$(\mathbf{D})$ Einbauanleitung/nur Händlereinbau (GB) Installation instructions / Dealer installation only  $(\mathbf{F})$ Consignes de montage / Montage uniquement par le concessionnaire (NL) Montagehandleiding / Montage alleen door dealers (DK) Montagevejledning/Montage kun hos forhandleren  $(\mathbf{N})$ Monteringsinstruksjon / Montasje kun hos forhandleren  $(\mathbf{S})$ Installationsanvisning / Får endast monteras av återförsäljaren (FIN) Asennusohje/Asennus vain myyntiliikkeen toimesta  $(\mathbf{I})$ Istruzioni per il montaggio/Installazione solo presso la concessionaria **(E)** Instrucciones de montaje / Instalación exclusiva por el distribuidor  $(\mathbf{P})$ Instruções de montagem / Montagem só no concessionário (GR) Οδηγίες εγκατάστασης/Συναρμολόγηση μόνο από εμπο ρους (CZ) Návod k montáži / Montá pouze prodejcem (PL) Instrukcja montażu / Montaż tylko u dealera (TR) Montaj talimati / Sadece satici tarafında monte edilir  $(\mathbf{H})$ Beépítési útmutató/Csak a kereskedő építheti be (HR) Upute o ugradnji / Ugradnja samo od strane trgovca (BUL) Инструкция эа монтаж / Монтажът може да се извърши само от търговеца RO Instrucțiuni de montaj / Se va monta numai de către dealer (RUS) Инструкция по монтажу и установке / Устанавливать только у дилера Montavimo informacija / Montuoja tik prekybininkas (LV)Iemontēšanas pamācība/Tikai pārdevēja iebūve (EST) Paigaldusjuhend / Paigaldab ainult müüja (SLO) Navodilo za vgradnjo/Vgradnja le od trgovca (SK) Montážny návod / Montá iba obchodníkom 取り付け説明書 / 販売業者取り付けのみ  $\mathbf{T}$ 장치 지시사항 / 오직 전문상인이 장치 (ROK) ้ ค่มือการติดตั้ง / ติดตั้งโดยตัวแทนจำหน่ายเท่านั้น (THA) 安装说明书 / 仅供销售商安装用 (VR) 安裝說明書 / 僅供銷售商安裝用 (VR)

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# Installation Documentation Opel Zafira

Validity

Manufacturer		Model	Туре		EG-BE-No. / ABE	
Opel		Zafira	P-J		e4 * 2007 / 46 * 0204 *	
Opel		Zafira	P-J		e4 * 2007 / 46 * 0308 *	
Motorisation	Fuel	Transmission type	Output in kW	D	isplacement in cm <sup>3</sup>	Engine code
1.4 P	Petrol	6-speed SG	88	1:	362	A/B14NEL (LUJ)
1.4 P	Petrol	6-speed SG	103	1:	362	A/B14NET (LUJ)
1.4 P	Petrol	6-level AT	103	1:	362	A/B14NET (LUJ)
1.6 P	Petrol	6-speed SG	125	1	598	A/B16XHT (LVP)
1.6 P	Petrol	6-level AT	125	1	598	A/B16XHT (LVP)
1.6 P	Petrol	6-level AT	125	1	598	B16SHL (LWC)
1.6 P	Petrol	6-speed SG	147	1	598	A/B16SHT (LWC)
2.0 D	Diesel	6-speed SG	81	19	956	A20DTL (LBQ)
2.0 D	Diesel	6-speed SG	96	19	956	A20DT (LBR)
2.0 D	Diesel	6-speed SG	121	19	956	A20DTH (LBS)
2.0 D	Diesel	6-level AT	121	19	956	A20DTH (LBS)
2.0 D	Diesel	6-speed SG	143	19	956	A20DTR (LBY)

SG = Manual transmission

AT = Automatic transmission

### From Model Year 2011 Left-hand drive vehicle

Verified equipment variants: Manual air-conditioning (Option Code "C67")

2-zone automatic air-conditioning (Option Code "CJ2") Front fog lightDaytime running lights Daytime running lights LED daytime running lights Adaptive forward lights (Bi-Xenon) Headlight washer system Solar protect windscreen Start-Stop Alarm system with passenger compartment monitoring

Status: 17.07.2014

## **Opel Zafira**

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Preparing Heater	10	Fuel Standpipe Template for 1.6 Petrol	39

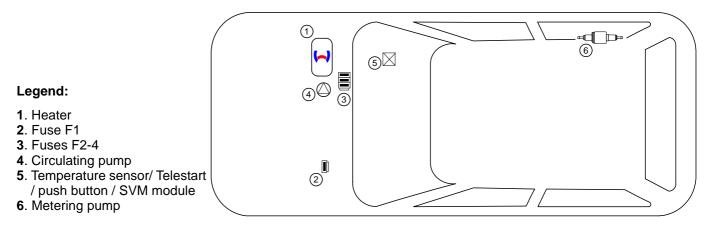
## **Necessary Components**

- Specific delivery scope of *Thermo Top Evo* petrol or diesel: GM parts No. for petrol: 13 437 784 GM parts No. for diesel: 13 437 785
- Installation kit for Opel Zafira 2011 Petrol and diesel GM parts No.: 13 437 789

### Note:

Heater control, Telestart T100 and push button are included in the installation kit.

## **Installation Overview**



## Notes 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.

## **Opel Zafira**

## **Notes on Validity**

This installation documentation applies to the Opel Zafira Petrol and diesel vehicles - for validity, see page 1 - from model year 2011 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 Instructions**

#### **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
- · Webasto Thermo Test diagnosis with current software

#### Dimensions

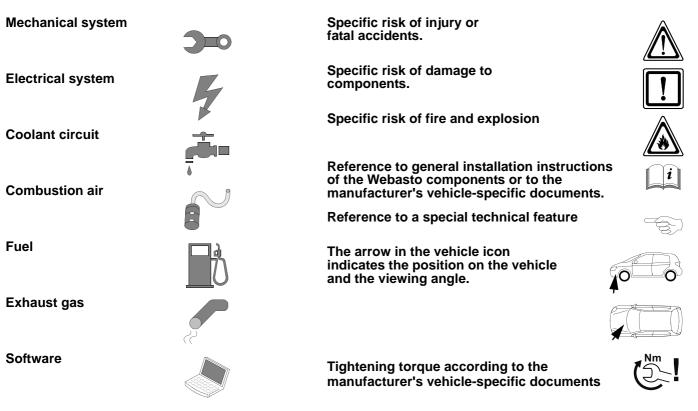
• All dimensions are in mm

#### **Tightening torque values**

- Tightening torque values of 5x13 heater bolts = 8Nm.
- Tightening torque of 5x15 bolt of water connection piece retaining plate = 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. Special features are highlighted using the following symbols:



Ident. No.: 1319152B\_EN

## **Opel Zafira**

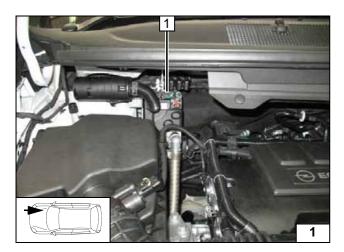
## **Preliminary Work**

#### Vehicle

- Open the fuel tank cap.
- Ventilate the fuel tank.
- Close the fuel tank cap again.
- Depressurise the cooling system.
- Disconnect the battery.
- Completely remove the air filter.
- Remove the windscreen wiper.
- Remove the coolant reservoir cap.
- Remove the coolant reservoir.
- Remove the windscreen wiper motors (left and right).
- Remove the upper engine cover (not in case of 1.4 petrol).
- · Remove the insulation mat of the firewall on the right.
- Remove the right wheel.
- Loosen the right wheel-well inner panel.
- Remove the fuel-tank (petrol only).
- Remove the footwell trim on the front passenger's side.
- Remove the lower glove compartment.
- Remove the lateral instrument panel trim of the centre console on the driver's and front passenger's side.
- Remove the A-pillar trim on the front passenger's side.

#### Heater

• Remove dates that do not apply from the type and duplicate label.



