

	D	Änderungen bezüglich Konstruktion, Ausstattung, Farbe sowie Irrtum vorbehalten. Angaben und Abbildungen unverbindlich.	D	Einbauanleitung
X	GB	Subject to change in terms of construction, equipment and colour, and may contain errors. The information and illustrations are non-binding.	GB	Installation instructions
	F	Sous réserve de modifications de la construction, de l'équipement, de la couleur et sous réserve d'erreurs. Les indications et les illustrations sont sans engagement.	F	Consignes de montage
	NL	Wijzigingen met betrekking tot constructie, uitrusting en kleur evenals vergissingen voorbehouden. Gegevens en afbeeldingen niet bindend.	NL	Montagehandleiding
	DK	Ændringer med hensyn til konstruktion, udstyr, farver samt fejl forbeholdes. Oplysninger og illustrationer er uforpligtende.	DK	Montagevejledning
	N	Endringer angående konstruksjon, utstyr, farge og feiltagelse forbeholdes. Opplysninger og illustrasjoner uforbindtlig.	N	Monteringsinstruksjon
	S	Med reservation för ändringar vad det gäller konstruktion, utrustning, färg samt för misstag. Uppgifterna och bilderna är inte bindande.	S	Installationsanvisning
	FIN	Pidätämme oikeuden rakennetta, varustusta, väriä koskeviin sekä erehdykseenä johtuviin muutoksiin. Tiedot ja kuvat eivät ole sitovia.	FIN	Asennusohje
	I	Con riserva di modifiche relative a progettazione, dotazione, colore ed errori. Le indicazioni e figure sono fornite senza impegno.	I	Istruzioni per il montaggio
	E	Reservadas las modificaciones respecto a diseño, equipamiento, color, así como error. Indicaciones y figuras sin compromiso.	E	Instrucciones de montaje
	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.	P	Instruções de montagem
	GR	Διατηνούμε κάθε επιφύλαξη ως προς αλλαγές σε σχέση με κατασκευή, εξοπλισμό, διαρρύθμιση, χρωματισμούς και λάθη παραδρομής.	GR	Οδηγίες εγκατάστασης
	CZ	Změny, týkající se konstrukce, vybavení, barvy, jakož i omyly jsou vyhrazeny. Údaje a vyobrazení jsou nezávazné.	CZ	Návod k montáži
	PL	Zastrzega się prawo do zmian dot. konstrukcji, wyposażenia, kolorystyki oraz pomylek. Dane i ilustracje niewiążące.	PL	Instrukcja montażu
	TR	Tasarım, donanım ve renk bakımından değişiklik yapma hakkı ve hata ve eksiklik mahfuzdur. Veriler ve resimler bağlayıcı değildir.	TR	Montaj talimatı
	H	A szerkeszt, a kivétel és a szín változtatása, valamint a változások joga fenntartva. Az adatok és az ábrák nem kötelező érvényűek.	H	Beépítési útmutató
	HR	Pravo promjena u svezi konstrukcije, opreme, boje kao i zabune ostavljammo. Podaci i ilustracije su neobavezne.	HR	Upute o ugradnji
	BUL	Запазени права по отношение на конструкцията, оборудването, цвета и грешки. Данните и изображенията не са обвързващи.	BUL	Инструкция за монтаж
	RO	Ne rezervăm dreptul unor modificări ale construcției, dotării, culorii și dreptul la erori. Datele indicate și imaginile sunt orientative.	RO	Instrucțiuni de montaj
	RUS	Права на внесение изменений относительно конструкции, оснащения, окраски, а также на ошибки сохраняются. Данные и иллюстрации имеют примерный характер.	RUS	Инструкция по монтажу и установке
	LT	Pasilekama konstrukcijos, rangos bei reikmenų spalvos pakeltimų ir klaidų teisė. Duomenys ir iliustracijos nepareigojantys.	LT	Montavimo informacija
	LV	Tiek paturēšas tiesības uz konstrukcijas, iekārtu, krāsu izmaiņām, kā arī kļūdītānos. Dati un attēli bez saistībām.	LV	Iemontēšanas pamācība
	EST	Konstruktsioonil, varustuse ja vööri osas muudatused ning eakimine lubatud. Andmed ja joonised on mitteisiduvad.	EST	Paigaldusjuhend
	SLO	Zadržana pravica do sprememb glede konstrukcije, opreme, barve ter pomote. Podatki in slike so neobvezne.	SLO	Navodilo za vgradnjo
	SK	Zmeny, ktoré sa týkajú konštrukcie, vybavenia, farby, ako aj omyly sú vyhradené. Údaje a zobrazenia sú nezáväzná.	SK	Montážny návod

Air Heater Unit



Air Top 3500 ST D Additional Heater  00 0015

Installation Instructions

Opel Movano

Diesel
from Model Year 2007
Left-hand drive vehicle
Vehicles without partition wall



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.

Table of Contents

Validity	2	Recirculating air intake	12
Heater Unit/Delivery Scope	3	Exhaust system	14
Foreword	3	Combustion air	15
General Instructions	3	Fuel Connection	16
Special Tools	3	Electrical Connections	19
Explanatory Notes on Document	4	Connection Diagram for Combination Timer and	
Preliminary Work	5	Telestart	20
Heater unit installation location	5	Remote option (Telestart)	22
Preparing installation location	6	Heater control option	21
Preparing heater unit	7	Remote option (Telestart)	22
Installing heater unit	7	Installing trim parts	22
Preparing hot air ducting	8	Final Work	24
Preassembling hot air ducting	9	Template for Heater Unit	25
Installing hot air ducting	9		
Installing hot air distribution	10		

Validity

Manufacturer	Model	Type	EG-BE No./ABE
Opel	Movano	J9	e2 * 98/14 * 0130 * ...
Opel	Movano	F9	K155
Opel	Movano	N9	L393

Engine type	Engine model	Output in kW	Displacement in cm ³
G9U	Diesel	74	2463
G9U	Diesel	88	2463
G9U	Diesel	107	2463

Heater Unit/Delivery Scope

Quantity	Description	Order No.:
1	Opel-specific delivery scope AT3500ST D 12V	1311388A

Also required:

Quantity	Description	Order No.:
1	Installation kit for Opel Movano AT3500ST	1311389A

Optional heater control either:

Quantity	Description	Order No.:
1	Telestart T90 Opel (Opel OSV, Egerland)	1311462A
or		
1	Telestart T90 Opel (Opel aftersales)	9010818A
1	Y-cable of Telestart for Air Top devices (Opel aftersales)	1311677A

Foreword

These installation instructions apply to Opel Movano vehicles with a Diesel engine - for validity, see page 2 - from model year 2007 and later, assuming technical modifications to the vehicle do not affect installation, any liability claims excluded. Depending on the version and the equipment variants of the vehicle, changes may be necessary relative to these "installation instructions" during installation and must be adjusted accordingly.

However, where this is the case the stipulations in the "installation instructions" and "operating and maintenance instructions" for the *Air Top 3500 ST* should be observed.

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

The installation location of heater controls and the routing of the air ducting parts must be coordinated with the final customer prior to installation!

WARNING!

Original load-bearing components of the vehicle and/or component used for crash safety may not be modified for the hot air and recirculating air ducting!

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).

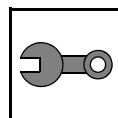
Special Tools

- Metric thread-setter kit
- Hole circle bit, 83 mm dia.
- Hole circle bit, 92 mm dia.

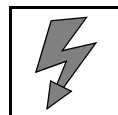
Explanatory Notes on Document

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.

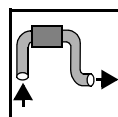
Mechanical work



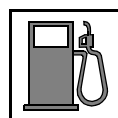
Electrical system



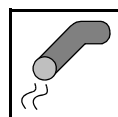
Hot air system



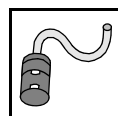
Fuel connection



Exhaust system



Combustion air



Special features are highlighted using the following symbols:



Specific risk of injury or fatal accidents.



Specific risk of damage to components.



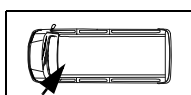
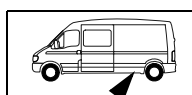
Specific risk of fire or explosion.



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



Reference to a special technical feature.

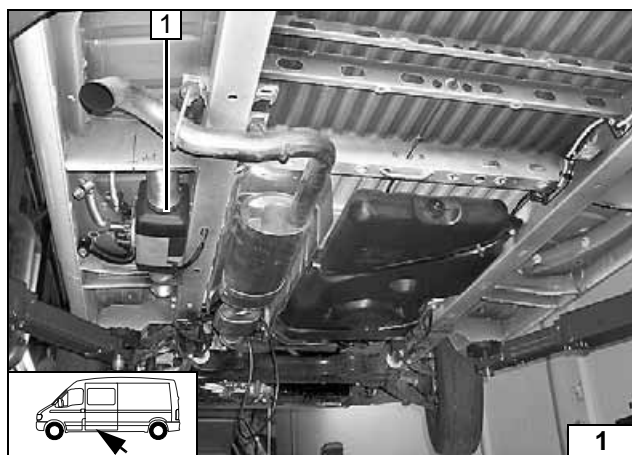


The arrow in the vehicle icon indicates the position on the vehicle and the viewing angle.

Preliminary Work

WARNING!

