

Water Heater

Thermo Top Evo Parking Heater



Quick-Installation Documentation

Peugeot 308 1.2 THP 96kW petrol

"Island" coolant circuit

Validity

Manufacturer		Model	Type	EG-BE No. / ABE	
Peugeot		308	L	e2 * 2007 / 46 * 0405 * ...	
Motorisation	Fuel	Transmission type	Output in kW	Displacement in cm ³	Engine code
1.2 THP	Petrol	6-speed SG	96	1199	HN02

SG = Manual transmission

From Model Year 2014

Left-hand drive vehicle

Verified equipment variants: Automatic air-conditioning
 Front fog light
 Start-Stop
 LED daytime running lights
 Full LED headlight

Not verified: Manual air-conditioning
 Passenger compartment monitoring
 Headlight washer system

Table of Contents

Validity	1	Preliminary Work on the Vehicle	2
Necessary Components	1	Coolant Circuit 1.2 THP with 96kW	3
Information on Validity	2		
Technical Information	2		
Explanatory Notes on Document	2		

Necessary Components

- Additional kit for "island" coolant circuit 1.2 THP 96kW: **1323668A**, in connection with installation kit 1321756D and installation documentation 1321757E

Peugeot 308

Information on Validity

This installation documentation applies to Peugeot 308 1.2 THP petrol vehicles in combination with installation kit **1321756D** and installation documentation **1321757E** - 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.

Technical Information

Special tools

- Hose clamp pliers for self-clamping hose clamps
- Hose clamp pliers for Clic hose clamps of type W
- Hose clamping pliers
- Webasto Thermo Test Diagnosis with current software

Dimensions

- All dimensions are in mm

Tightening torque values

- Tighten other bolt connections in accordance with manufacturer's instructions or in accordance with state-of-the-art-technology.

Explanatory Notes on Document

Special features are highlighted using the following symbols:

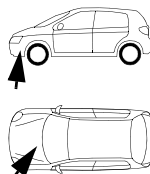
Reference to general installation instructions of Webasto components or to the manufacturer's vehicle-specific documents.



Reference to a special technical feature.



