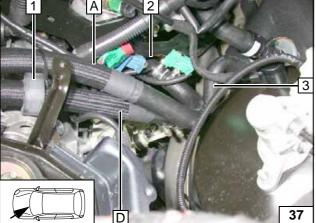


Disconnect hose from engine outlet to heat exchanger inlet with hose clamping pliers.

- 1 Engine-outlet hose section
- 2 Hose section of heat exchanger inlet



Cutting point



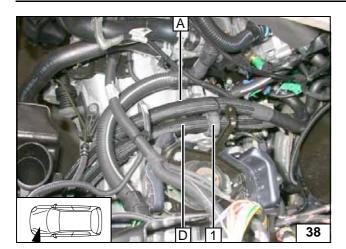
Before installation, push black (sw) rubber isolator 1 onto hose **D**.

- 2 Engine outlet hose section
- 3 Hose section of heat exchanger inlet

F

Connecting heat exchanger inlet and engine outlet



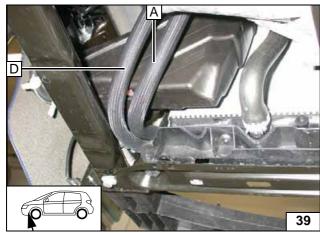


Fasten rubber isolator on hose **A** with cable tie

1 Black (sw) rubber isolator



Routing in engine compart-ment

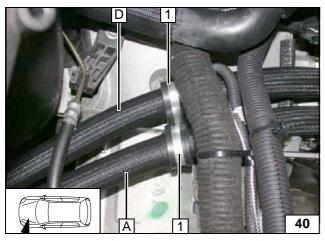


Align hoses and tighten hose clamps at connecting point of hose **A** and **B** on heater unit.

Check the position of the components; adjust if necessary. Check that they have free clearance.



Positioning hose A and D



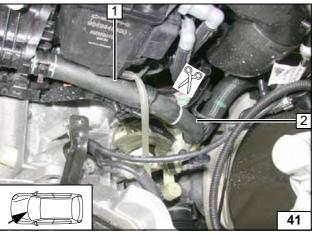
1.6 liter diesel

Route hose \boldsymbol{A} and \boldsymbol{D} through rubber-coated p-clamps.

1 Rubber-coated p-clamp [2x]



Routing to cutting point



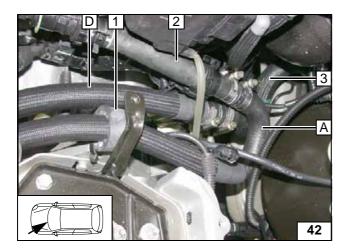
Disconnect hose from engine outlet to heat exchanger inlet with hose clamping pliers.

- 1 Engine-outlet hose section
- 2 Hose section of heat exchanger inlet

Cutting point





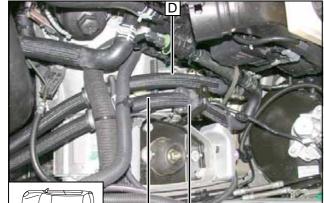


Before installation, push black (sw) rubber isolator 1 onto hose A.

- 2 Engine outlet hose section
- 3 Hose section of heat exchanger inlet



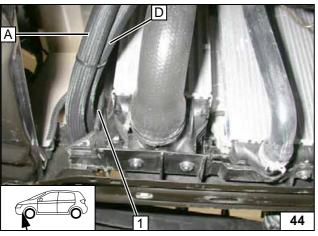
Connecting heat exchanger inlet and engine outlet



Fasten black (sw) rubber isolator **1** on hole of transmission block with cable tie.



Routing in engine compart-ment



Align hoses and tighten hose clamps at connecting point of hose **A** and **B** on heater unit

Check the position of the components; adjust if necessary. Check that they have free clearance.

1 Edge protection 50

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Positioning hose A and D



Remove braided protection hose in area of cutting point.

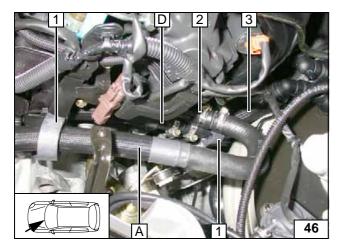
- 1 Engine-outlet hose section
- 2 Hose section of heat exchanger inlet
- 3 Edge protection 50



Cutting point





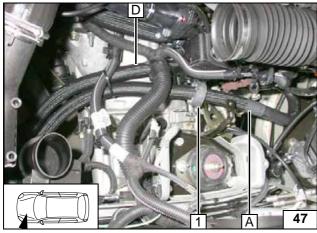


Before installing, push black (sw) rubber isolator 1 onto hose A and onto hose section of heat exchanger inlet 3.