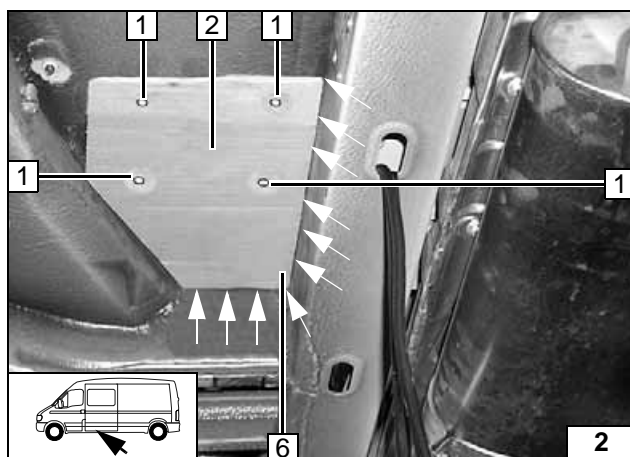
- Disconnect the battery "earth" or "ground" connection.
- Copy the factory number from the original type label to the duplicate type label.
- Remove years that do not apply from the duplicate label.
- Attach the duplicate label (type label) in the appropriate place.
- If installed, remove the rear seat row behind the driver's seat
- If installed, remove the floor covering behind the driver's seat
- Remove the trim of the A-pillar on the driver's side
- Remove the sun vizor on the driver's side
- Remove the front left side trim in the cargo space (only with cargo space trim)



Heater unit installation location

1 Heater unit

Installation
location

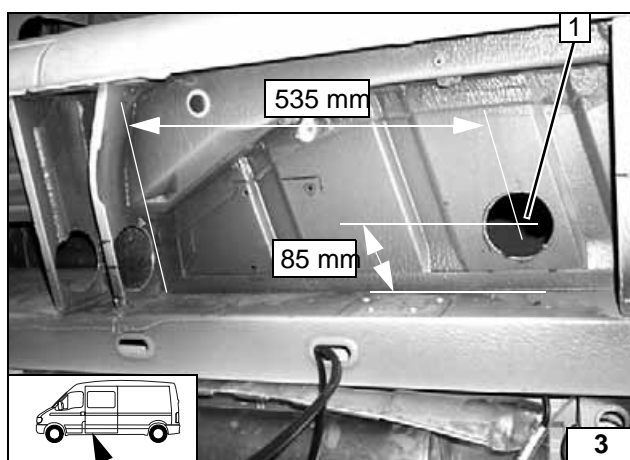


Preparing installation location

Lay on drilling template 2 provided exactly; remove underbody protection in corners as shown (arrows) if necessary. Holes may not be located in area of beads.

- 1 Copy hole pattern, drill 7 mm hole [4x] in floor panel

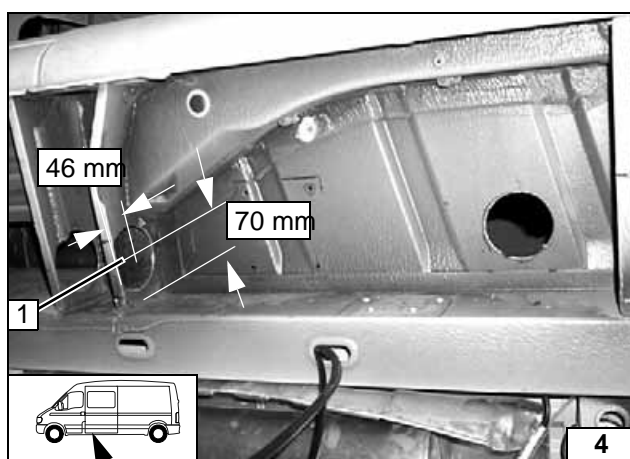
Copying hole pattern



Reapply underbody protection.

- 1 83 mm dia.hole in floor panel

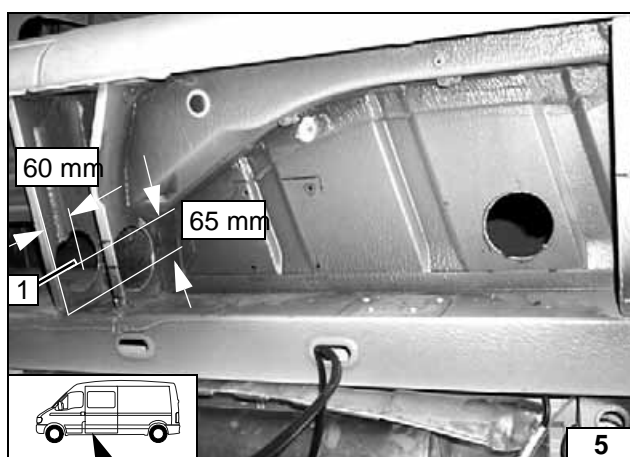
Hole in floor panel



Drill opening so that only horizontal bar is left in place.

- 1 92 mm dia. hole in floor panel

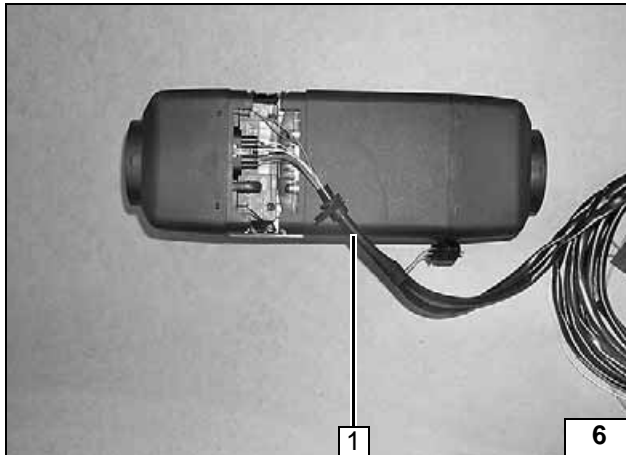
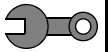
Hole in floor panel



Ensure sufficient corrosion protection for all holes.

- 1 92 mm dia. hole in floor panel, install edge protection

Hole in floor panel



Preparing heater unit

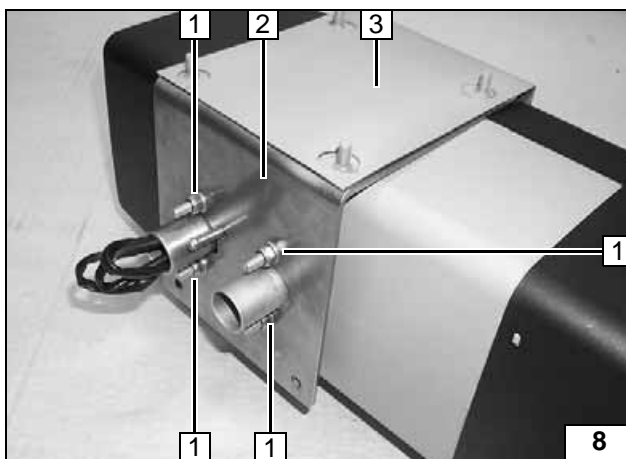
- 1 Push on wiring harness

Con-
necting
wiring
harness



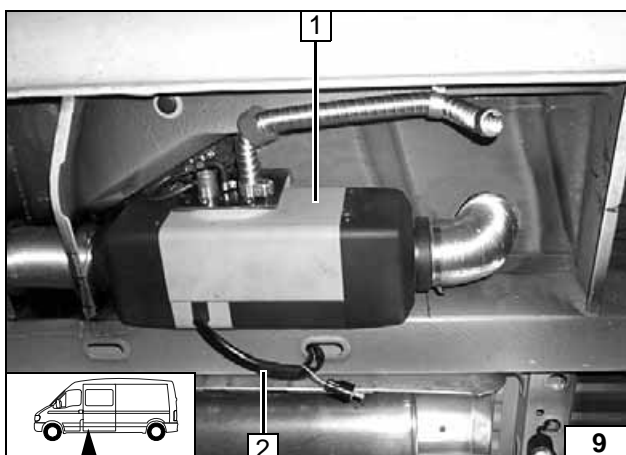
- 1 Mount cover offset by 180°

Installing
cover



- 2 Bracket of heater unit
- 1 Washer, self-locking nut [4x each]
- 3 Loosely lay on bracket for splash protection

Installing
bracket

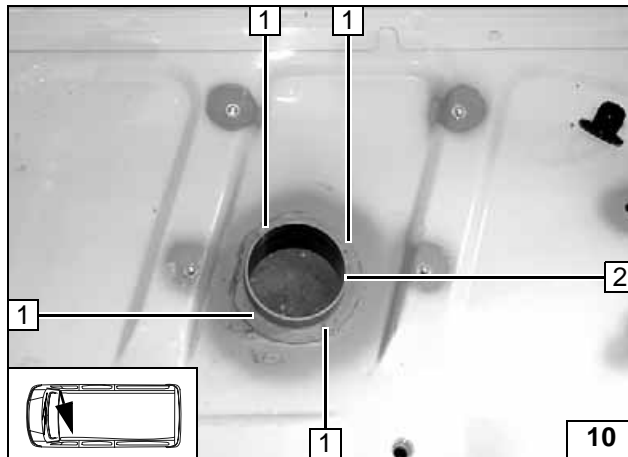
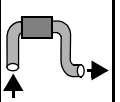


Installing heater unit

Fasten preassembled heater unit **1** to underbody with 4 self-locking M6 nuts and 4 large diameter washer. Remove red (rt) wire in wiring harness to fuse holder on blade-type fuse holder. Route wiring harness of fuse and digital/combination timer **2** in frame side member along frame side member to battery box. Insert red (rt) wire again on fuse holder. Fasten wiring harness with cable ties.