## **Heater Installation Location**

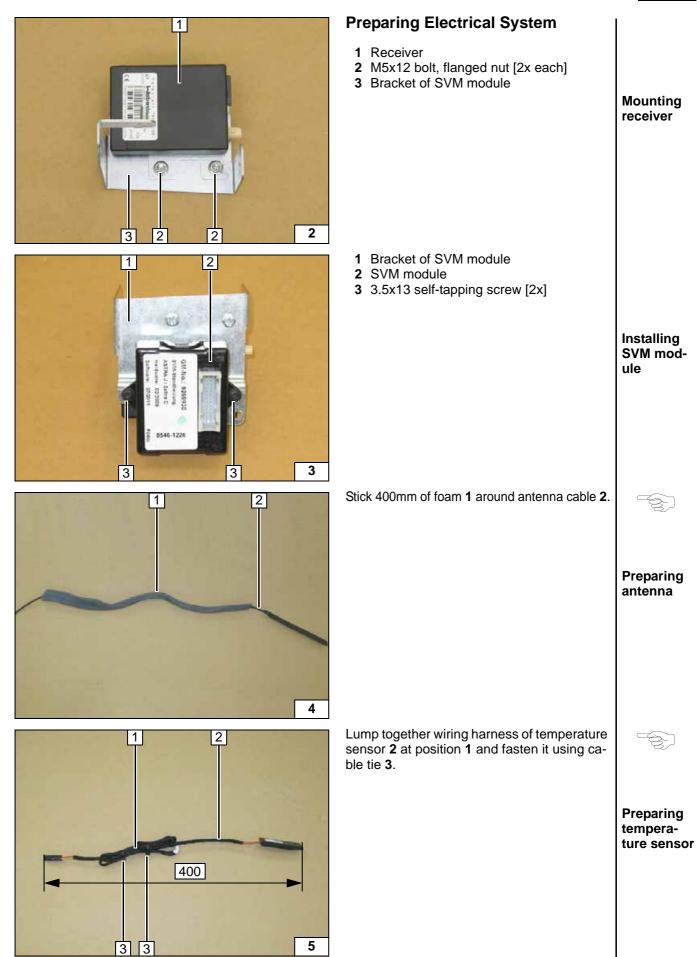
Figure shows petrol vehicle.

1 Heater

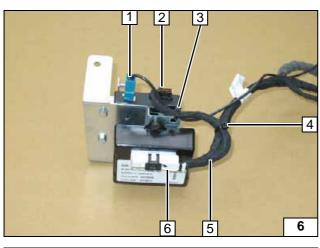


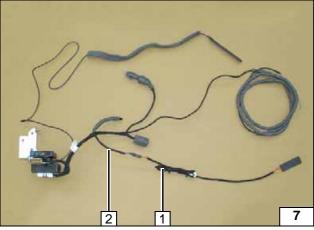
## Installation location

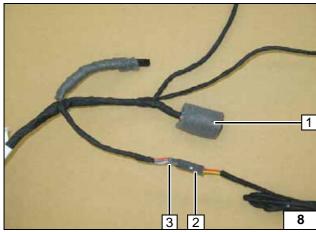


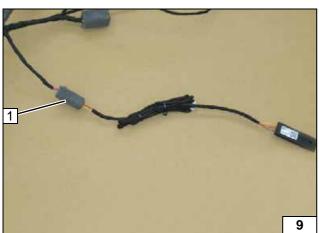












- 1 Connector of antenna
- 2 Connector of receiver
- 3 Cable tie through hole of bracket
- 4 Cable tie

lowing image).

5 Wiring harness of passenger compartment

Attach temperature sensor 1 to wiring harness of passenger compartment 2 (see fol-

6 Connector of SVM module

Connecting passenger compartment wiring harness

Connecting passenger compartment wiring harness

Connecting passenger compartment wiring harness

Preparing passenger compartment wiring harness

Stick 40mm of foam **1** around connector of passenger compartment wiring harness with engine compartment wiring harness.

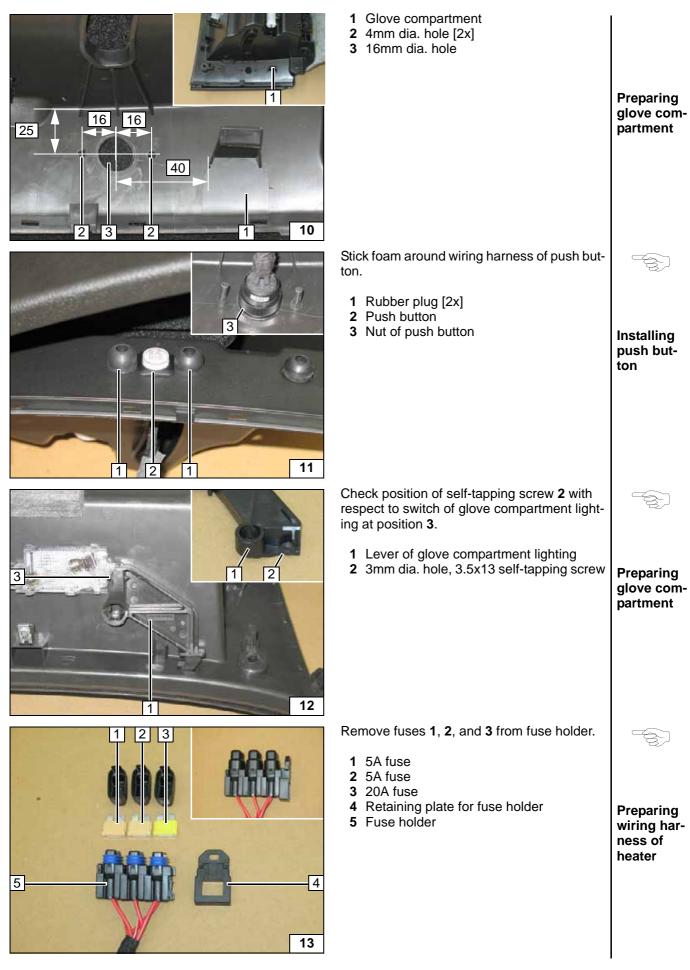
- 2 Connector of temperature sensor
- 3 Connector of passenger compartment wiring harness (assigned 3x)

Stick 40mm of foam 1 around connector of

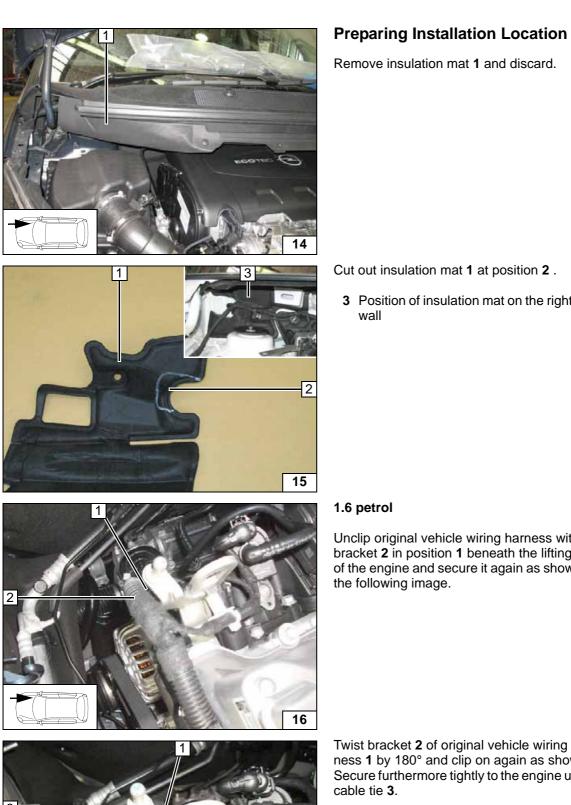
temperature sensor.

Ident. No.: 1319152B\_EN









Cut out insulation mat  ${\bf 1}$  at position  ${\bf 2}$  .

3 Position of insulation mat on the right fire-

Unclip original vehicle wiring harness with bracket 2 in position 1 beneath the lifting lug of the engine and secure it again as shown in

Twist bracket 2 of original vehicle wiring harness 1 by 180° and clip on again as shown. Secure furthermore tightly to the engine using

Removing insulation

mat

**Cutting in**sulation mat to size



**Reposition**ing original vehicle wiring harness



**Reposition**ing original vehicle wiring harness



17

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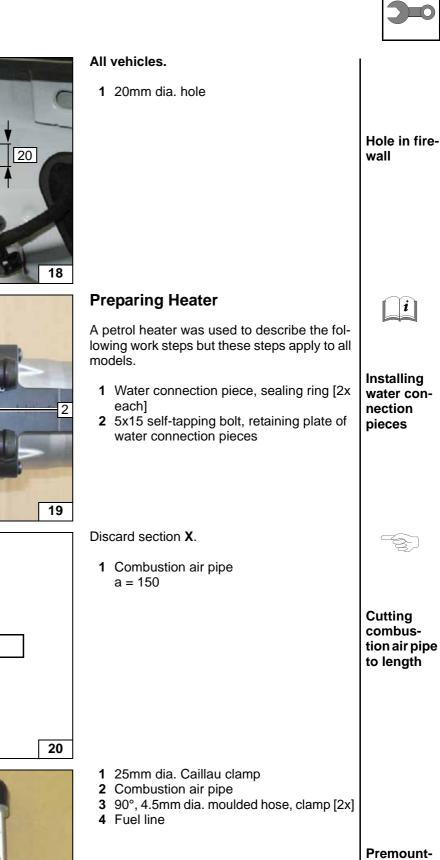
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Premounting heater

