INSTALLATION RECOMMENDATION
HYDRONIC S3-CS – D 4 E IN THE RENAULT KANGOO (KW)



THIS INSTALLATION RECOMMENDATION APPLIES TO VEHICLES FROM MODEL YEAR 2020 WITH THE FOLLOWING MOTORISATION:
1461 Cylindervolym, cm^3
Blue dCi 80 S&S / FWD / 59 kW - 80 HP
Blue dCi 95 S&S/ FWD / 70 kW - 95 HP
Blue dCi 115 S&S /FWD / 85kW - 115 HP

Equipment:
- with manual & automatic climate control
- with fog lamps
- with LED daytime running lights
- with manual gearbox

Installation time: approx. 5 hours



A WORLD OF COMFORT

Eberspächer

2019.11.26 V2 JL/SA

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PLEASE NOTE!

This installation recommendation is valid for the above mentioned vehicle to the exclusion of all liability claims.
Deviating model years and/or deviating equipment may result in modifications to this installation recommendation.
It is therefore mandatory to check the feasibility of installing the heater in the vehicle before starting work.
All liability claims resulting from modifications to the vehicle are excluded.

1 INTRODUCTION

SPECIAL TEXT FORMATS, PRESENTATIONS AND PICTURE SYMBOLS

In this installation recommendation, special text formats and picture symbols are used to emphasise different contents. Please refer to the following examples for their meanings and appropriate action.

SPECIAL TEXT FORMATS AND PRESENTATIONS

- This dot (▪) denotes a list, which is started by a heading.
  - If an indented dash (–) follows a "dot", this list is a sub-section of the black dot.

PICTURE SYMBOLS

DANGER!

This information points out a potential serious or fatal danger. Ignoring this information can result in severe injuries.

➔ This arrow indicates the appropriate precaution to take to avert the danger.

CAUTION!

This information points out a dangerous situation for a person and / or the product. Ignoring this information can result in injuries to people and / or damage to machinery.

➔ This arrow indicates the appropriate precaution to take to avert the danger.

PLEASE NOTE!

These remarks contain recommendations for use and useful tips for the operation, installation and repair of the heater.

SAFETY INSTRUCTIONS FOR INSTALLATION AND REPAIR

DANGER!

Improper installation or repair of Eberspächer heaters can cause a fire or result in toxic exhaust entering the inside of the vehicle.
This can cause serious and even fatal risks.

➔ Only authorised and trained persons may install the heater according to the specifications in the technical documents or repair it using original spare parts.

➔ Installation and repairs by unauthorised and untrained persons, repairs using non-original spare parts and without the technical documents required for installation and repair are dangerous and therefore are not permitted.

➔ Installation according to this installation recommendation may only be carried out in conjunction with the respective unit-related technical description, installation instructions, operating instructions and maintenance instructions.
This document must be carefully read through before / during installation and repair and followed throughout. Particular attention is to be paid to the official regulations, the safety instructions and the general information.

PLEASE NOTE!

- The relevant rules of sound engineering practice and any information provided by the vehicle manufacturer are to be observed during the installation and repair.
- When carrying out electric welding on the vehicle, the positive cable at the battery should be disconnected and earthed to protect the control box.

LIABILITY CLAIM / WARRANTY

Eberspächer does not accept any liability for defects and damage, which are due to installation or repair by unauthorised and untrained persons.
Compliance with the official regulations and the safety instructions is prerequisite for liability claims.
Failure to comply with the official regulations and safety instructions leads to exclusion of any liability of the heater manufacturer.

ACCIDENT PREVENTION

General accident prevention regulations / health and safety regulations and the corresponding workshop, company and operating safety instructions are to be observed.

1 INTRODUCTION

ADDITIONAL INFORMATION ON THE VALIDITY OF THE INSTALLATION RECOMMENDATION

The installation recommendation is valid for the vehicle with the engine and gearbox options listed in the following.

ENGINE AND GEARBOX OPTIONS

Cubic capacity	kW / HP	Gearbox
1.5l	59 / 80	6 S
1.5l	70 / 95	6 S
1.5l	85 / 115	6 S

6 S = 6 gear manual gearbox

PLEASE NOTE!

- The installation recommendation is not valid for right-hand drive vehicles.
- Vehicle models, engine types and feature options not listed in this installation recommendation, have not been tested. Installation according to this installation recommendation can still be possible.

INITIAL STARTUP OF THE HEATER OR FUNCTIONAL TEST

- After installation or carrying out a repair on the heater, the coolant circuit and the whole fuel supply system must be carefully vented. Comply with the instructions issued by the vehicle manufacturer.
- Open all heating circuits before the trial run (set the temperature controller to "hot").
- During the heater trial run, all water and fuel connections must be checked for leaks and secure, tight fit.
- If faults occur while the heater is running, use a diagnostic unit to correct the cause of the fault.

PARTS REQUIRED FOR INSTALLATION

QUANTITY	DESIGNATION	ORDER NO.
1	Heater Hydronic S3-CS - D 4 E w. prepr.MP and Vehicle-specific installation kit	29 2481 20 4044
1	For cars with automatic climate control order:	29 2490 00 0196
	EasyStart control unit as chosen:	
1	EasyStart Pro	22 1000 352 200
1	EasyStart Remote	22 1000 34 8100
1	EasyStart Remote+	22 1000 34 1700
1	Easy Start Web 7.1	22 1000 34 7800
1	EasyStart GSM-SE	29 2490 00 0145
1	EasyStart GSM-DK	29 2490 00 0147
1	EasyStart GSM-NO	29 2490 00 0146

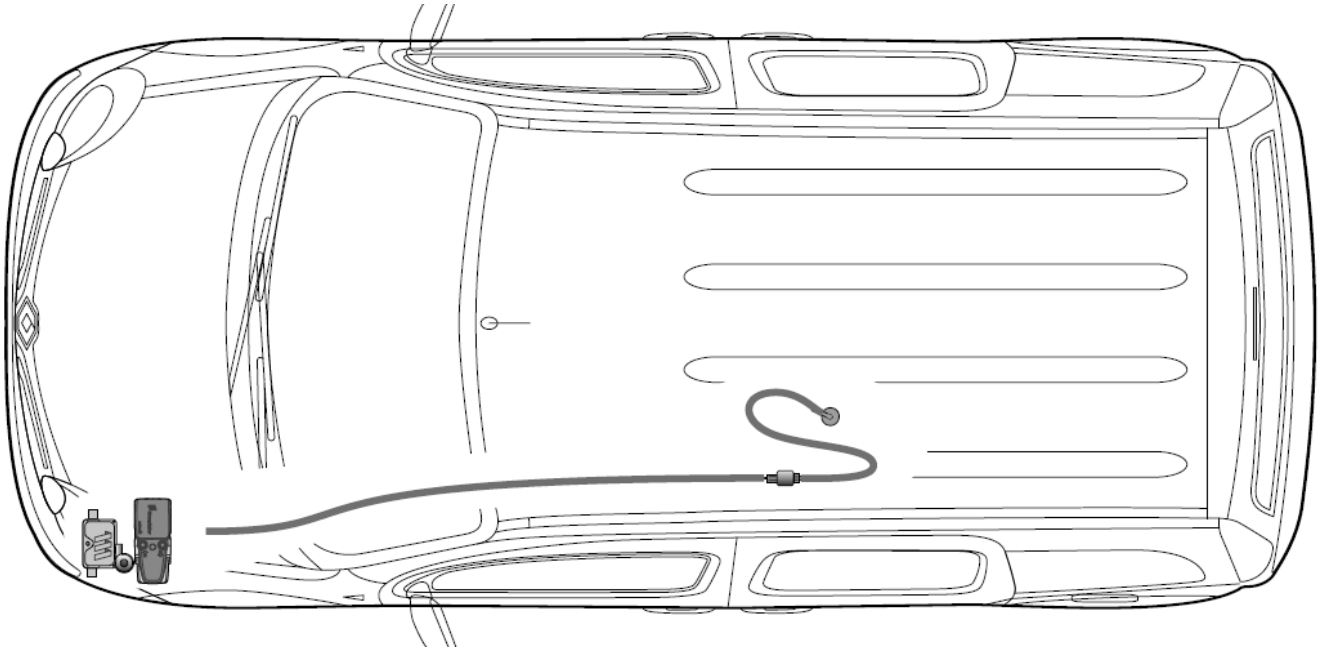
TIGHTENING TORQUES

If no tightening torques are specified, tighten the screw connections according to the following table:

Part name	Tightening torques
Hex screw M6	10 $^{+1}$ Nm
Hex screw M8	20 $^{+2}$ Nm
Hex screw M10	45 $^{+2}$ Nm
Torx screw M6 x 14.5	6 $^{+0.5}$ Nm
Screw M4 x 16	3 $^{+0.5}$ Nm
Screw M5 x 10	5 $^{+0.5}$ Nm
Pipe clip for exhaust pipe	7 $^{+1}$ Nm
Hose clip for water hose	3 $^{+0.5}$ Nm
Hose clip for combustion air pipe	3 $^{+0.5}$ Nm
Hose clip for fuel pipe	1 $^{+0.2}$ Nm

2 PREPARATION OF THE VEHICLE

INSTALLATION DRAWING



1 Heater with exhaust and combustion air pipe
2 Water pump
3 Metering pump
4 Fuel tank extractor

PREPARATORY WORK ON THE VEHICLE

- Disconnect the battery
- Remove glove compartment
- Depressurise the cooling system
- Remove the front bumper
- Remove the tank

2 PREPARATION OF THE VEHICLE

1. Heater location.

2. Connection of water.

3. Position of fuse, relay.

4. Remove grill.



Fig. 1

1. Dismantle Battery connection plus.

2. Release overpressure in the cooling system.

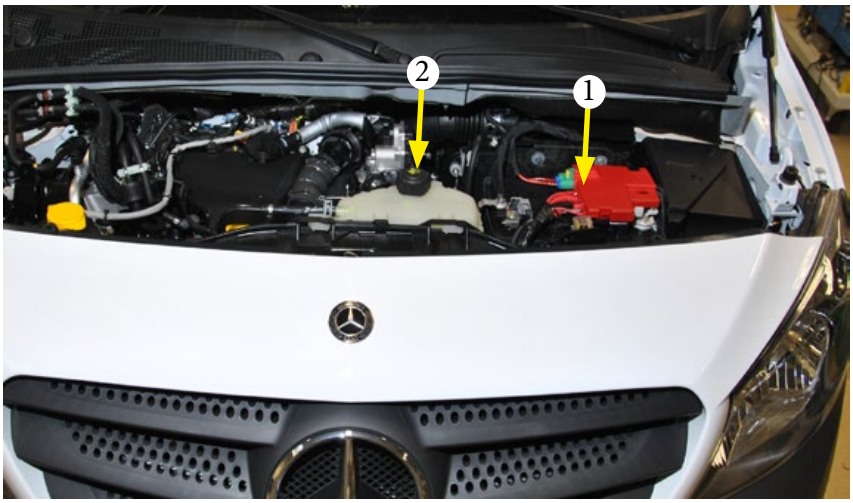


Fig. 2

1. Timer Location.

2. Remove panel.

3. Remove cover .

4. Location of GSM / EasyStart R +.

5. Remove the floor mat.

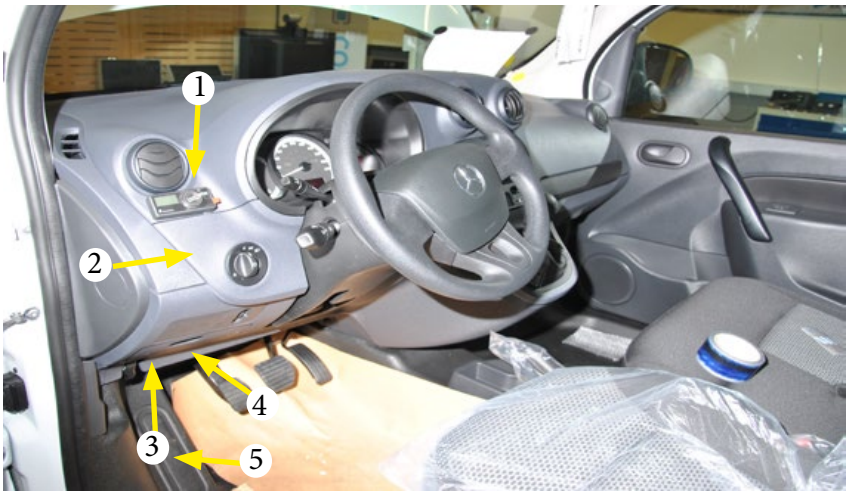


Fig. 3

3 PRELIMINARY ASSEMBLY

1. Remove the tire on the left side.

2. Remove the plastic panel (both parts).



Fig. 4

1. Attach the fuse holder.

2. to the existing M6 screw.

NOTE: Do not connect to the battery now!

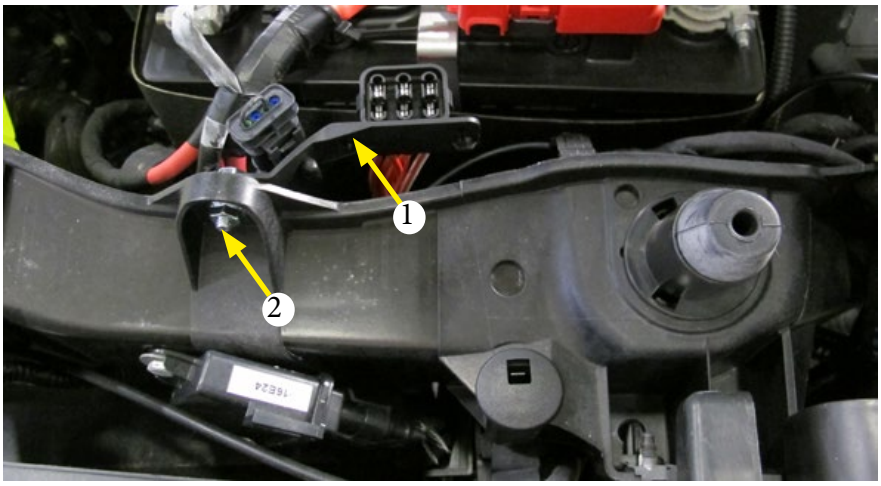


Fig. 5

1. Release the heater contact and the earth cable in front of the partition.

2. Pull the fan and timer cable against the wheel housing.

3. Pull out the 2-pin connector that will go to the temperature sensor to the left of the headlight.
see Fig 38.

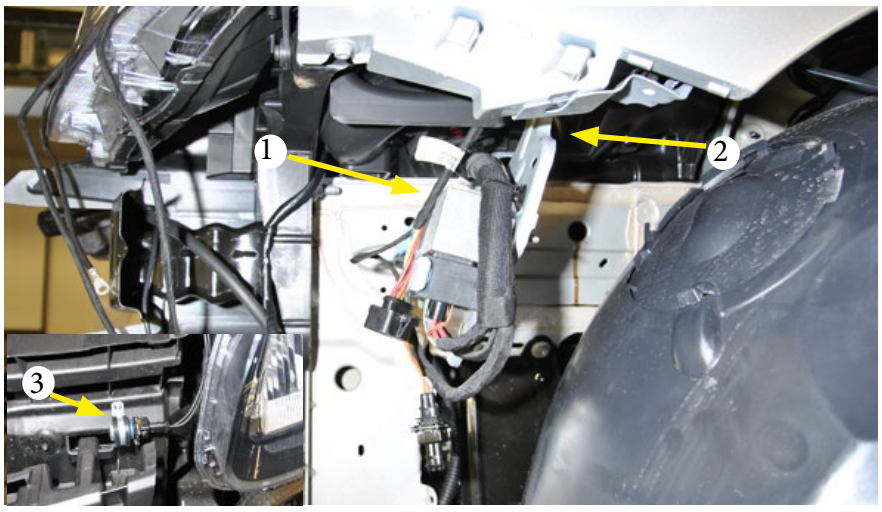


Fig. 6

4 INSTALLATION

1. Remove the connector on the valve and the clip on the bracket.

2. Remove the valve from the bracket.

3. Remove the bracket from the car.

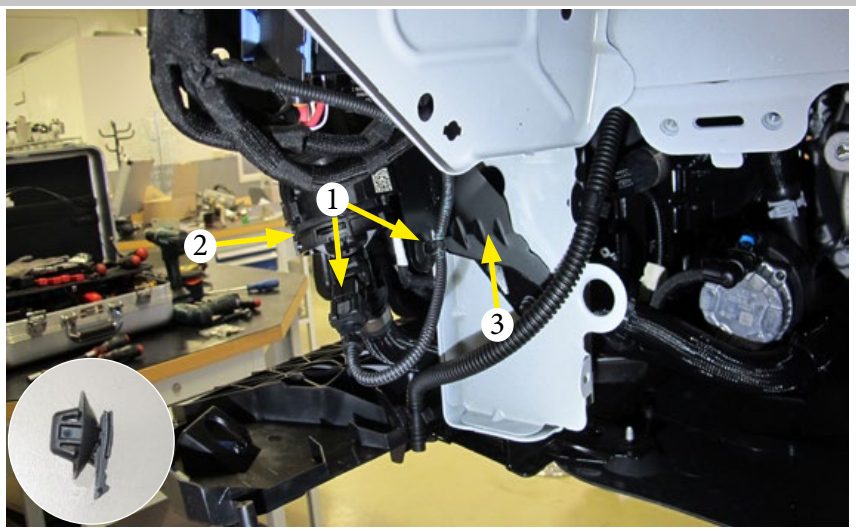


Fig. 7

1. Bend the ear behind the beam.

2. Remove the two M6 screws by cutting out the plastic sleeve and turning a quarter turn and removing the screw.

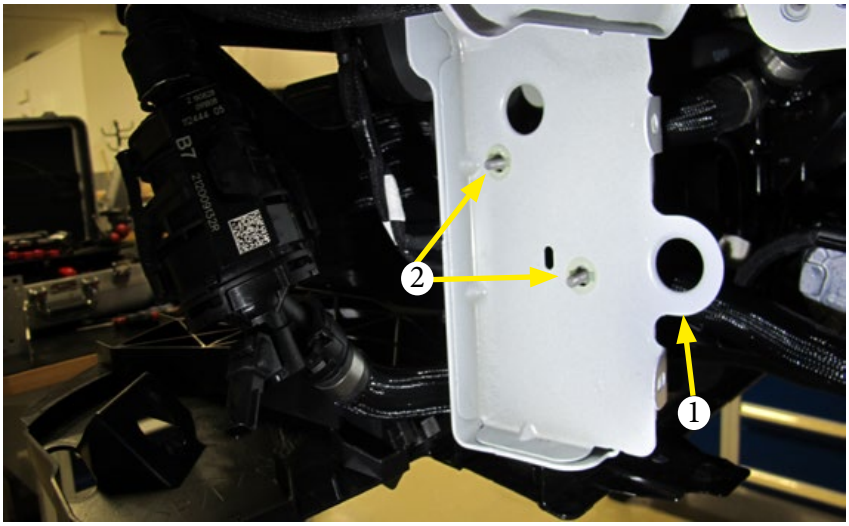


Fig. 8

1. Fit the bracket as shown in Figure 9. Mark out in the holes where the screws in the picture are located. Pre-drill with 3.5mm drill bit. Mount the bracket with 3 self-drilling screws 6.3x22mm.