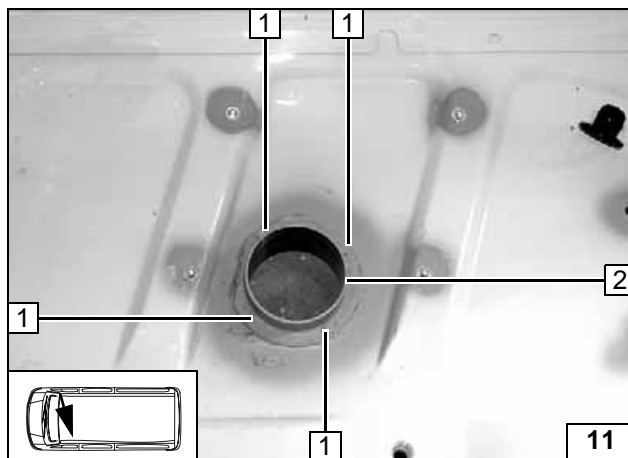
Installing
heater unit



Preparing hot air ducting

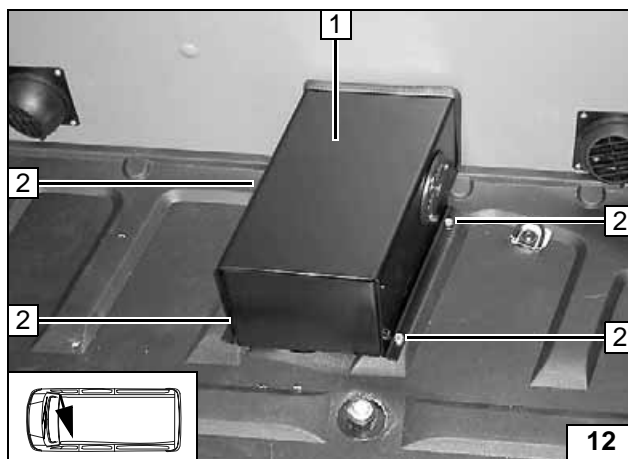
- 2 Insert pass through into existing opening
- 1 Copy hole pattern, drill 4.5 mm hole [4x]

Preparing
pass
through



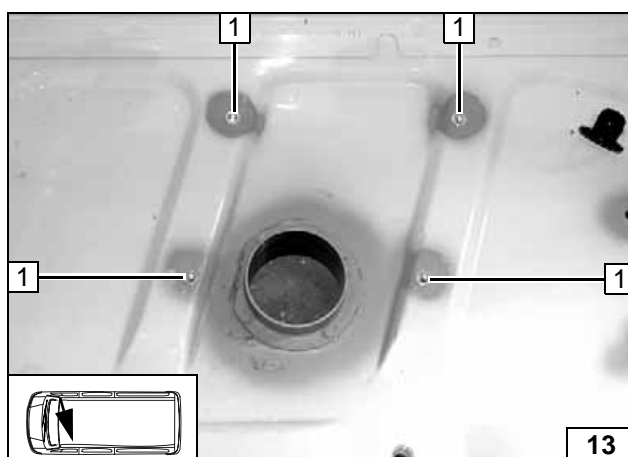
- 2 Insert pass through in existing opening and seal off with sealing compound
- 1 M4x12 bolt [4x], washers [8x], M4 flanged nut [4x]

Installing
pass
through



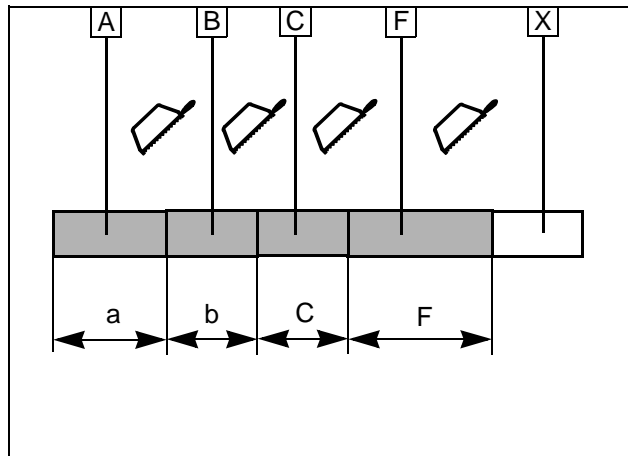
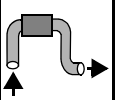
- 1 Position kick guard
- 2 Copy hole pattern for 9.1 mm hole [4x]

Lay on kick
guard



- 1 Drill out hole to 9.1 mm dia., mount rivet nut [4x each]

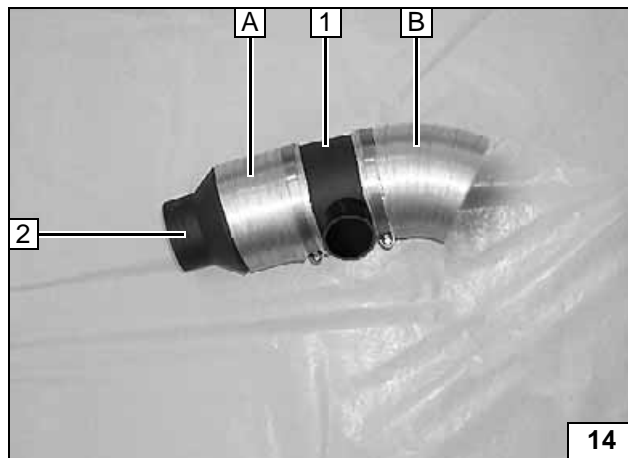
Installing
rivet nut



Preassembling hot air ducting

- A** 80 mm dia. flexible tube
a = 125 mm
- B** 80 mm dia. flexible tube
a = 125 mm
- C** 80 mm dia. flexible tube
b = 120 mm
- F** 80 mm dia. flexible tube (for recirculating air)
f = 385 mm
- X** Discard section

**Cutting
flexible
tube to
length**

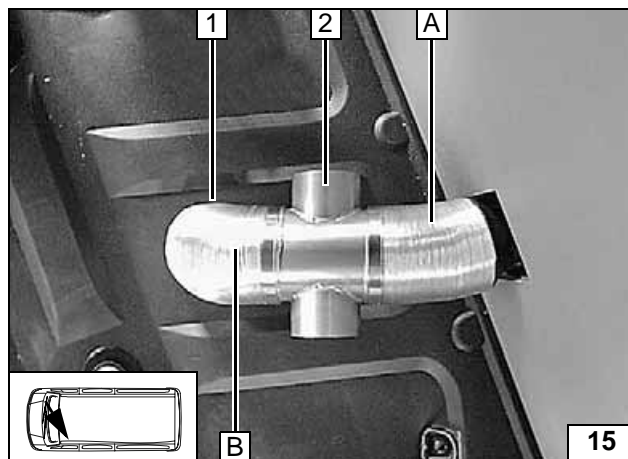


Fasten flexible tube with hose clamps as shown.

- 1** 80/60/60/80 branch
- A** 125 mm flexible tube cut to length
- 2** 80/55 reducer
- B** 125 mm flexible tube cut to length



**Installing
pass
through**

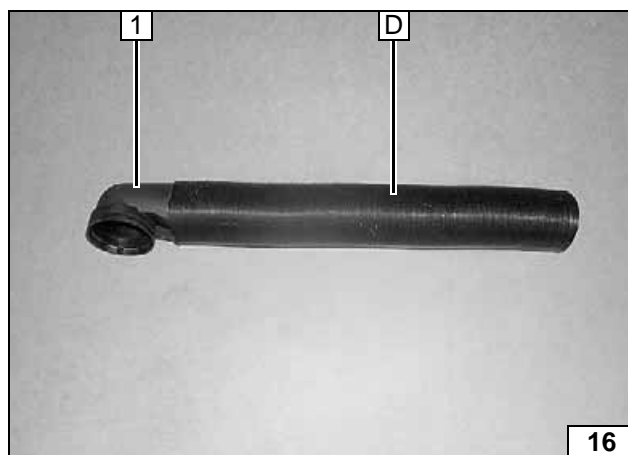


Installing hot air ducting

Mount preassembled hot air ducting on pass through **1** and fasten with hose clamp. When doing so, align 80/60/60/80 branch **2** as shown.

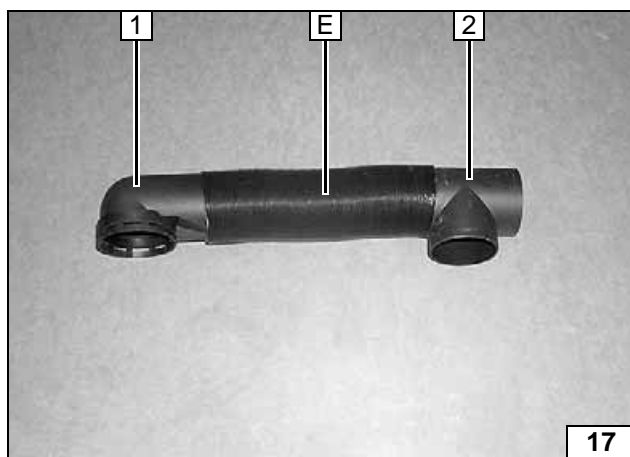
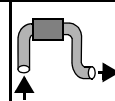


**Installing
hot air
ducting**



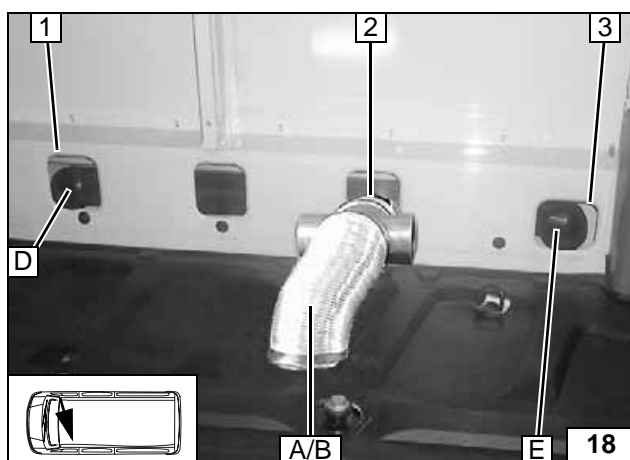
- D** 400 mm PAK pipe
- 1** 90° hot air elbow

**Preassem-
bling
distribu-
tion**



- E** 200 mm PAK pipe
1 90° hot air elbow
2 60/60/60 distributor

**Preassembling
distribution**



Installing hot air distribution

Insert preassembled hot air distribution **D** into existing opening **3** with 90° hot air elbow first and route to left-hand opening **1**. Insert preassembled hot air distribution **E** into existing opening **3** with 60/60/60 distributor first and push onto preassembled hot air distribution **D** as far as possible.

On vehicles without side trim:

Push preassembled hot air ducting **A/B** with 80/55 reducer onto distributor **2**. Drill 2.5 mm hole through reducer and distributor. Connect reducer and distributor with self-tapping screw.