4

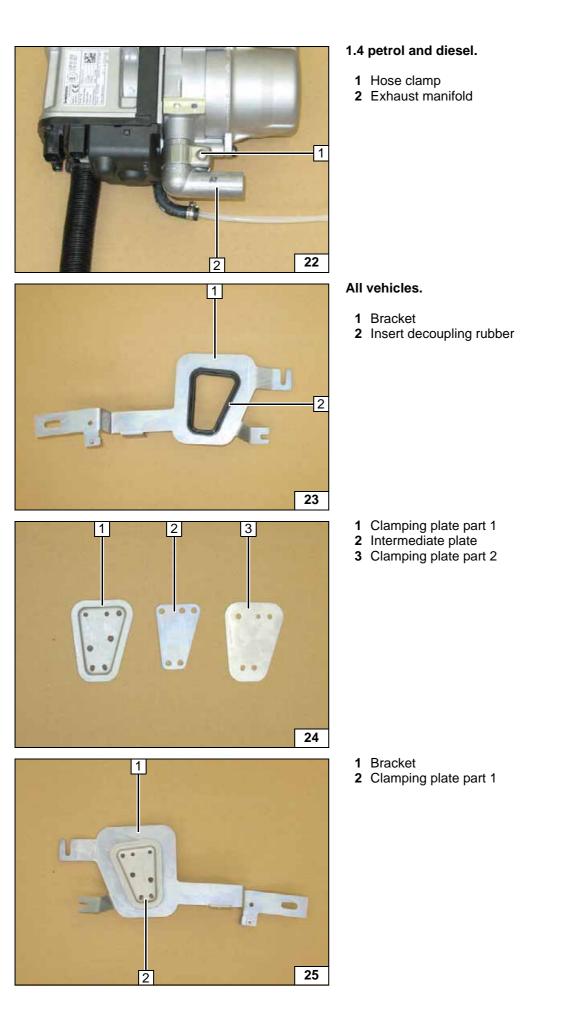
3

1

2

21



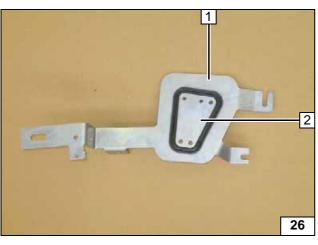


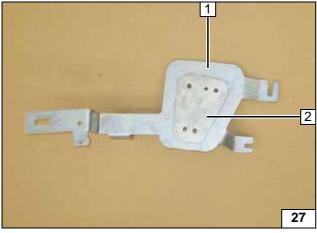
Premounting exhaust elbow

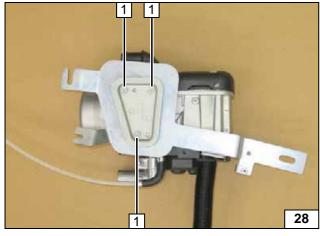
Preparing bracket

Preparing bracket

Preparing bracket





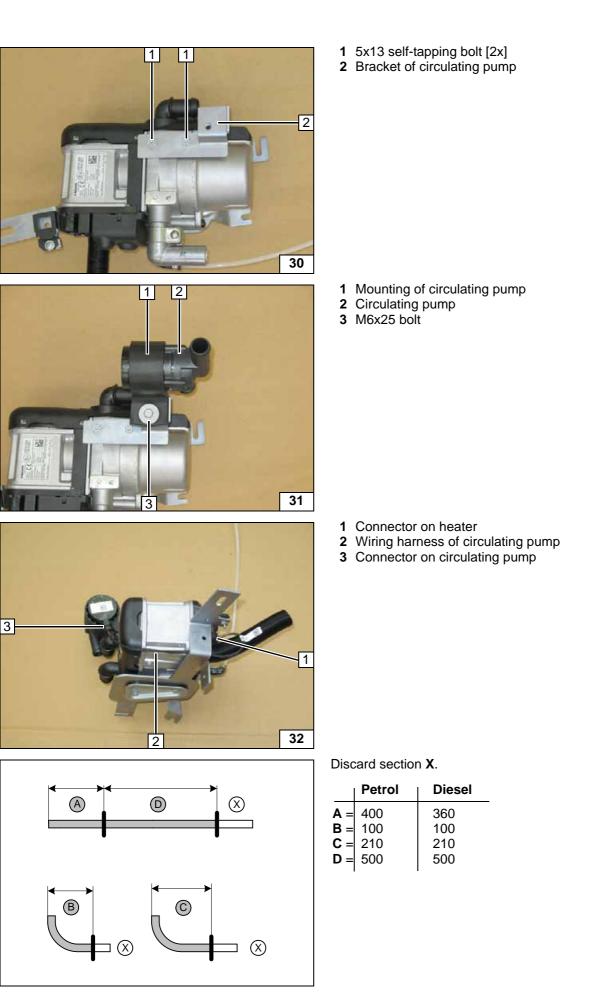




1 2	Bracket Intermediate plate	
		Preparing bracket
	Bracket Clamping plate part 2	Preparing bracket
1	5x13 self-tapping bolt [3x]	
		Mounting bracket
1 2	M4x12 bolt, large diameter washer, nut Retaining plate for fuse holder	1
		Installing retaining plate of fuse holder



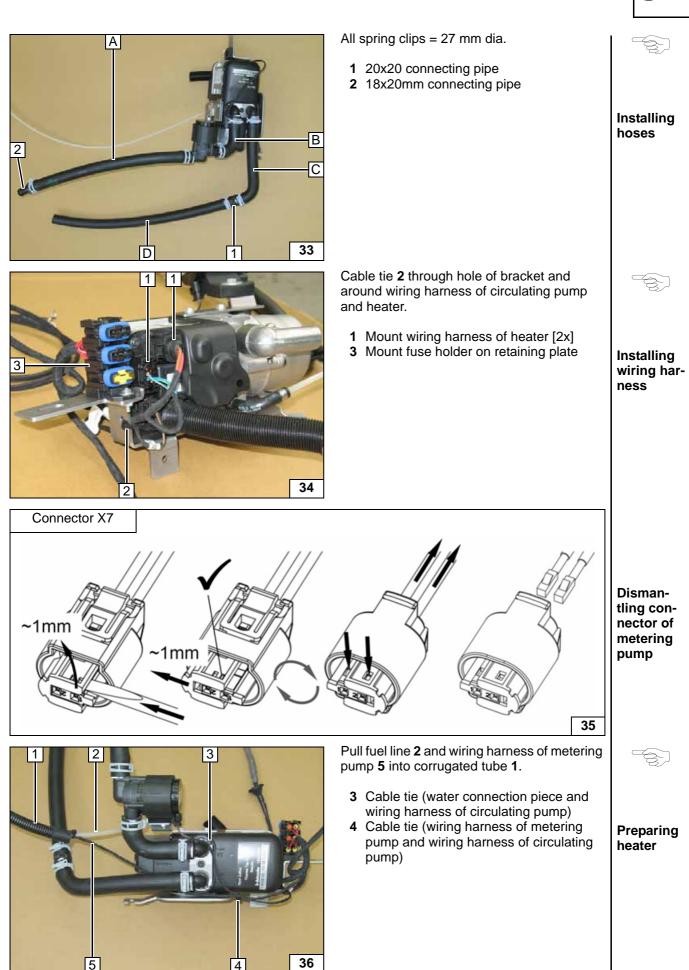
Installing bracket of circulating pump



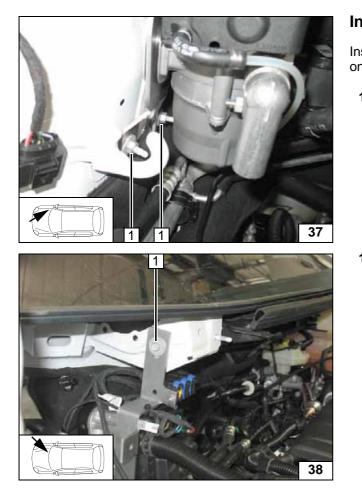
Installing

Cutting hoses to length









## Installing Heater

	ert between bracket and body at positon <b>1</b> large diameter washer each.	
1	Large diameter washer, flanged nut [2x each]	Mounting heater
1	M6x16 bolt, large diameter washer, origi- nal vehicle threaded hole	
		Mounting heater