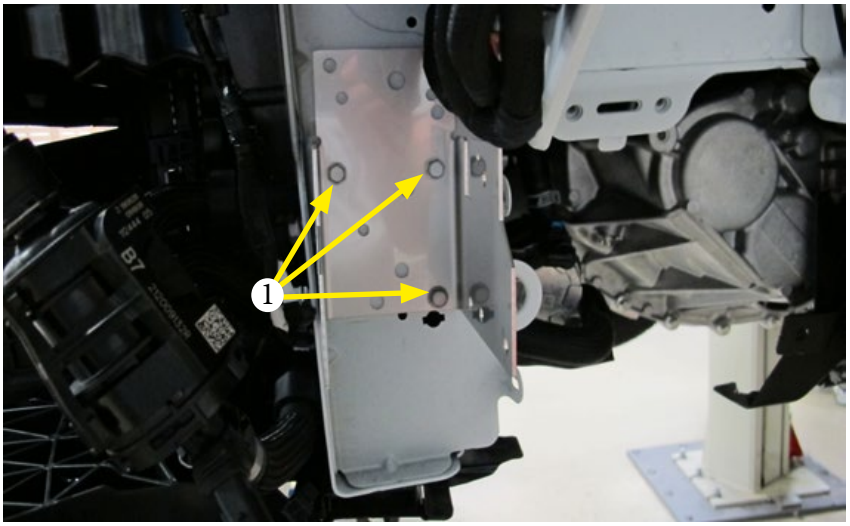


Fig. 9

4 INSTALLATION

1. Mount the heater with 2 M6x12mm screws.

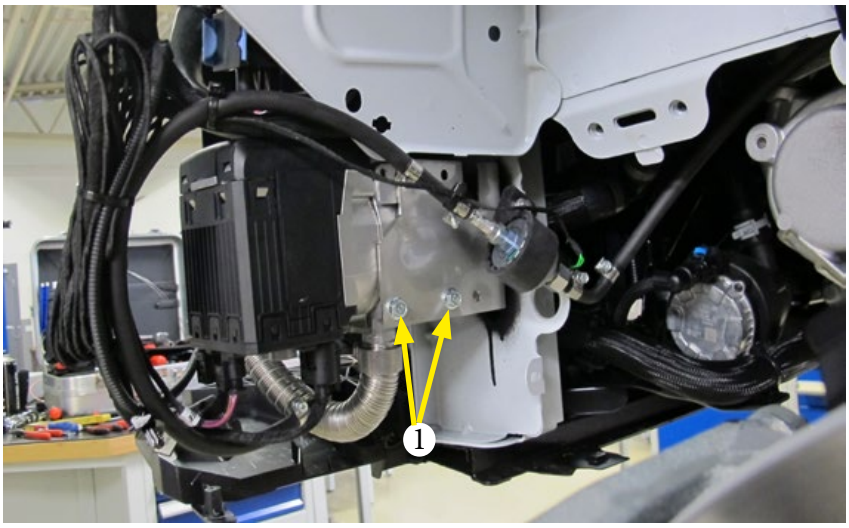


Fig. 10

1. Mount 1st M6x12mm screw into the inner hole.

NOTE: Do not mount the bracket and the 2 other screws yet!

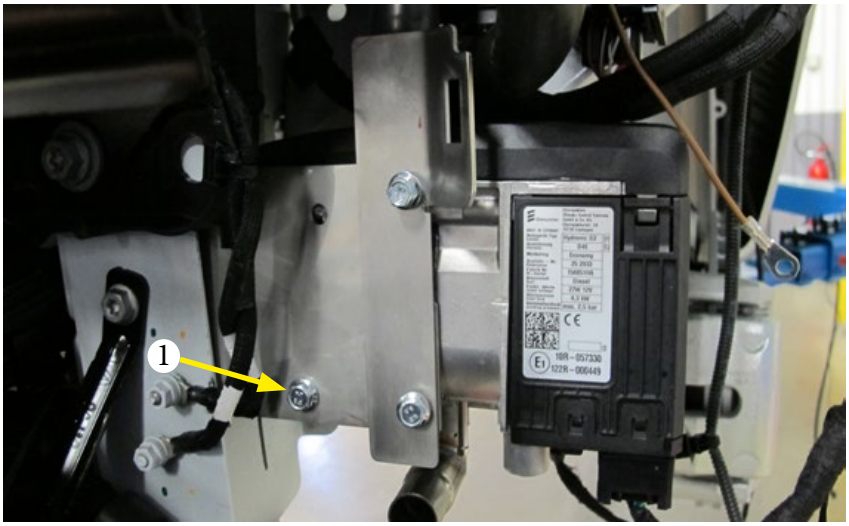


Fig. 11

1. Insert the long hose with joints behind the radiator beam, see also the next picture.

2. Mount the hose with spring clamp on the heater

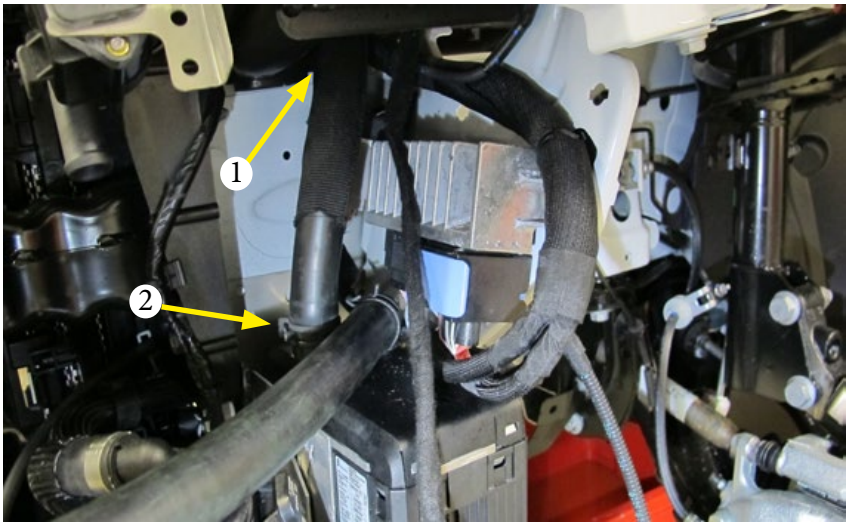


Fig. 12

4 INSTALLATION

1. The hose from the heater should go behind the radiator beam and under the battery shelf, see the dotted line.

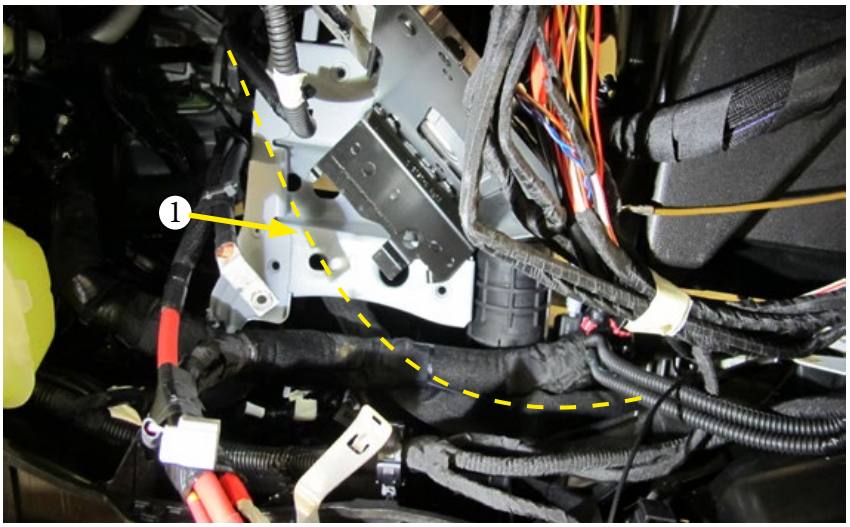


Fig. 13

1. Mount the bracket.

2. with 2 M6x12mm screws in the bracket and heater.

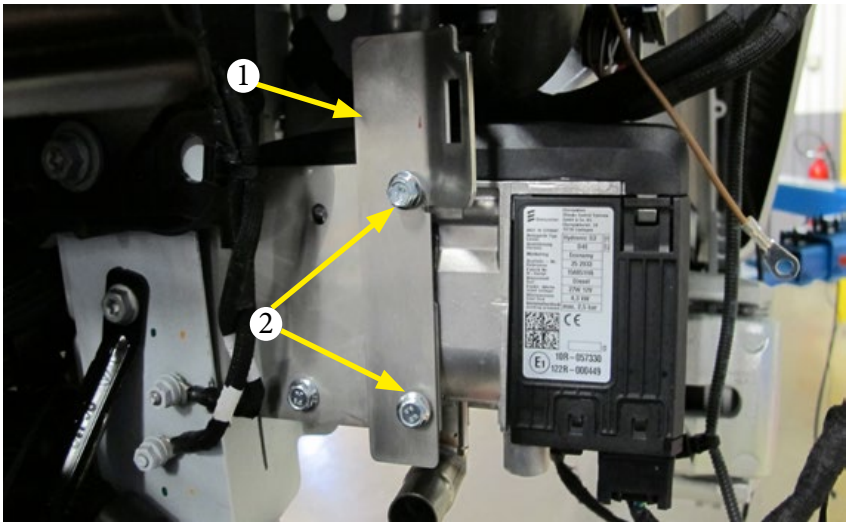


Fig. 14

1. Mount the valve to the bracket mounted on the heating bracket.

2. Install the connector to the valve.

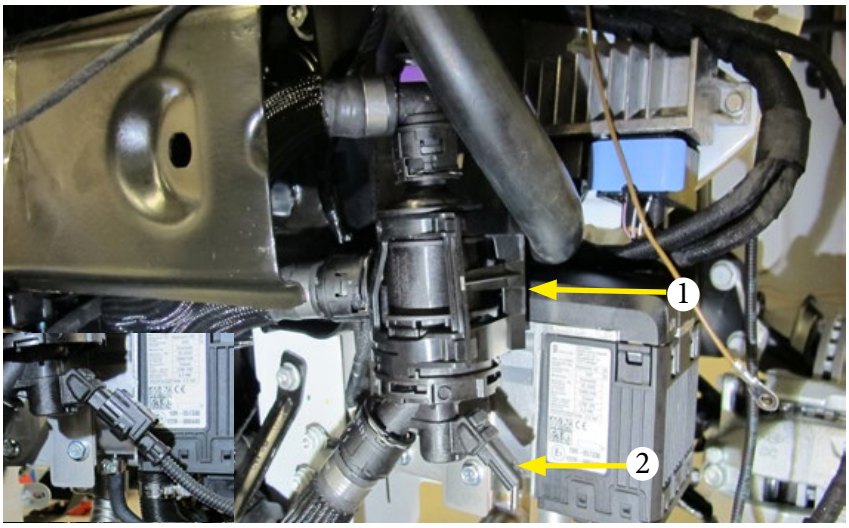


Fig. 15

4 INSTALLATION

1. Insert the hose from the water pump between the beam and the radiator.

2. Install the water pump on the existing screw (use the upper hole in the bracket as showen in picture)

3. . Connect the cable between the water pump and the heater.

4. Connect the hose from the heater to the water pump outlet.

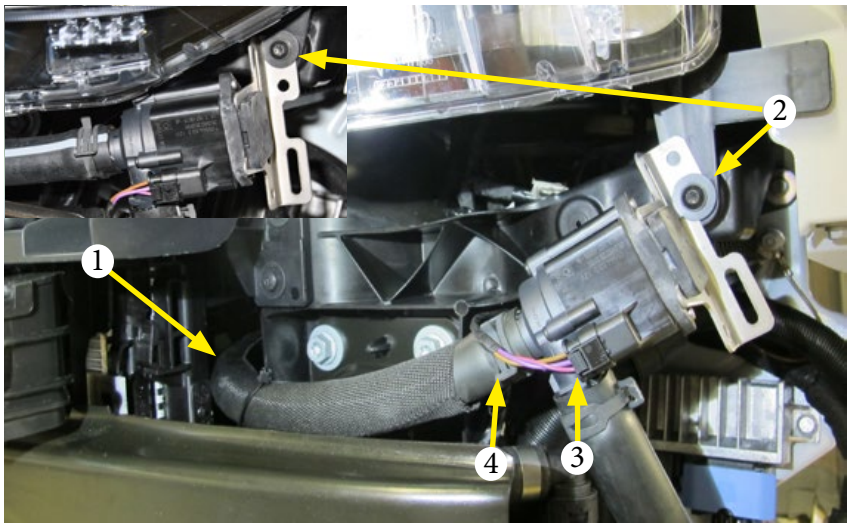


Fig. 16

1. The water hoses should be installed as shown. Hose from engine to water pump

2. Hose from heater to interior elements.

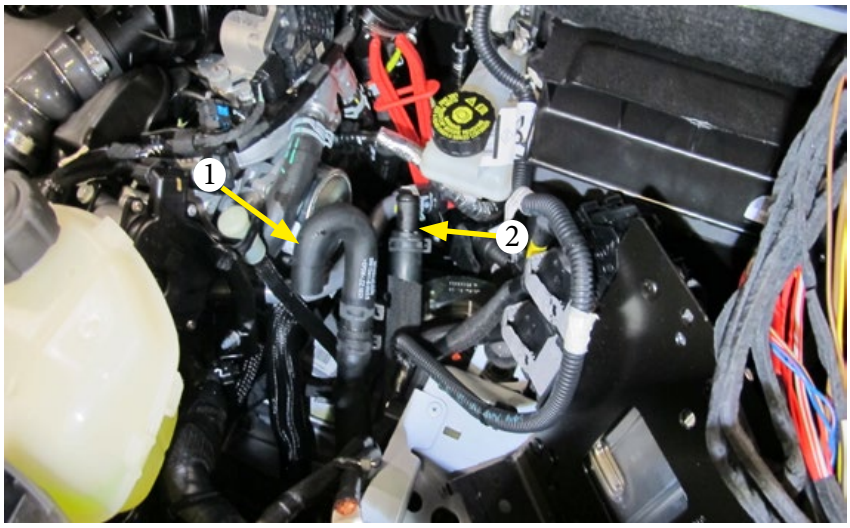


Fig. 17

1. Remove the hose from the thermostat housing.

2. Cut the hose just behind the spring clamp.

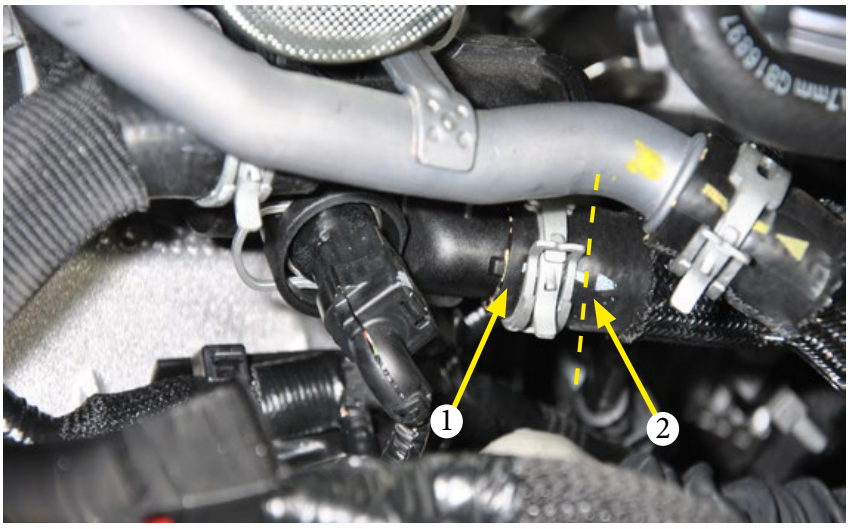


Fig. 18

4 INSTALLATION

1. Connect the hose from the heater.

2. with hose clamp to the hose for interior heat exchanger.