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



Preliminary Work on the Vehicle

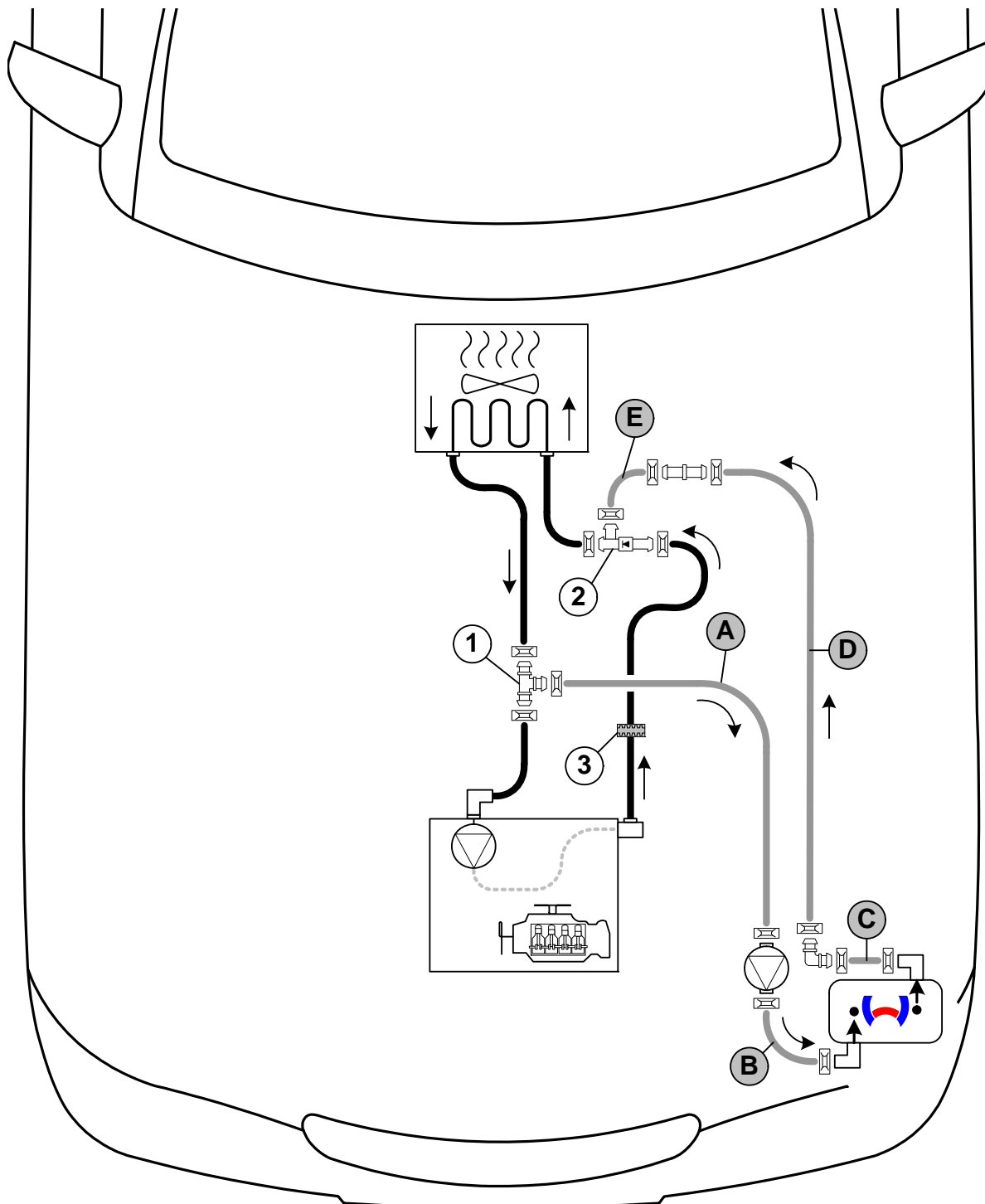
- Depressurise the cooling system.



Coolant Circuit 1.2 THP with 96kW




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:

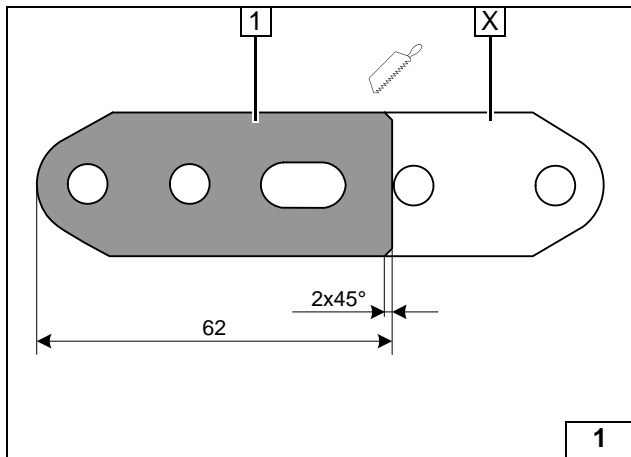


Hose routing diagram

All spring clips  = 25 mm dia. All connecting pipes  and  = 18x18mm dia.

1 = T-piece  18x18x18mm dia. 2 = check valve  18x18x18 mm dia. 3 = Black (sw) rubber isolator .