## **Electrical System**

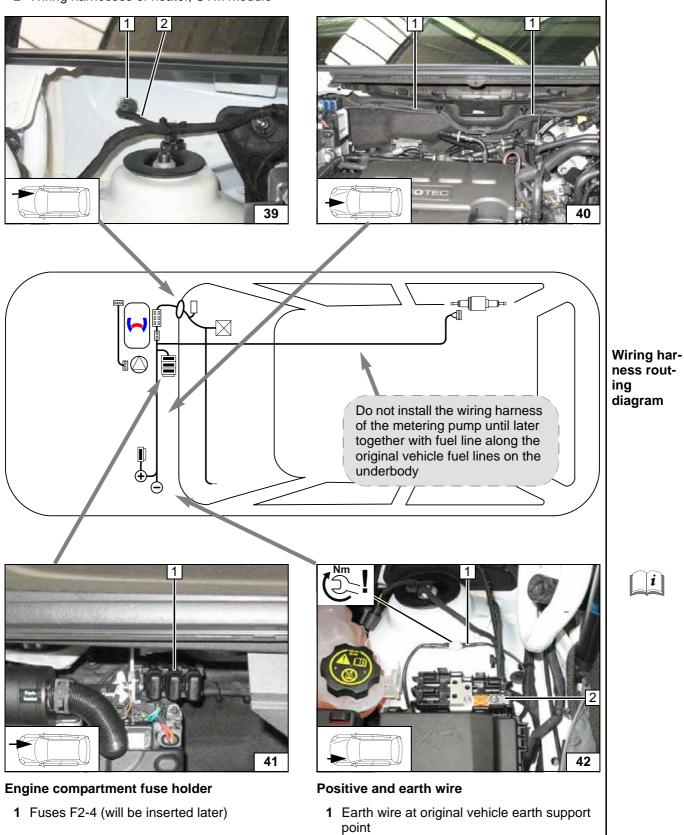
#### Wiring harness pass through

- **1** Protective rubber plug
- 2 Wiring harnesses of heater, SVM module

### Wiring harness routing

1 Fasten wiring harness of heater to original vehicle wiring harness with cable tie



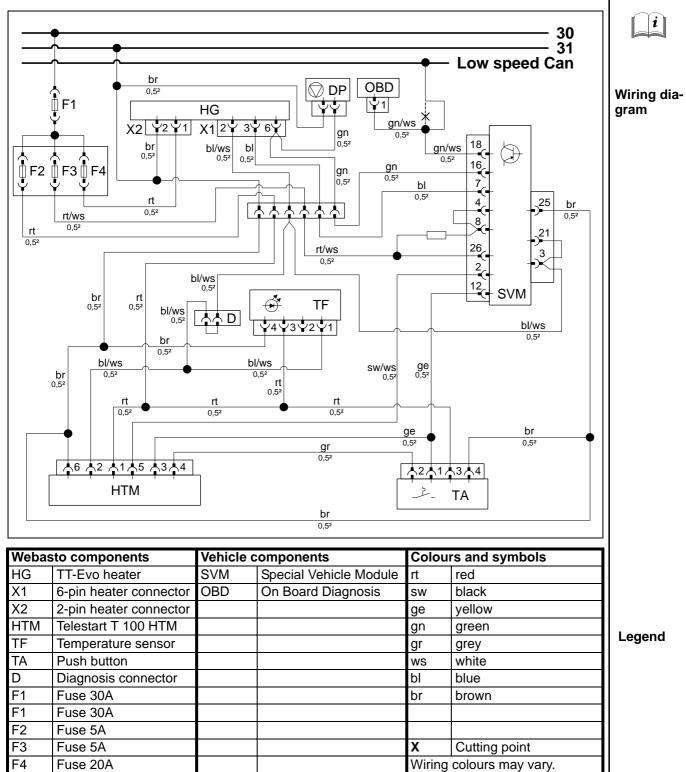


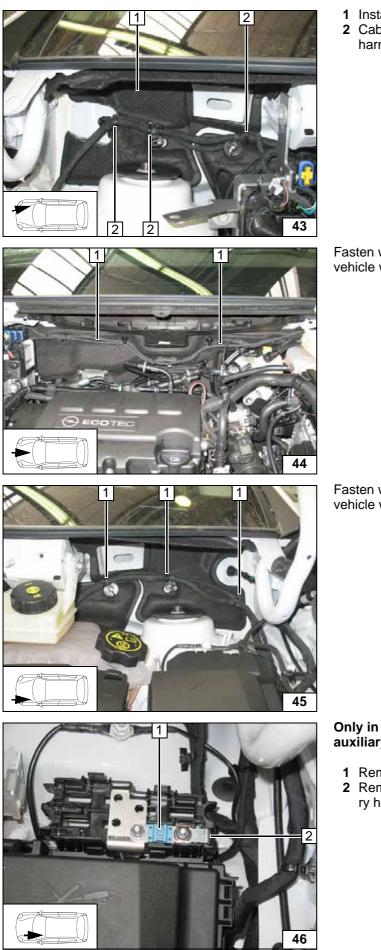
2 Positive wire on positive support point





## **Vehicle-Specific Wiring Harness**







- 1 Install insulation mat
- 2 Cable tie [3x] on original vehicle wiring harness



Wiring harness routing

Fasten wiring harness of heater **1** to original vehicle wiring harness with cable tie.



Wiring harness routing

Fasten wiring harness of heater **1** to original vehicle wiring harness with cable tie.

Wiring harness routing

## Only in case of vehicles with electrical auxiliary heater

- 1 Remove 100A fuse
- 2 Remove positive wire of electrical auxiliary heater, insulate and tie it back

!

Connection of positive support point



Connection of pos-

Preparing installation

location of SVM mod-

Installing SVM mod-

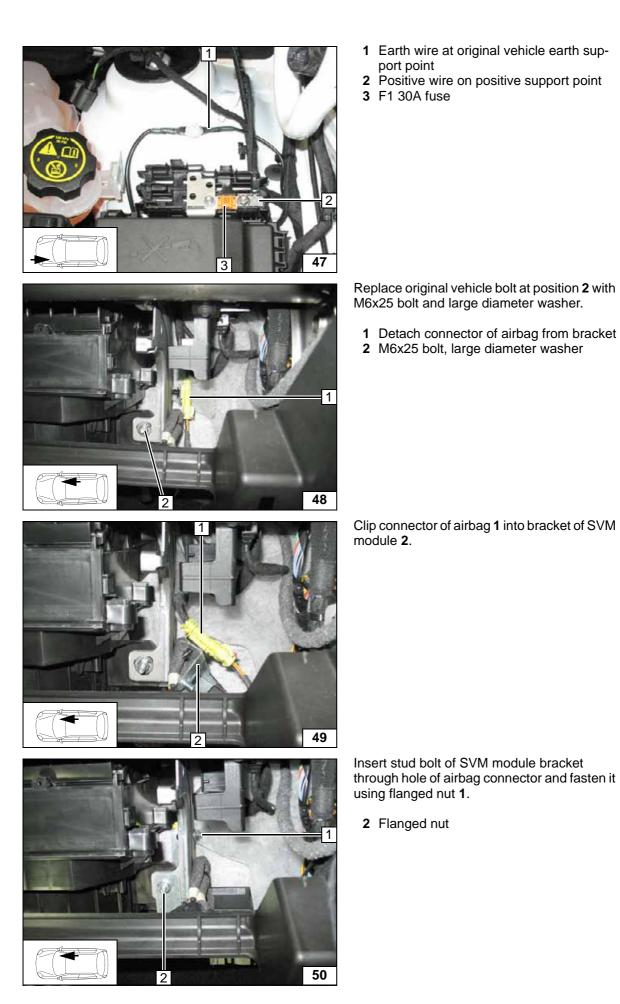
Installing SVM mod-

ule

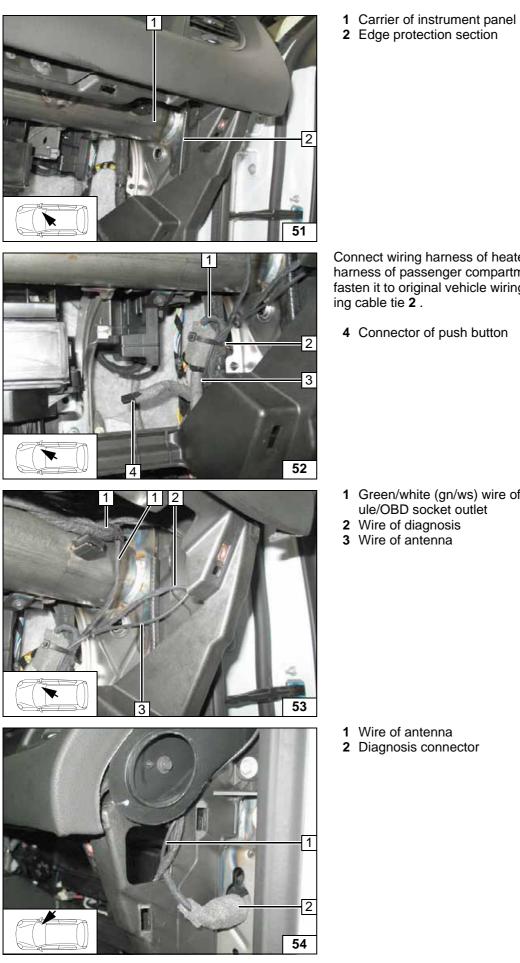
ule

ule

itive support point







	Installing edge pro- tection
harness of heater <b>1</b> to wiring senger compartment <b>3</b> and inal vehicle wiring harness us- of push button	Connect- ing the wir- ing harnesses
te (gn/ws) wire of SVM mod- ocket outlet agnosis tenna	Wiring har- ness rout- ing
tenna connector	Wiring har- ness rout- ing