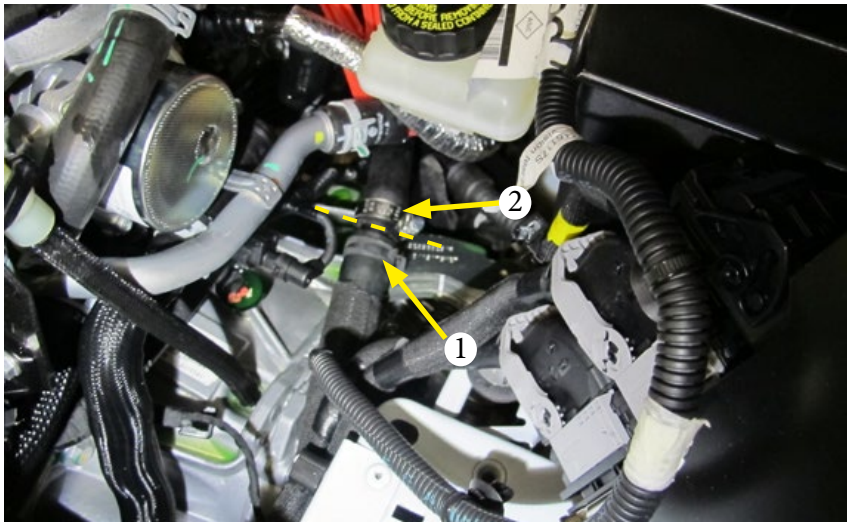


Fig. 19

1. Connect the hose with 180 ° bend, to the thermostat housing with hose clamp.

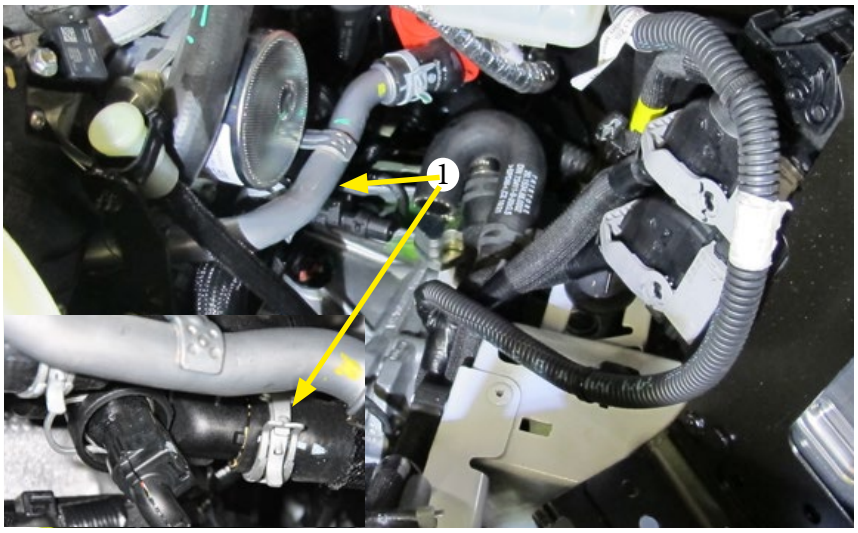


Fig. 20

1. Check that the hose clamps are not damaging other parts.

2. Fix the hoses with cable ties.

See the water circuit diagram on the next page.

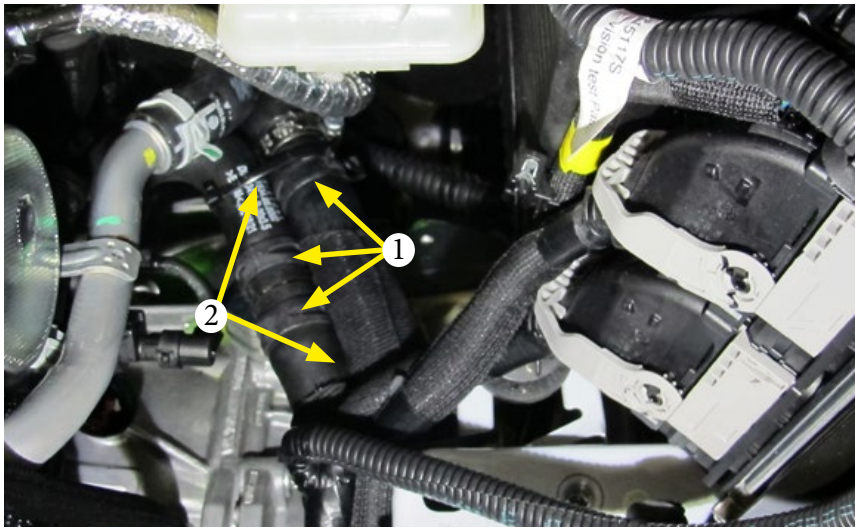
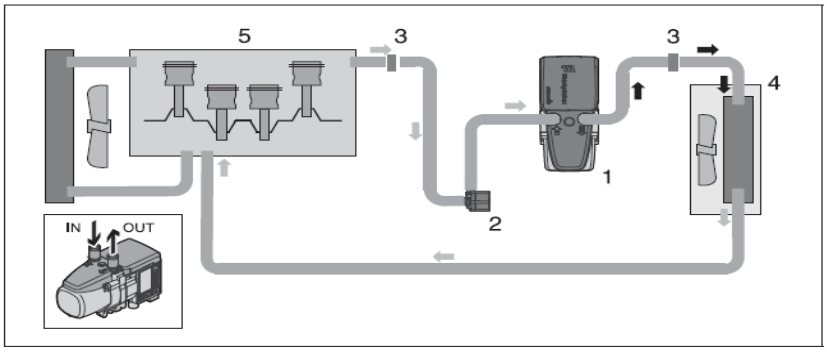


Fig. 21

4 INSTALLATION

See the water circuit.



Picture 10

1	Heater	4	Heat exchanger
2	Water pump	5	Vehicle engine
3	Connector		

Fig. 22

1. Mount the muffler into the bumper beam with M6x12 screw and nut, as shown

2. Bend the exhaust pipe as shown.

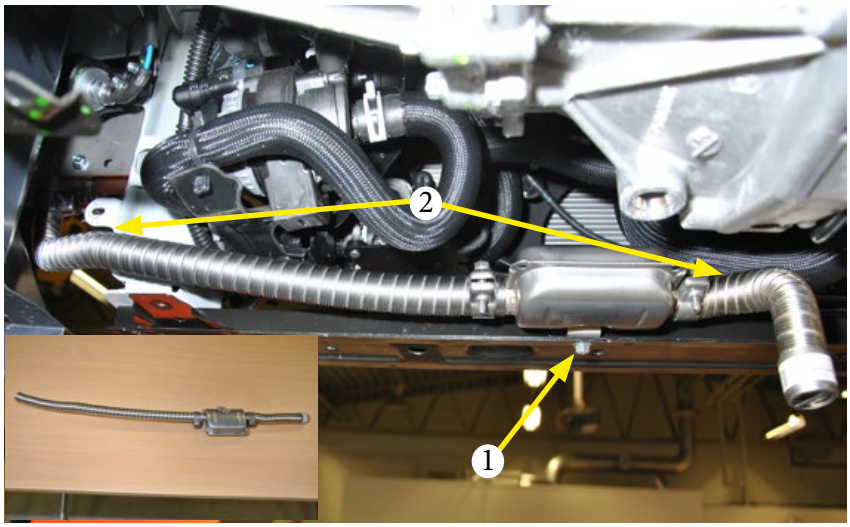


Fig. 23

CAUTION!

PLEASE NOTE!

Check that no exhaust hoses are in contact with anything in the car.

PLEASE NOTE!

Be sure the exhaust system goes free of plastic and rubber parts because it gets hot.

1. Connect the exhaust hose to the heater with the exhaust clamp.

2. Install exhaust clamp on the hose as showen.

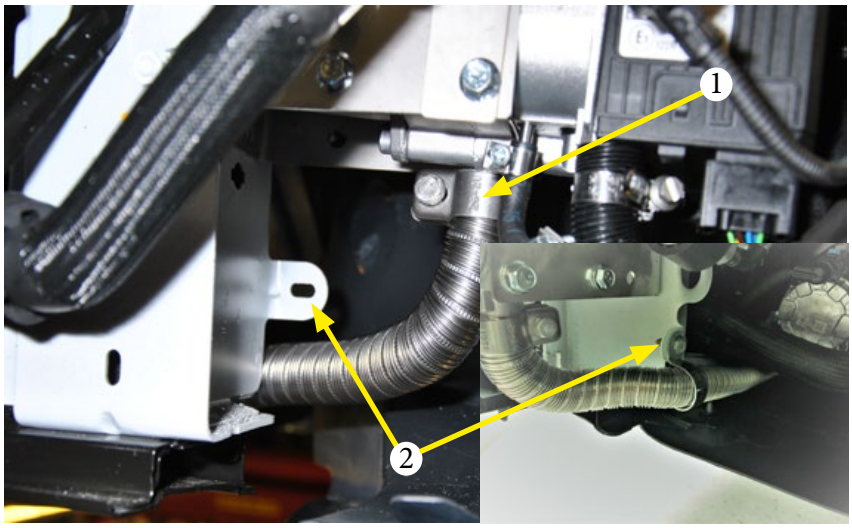


Fig. 24

CAUTION!

PLEASE NOTE!

Check that no exhaust hoses are in contact with anything in the car.

4 INSTALLATION

1. Placement overview.

.Measured and drill according to
(see Figs. 26 and 27)

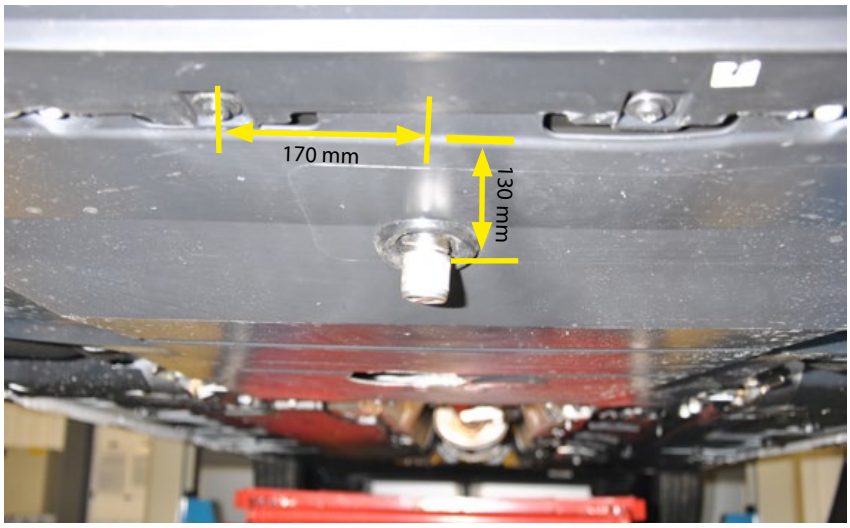


Fig. 25

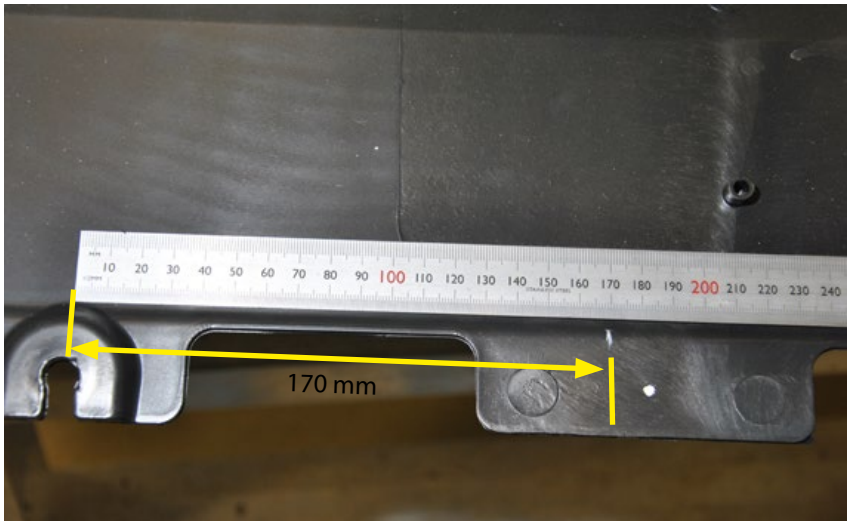


Fig. 26

1. Drill a 43mm hole in the plastic under the bumper
For the exhaust pipe from the silencer

2. Mount the black silicone gasket in the 43mm hole for
the exhaust end pipe.

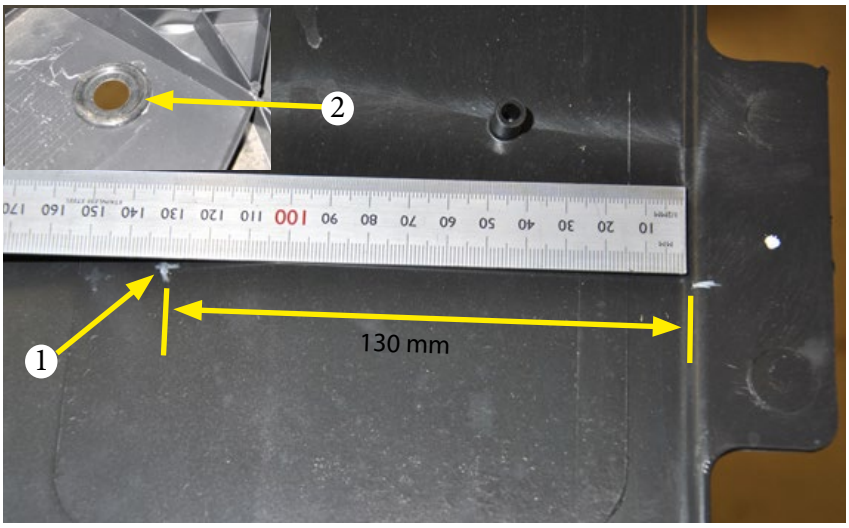


Fig. 27

4 INSTALLATION

1. Connect the earth cable from the heater cable to the earth connection.

2. Attach the combustion air hose to the water hose from the heater and the bracket with cable ties.

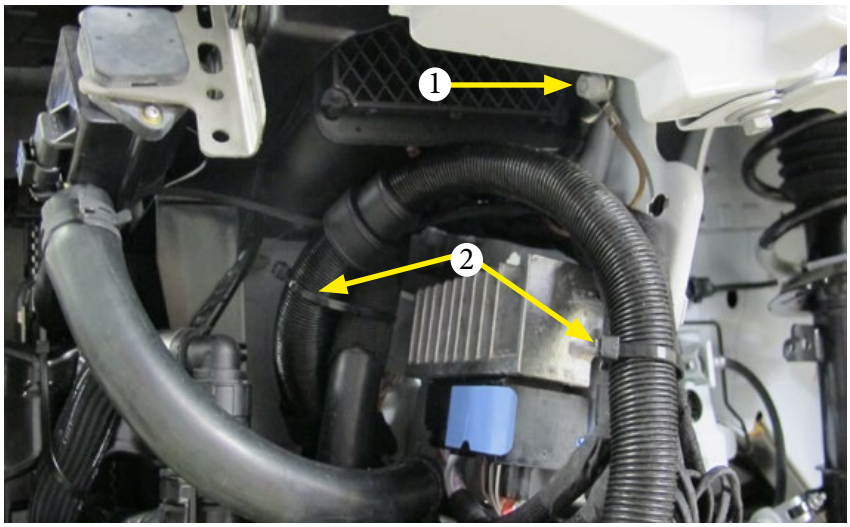


Fig. 28

1. Connect the connectors from the heater cable and the water pump to the heater.

2. Attach the cables with cable ties.

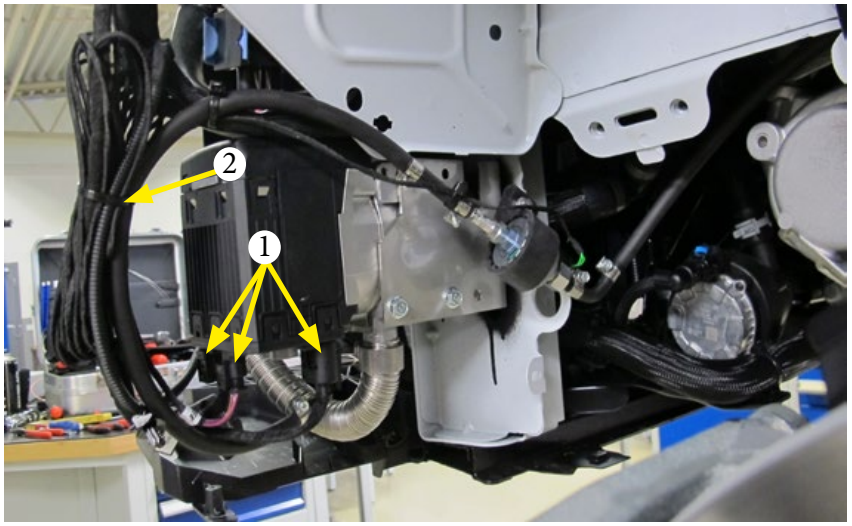


Fig. 29

1. Mount the fuel pump with M6x20mm screw and nut in the upper bracket.

2. Place the long fuel line along the frame beam backwards.

.Connect the connector to the fuel pump.
.Connect the short fuel line to the heater with a 10mm hose clamp.