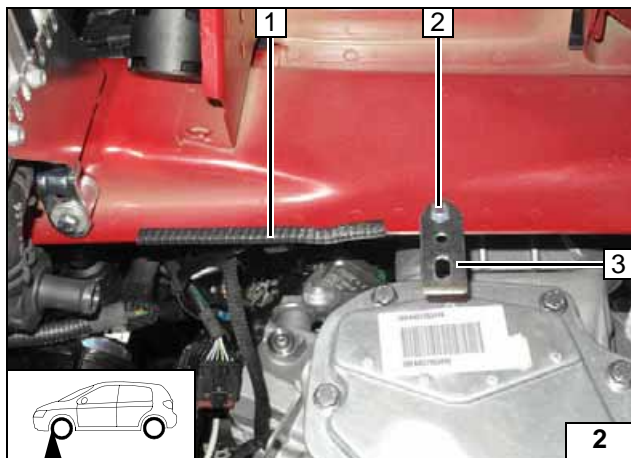
1.2 THP 96kW

Discard section X .

- 1 Perforated bracket

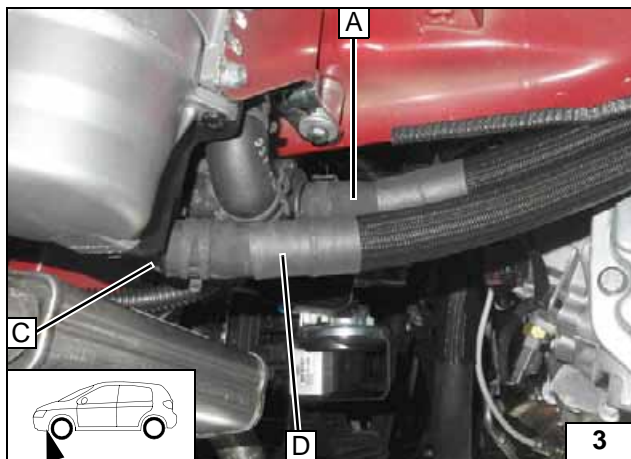


Preparing perforated bracket



- 1 200mm edge protection
- 2 M6x16 bolt, flanged nut
- 3 Perforated bracket

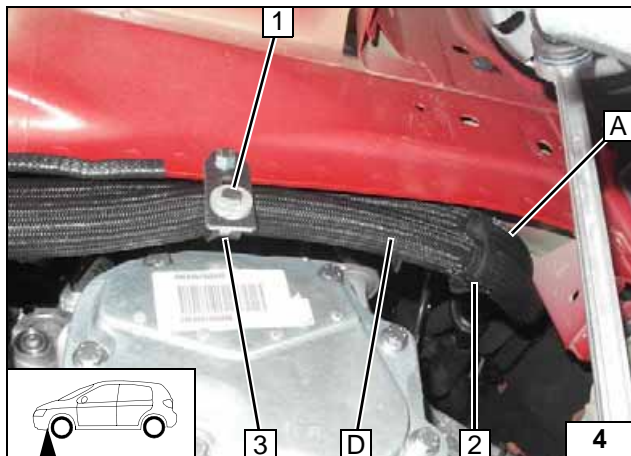
Installing perforated bracket



Connect hose A to circulating pump. Connect hose C and D.

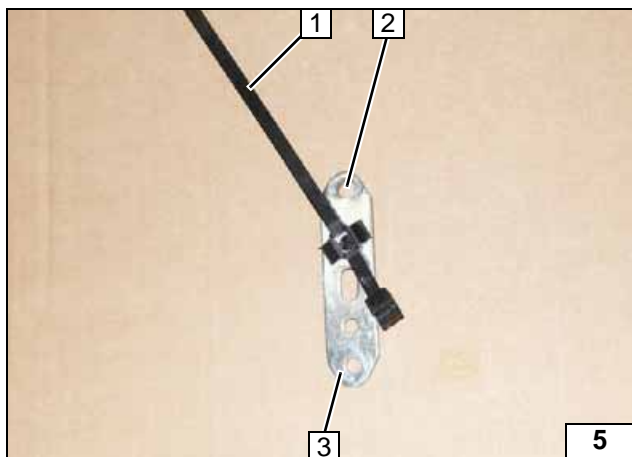
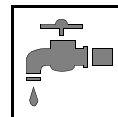


Connecting heater



- 1 M6x16 bolt, large diameter washer, flanged nut
- 2 Lockable hose bracket
- 3 38mm dia. rubber-coated p-clamp