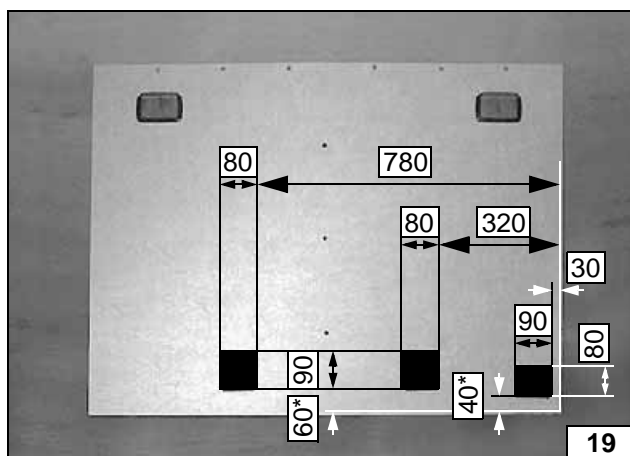
On vehicles with side trim:

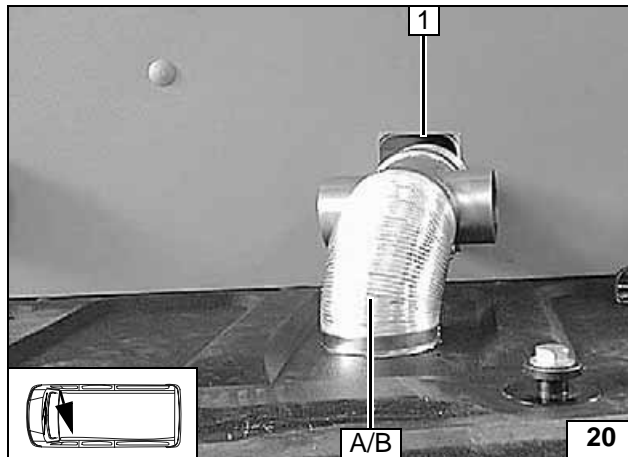
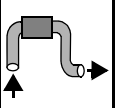
The dimensions 40 mm and 60 mm are specifications for a side panel that reaches down to the floor panel. Should a side panel be installed that does not reach down to the floor panel, these dimensions must be calculated in accordance with the distance to the floor panel.

Cut out side trim as shown

**Installing
distribution**

**Cutting out
side trim**



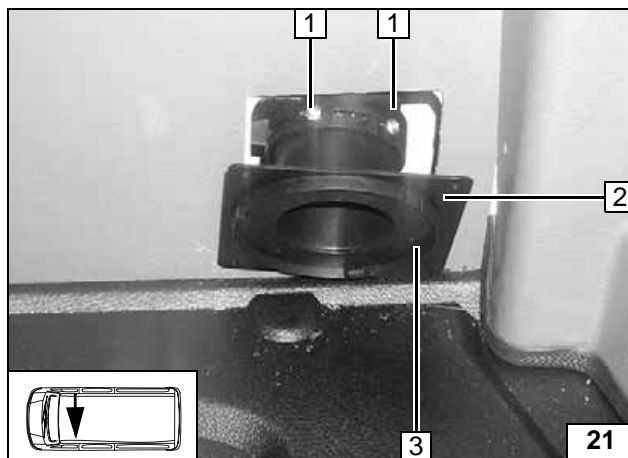


Mount side trim. Push preassembled hot air ducting **A/B** with 80/55 reducer onto distributor **1**.

Drill 2.5 mm hole through reducer and distributor. Connect reducer and distributor with self-tapping screw.



Preassembling distributor

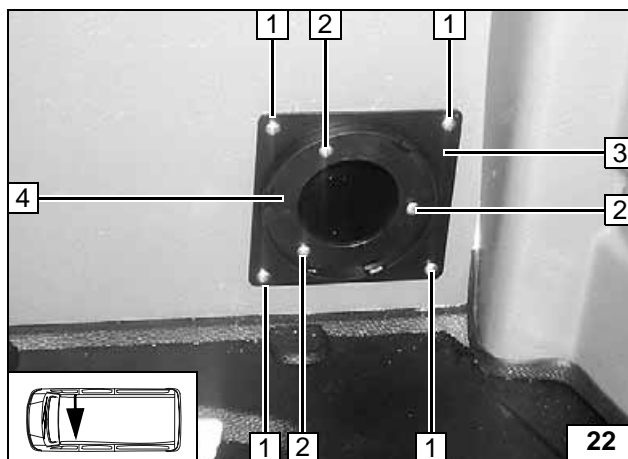


All vehicles

Shorten connection piece from air outlet by approx. 10 mm on vehicles without side trim. Mount cover piece **2** on air outlet **3**. Mount air outlet **3** with cover piece **2** on each hot air elbow. Drill 2 2.5 mm dia. holes **1** each through reducer and distributor. Connect reducer and distributor with self-tapping screw.



Installing air outlet



When drilling, watch components located behind!

Copy hole pattern **1** from cover piece **3** to side panel or trim in each case.

Copy hole pattern **2** from air outlet **4** to cover piece **3** in each case.

- 1** 2.5 mm dia. hole, self-tapping screw [4x each]
- 2** 2.5 mm dia. hole, self-tapping screw [3x each]



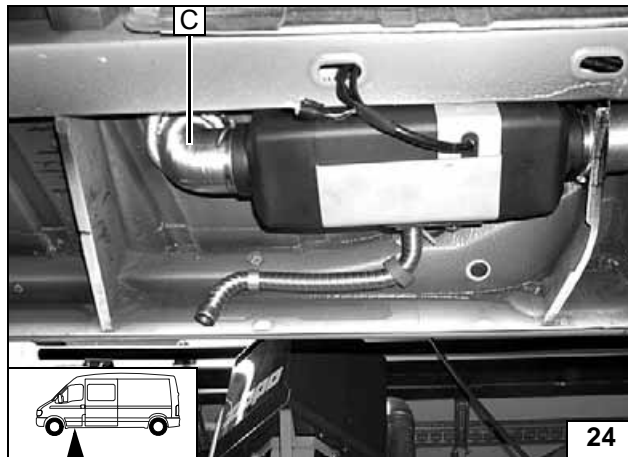
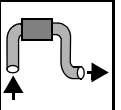
Installing air outlet



Mount rotating air outlet grid **1** [2x] on air outlet and engage.



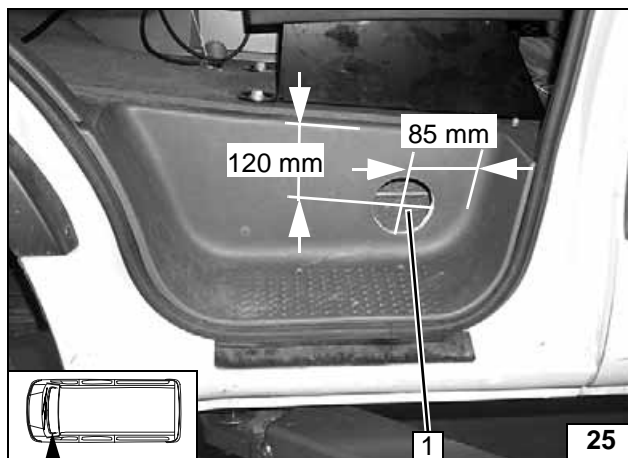
Installing grids



Shape 120 mm long flexible tube **C** as shown, mount on heater unit hot air outlet and on pass through and fasten with hose clamps.



Installing flexible tube



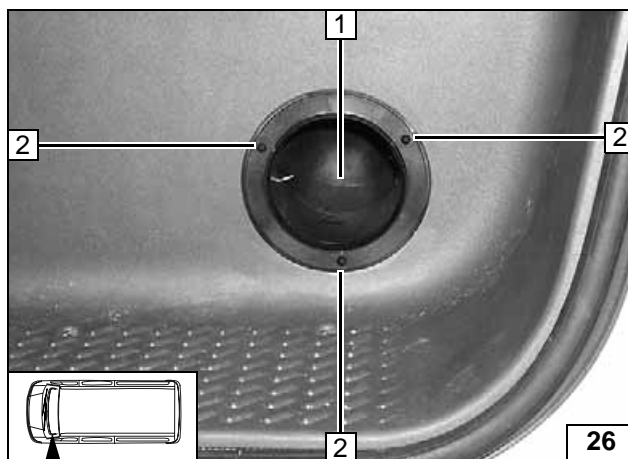
Recirculating air intake

Remove entrance trim on driver's side. Flatten beads in metal sheet in area of pass through with flattening tool. Ensure sufficient corrosion protection for all holes.

- 1 83 mm dia. hole in entrance trim of driver's side and in metal sheet behind it



Hole in floor panel

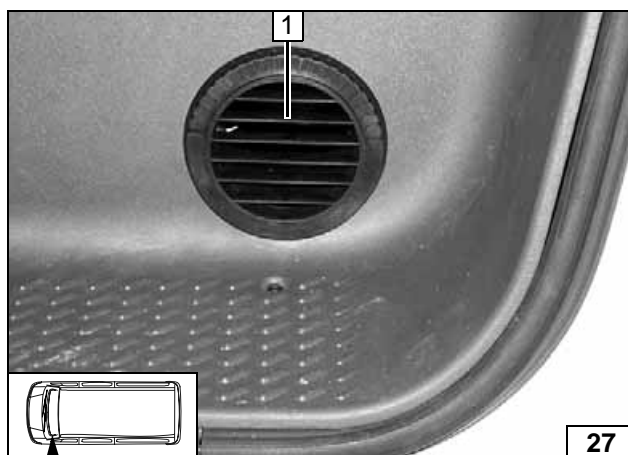


Seal off pass through from behind with sealing compound.