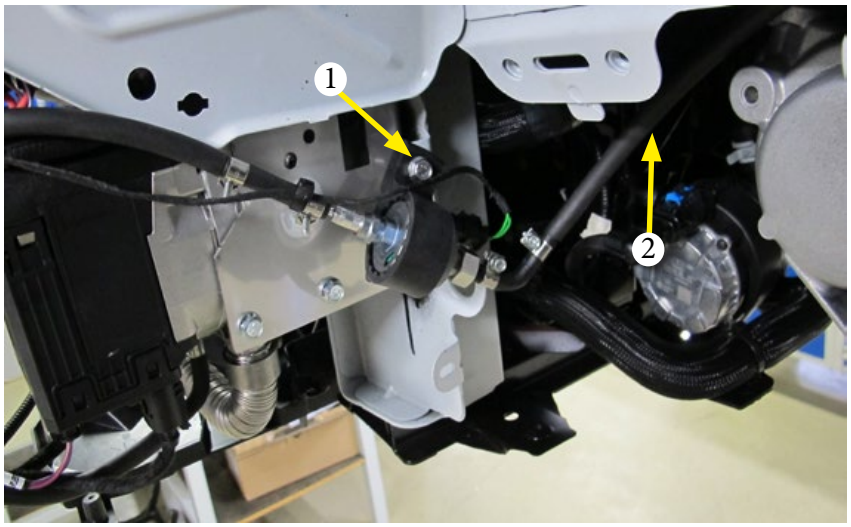


Fig. 30

4 INSTALLATION

1. Place the long fuel line along the frame beam backwards.

2. Mount cable ties with "cone" on the fuel line. NOTE: Do not tighten the cable tie, fit it into the hole nut.

3. install the clip On the fuel line.

4. install the clip on the edge of the beam.

.Connect the connector to the fuel pump.
.Connect the short fuel line to the heater with a 10mm hose clamp.

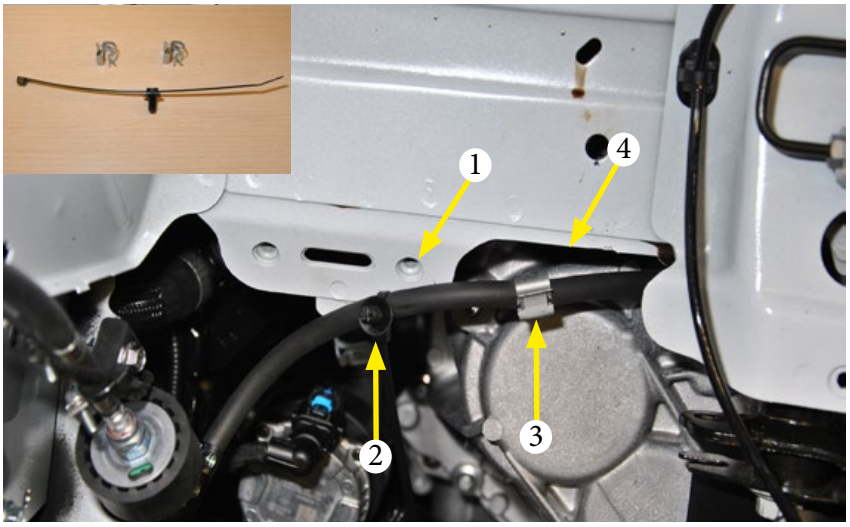


Fig. 31

1. Insert the fuel line inside.

2. Mount cable ties with "cone" the nut hole.

3. Press the clip onto the frame bar.

. Tighten the cable tie now..

NOTE. Rust protect where the clip is placed!!

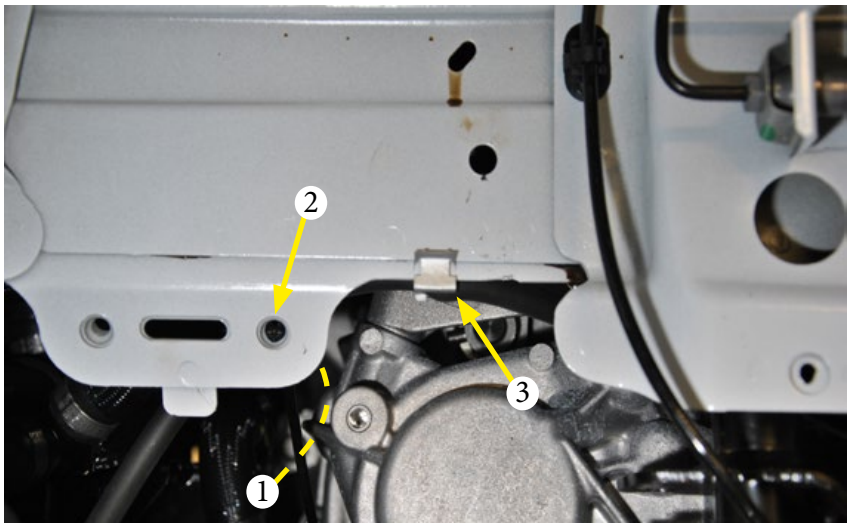


Fig. 32

1. Attach the fuel line with a cable tie at the wiring.

.The picture is taken from below between the left drive shaft and the frame wall.



Fig. 33

4 INSTALLATION

⚠ CAUTION!

1. Bend the edges of the heat shield plate so that it is not against the fuel line!
2. Pull down the fuel line and cabling against the frame wall Check to ensure that it is free from sharp edges!
3. Attach the fuel line.

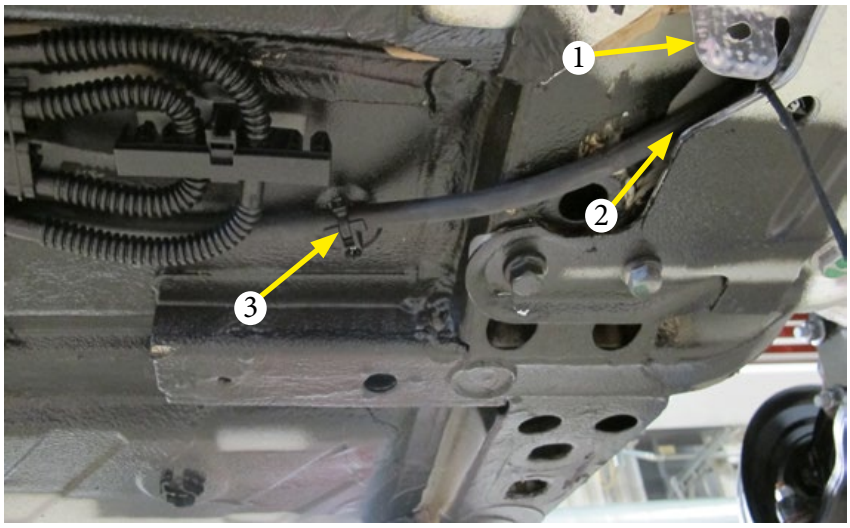


Fig. 34

1. Install the fuel line and wiring in existing brackets backwards the tank.

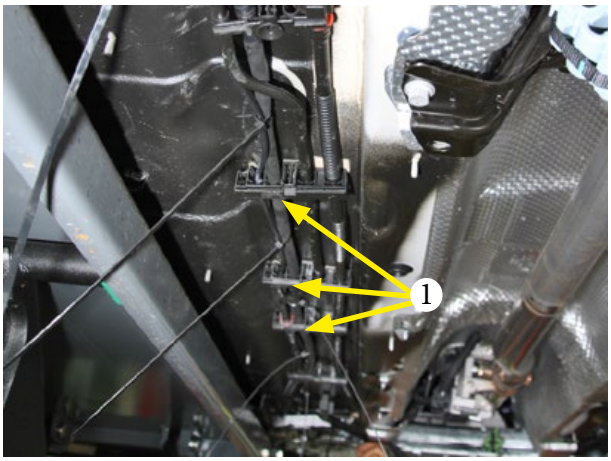


Fig. 35

1. Attach the fuel line with a cable tie.

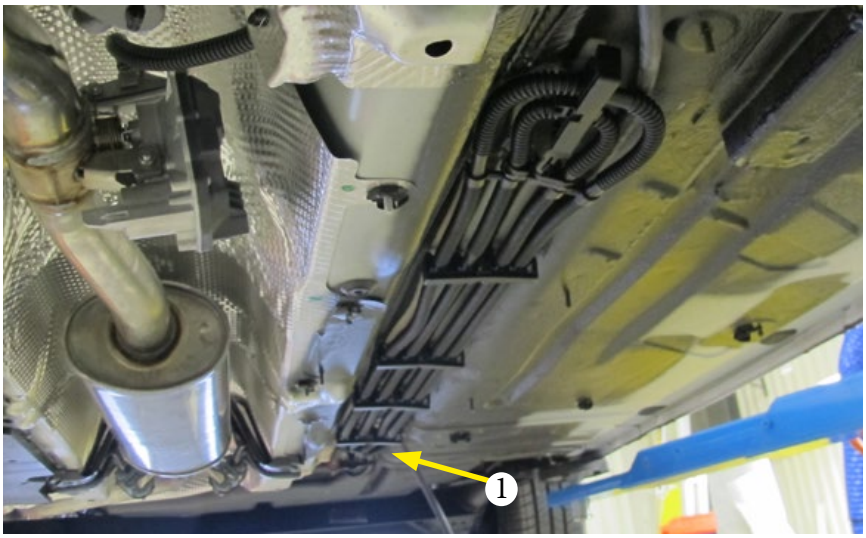


Fig. 36

4 INSTALLATION

1. Connect the fuel hose as shown.

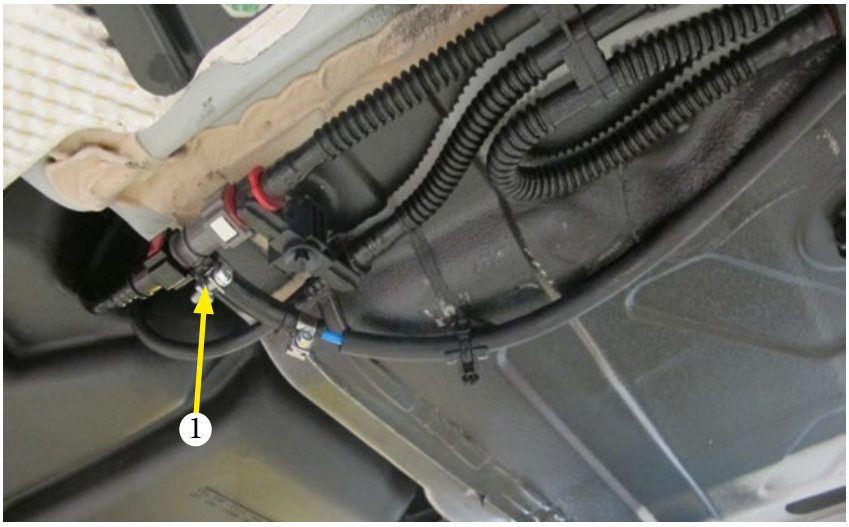


Fig. 37

1. Mount the sensor as shown.

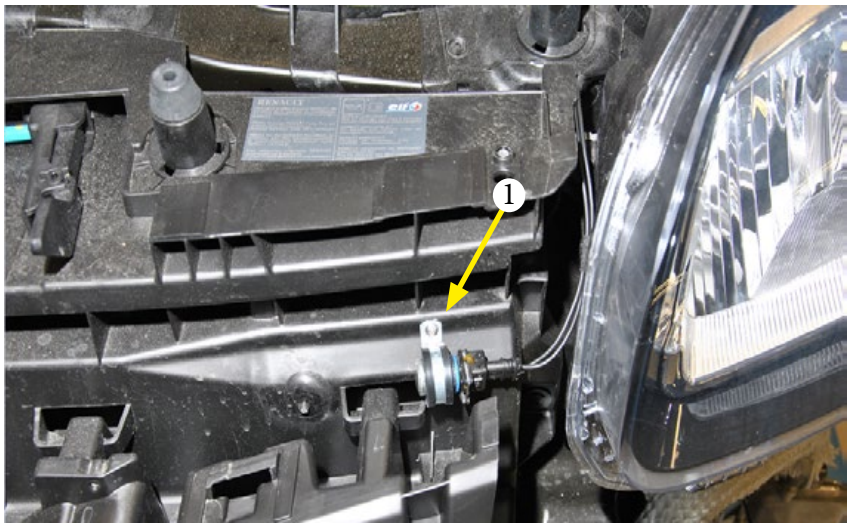


Fig. 38

1. Loose the upper connector on the engine ECU.

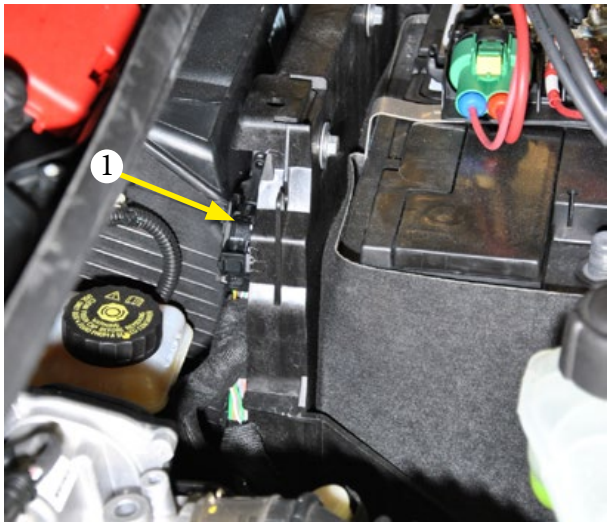


Fig. 39

4 INSTALLATION

1. Open the protective cover about 10cm.

2. Locate the yellow 0.5mm² cable in the wiring harness, pos D1 in the connector.

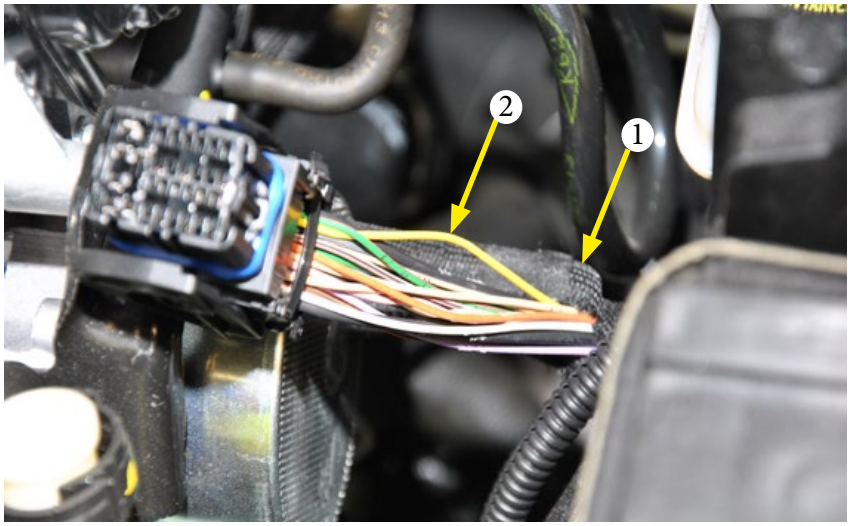


Fig. 40

1. Pull the loose cable from the temp sensor to the connector for engine ECU.

2. Cut the yellow cable and thread it in with the double insulated cable with enclosed shrink joint.

NOTE:
Do not forget to shrink the joint!
reattach the protective cover and insulate.

This connection is for the D+, Ad heater funktion.