Routing in engine compartment

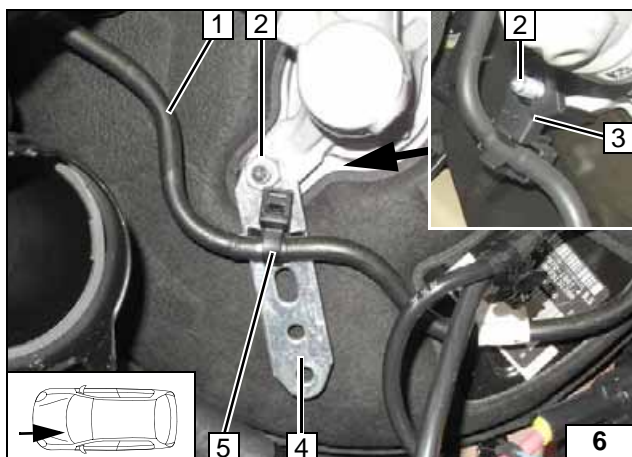


Drill out perforated bracket 3 at position 2 to 8.5mm.

- 1 Clip-type cable tie



Preparing perforated bracket

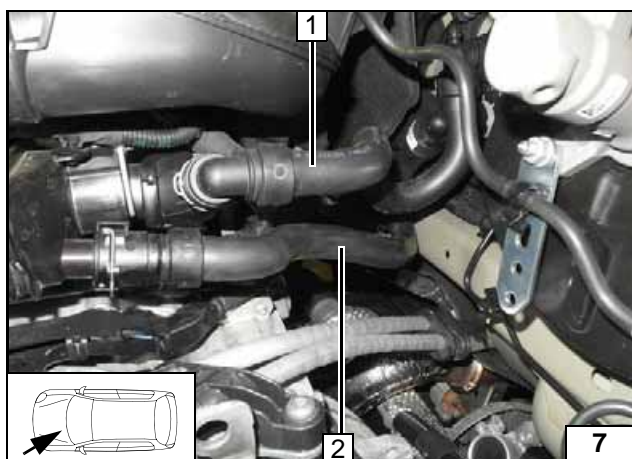


Remove original vehicle's bracket of vacuum line 3 from position 2 and discard. Do not remove original vehicle nut!

- 1 Vacuum line
- 2 Original vehicle stud bolt and nut, flanged nut
- 4 Perforated bracket
- 5 Close clip-type cable tie



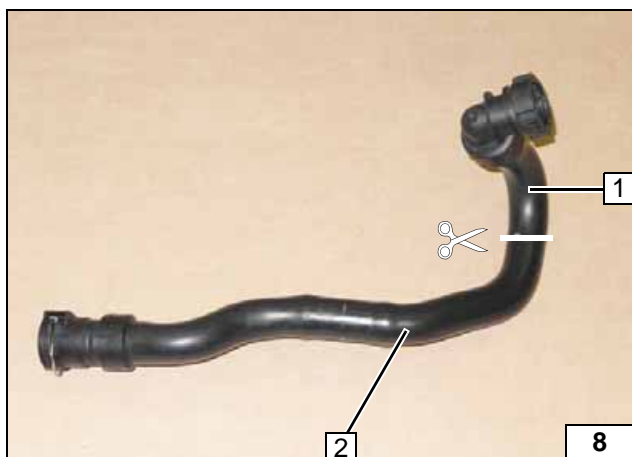
Installing perforated bracket



Remove hoses of engine outlet / heat exchanger inlet 2 and engine inlet / heat exchanger outlet 1.