Wiring harness rout-

Wiring harness rout-

Wiring harness rout-

Connec-

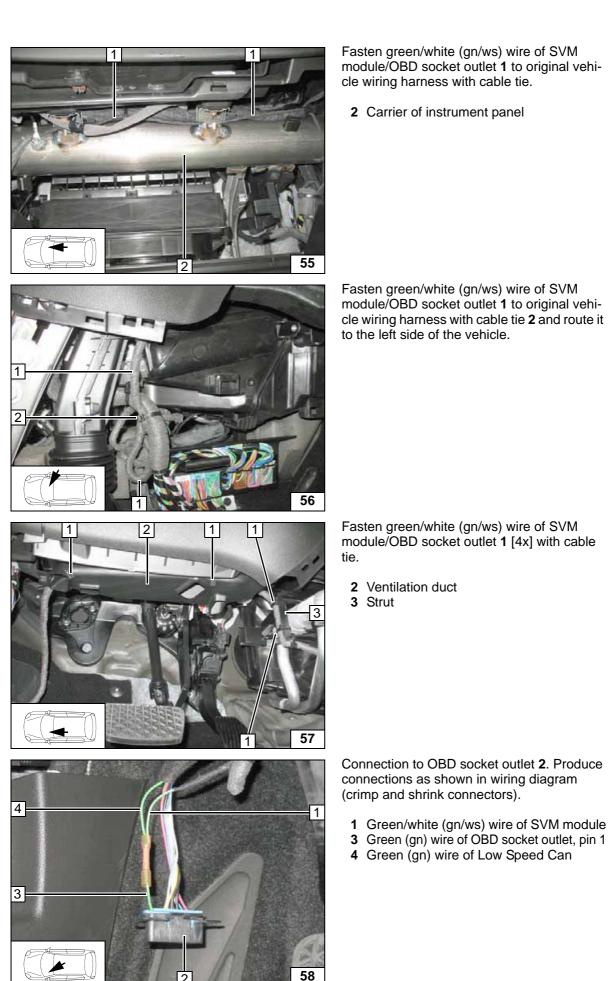
let

tion of OBD socket out-

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Installing push but-

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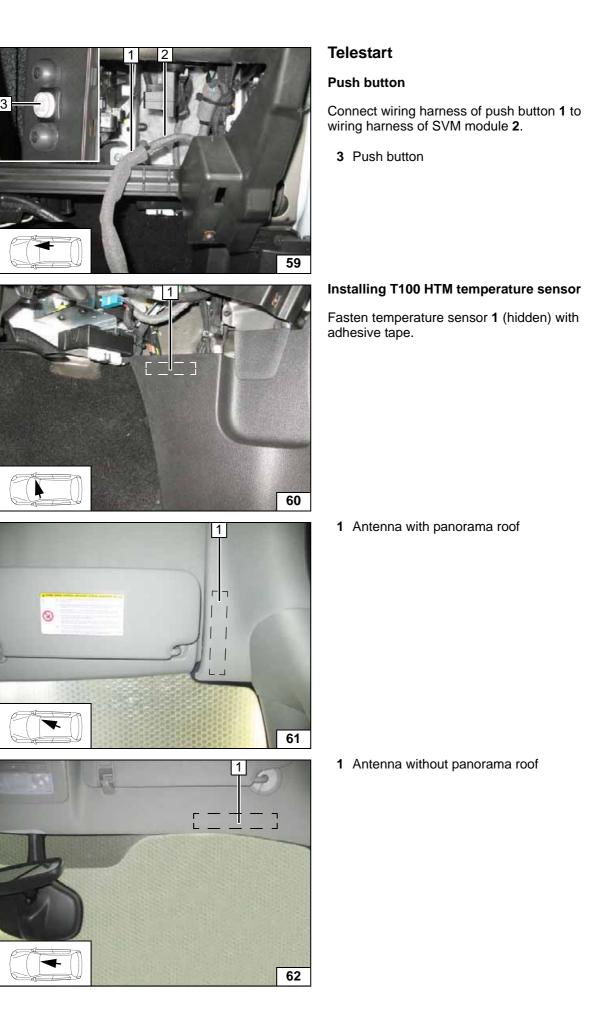
Installing temperature sensor

Mounting

Mounting antenna

antenna

ton



### Fuel

#### **CAUTION!**

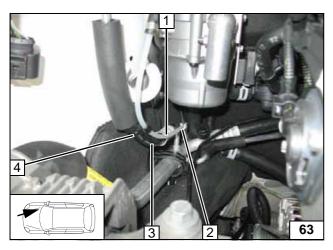
Open the vehicle's fuel tank cap, ventilate the tank and then re-close the tank lock.

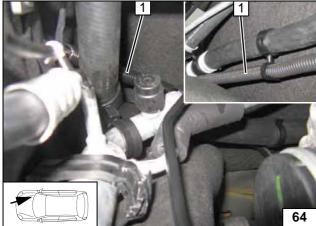
Catch any fuel running off with an appropriate container.

Install fuel line and metering pump wiring harness so that they are protected against stone impact. Unless specified otherwise, always fasten using cable ties. 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 Fuel line
- 2 5x8mm hose bracket
- 3 A/C line
- **4** 5x14.5mm hose bracket

- 1 Fuel line, wiring harness of metering
  - pump in corrugated tube

el line and wiring harness of meter-

Fasten fuel line and wiring harness of metering pump in corrugated tube **1** to the original vehicle fuel lines with cable tie.

> Routing lines



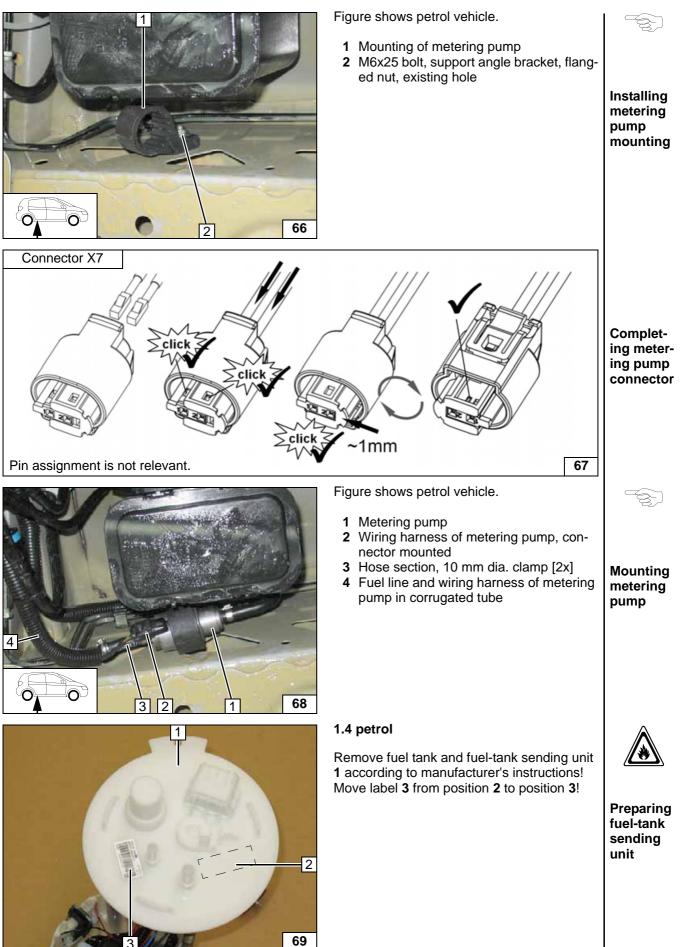




Routing lines

Routing lines







1 Copy hole pattern, 6 mm dia. hole



Fuel extraction

Shape fuel standpipe 1 according to template

Use clamp nut 3 provided with the kit. The nut with plastic safeguard supplied with the fuel

**2** Washer with outer dia. = 21.6mm



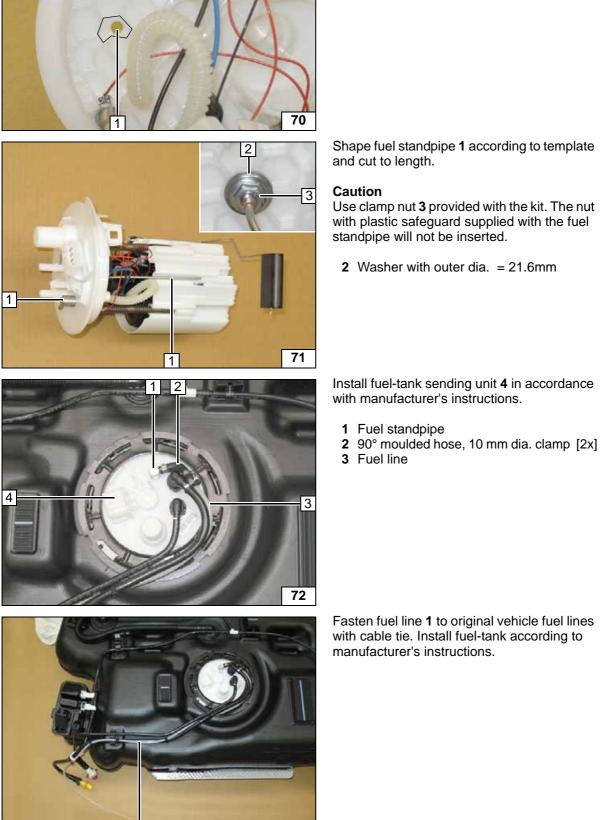
Installing fuel standpipe



Installing fuel standpipe



Routing fuel line



1

73



Preparing

fuel-tank sending

i

Installing

Routing fuel line

*i* ]