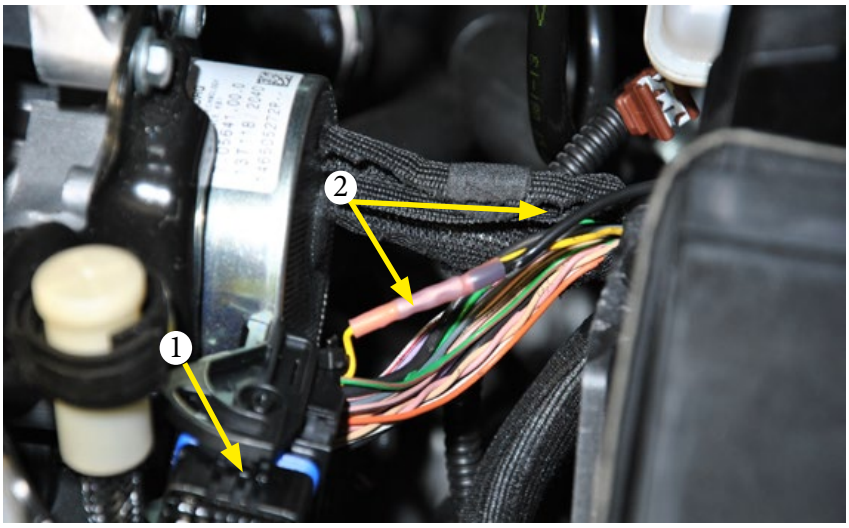


Fig. 41

1. Attached fan and timer wiring with cable ties.

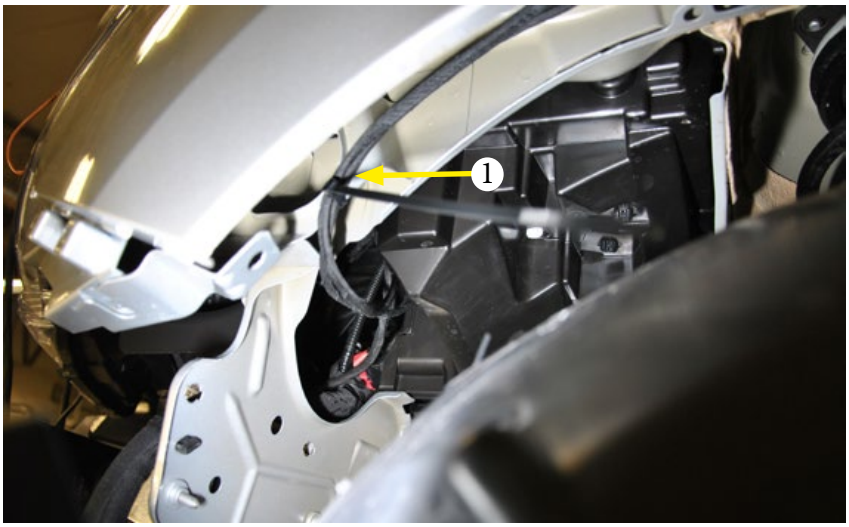


Fig. 42

4 INSTALLATION

1. Attached fan and timer wiring with cable ties.



Fig. 43

1. Remove the cover in front of the A-pillar. Carefully scrape off the sealant.

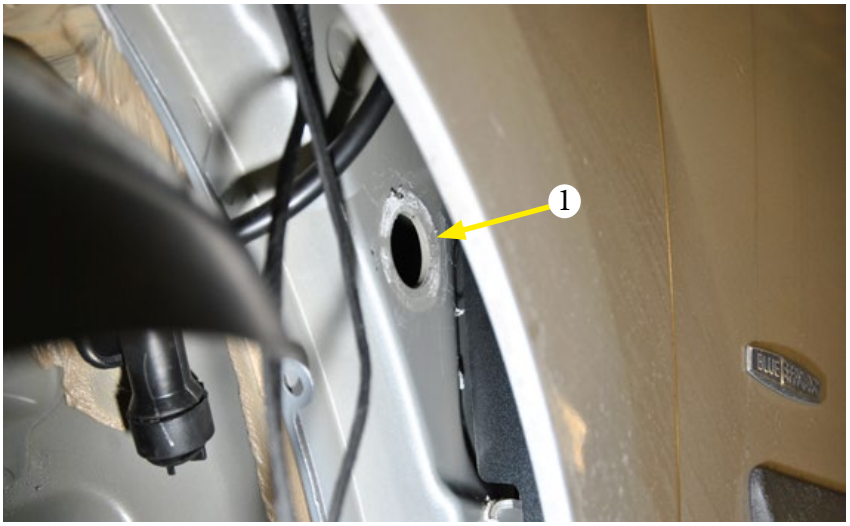


Fig. 44

1. Pull a cable puller from the wheel housing and into the compartment.

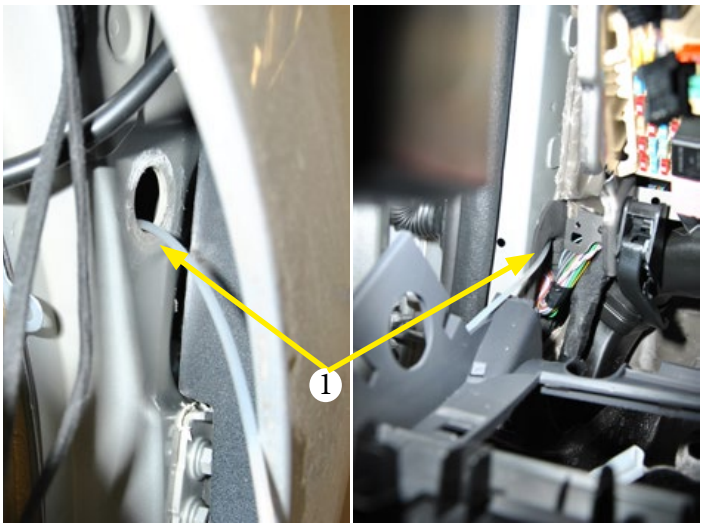


Fig. 45

4 INSTALLATION

. Make a small cut in the enclosed rubber bushing.
. performs fan and timer wiring through rubber bushing.

1. Pull the cabling into the compartment and mount the rubber bushing.

NOTE:
Do not forget to rust proof after mounting the rubber bushing.

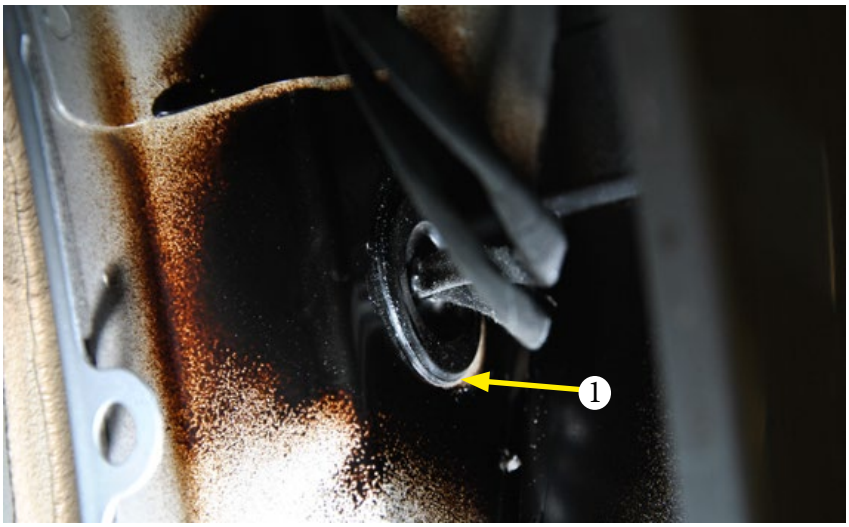


Fig. 46

1.Pull the fan cabling along the dashed line above the steering column.

NOTE:
Check by changing the position of the steering wheel so that the cables goes free.

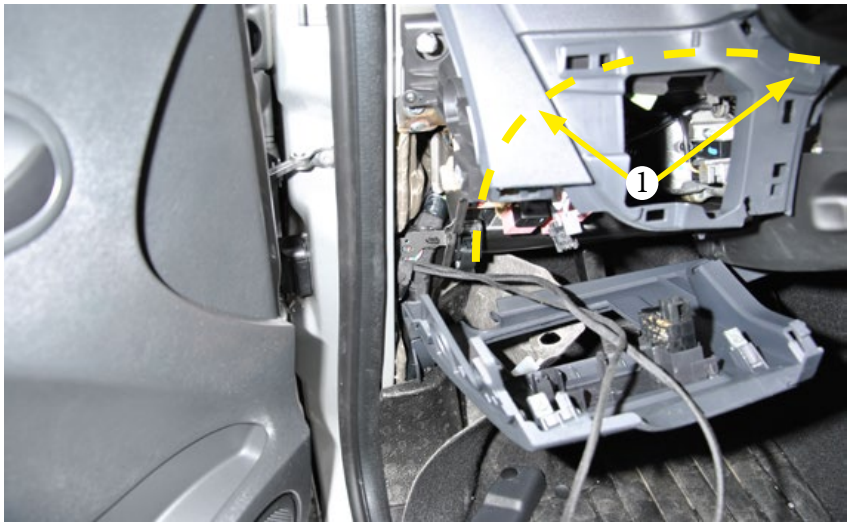


Fig. 47

1. Insert a cable puller to pull out the fan cabling.
attach the fan cabling behind the panel with cable ties..

2. Remove the insulation tape on the car's cabling.

3. Locate the two 2.5mm² yellow cables cut off both in the middle.

NOTE:
Check by changing the position of the steering wheel so that the cables goes free

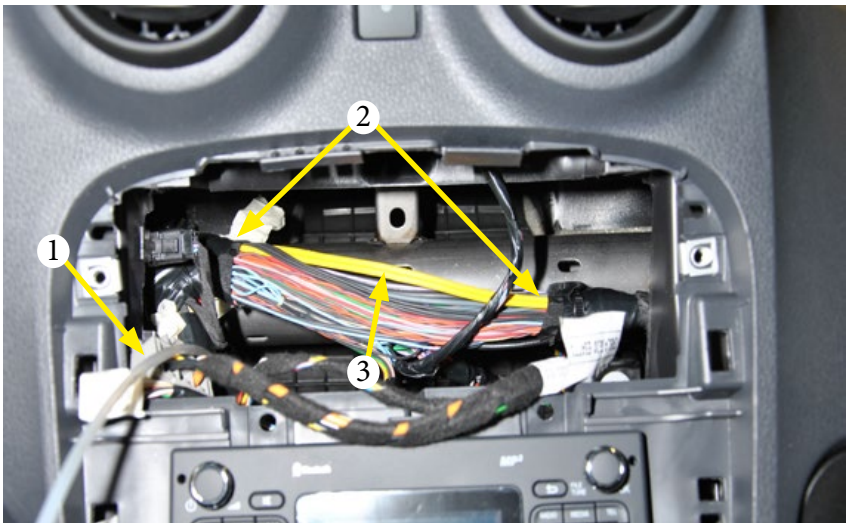


Fig. 48

4 INSTALLATION

1. 2x red cabels against 2,5 black / violet.

2. 2x black 2,5 against black.

See also wiring diagram on page 24.

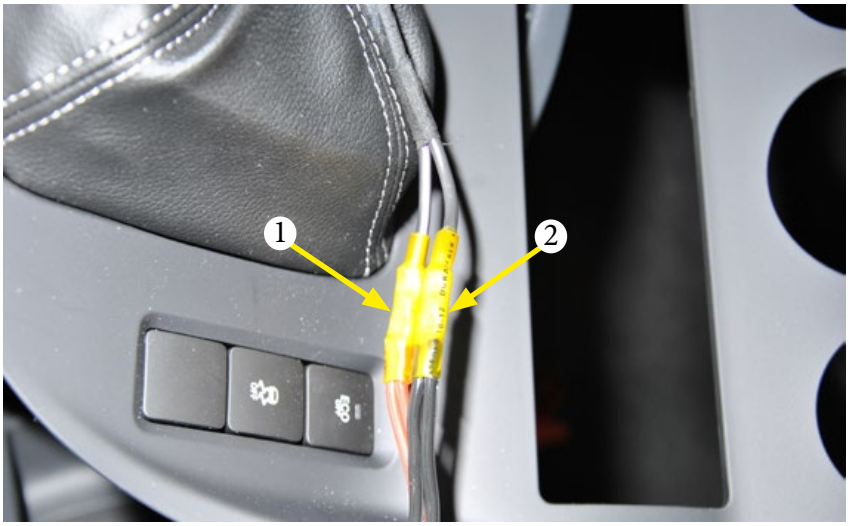


Fig. 49

1. Insulate the car's cables again.

2. Clamp on the cable connectors on the yellow cables and on the red and black cables. Install the cable connectors so that the yellow cables can be reset.

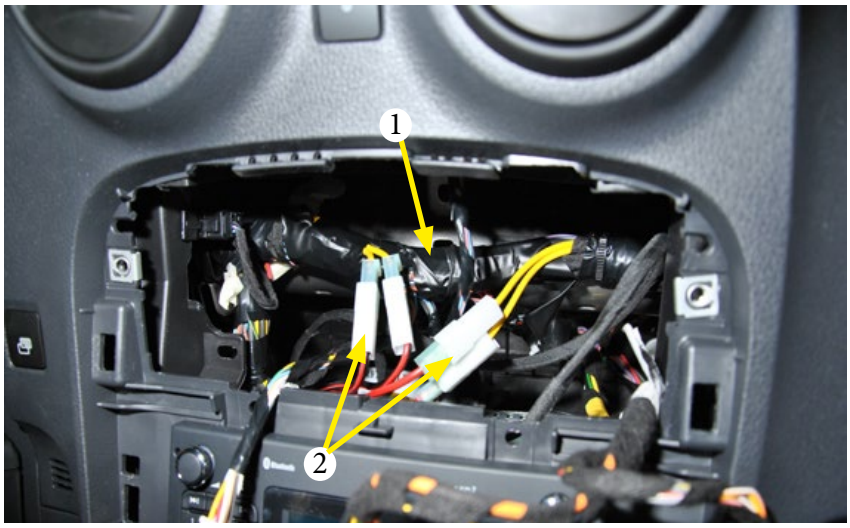


Fig. 50

1. Location of EasyStart Remote + / GSM .

2. Attach the receiver to the existing bolt.

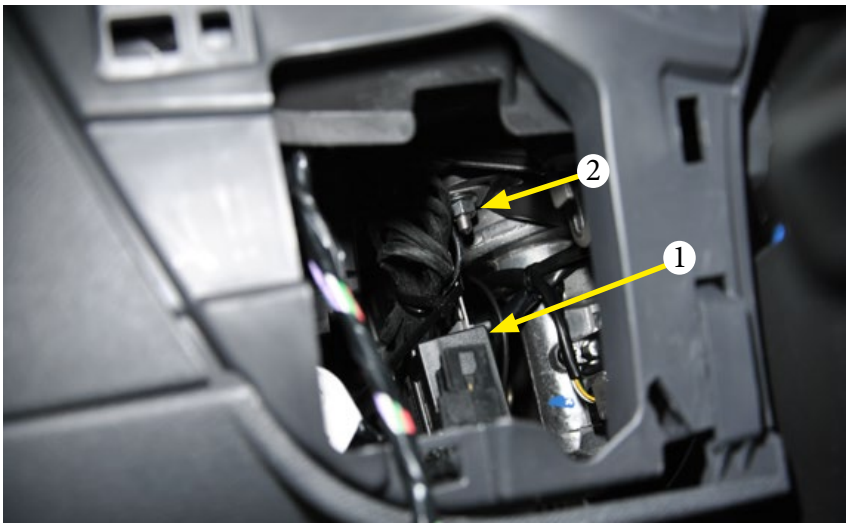
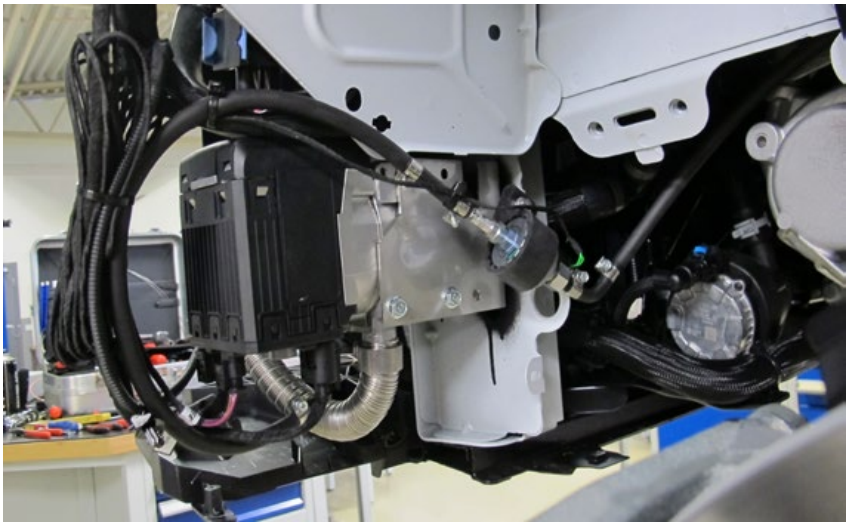


Fig. 51

4 INSTALLATION



4 INSTALLATION

1. Location of EasyStart Remote + / GSM switch .



Fig. 52

1. Fit duplicate nameplate.

Affix the duplicate nameplate to the B-column as shown.