2 Engine outlet hose section

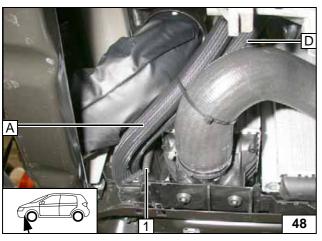
Connecting heat exchanger inlet and engine outlet



Fasten black (sw) rubber isolator **1** on original vehicle wiring harness bracket with cable tie.



Positioning hose A and D



Align hoses and tighten hose clamps at connecting point of hose **A** and **B**. Check the position of the components; adjust if necessary. Check that they have free clearance.



1 Edge protection 50

Positioning hose A and D



Fuel

CAUTION!

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

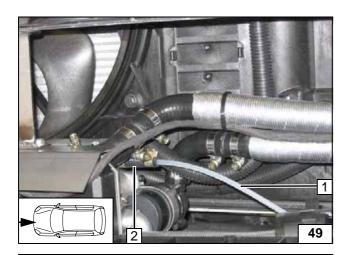
Catch any fuel running off with an appropriate container.

Install fuel line and metering-pump wiring harness so that they are protected against stone impact. Unless specified otherwise, always fasten using cable ties.

Mount the fuel line and wiring harness with rub protection on sharp edges.

WARNING!

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



Gasoline

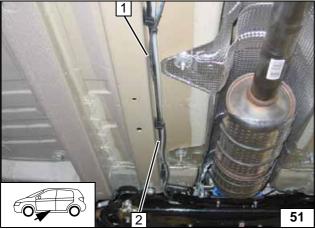
- 1 Fuel line
- 2 Hose section, 10 mm dia. clamp [2x]

Connection on heater unit



- 1 Fuel line
- 2 Edge protection 70

Installing lines

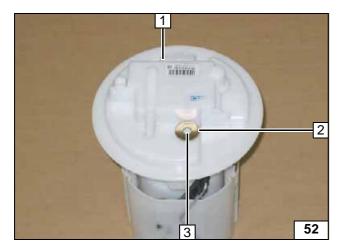


- 1 Metering pump wiring harness
- 2 Fuel line from heater unit

Installing lines





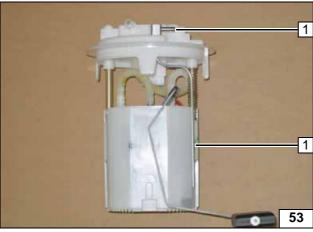


Remove fuel tank and fuel-tank sending unit 1 according to manufacturer's information.

- 2 Large diameter washer
- 3 Copy hole pattern, 6 mm dia. hole



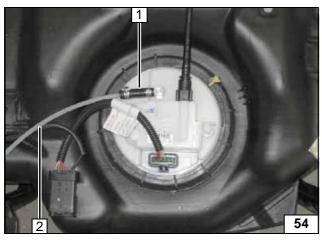
Removing fuel



Shape fuel standpipe **1** according to template, cut to length and install.



Installing fuel standpipe

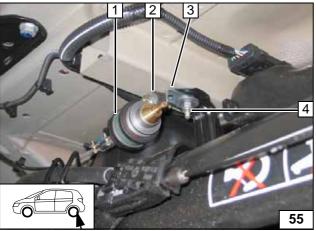


Install fuel-tank sending unit according to manufacturer's specifications.
Install fuel tank in accordance with manufacturer's specifications.



- 1 Hose section, 10 mm dia. Caillau clamp [2x]
- 2 Fuel line

Connecting fuel line



Ensure proper installation position of metering pump, see "Installation Instructions".

Installation location behind vehicle fuel tank!



- 1 Rubber-coated pipe clamp
- 2 Silent block, flanged nut [2x]
- 3 Angle bracket
- 4 Original vehicle nut, washer

Installing metering pump



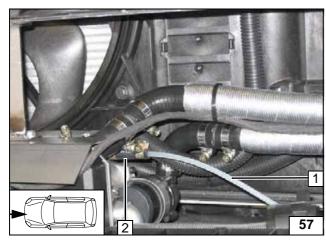




Connect fuel line from heater unit 1 to pressure side and fuel line from fuel standpipe 3 to intake side of metering pump.

- 2 Wiring harness of metering pump, connector mounted
- 4 Hose section, 10 mm dia. clamps [2x]
- 5 Hose section, 10 mm dia. clamps [2x]

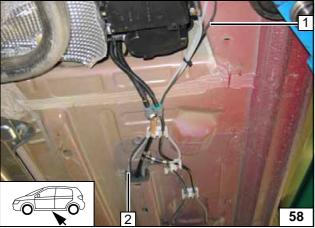
Connecting metering pump



Diesel

- 1 Fuel line
- 2 Hose section, 10 mm dia. clamp [2x]

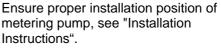
Connection on heater unit



Route wiring harness of metering pump 1 together with fuel line 2 along original vehicle fuel lines to installation location of metering pump.



Installing lines



Installation location on vehicle fuel tank at side.