- 1 Insert pass through in 83 mm dia. hole
- 2 2.5 mm dia. hole, self-tapping screw [3x each] in entrance trim



Installing pass through

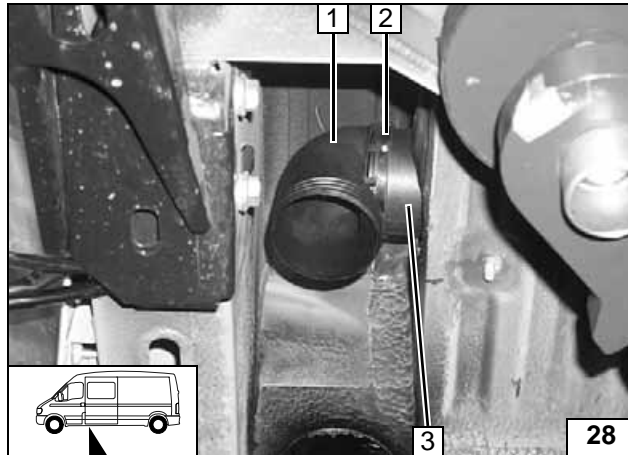
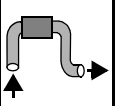


Mount air outlet grid **1** on pass through and engage (close off flush toward outside)!



Installing grid

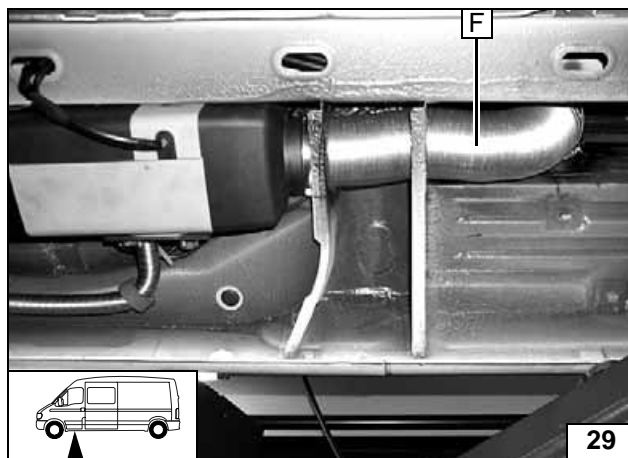
Opel Movano



Mount hot air elbow 90° 1 on pass through 3, align downward and fasten with 3 self-tapping screws 2.



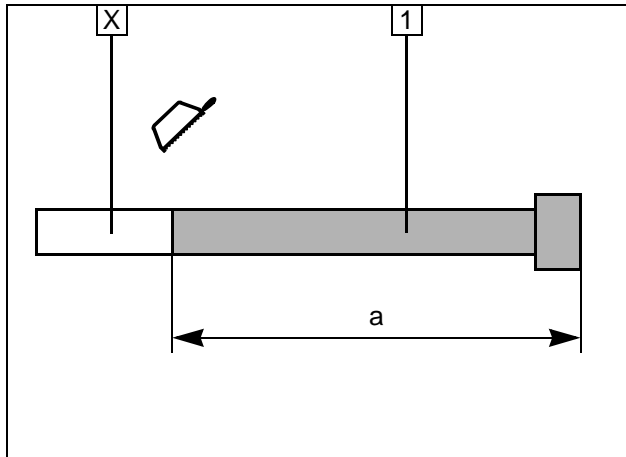
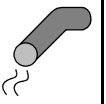
**Installing
hot air
elbow**



Guide 385 mm long flexible tube **F** through prepared hole, mount on heater unit inlet and on hot air elbow and fasten with hose clamps.



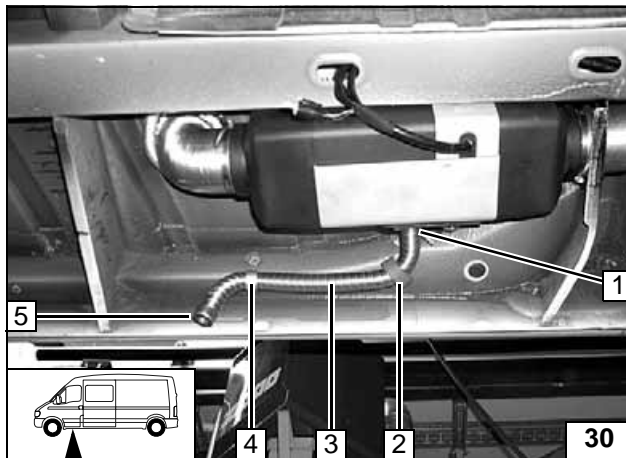
**Installing
flexible
tube**



Exhaust system

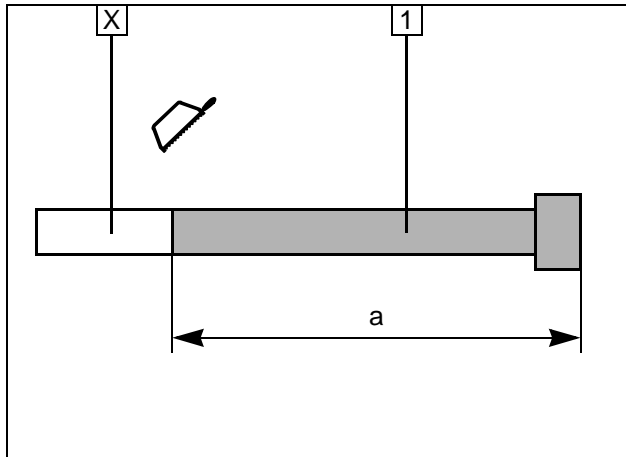
- 1 Exhaust pipe
a = 450 mm
Discard section X

Preparing
exhaust
pipe



- 3 Exhaust pipe
1 Hose clamp
2 Push on red (rt) rubber isolator and position
4 P-clamp, M6x20 bolt on existing threaded hole
5 Shape end section as shown

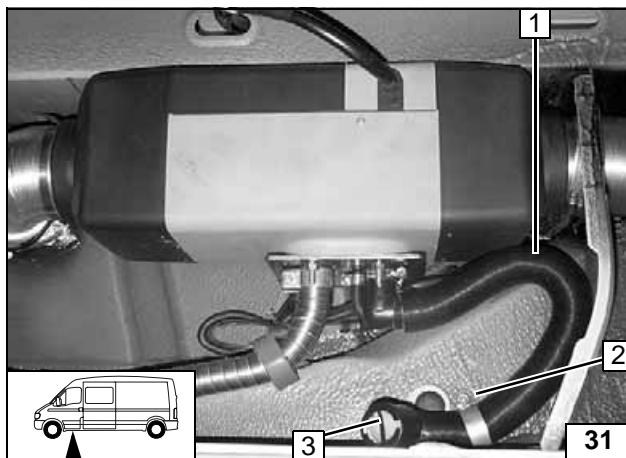
Installing
exhaust
pipe



Combustion air

1 Combustion air pipe
a = 450 mm
Discard section X

Preparing
combustion air
pipe



Guide wiring harness of metering pump through groove in combustion-air intake connection piece.

Mount combustion-air intake pipe 1 on combustion-air intake connection piece and fasten with hose clamp.

Drill 4 mm dia. hole in frame side member at position 2. Route combustion-air intake pipe 1 as shown and fasten on frame side member with p-clamp and self-tapping screw 2. Mount end cap 3 on combustion-air intake pipe.



Installing
intake pipe

Note:

When using a Webasto water heater and a Webasto air heater together, the exhaust pipe of the water heater must be routed along the left-hand side sill.

Ensure sufficient spacing between the exhaust pipe of the water heater and the combustion-air intake pipe of the air heater.



Fuel Connection

CAUTION!

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

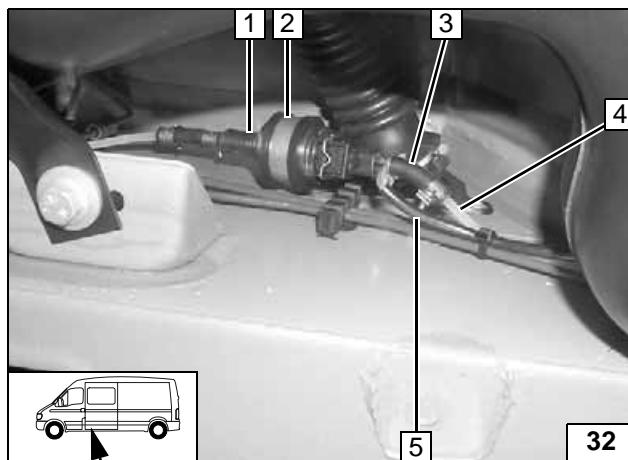
Catch any fuel running off with an appropriate container.

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.



Ensure proper installation position of metering pump **1**, see "Installation Instructions".

Remove original vehicle screw of fuel-tank line bracket and discard. Insert silent block into threaded hole.

Fuel line from heater unit **4** on pressure side of metering pump [side with connector].

2 Rubber-coated p-clamp, flanged nut on silent block

3 Hose section, 10 mm dia. hose clamps [2x]

5 Wiring harness of metering pump, single-wire seal, tab connector, connector housing

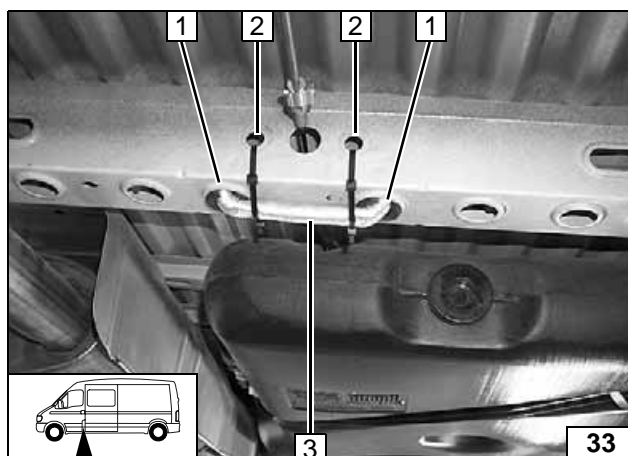


Installation location of metering pump



Route Mecanyl fuel line and wiring harness of metering pump along right-hand frame side member to cross member and fasten to existing clips of brake lines. Cut off 1,200 mm of protective hose provided. Install Mecanyl fuel line together with wiring harness of metering pump in 1,200 mm protective hose.