Fig. 53

4 INSTALLATION

Manual climate control

Circuit diagram

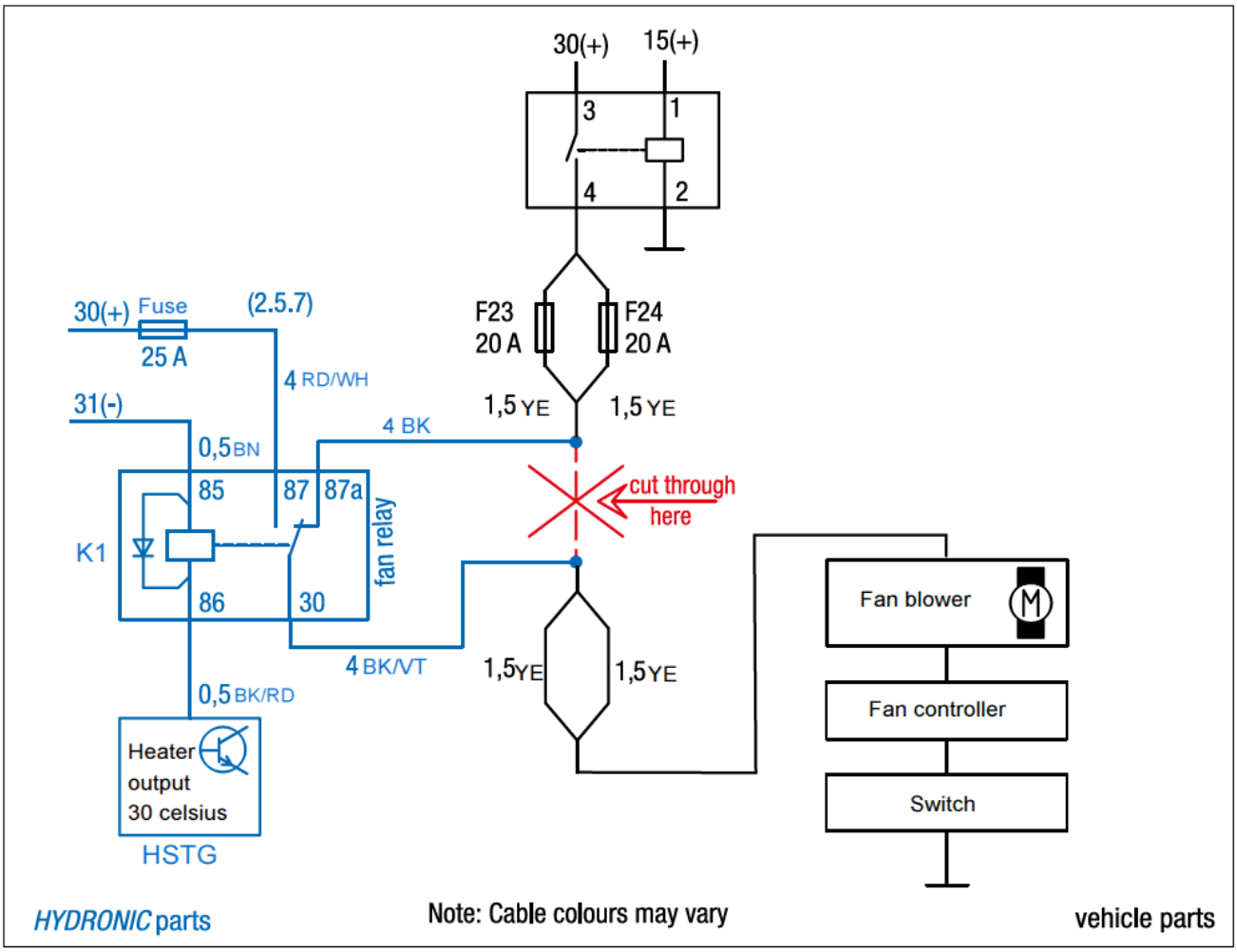


Fig. 54

CABLE COLOURS

RD	red
BK	black
BN	brown
WH	white
BU	blue
GN	green

BU	blue
OR	orange
VT	violet
YE	yellow
PK	pink

Eberspächer parts

Vehicle parts

CIRCUIT DIAGRAM LEGEND

HSTG	Heater switch output
GR/GM	Fan relay fan motor
K1	Fan relay
●	Butt-type connector

4 INSTALLATION

Automatic climate control

Circuit diagram

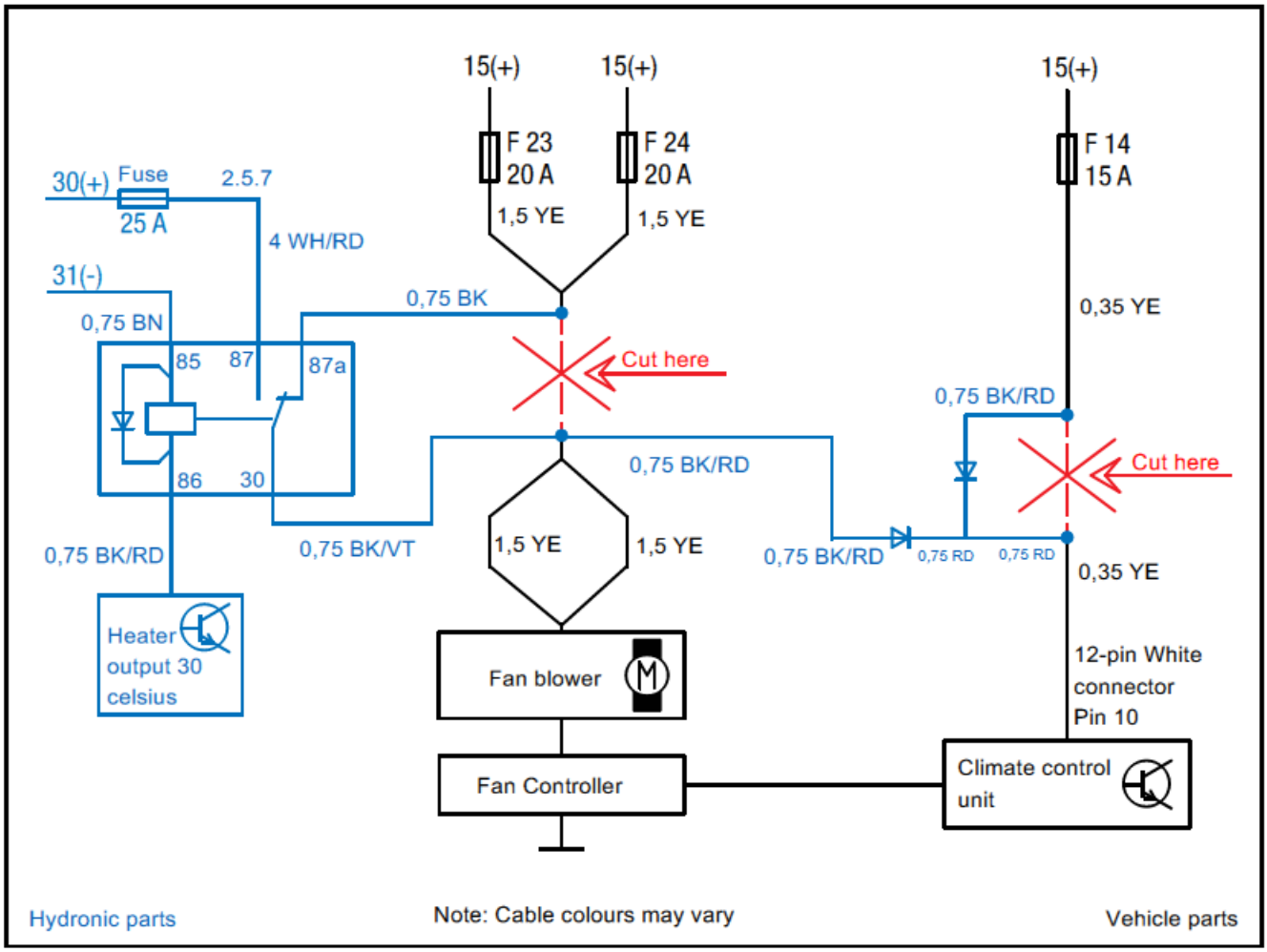


Fig. 55

CABLE COLOURS

RD	red
BK	black
BN	brown
WH	white
BU	blue
GN	green

BU	blue
OR	orange
VT	violet
YE	yellow
PK	pink

CIRCUIT DIAGRAM LEGEND

HSTG	Heater switch output
GR/GM	Fan relay fan motor
K1	Fan relay
●	Butt-type connector

Eberspächer parts

Vehicle parts

5 CONNECTION CONSTELLATIONS FOR HYDRONIC S3 12V CS

CONNECTION CONSTELLATIONS FOR HYDRONIC S3 12V CS

Please note: Only valid for the following Hydronic S3 versions **with CAN interface and S+ switching output:**

Heaters for petrol	**Order No.**
B 4 E – 12 V CS	20.2007.05.0000
B 5 E – 12 V CS	20.2008.05.0000
Heaters for Diesel	**Order No.**
D 4 E – 12 V CS	25.2933.05.0000
D 5 E – 12 V CS	25.2934.05.0000

1 Connection of Hydronic S3 12V CS to EasyStart Pro

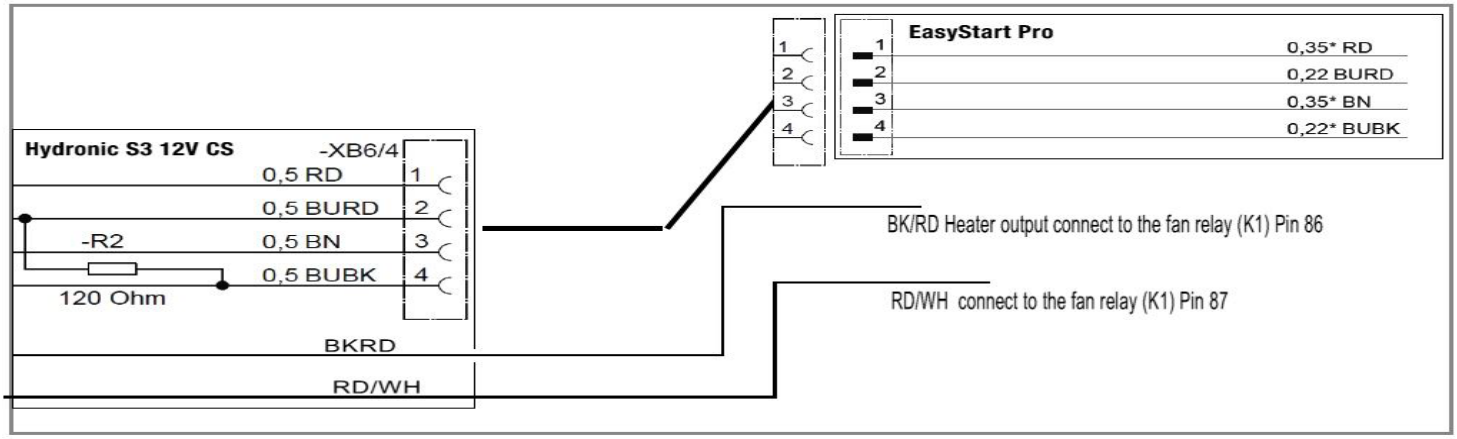


Fig. 56

3 Connection of Hydronic S3 12V CS to EasyStart Remote

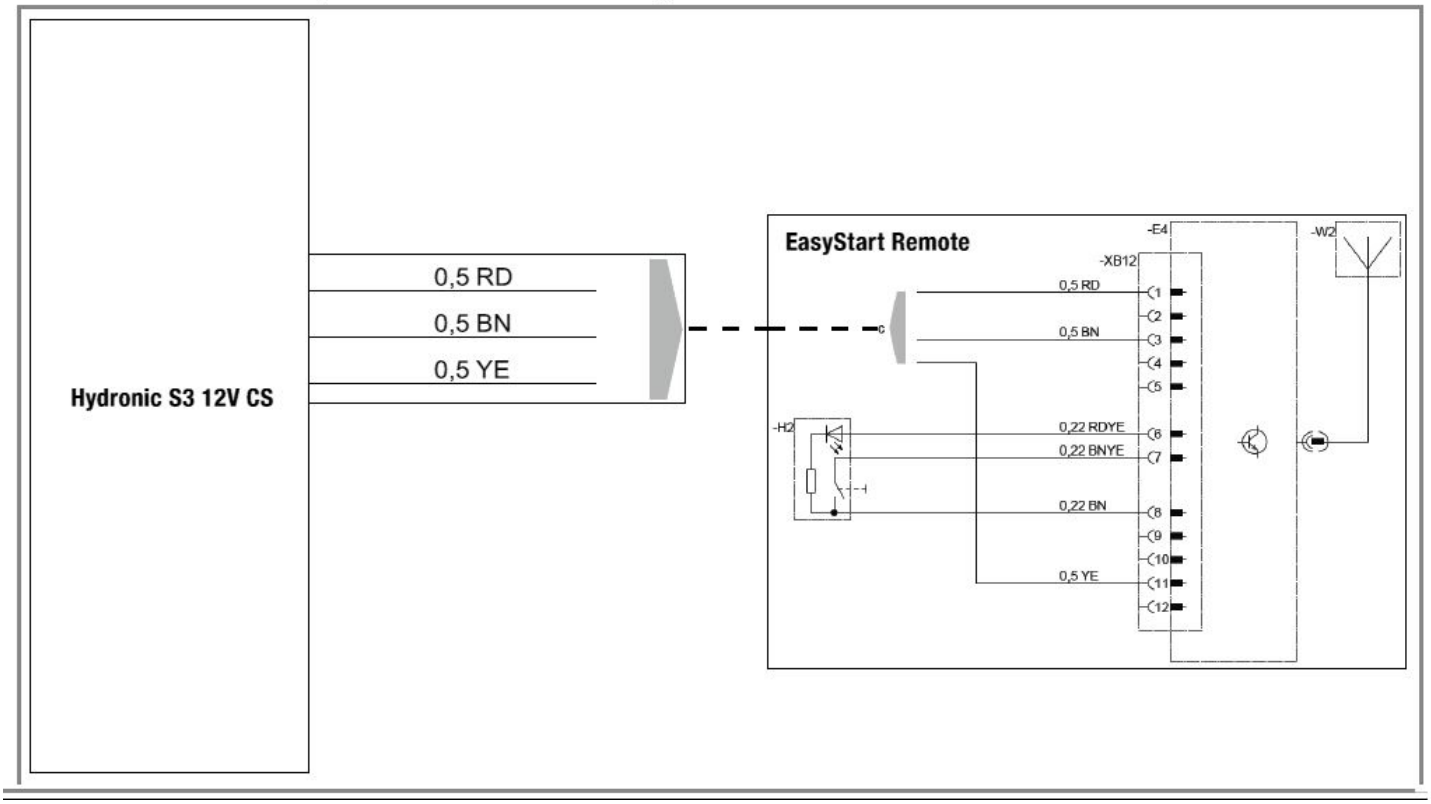


Fig. 57

5 CONNECTION CONSTELLATIONS FOR HYDRONIC S3 12V CS

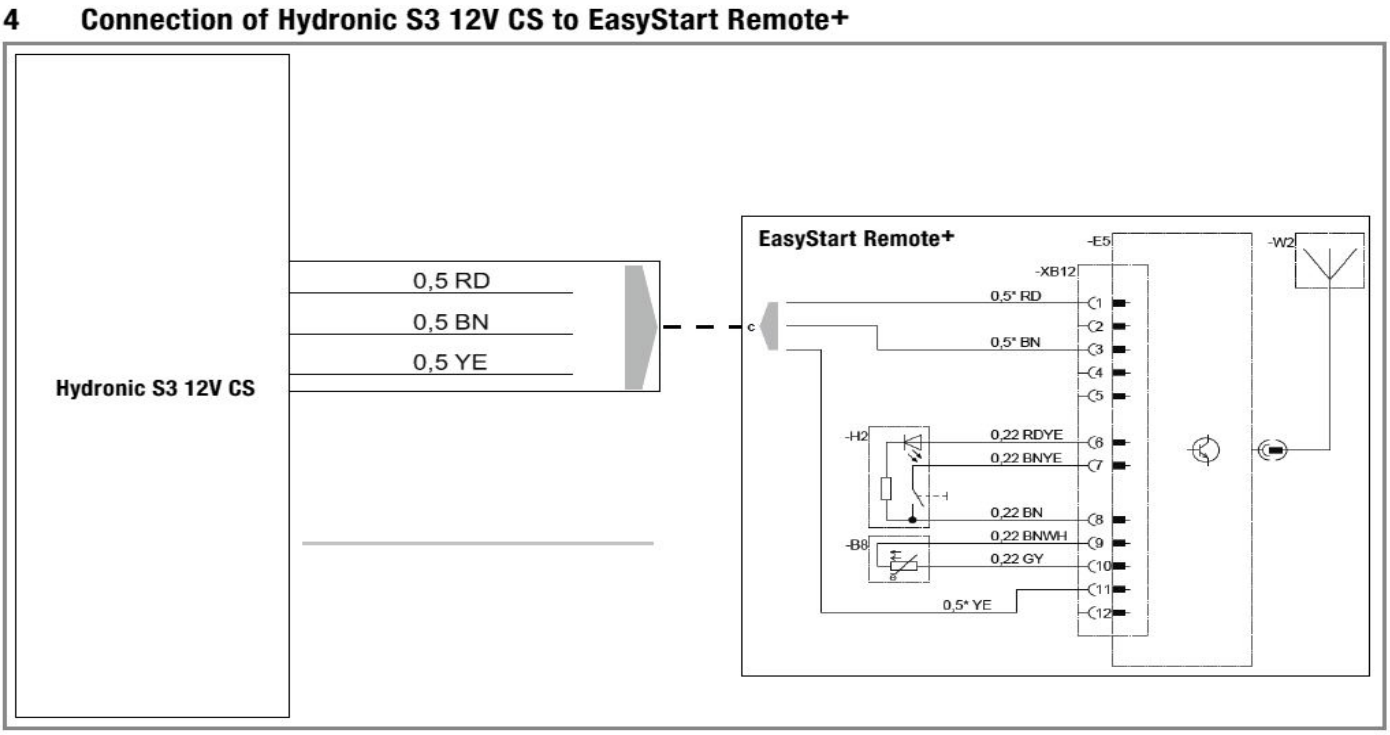
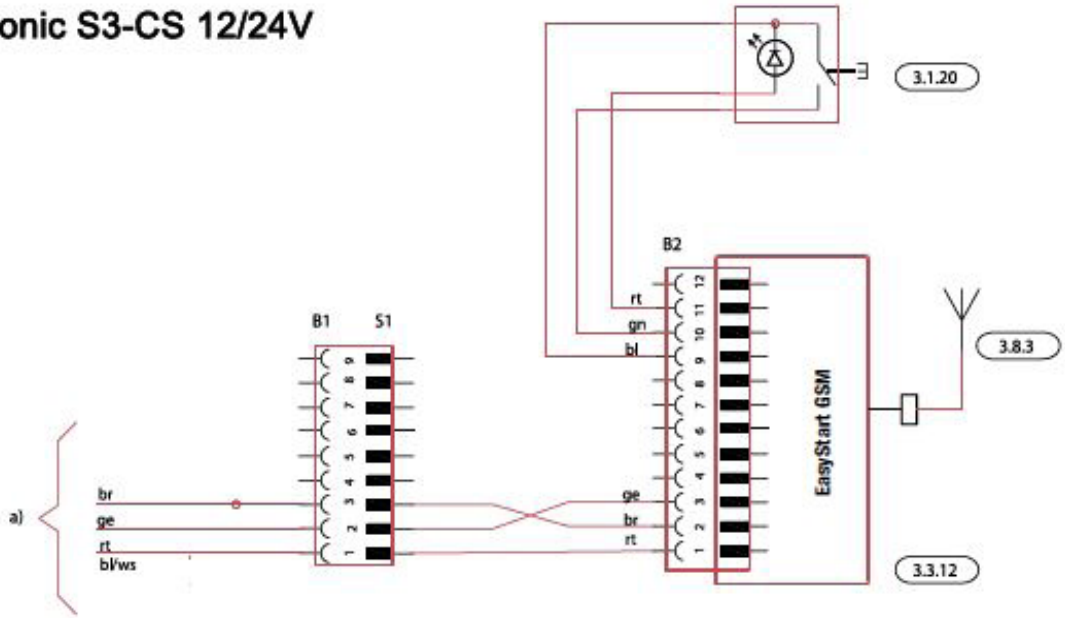