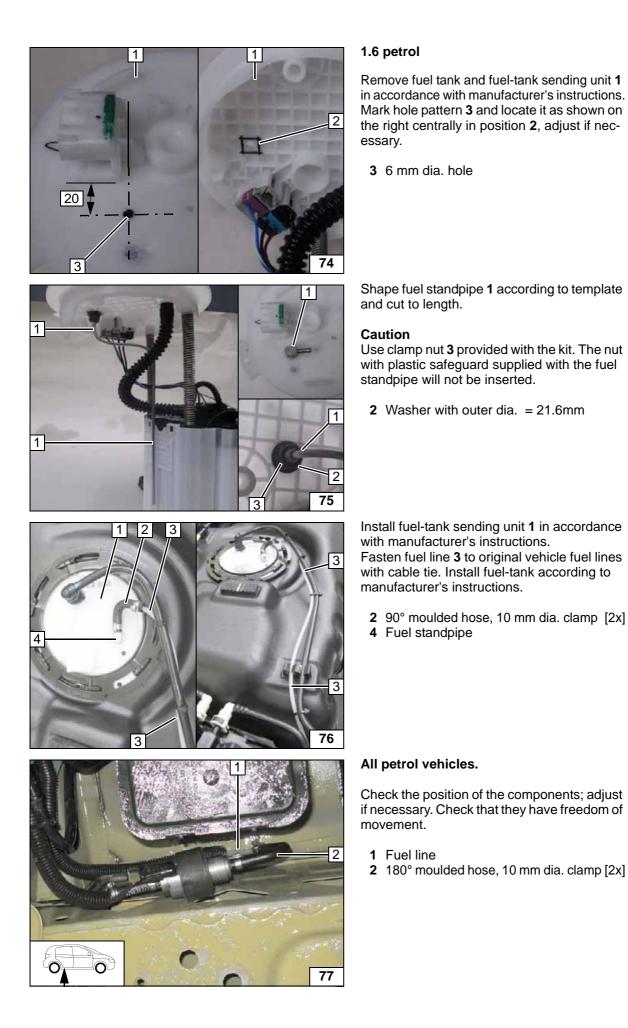
**Connect-**

ing meter-

ing pump

fuel standpipe

unit





Fuel extraction

Cutting moulded hose to length

i

Installing fuel stand-

Connecting metering pump

pipe

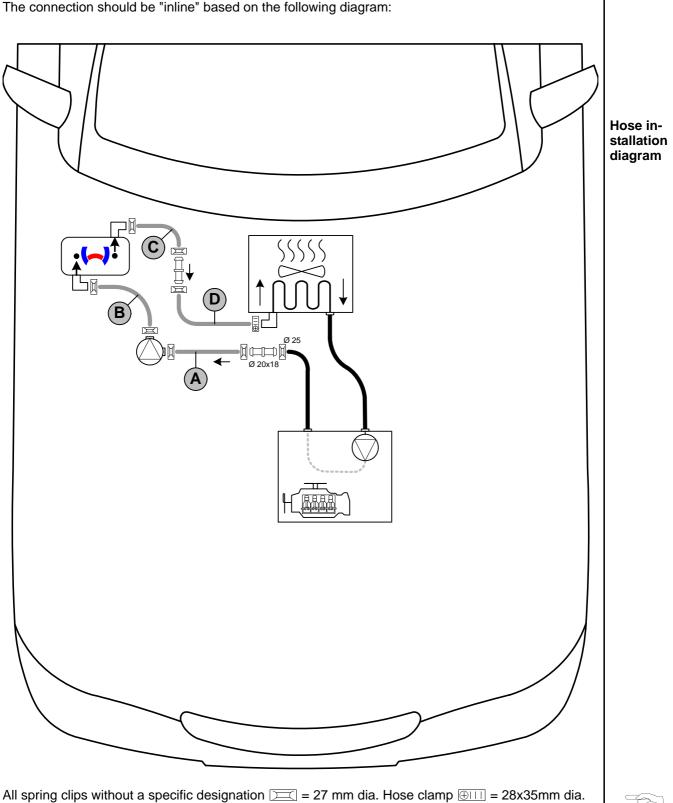
<b>Diesel</b> Separate fuel return line <b>1</b> at the markings [2x]. Discard section. Insert 8mm dia. support sleeve [2x] into both wire ends.
<ul> <li>1 Discard hose section [2x]</li> <li>a 120mm, 90°, 9.5mm dia. moulded hose section</li> <li>b 40mm, 9.5mm, dia. moulded hose section</li> </ul>
<ol> <li>Moulded hose section b, support sleeve, 15.5mm clamp [2x]</li> <li>10x5x10mm fuel standpipe</li> <li>Moulded hose section a, support sleeve, 15.5mm clamp [2x]</li> <li>Original vehicle wiring harness</li> <li>12x15mm hose bracket</li> <li>Fuel line</li> <li>Hose section, 10 mm dia. clamp [2x]</li> </ol>
Check the position of the components; adjust if necessary. Check that they have freedom of movement. <b>1</b> Fuel line <b>2</b> 180° moulded hose, 10 mm dia. clamp [2x]



#### WARNING!

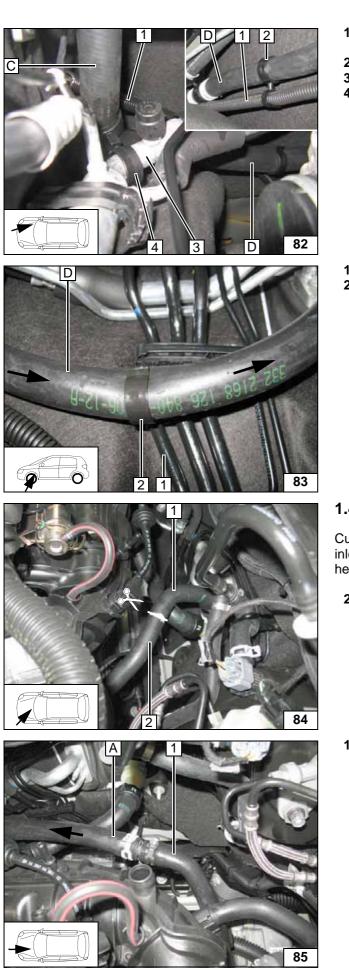
Any coolant running off should be collected using an appropriate container. Route coolant hoses kinkfree. Unless specified otherwise, always fasten using cable ties. Position clamps so that no other hose can be damaged. The heater must be filled with coolant when installing the hoses. The connection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





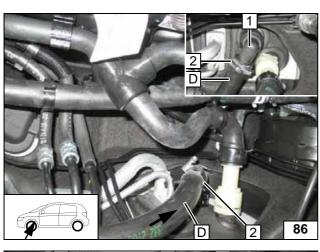
Undesignated connecting pipe  $(\Box\Box) = 20x20mm$  dia. All hose brackets not designated in the following section = lockable twice 25-27.

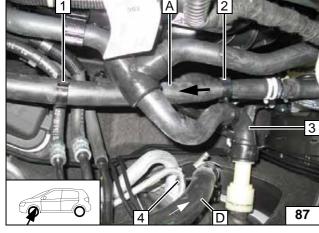


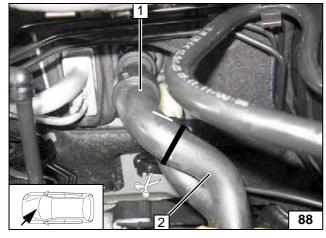


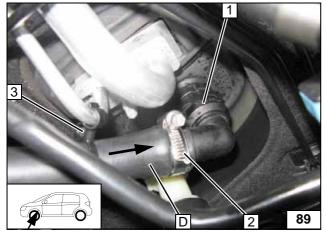
	•
<ol> <li>Fuel line, wiring harness of metering pump in corrugated tube</li> <li>14x27mm hose bracket</li> <li>A/C line</li> <li>Hose bracket</li> </ol>	
<ol> <li>Prose bracket</li> <li>1 Original vehicle fuel line</li> <li>2 8x27mm hose bracket</li> </ol>	Routing lines
	Routing
.4 Petrol	- <u>5</u>
ut the engine outlet hose / heat exchanger let at the marking. Remove hose section of eat exchanger inlet <b>1</b> and discard.	
2 Engine outlet hose section	Cutting point
1 Engine outlet hose section	
	Connect- ing engine outlet