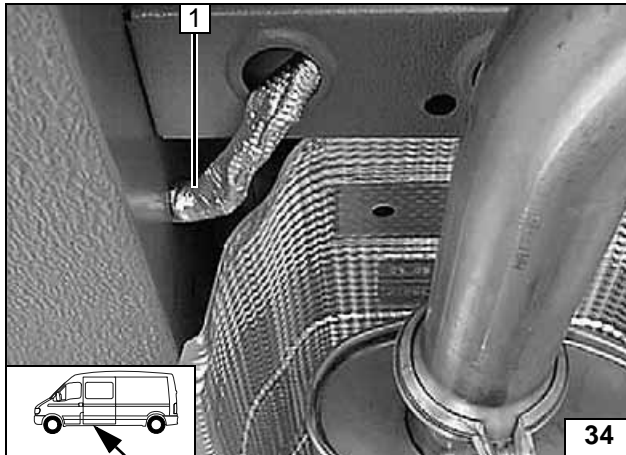
Installing lines



Route Mecanyl fuel line and wiring harness of metering pump in protective hose **3** in cross member behind fuel tank to left-hand side of vehicle. When doing so, route protective hose past parking brake guide by routing out through openings in cross member and then back in again. Insert cut-open protective rubber plugs in both openings **1**. Fasten protective hose with cable ties **2** [2x] as shown.



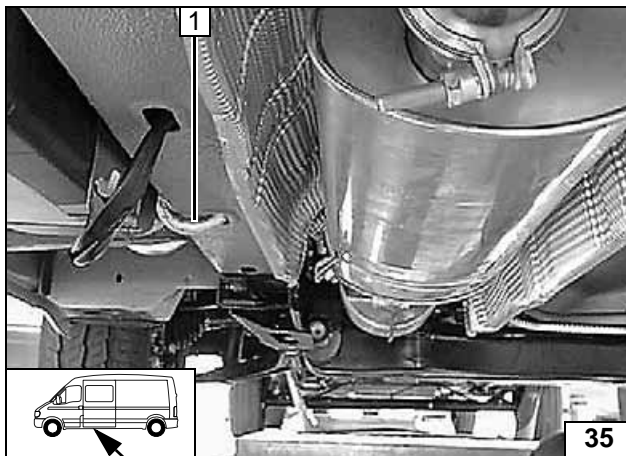
Installing lines



Route protective hose **1** out of cross member as shown and pull wiring harness of metering pump into frame side member together with Mecanyl fuel line.



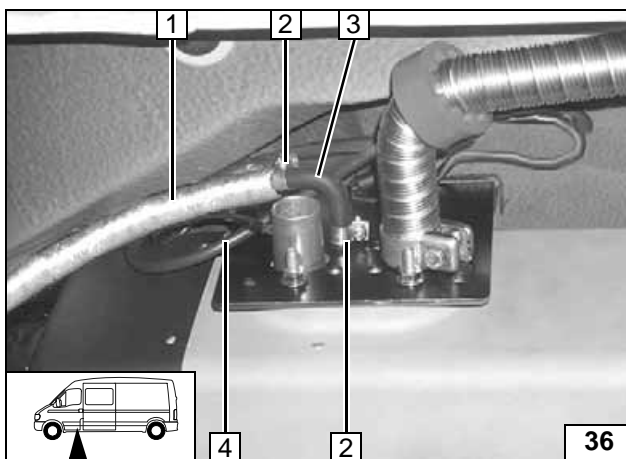
Installing lines



Route wiring harness of metering pump out of frame side member together with Mecanyl fuel line as shown. Push remaining 300 mm long piece of protective hose **1** onto wiring harness of metering pump and Mecanyl fuel line. Route protective hose over hood of heater unit to fuel inlet of heater unit.



Installing lines

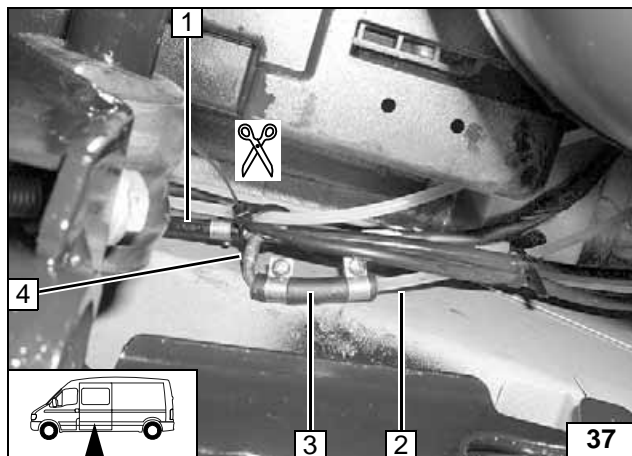


Ensure sufficient spacing of Mecanyl fuel line, wiring harness of metering pump and protective hose to exhaust pipes and to hot air outlet.



- 3** 90° molded hose
- 1** Mecanyl fuel line in protective hose
- 2** 10 mm dia. hose clamps [2x]
- 4** Wiring harness of metering pump, single-wire seal, tab receptacles, connector housing

**Con-
nection on
heater unit**

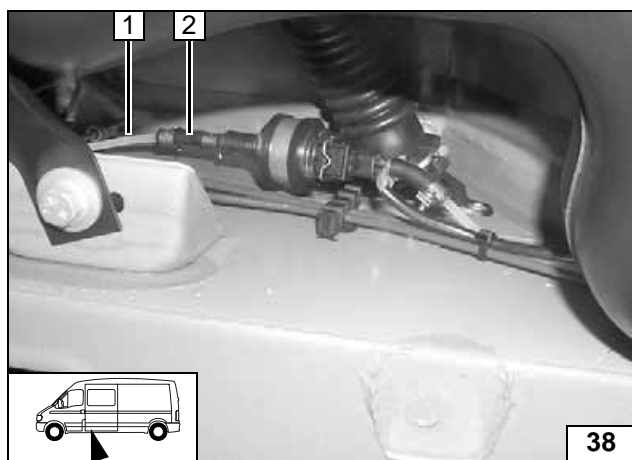


Cut off fuel return line as shown.

- 1 Fuel return line, 8 mm dia. hose clamps [2x]
- 4 Fuel standpipe
- 2 Remaining end of Mecanyl fuel line
- 3 Hose section, 10 mm dia. hose clamps [2x].



Removing
fuel



Fuel line from fuel standpipe **1** on intake side of metering pump [side without connector]. Check the position of the components; adjust if necessary. Check that they have free clearance.

- 2 Hose section, 10 mm dia. hose clamps [2x].



Con-
nection to
metering
pump



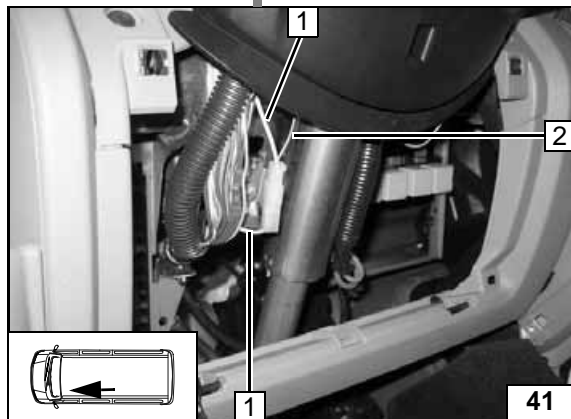
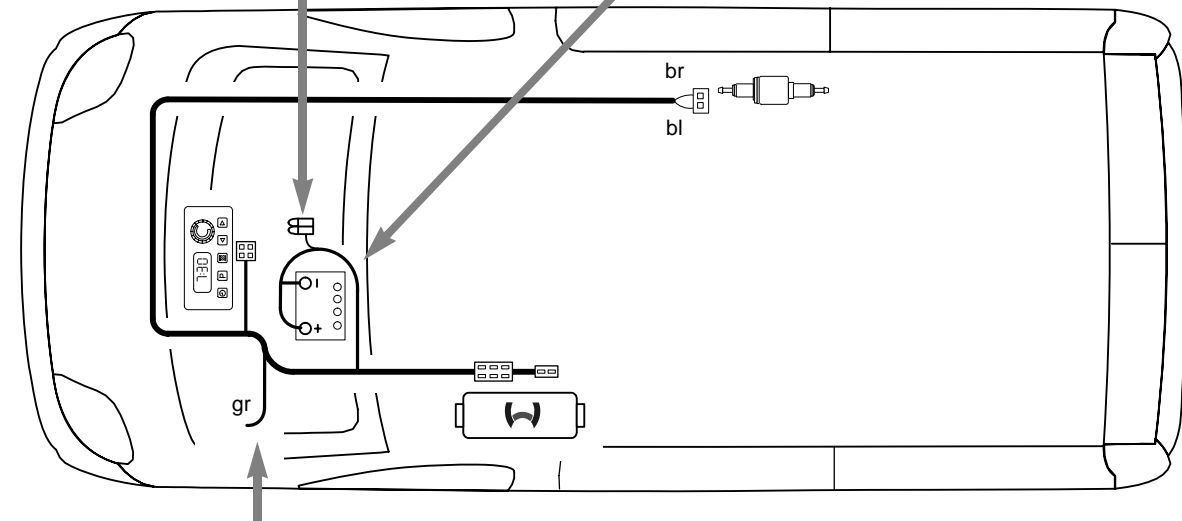
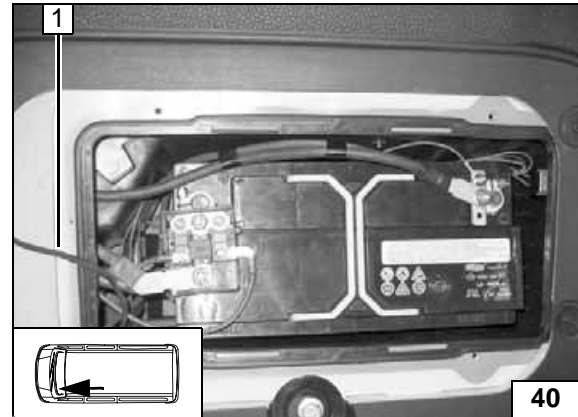
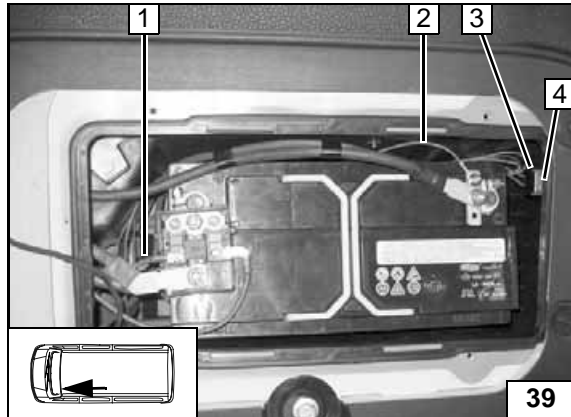
Electrical Connections

Fuse holder

- 4 2.5 mm dia. hole, retaining plate for fuse holder, 3.5x13 self-tapping screw
- 3 Fuse holder mounted
- 2 Ground wire on negative battery terminal
- 1 Positive wire on positive battery terminal

Wiring routing

Route wiring harness of heater unit from underbody through existing opening in battery box (rear left).
Route wiring harness of digital timer 1 under floor cover to center console.