- 1 Original vehicle stud bolt; M8 flanged nut
- 2 Angle bracket
- **3** Rubber-coated p-clamp, silent block, flanged nut [2x]

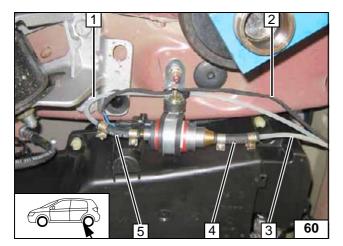


Installing metering pump

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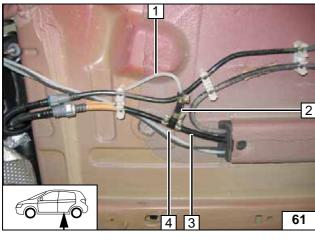


Connect fuel line from heater unit **1** on pressure side and fuel line to fuel standpipe **3** on intake side of metering pump.

- 2 Wiring harness of metering pump, connector mounted
- 4 Hose section, 10 mm dia. clamps [2x]
- 5 Hose section, 10 mm dia. clamps [2x]



ing metering pump



Fuel is removed from original vehicle fuel supply line **3**.

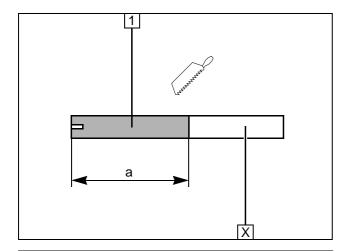
- 1 Fuel line from metering pump
- 2 Hose section, 10 mm dia. clamps [2x]
- 4 8x5x8 fuel standpipe



Removing fuel





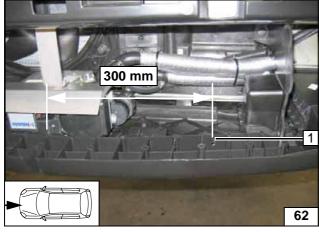


Combustion air

1 Combustion air pipe a = 250

Discard section X

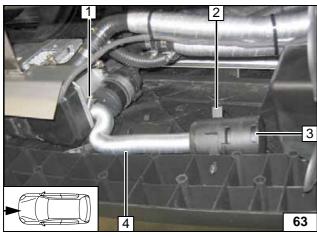
Cutting combustion air pipe to length



Drill 6.2 mm dia. hole **1** in center of grid as shown.



Hole for muffler



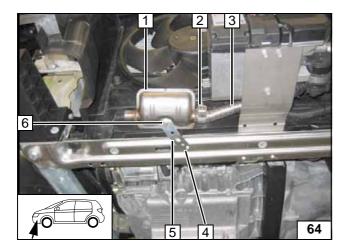
Ensure proper installation position of air intake muffler, see "Installation Instructions". Check the position of the components; adjust if necessary. Check that they have free clearance.



- 1 27 mm dia. hose clamp
- 2 Retaining clip in hole
- 3 Combustion-air intake muffler
- 4 Combustion-air intake pipe

Installing combustion air pipe





Exhaust gas

Following installation, bend muffler upward approx. 30°.

- 1 Muffler
- 2 Hose clamp
- 3 Exhaust pipe
- 4 M6x20 bolt, spring lockwasher
- 5 Perforated bracket
- 6 M6x20 bolt, flanged nut

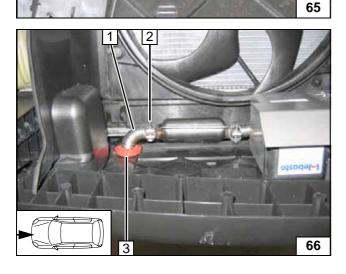




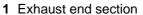
Lay on red (rt) rubber isolator at position 1, copy hole pattern and drill 42 mm dia. hole in underride protection.



Cutting out underride protection



Insert rubber isolator **3** in 42 mm dia. hole. Check the position of the components; adjust if necessary. Check that they have free clearance.



2 Hose clamp



Mounting underride protection



Final Work

WARNING!

Reassemble the disassembled components in reverse order.

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

Secure all loose cables using cable ties.

Only use manufacturer-approved coolant.

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

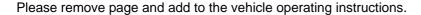
- Connect the battery
- Fill and bleed the coolant circuit according to the vehicle manufacturer's specifications.
- Set the digital timer.
- Make settings on A/C control panel according to the "Operating Instructions for End Customer".
- Check the proper operation of the additional heater, see the operating instructions/installation instructions.
- Attach the "Switch off additional heater before refueling" sticker to the left-hand B-pillar.





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Operating Instructions for End Customer





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, this must be switched in accordance with the time of year. The heater unit will then only switch on the vehicle fan to ventilate the vehicle interior in the position Winter heat and in the position Summer .



Before shutting off the engine, make the following settings:



1 Air outlet to windshield





1 Air outlet to windshield

Automatic air-conditioning



Template for Gasoline Fuel Standpipe