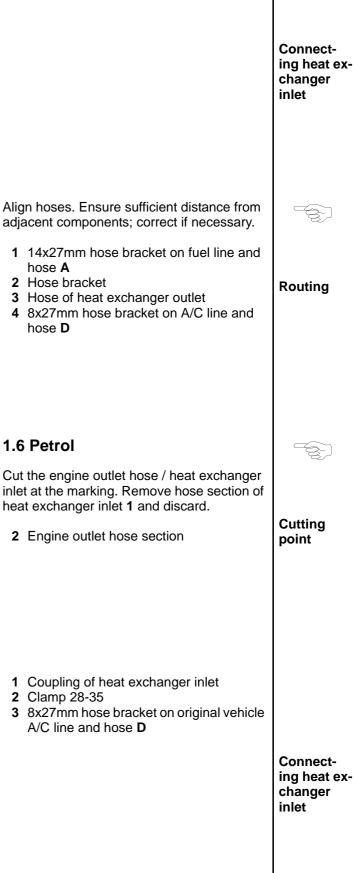




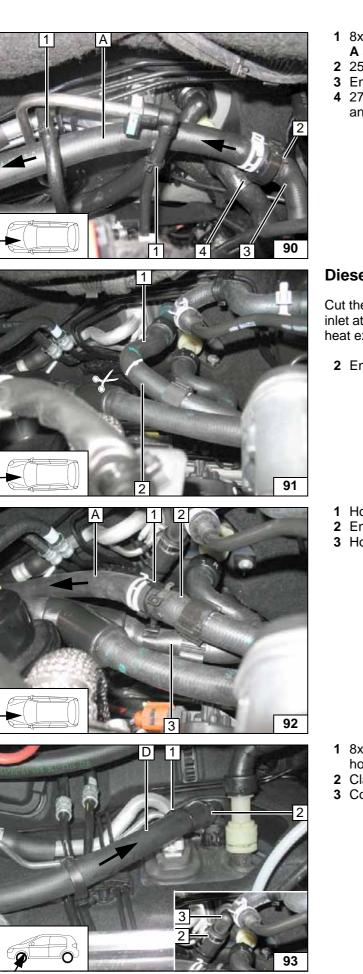




Coupling of heat exchanger inlet
 Clamp 28-35







- **2** 25 mm dia. spring clip
- 3 Engine outlet hose section
- 4 27x27mm hose bracket between hose A and heat exchanger outlet hose

**Connect**ing engine outlet

Cutting

point

### Diesel

Cut the engine outlet hose / heat exchanger inlet at the marking. Remove hose section of heat exchanger inlet 1 and discard.

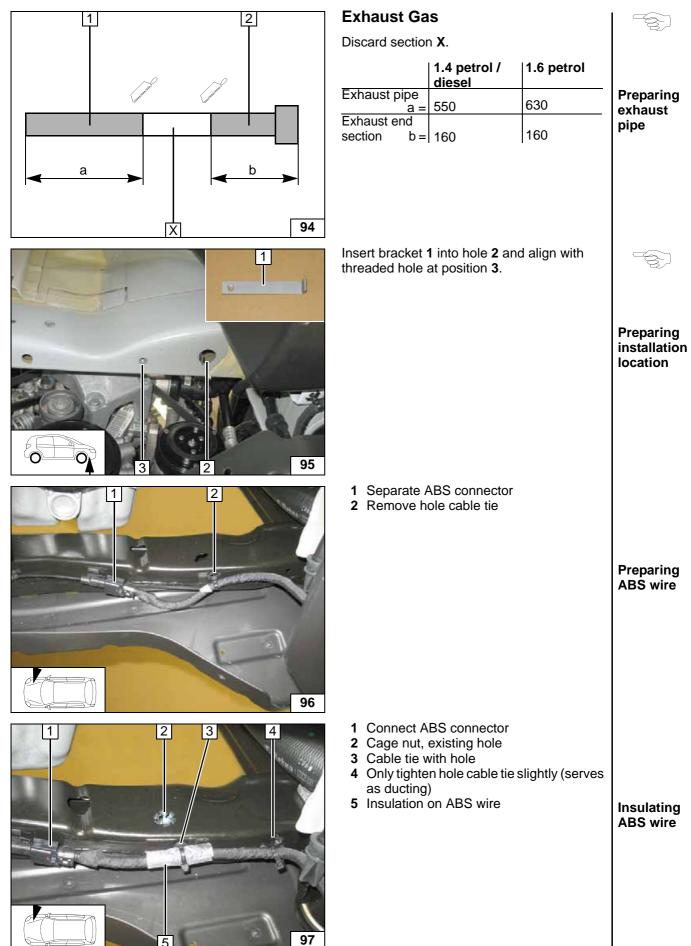
2 Engine outlet hose section

- 1 Hose bracket
- 2 Engine outlet hose section
- **3** Hose of heat exchanger outlet
- **Connect**ing engine outlet

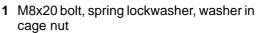
- 1 8x27mm hose bracket on A/C line and hose D
- 2 Clamp 28-35
- 3 Coupling of heat exchanger inlet

**Connect**ing heat exchanger inlet









2 Bracket of exhaust end section

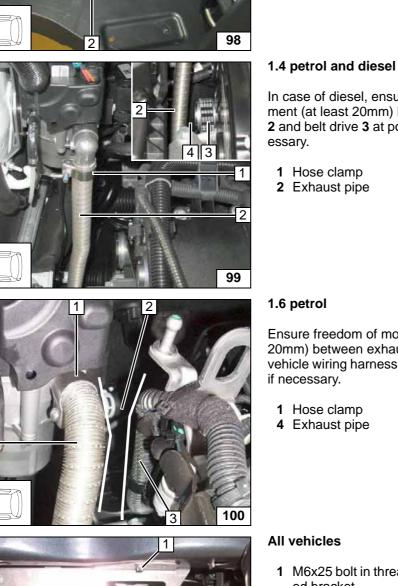
Installing bracket of exhaust end section

Mounting exhaust

Mounting exhaust

pipe

pipe



In case of diesel, ensure freedom of movement (at least 20mm) between exhaust pipe 2 and belt drive 3 at position 4, correct if nec-

Ensure freedom of movement (at least 20mm) between exhaust pipe 4 and original vehicle wiring harness 3 at position 2, correct

- 1 M6x25 bolt in threaded hole of premounted bracket
- 2 M6x16 bolt, flanged nut
- 3 Silencer

Installing silencer

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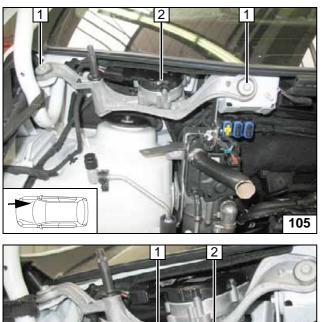
Mounting exhaust pipe and exhaust end section

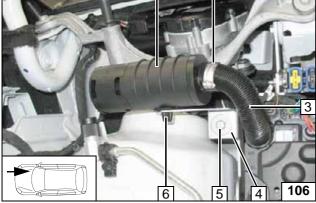
Hole in underride protection

Align exhaust end section **1** in the middle of the hole and flush on underride protection **2**.

Aligning exhaust end section







## **Combustion Air**

- 1 Original vehicle bolt [2x]2 Windscreen wiper motor

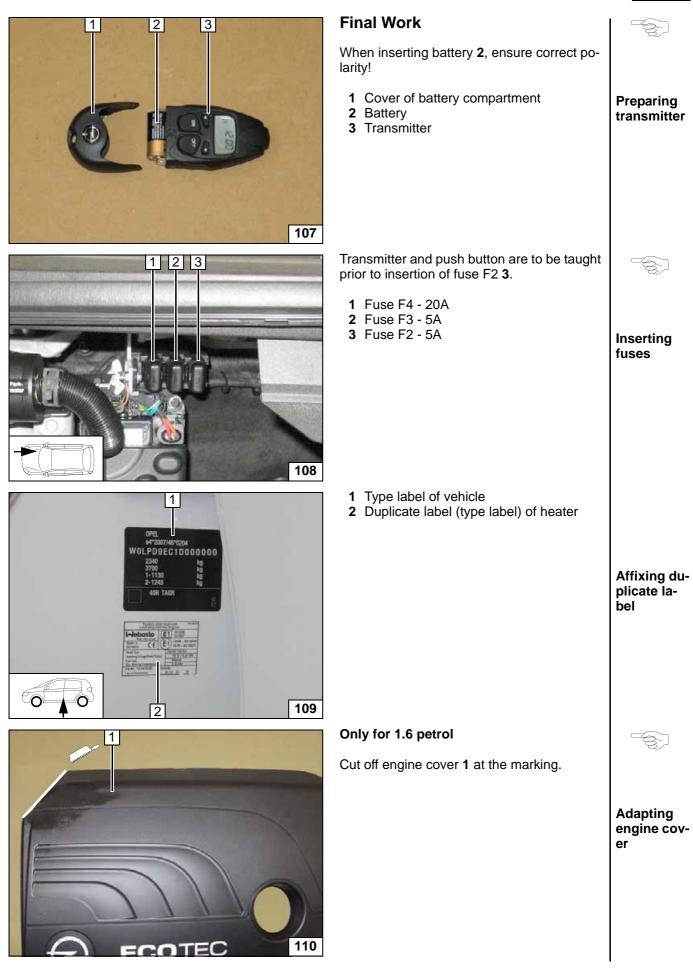
Installing windscreen wiper motor

- 1 Silencer
- 2 25mm dia. Caillau clamp
- 3 Combustion air pipe
- 4 Bracket of combustion air
- 5 M6x20 bolt, spring lockwasher, large diameter washer, flanged nut
- 6 Retaining clip of silencer in hole

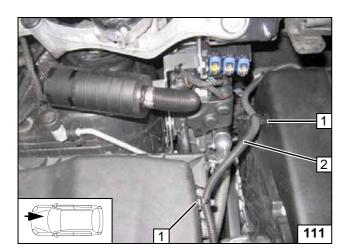


## Installing silencer









### All vehicles

6mm dia. hole at position **1** [2x]. When drilling, watch components located behind. Ensure sufficient distance (min. 20mm) to the exhaust pipe.