Fig. 58

Hydronic S3-CS 12/24V





ARTIKELLISTA

3.1.20 Tryckknapp EasyStart GSM

3.3.12 EasyStart GSM modul

3.8.3 Antenn

a) Inkoppling värmare

Fig. 59

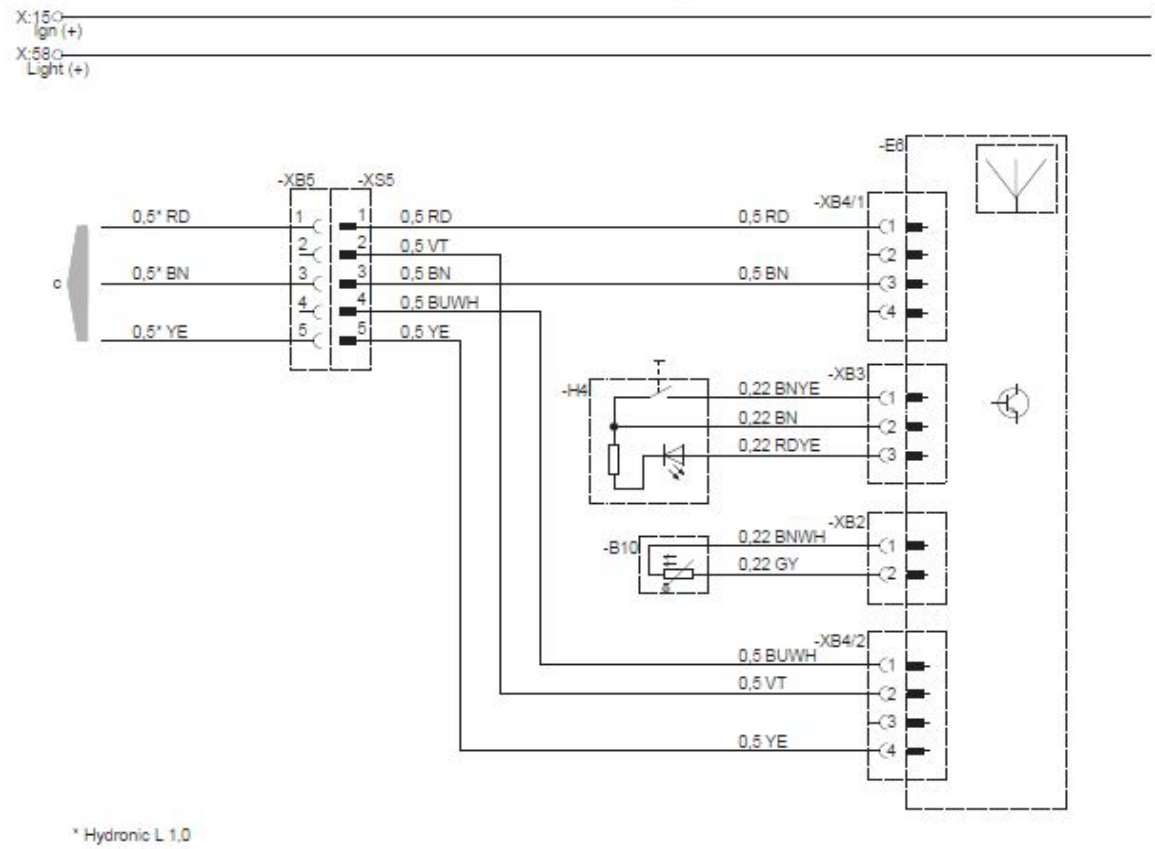
5 CONNECTION FOR HYDRONIC S3-12V-CS AND WEB 7.0-221000345100

CONNECTION OF EASYSTART WEB VIA SWITCH-ON SIGNAL S+

Hydronic I, Hydronic II, Hydronic II Comfort, Hydronic M II, Hydronic L II, upgrade box

NOTE!

Set operating mode 3. See page 31.



22 1000 34 97 83

c	to the heater
-H4	EasyStart Web button
-B10	Sensor, interior temperature
-E6	EasyStart Web

CABLE COLOURS

RD	red	GY	grey	BK	black
BU	blue	YE	yellow	GN	green
WH	white	VT	violet	BN	brown

Fig. 60

5 CONFIGURATION OF WEB 7.0-221000345100 ONLY

1. Configuration of analog heater start (yellow cable).
2. This must be done on the partner portal.

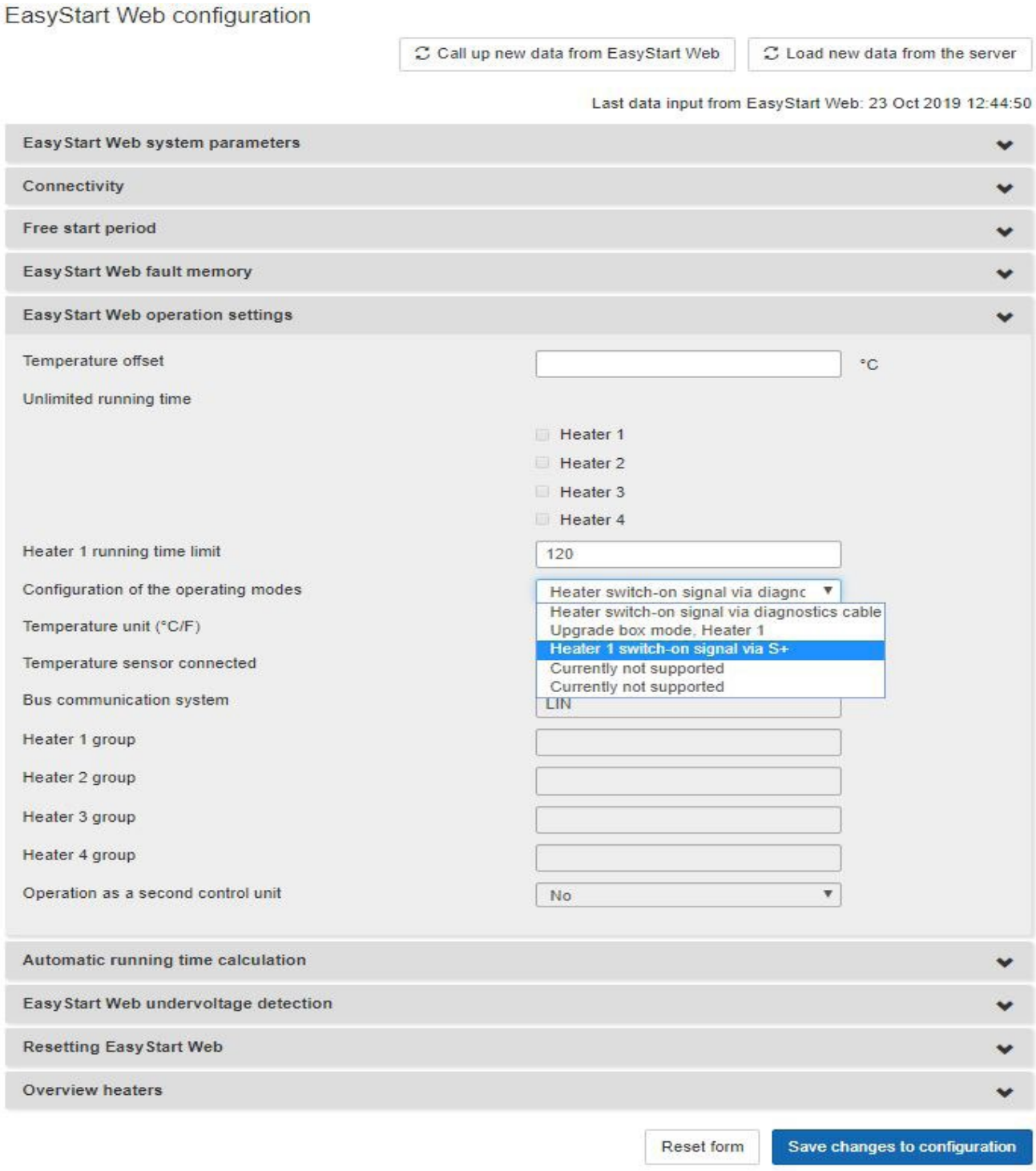


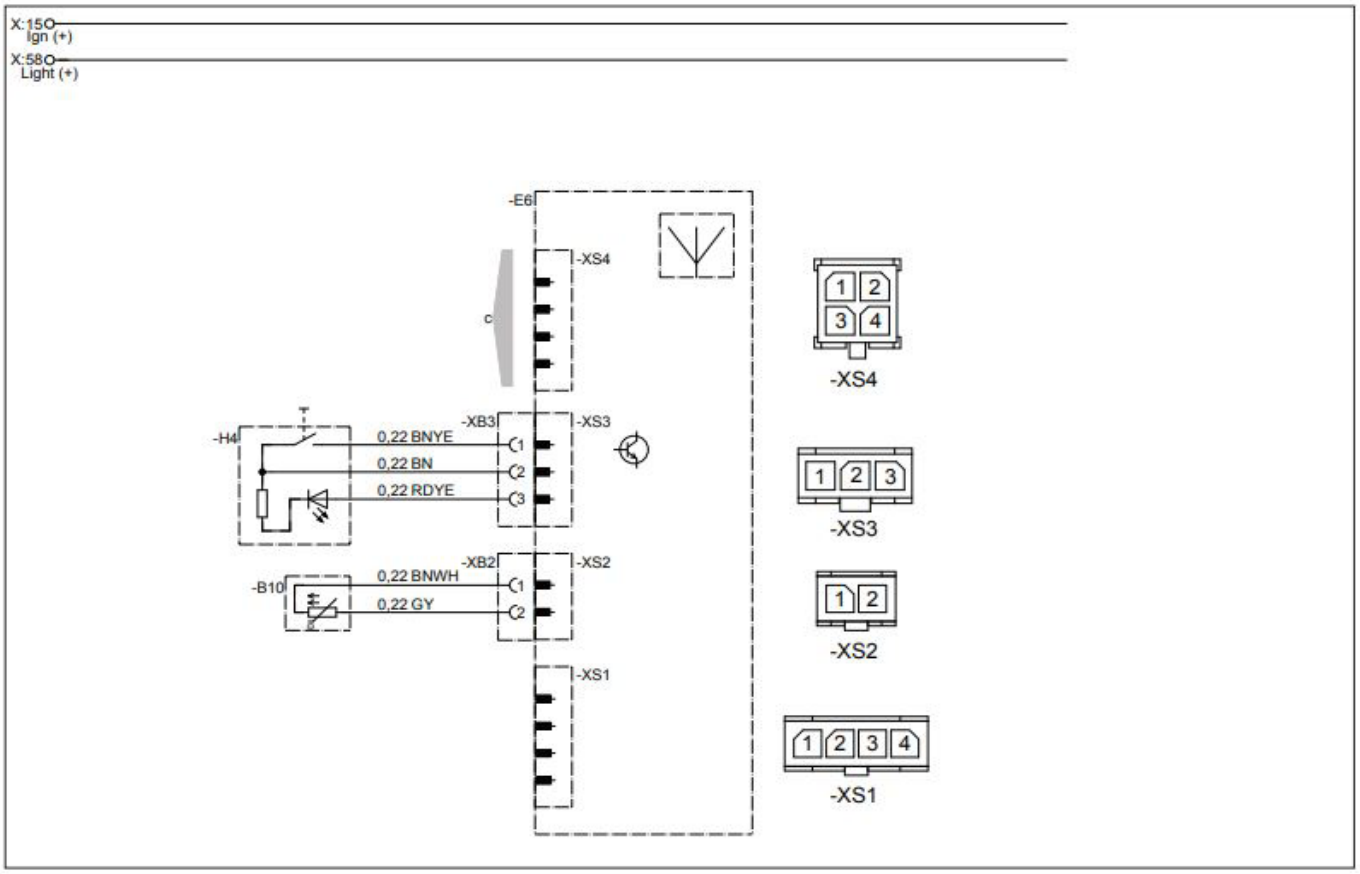
Fig. 61

5 CONNECTION FOR HYDRONIC S3-12V-CS AND WEB 7.1-221000347800

6.4 Circuit diagram, EasyStart Web connection to Hydronic S3 CS

Note

These installation instructions describe the standard configuration. For details of enhanced configuration of the EasyStart Web with control units and for special functions, the "Installation Instructions PLUS – Easy Start / Altitude Kit / Special Functions and Diagnosis" are available to view and download from the partner portal.



Parts list

22.1000.34.97x2.0x

-E6 EasyStart Web radio remote control
-H4 EasyStart Web button
-B19 Sensor, interior temperature
c to the heater

Cable colours

RD	red	GR	grey	BK	black	WH	white	VT	violet
BU	blue	YE	yellow	GN	green	OR	orange	BN	brown

Fig. 62

5 CONFIGURATION OF WEB 7.0-221000345100 AND 7.1-221000347800

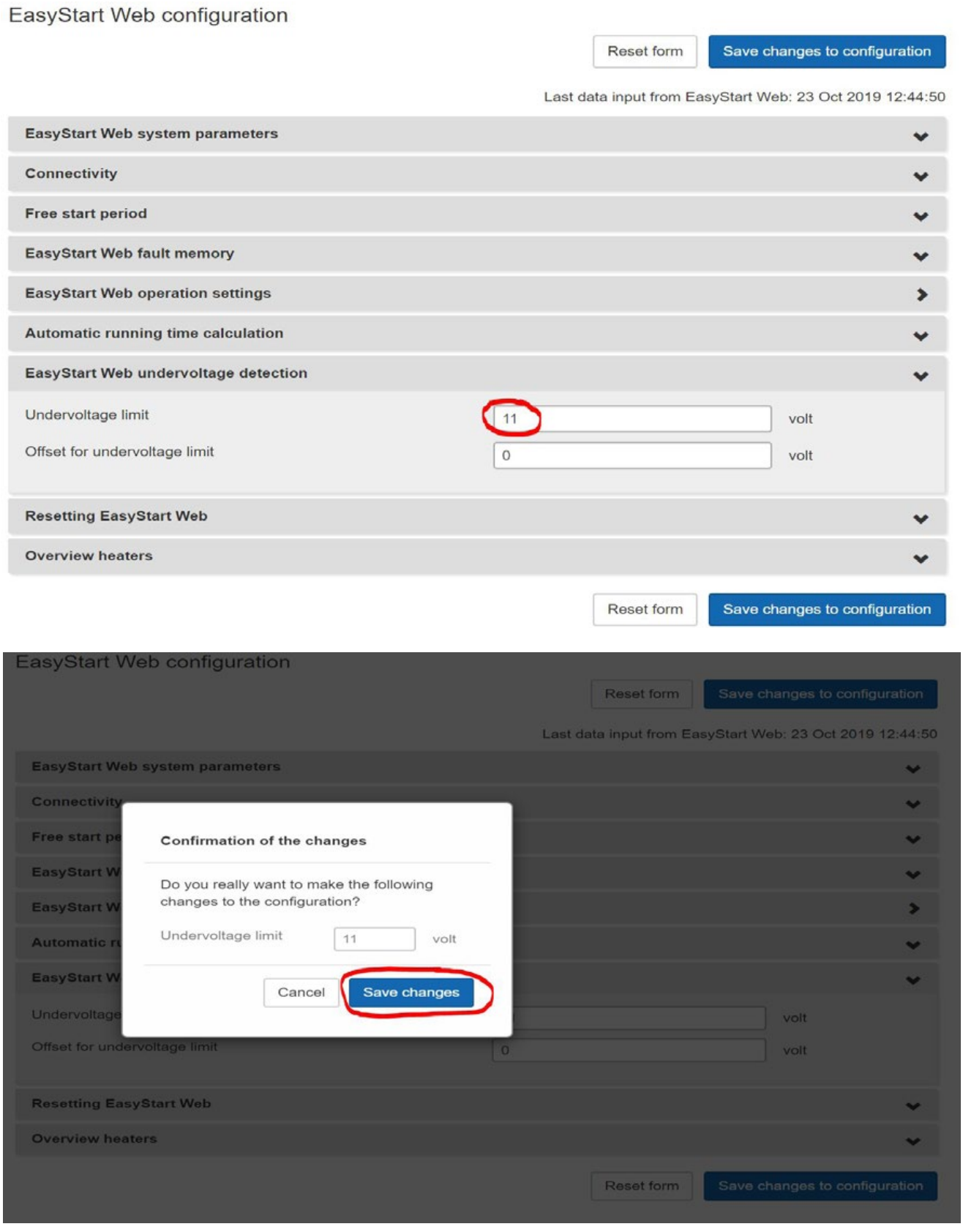


Fig. 63

7 INITIAL COMMISSIONING (EASYSTART REMOTE)

CARRY OUT INITIAL COMMISSIONING

For initial commissioning, the following steps must be carried out one after the other.