Connection to lighting of digital timer

Make connections as shown in wiring diagram with blade connectors provided.

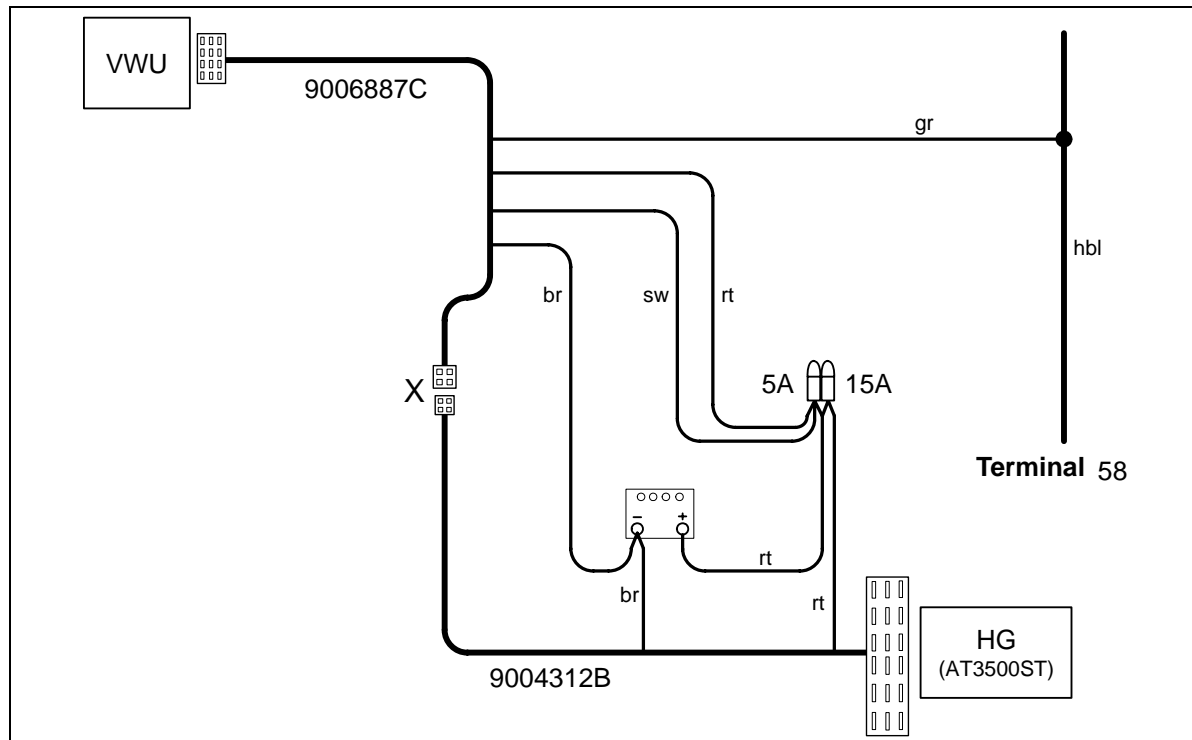
- 1 Light blue (hbl) wire from parking light switch (terminal 58)
- 2 Gray (gr) wire from preassembled wiring harness



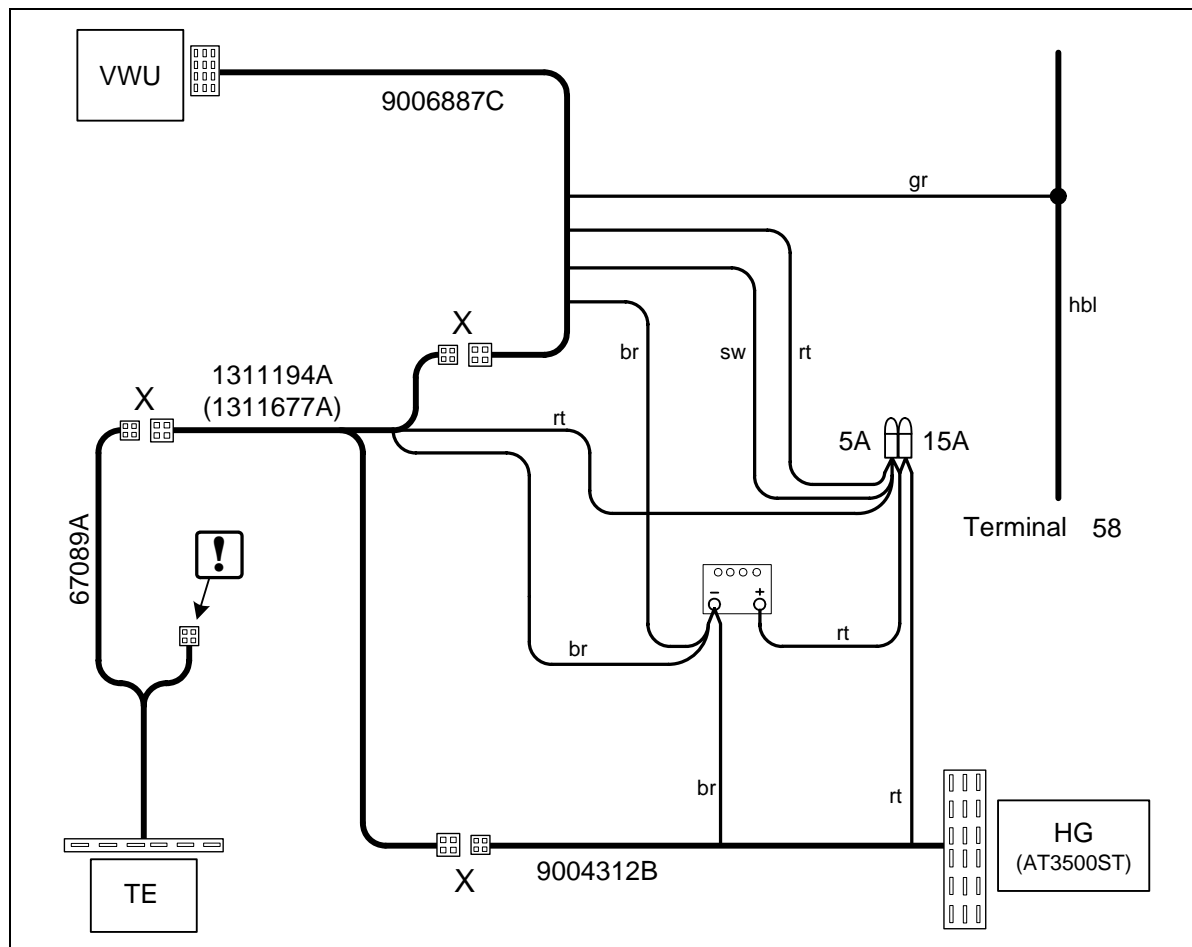
Wiring
harness
installation
diagram



Connection Diagram for Combination Timer and Telestart



Con-
nection
Diagram
for Combi-
nation
Timer



Con-
nection
Diagram
for Combi-
nation
Timer +
Telestart

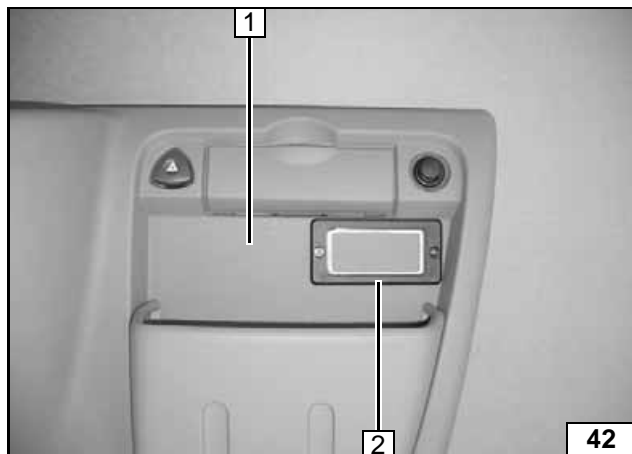
HG = Heater unit
TE = Telestart receiver
VWU = Combination timer

X = Connect connectors to those of same color
! = Connector not used

gr = gray
br = brown
hbl = light blue

rt = red
sw = black





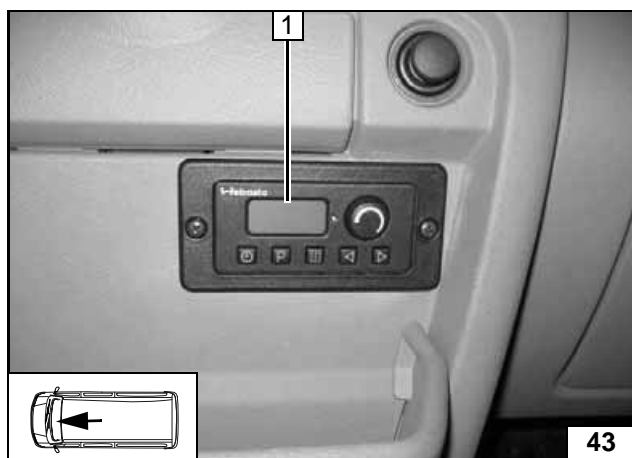
Digital/combination timer

Use installation frame 2 as template. Copy hole pattern [2x] for screwing on and cutout to center console 1.