- 1 Hole cable tie [2x]
- 2 Wiring harness of air-mass sensor



Fastening wiring harness

#### WARNING!

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

Only use manufacturer-approved coolant. Spray heater components with anti-corrosion wax (Tectyl 100K, Order No. 111329).

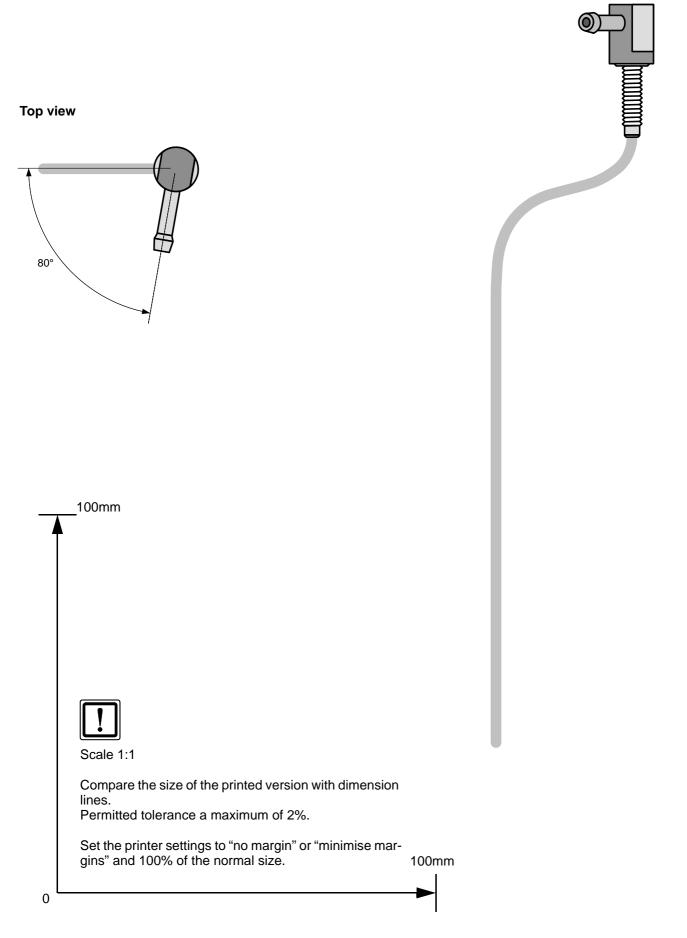
- Connect the battery.
- Fill and bleed the coolant circuit according to the vehicle manufacturer's instructions.
- Make settings on A/C control panel according to the "Operating Instructions for End Customer".
- Place the "Switch off parking heater before refuelling" caution label in the area of the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







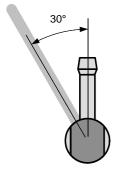
## Fuel Standpipe Template for 1.4 Petrol and Diesel

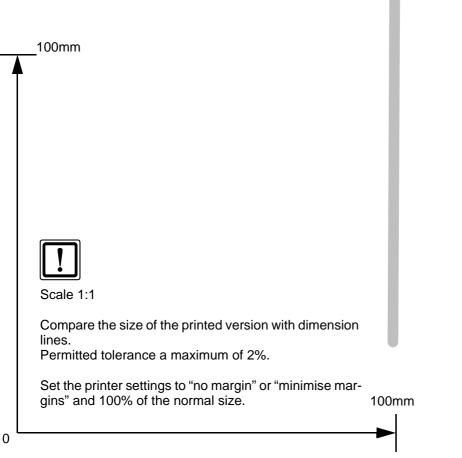


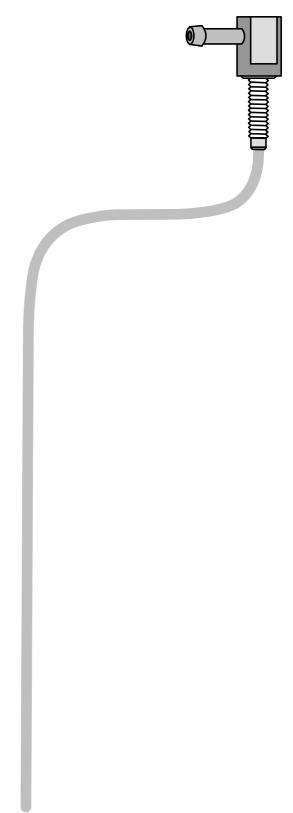


## Fuel Standpipe Template for 1.6 Petrol









D	Änderungen bezüglich Konstruktion, Ausstattung, Farbe sowie Irrtum vorbehalten. Angaben und Abbildungen unverbindlich.
GB	Subject to change in terms of construction, equipment and colour, and may contain errors. The information and illustrations are non-binding.
F	Sous réserve de modifications de la construction, de équipement, de la couleur et sous réserve d'erreurs. Les indications et les illustrations sont sans engagement.
	Wijzigingen met betrekking tot constructie, uitvoering en kleur evenals vergissingen voorbehouden. Gegevens en afbeeldingen niet bindend.
<b>DK</b>	Ændringer med hensyn til konstruktion, udstyr, farver samt fejl forbeholdes. Oplysninger og illustrationer er uforpligtende.
$\bigcirc$	Endringer angående konstruksjon, utstyr, farge og feiltagelse forbeholdes. Opplysninger og illustrasjoner uforbindtlig.
S	Med reservation för ändringar vad det gäller konstruktion, utrustning, färg samt för misstag. Uppgifterna och bilderna är inte bindande.
FIN	Pidätämme oikeuden rakennetta, varustusta, väriä koskeviin sekä erehdyksestä johtuviin muutoksiin. Tiedot ja kuvat eivät ole sitovia.
	Con riserva di modifiche relative a progettazione, dotazione, colore ed errori. Le indicazioni e figure sono fornite sensa impegno.
E	Reservadas las modificaciones respecto a diseño, equipamiento, color, así como error. Indicaciones y figuras sin compromiso.
P	Reservamos o direito de alterações relativamente ao desenho, equipamento, cor, bem como de erro. Os dados e as gravuras não implicam compromisso da nossa parte.
GR	Διατυπώνουμε κάθε επιφύλαξη ως προς αλλαγές σε σχέση με κατασκευή, εξοπλισμό, διαρρύθμιση, χρωματισμούς και λάθη παραδρομής.
CZ	Změny, týkající se konstrukce, vybavení, barvy, jakož i omyly jsou vyhrazeny. Údaje a vyobrazení jsou nezávazné.
PL	Zastrzega się prawo do zmian dot. konstrukcji, wykończenia, kolorystyki oraz pomyłek. Dane i ilustracje niewiążące.
TR	Tasarım, donanım ve renk bakımından değişiklik yapma hakkı ve hata ve eksiklik mahfuzdur. Veriler ve resimler bağlayıcı değildir.
H	A szerkezet, a kivitel és a szín változtatása, valamint a változások joga fenntartva. Az adatok és az ábrák nem kötelelző érvényűek.
HR	Pravo promjena u svezi konstrukcije, opreme, boje kao i zabune oridžavamo. Podaci i ilustracije
BUL	Запаэени права по отношение на конструкцията, обэавеждането, џвета и грешки. Данните и иэображенията не са обвърэващи.
RO	Ne rezervăm dreptul unor modificări ale construcțieu, dotării, culorii și dreptul la erori Datele indicate și imaginile sunt orientative.
RUS	Права на внесение иэменений относительно конструкции, оснащения, окраски, а также на ошибки сохраняются. Данные и иллюстрации имеют примерный характер.
	Pasiliekama konstrukcijos, įrangos bei reikmenų, spalvos pakeitmų ir klaidų teisė. Duomenys ir ilistracijos neįpareigojantys.
(LV)	Tiek paturētas tiesības uz konstrukcijas, iekārtu, krāsu izmaiņām, kā arī kļūdīšanos. Dati un attēli bez saistībām.
EST	Konstruktsiooni, varustuse ja værvi osas muudatused ning eksimine lubatud. Andmed ja joonised on mittesiduvad.
(SLO)	Zadržana pravica do sprememb glede konstrukcije, opreme, barve ter pomote. Podatki in slike so neobvezne.
SK	Zmeny, ktoré sa týkajú konštrukcie, vybavenia, farby, ako aj omyly sú vyhradené. Údaje a zobrazenia sú nezáväzné.
	構造、装備、色に関しての変更、または間違いがある可能性があります。 記載事項および図に関して責任を負いません。
ROK	구조, 장치, 색채와 그외 오류점의 변경 보류함. 지시 사항과 사진들에 관해 책임을 지지 않음.
THA	อาจมีการเปลี่ยนแปลงแก้ไขในแง่ของโครงสร้าง อุปกรณ์ และสี และอาจมีข้อผิดพลาดได้ ข้อมูลและภาพประกอบไม่ถือเป็นข้อผูกมัด
VR	保留设计、配置、颜色以及错误的修改权。 给出的资料和插图均没有法律约束力。
(VR)	保留設計、配置、顏色以及錯誤的修改權。 給出的資料和插圖均沒有法律約束力。

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