Cutting point

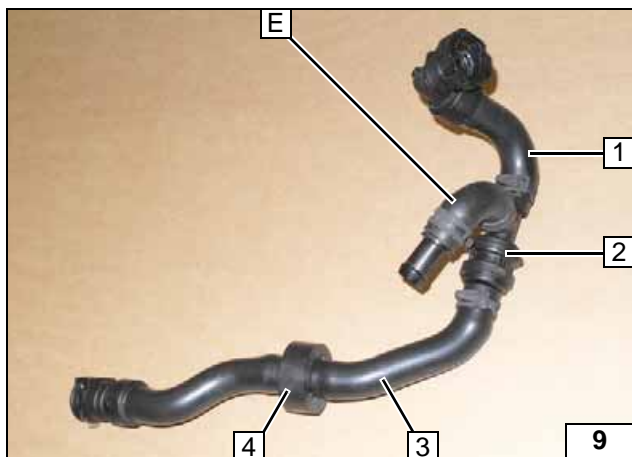
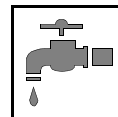


Cut hose on engine outlet / heat exchanger inlet at the marking.

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



Preparing hose



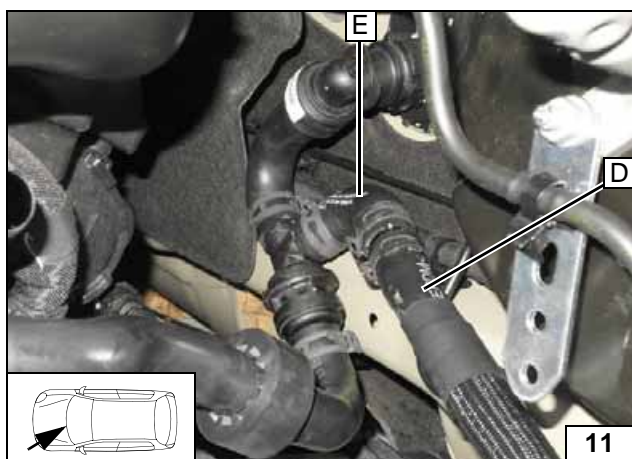
- 1 Hose section of heat exchanger inlet
- 2 Check valve (pay attention to the direction of flow)
- 3 Hose section of engine outlet
- 4 Black (sw) rubber isolator

Preparing hose

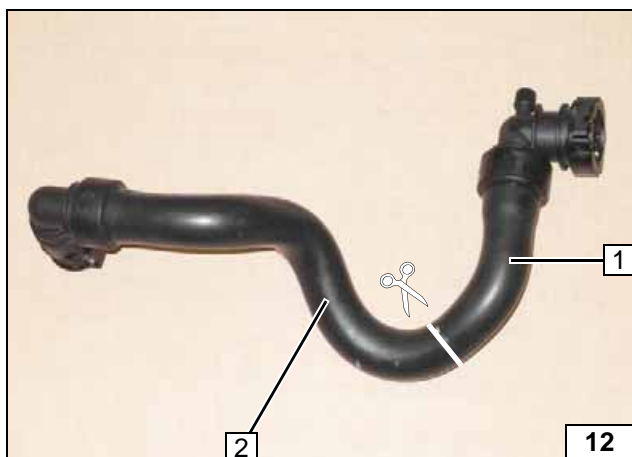


- 1 Connection piece of heat exchanger inlet
- 2 Prepared hose group of heat exchanger inlet / engine outlet
- 3 Connection piece of engine outlet

Connection on heat exchanger inlet / engine outlet



Connecting hose D

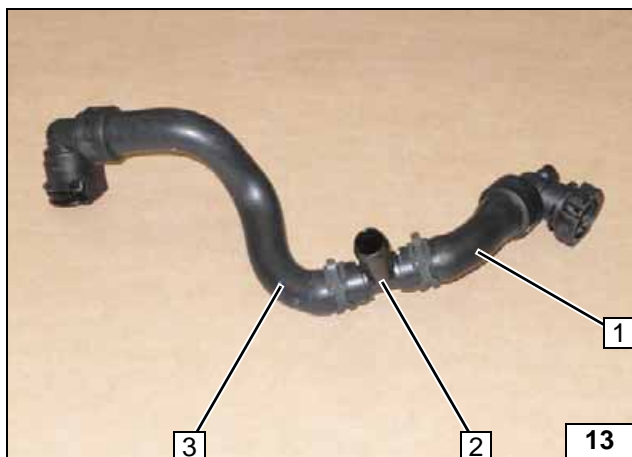


Cut hose on engine inlet / heat exchanger outlet at the marking.