- Insert the battery into the mobile unit
  Insert the battery supplied in the mobile unit, as described in the EasyStart Remote operating instructions, in the "Maintenance / Replacing the Battery" chapter. Do not activate the mobile unit yet.

- Applying the operating voltage
  The operating voltage is applied by inserting the fuse into the fuse holder.
  Automatic detection
  Five seconds after applying the operating voltage the button's LED starts to light up. The radio remote control now checks which heater is connected and configures the user prompting of the mobile unit.

- Teaching the mobile unit
  If the button's LED starts to flash, the mobile unit can be "teached" (programmed).

Note on the Add teaching mode
The Add function can be used to teach up to 4 mobile units to one stationary unit; but only one mobile unit can make contact with the stationary unit

Notes on the AddE teaching mode
The AddE is only used to teach the current mobile unit. All previously "teached" mobile units are deleted.

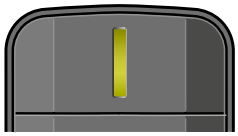
PLEASE NOTE!

If the mobile unit is not teached within 30 seconds, the button's LED indicator goes out.
Press the button until the LED starts to flash. Then teach the mobile unit.

Teach mobile unit - ADD teach mode

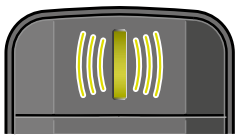
Press the  button or .

If the connection has been set up between the mobile unit and the stationary unit the LED indicator begins to flicker. The mobile unit is in Add teach mode.



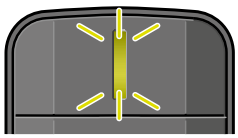
Data transmission
LED: lights up green





LED: flickers green

Confirm Add teach mode by pressing the  button while the LED indicator is flickering green.



LED: flashes 2x green

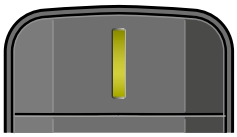
The mobile unit is taught.

7 INITIAL COMMISSIONING (EASYSTART REMOTE)

TEACH MOBILE UNIT - ADDE TEACH MODE

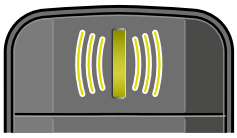
Press the button or .

If the connection has been set up between the mobile unit and the stationary unit the LED indicator begins to flicker. The mobile unit is in Add teach mode.



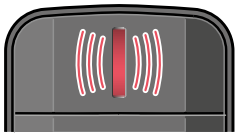
Data transmission
LED: lights up green





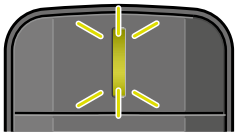
LED: flickers green

Press the button while the green LED is flickering.



LED: flickers red

Confirm AddE teach mode by pressing the button while the LED indicator is flickering green.



LED: flashes 2x green

The mobile unit is taught.

TEACH AN ADDITIONAL MOBILE UNIT

- Press the button installed in the vehicle until the button's LED starts to flash.
- While the LED in the button is flashing, activate the mobile unit as described under "Teaching the mobile unit".

7 INITIAL COMMISSIONING (EASYSTART REMOTE+)

CARRY OUT INITIAL COMMISSIONING

For initial commissioning, the following steps must be carried out one after the other.

INSERT THE BATTERY INTO THE MOBILE UNIT.

Insert the battery supplied in the mobile unit, as described in the EasyStart Remote+ operating instructions, in the "Maintenance / Replacing the Battery" chapter. Do not activate the mobile unit yet.

APPLYING THE OPERATING VOLTAGE

The operating voltage is applied by inserting the fuse into the fuse holder.

AUTOMATIC DETECTION

Five seconds after applying the operating voltage the button's LED starts to light up. The radio remote control now checks which heater is connected and configures the user prompting of the mobile unit.

TEACHING THE MOBILE UNIT

If the button's LED starts to flash, the mobile unit can be "teached" (programmed).

NOTE ON THE ADD TEACHING MODE

The Add function can be used to teach up to 4 mobile units to one stationary unit; but only one mobile unit can make contact with the stationary unit

Notes on the AddE teaching mode

The AddE is only used to teach the current mobile unit. All previously "teached" mobile units are deleted.

PLEASE NOTE!

If the mobile unit is not teached within 30 seconds, the button's LED indicator goes out.
Press the button until the LED starts to flash. Then teach the mobile unit.

TEACH MOBILE UNIT - ADD TEACH MODE

Press the  or  button, Add is displayed.



Confirm Add teach mode by pressing the  button.

Teach mobile unit - AddE teach mode
Use the  or  button to select AddE.



Confirm AddE teach mode with the  button.

7 INITIAL COMMISSIONING (EASYSTART REMOTE+)

AFTER CONFIRMING ADD OR ADDE

The heater starts by analog +12 volts on the yellow cable in the control unit cabling.

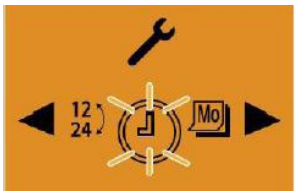
To configure EasyStart Remote + startup equipment, do the following.

SETTING ANALOGUE START SIGNAL
YELLOW CABLE (S1 +).

The display shows.



Press the button to confirm the setting



- Press the
- for more than five seconds.
- The workshop menu is displayed.
  Use the or button to set the weekday



Press the to get to



Confirm with the button.

Use the button to .



Confirm with the button.

With Remote + Add remote control again.
Then set Clock and Date.

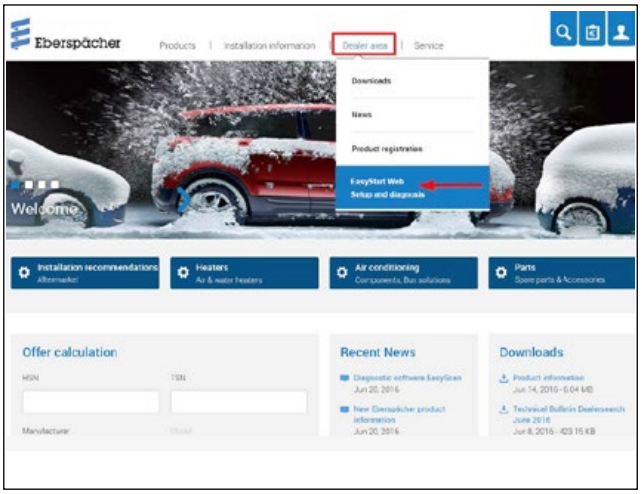
A reset must be performed to activate the function (remove fuse).

7 INITIAL COMMISSIONING (EASYSTART WEB)

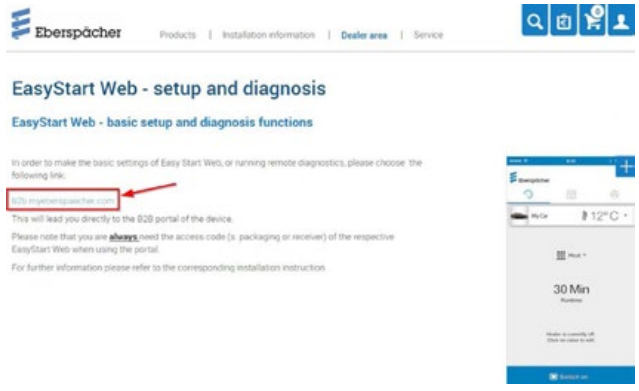
The web-based EasyStart Web operating software can be used to operate an Eberspächer air or water heater via the installed receiver unit.
The installation workshop or garage must log into the EasyStart Web portal to start up the operating software.

The initial startup of the EasyStart Web operating software can only be carried out by the installation workshop using a PC / tablet with an internet connection.
To access the "EasyStart Web portal", open the Eberspächer Partner Portal with https://partner.eberspaecher.com/de.
If an access to the portal already exists, it is not necessary to enter an email address and password to log in. If no access exists yet, follow the login instructions.

If the access is successful the main window of the partner portal appears. Click the "EasyStart Web" button under the "Customer Area" menu item.



Click here on the link to the B2B portal of EasyStart Web.



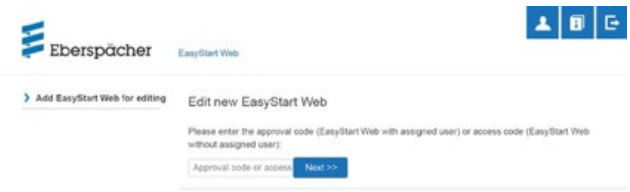
Select the "Initial startup" menu item".



Enter the approval code (IMEI) for EasyStart Web.

PLEASE NOTE!

- The approval code (IMEI) is printed on the EasyStart Web packaging box and I also enclosed in the packaging as a sticker.

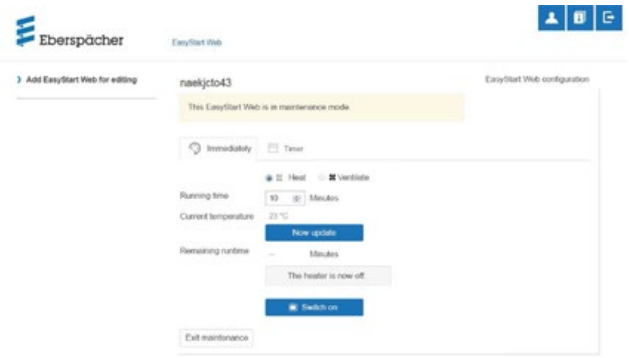


DEFAULT SETTINGS FOR THE CUSTOMER

Configure EasyStart Web as requested by the customer or as necessary for installation.

PLEASE NOTE!

This step is only possible if the EasyStart Web registered on the server beforehand (logged into a GSM network).

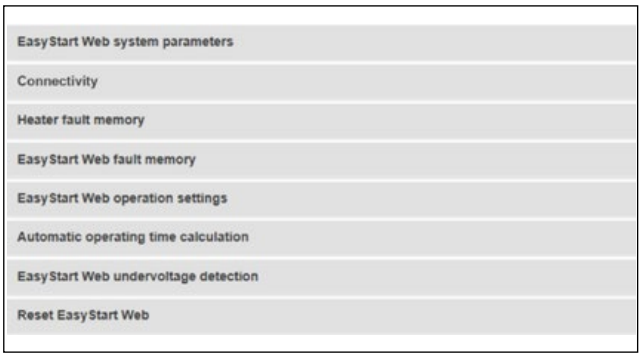


7 INITIAL COMMISSIONING (EASYSTART WEB)

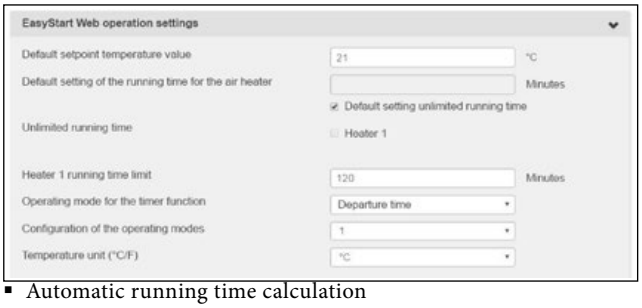
Configuring EasyStart Web

The following functions can be selected

- EasyStart Web system parameters
  - Display of the current configuration and properties of the activated EasyStart Web.
- Connectivity
  - EasyStart Web can be reached / cannot be reached via the app.
- Heater fault memory
  - Read out and delete heater's fault memory.
- EasyStart Web fault memory
  - Display EasyStart Web fault memory.



- EasyStart Web operation settings
  - Running time limit of the heater
  - Programming the preset time
  - Configuration of the control unit
  - Temperature unit setting (°C / °F)

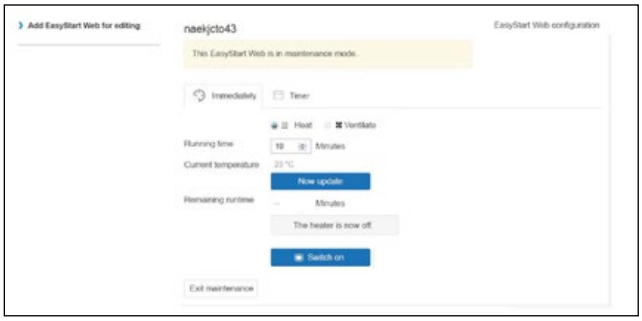


- Automatic running time calculation

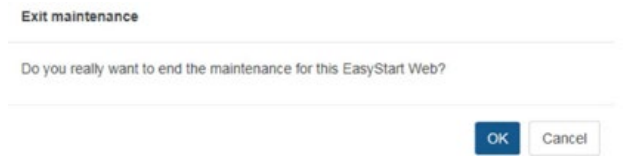


- EasyStart Web undervoltage detection
  - See PLUS installation instructions
- Resetting EasyStart Web
  - Reset to as-delivered condition (factory settings).

Click the Änderungen an Konfiguration speichern or Formular zurücksetzen buttons to then save or discard the configuration.
After ending the configuration, perform a test run in "Immediate operation" mode.
Click Einschalten to start the test mode.



Following the run through test operation is ended. To do this, select the Wartung beenden button and then confirm the message.



Initial commissioning is completed.

When handing over the vehicle to the customer give them the packaging box and quick start guide with the access code (IMEI).

PLEASE NOTE!

Automatic runtime calculation is not possible for air heaters.
The engine size entered can be increased by 500 cm^3 for a larger heat requirement. If the combination valve 25 2014 80 62 6200 or 25 2014 80 7200 00 is used in the water circuit, the stated engine size can be reduced by 500 cm^3. The values for increasing or reducing the stated engine size are only valid for cooling water circuits where the cooling water flows through the vehicle engine. If the vehicle is only used for short trips, consult the customer and reduce the maximum runtime.

4 INSTALLATION

RECOMMENDATION!

Adjustments necessary to the aircon control.

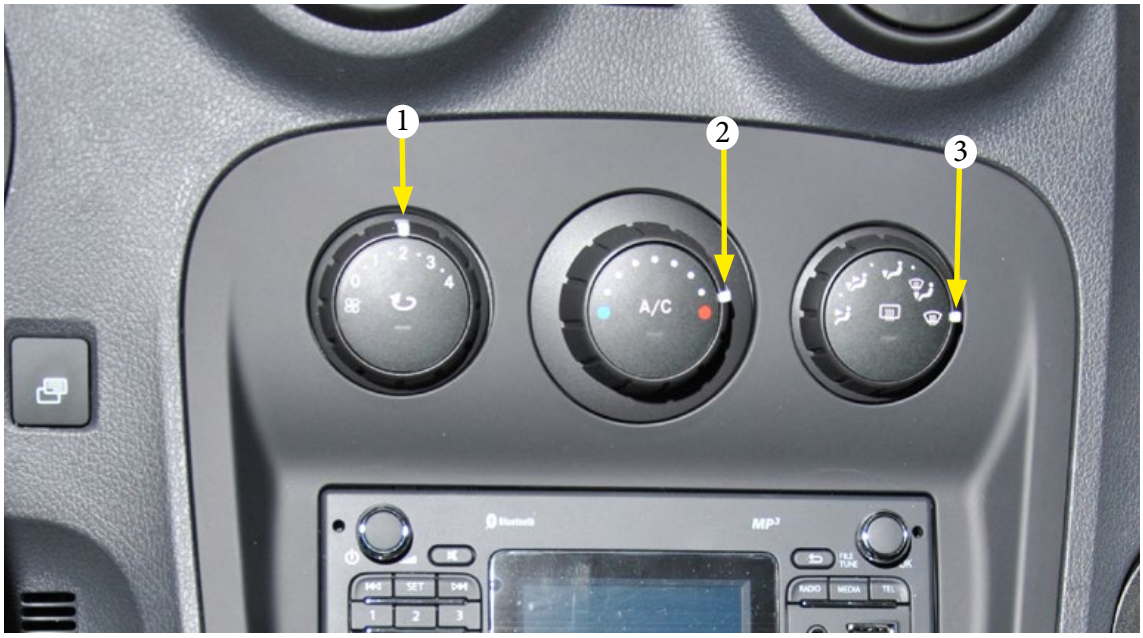


Fig. 64 Climate control unit

1. Set the fan to position 2
2. Set the heat to max.
3. Set the airflow to the defroster.

RECOMMENDATION!

- Switch the pre-heater on at least once a month for about 10 minutes, also in the summer months! This will ensure that it works properly during the season!
- We recommend adjusting the heating time to the driving time: Driving time > heating time.

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