Cut out 2 4 mm dia. holes in center console and hole pattern for combination timer insert

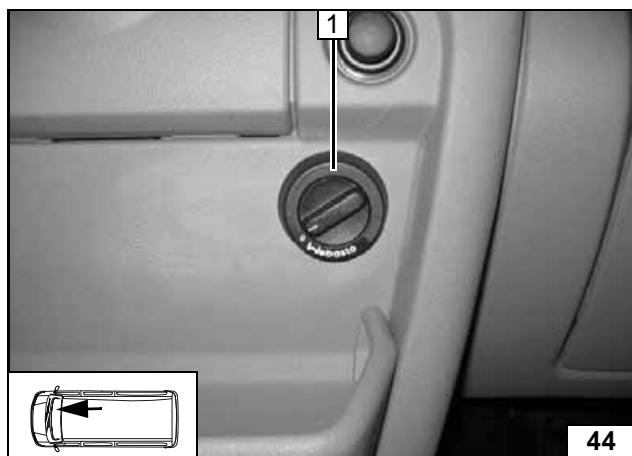


**Preparing
combi-
nation
timer**



1 Combination timer

**Installing
combi-
nation
timer**

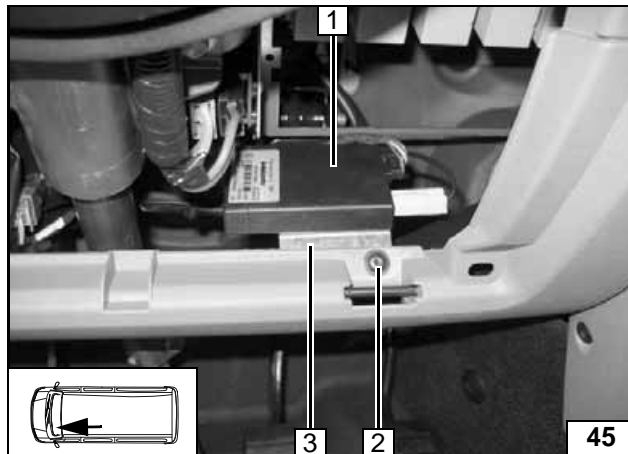


Heater control option

1 12 mm dia. hole, heater control in center console



**Installing
heater
control**

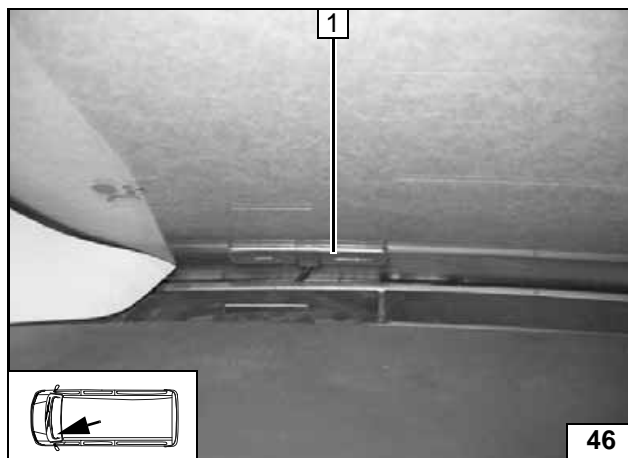


Remote option (Telestart)

- 3 Bracket, align as shown
- 2 Original vehicle bolt
- 1 Receiver

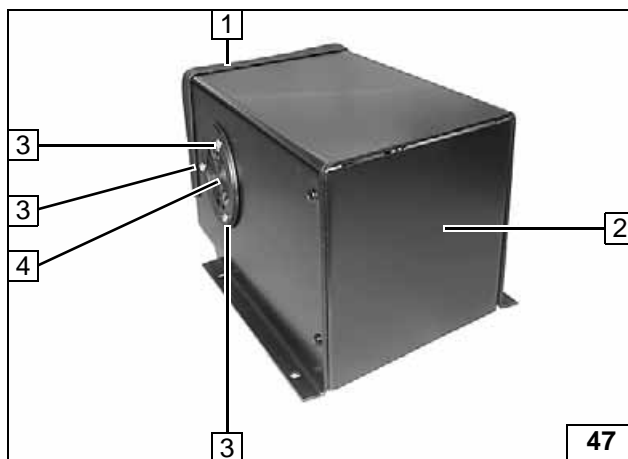


Installing receiver



- 1 Antenna

Installing antenna



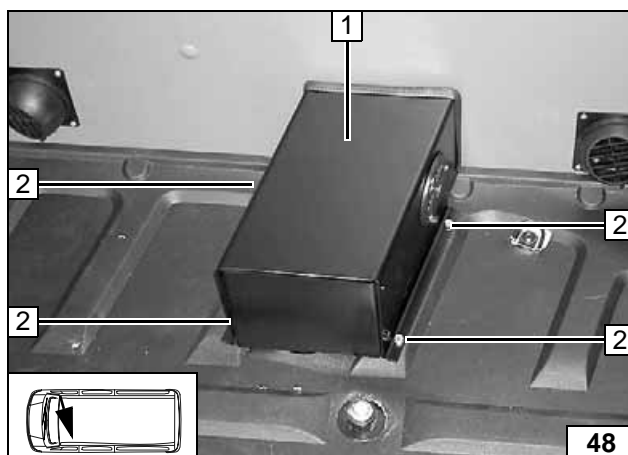
Installing trim parts

Install outlet screen on both sides.

- 2 Kick guard
- 1 Edge protection
- 4 Outlet screen on both sides [2x]
- 3 2.5 mm dia. hole, self-tapping screw 3.5x13 [3x each]

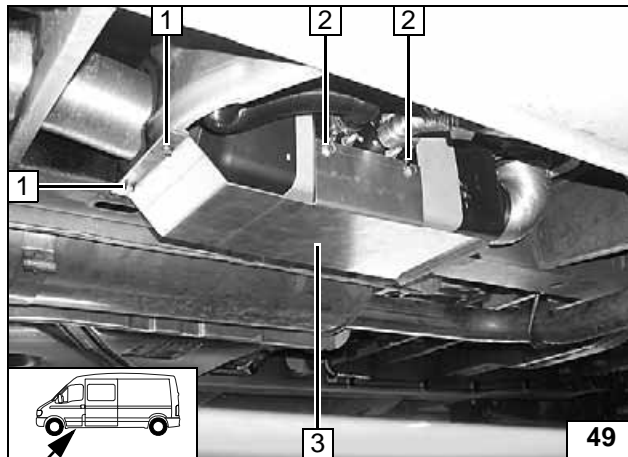
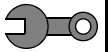


Preparing kick guard



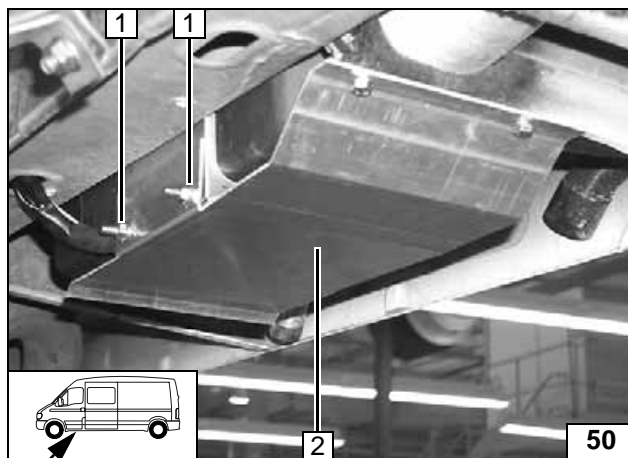
- 1 Kick guard
- 2 M6x16 bolt [4x] on prepared rivet nuts

Installing kick guard



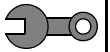
- 3 Heater unit trim
- 2 Mount M6x12 bolt, spring lockwasher [2x each] on rivet nuts
- 1 Drill out 4 mm dia. hole, self-tapping screw 5.5x13; spring lockwasher [2x each]

**Installing
heater unit
trim**



- 2 Heater unit trim
- 1 Flanged nut [2x] on existing stud bolt

**Installing
heater unit
trim**



Final Work

WARNING!

Reassemble the disassembled components in reverse order.

Check all hoses, hose, spring and Caillau clamps, as well as all electrical connections for firm seating.

Secure all loose cables using cable ties.

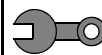
Spray the heater unit components with anti-corrosion wax (Tectyl 100K, Order No. 111329).

- Connect the battery
- Set the digital timer, teach the Telestart if installed
- Check the proper operation of the air heater, see the operating instructions/installation instructions.
- Attach the "Switch off additional heater before refueling" sticker to the left-hand B-pillar.



Feel the drive

Webasto AG
Postfach 80 - 82132 Stockdorf, Germany - Hotline +49-(0)1805-932278
Hotfax +49-(0)395-5592-353 - <http://www.webasto.de>



Template for Heater Unit



Scale 1:1

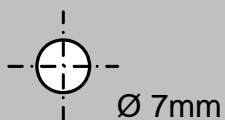
Compare the size of the printed version with dimension lines.
Permitted tolerance a maximum of 2%.

Correct major differences in the printer settings or request an
original printout.

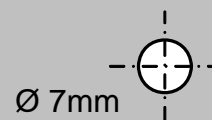
100 mm

0

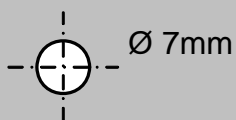
100 mm



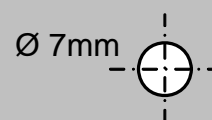
Ø 7mm



Ø 7mm



Ø 7mm



Ø 7mm