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

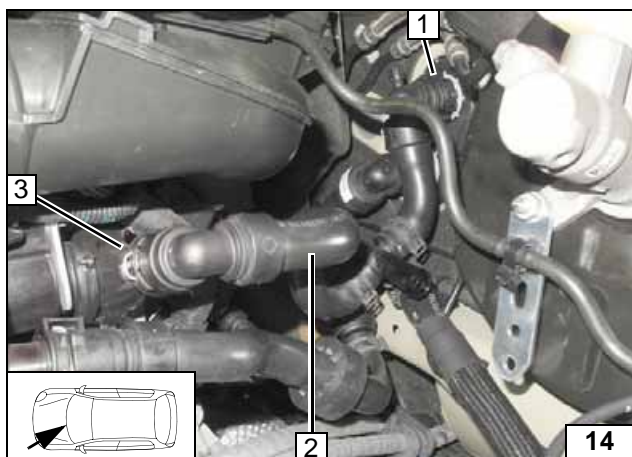
Preparing hose





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

Preparing hose

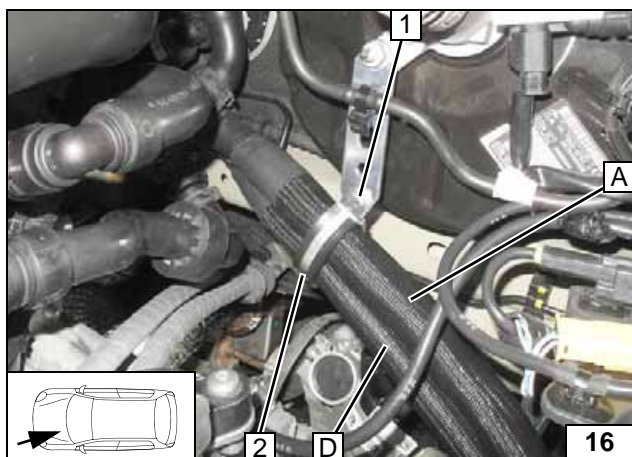


- 1 Connection piece of heat exchanger outlet
- 2 Prepared hose group of heat exchanger outlet / engine inlet
- 3 Connection piece of engine inlet

Connecting heat exchanger outlet / engine inlet

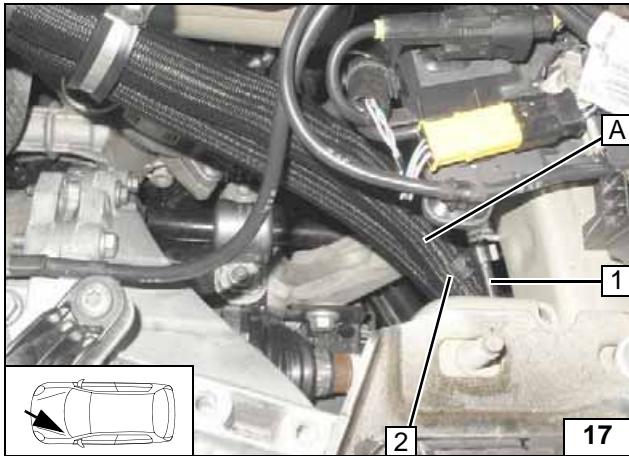


Connecting hose A



- 1 M6x20 bolt, flanged nut
- 2 38mm dia. rubber-coated p-clamp

Routing in engine compartment



Align hoses. Ensure sufficient distance from adjacent components; correct if necessary.

- 1 Original vehicle coupling line
- 2 9x23 hose bracket, rotatable

**Mounting
hose bracket**

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