INSTALLATION RECOMMENDATION
HYDRONIC S3 – B 4 E / B 5 E IN THE SUZUKI JIMNY (GJ)



THIS INSTALLATION RECOMMENDATION APPLIES TO VEHICLES FROM MODEL YEAR 2019
WITH THE FOLLOWING MOTORISATION:

1.5 l cubic capacity / 4 cylinder in-line engine 75 kW - 102 HP (HSN: 7102 / TSN: AEY)

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This installation recommendation documents the installation of the Hydronic S3 heater in a vehicle of model year 2019 with the following equipment:

- **with manual air-conditioning**
- **with fog lamps**
- **with automatic gear or manual transmission**

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.

Installation time: approx. 8 hours

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 equipment.

➔ 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 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
1.5 l	75 / 110	5S / AT

5S = 5-speed manual gearbox

AT = 4 gear automatic 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	Hydronic S3 CS B 4 E	20 2007 05 00 00
	or	
1	Hydronic S3 CS B 5 E	20 2008 05 00 00
1	Vehicle-specific installation kit	24 8000 35 00 76
EasyStart control unit as chosen:		
1	EasyStart Remote	22 1000 34 81 00
1	EasyStart Remote+	22 1000 34 17 00
1	EasyStart Web	22 1000 34 51 00

PLEASE NOTE!

The vehicle-specific installation kit contains all parts needed for installation.

SPECIAL TOOLS REQUIRED

- Necessary torque wrench
- Anti-corrosion agent
- Pliers for spring band clamps
- Blind rivet nut insertion tool
- Crimping tool

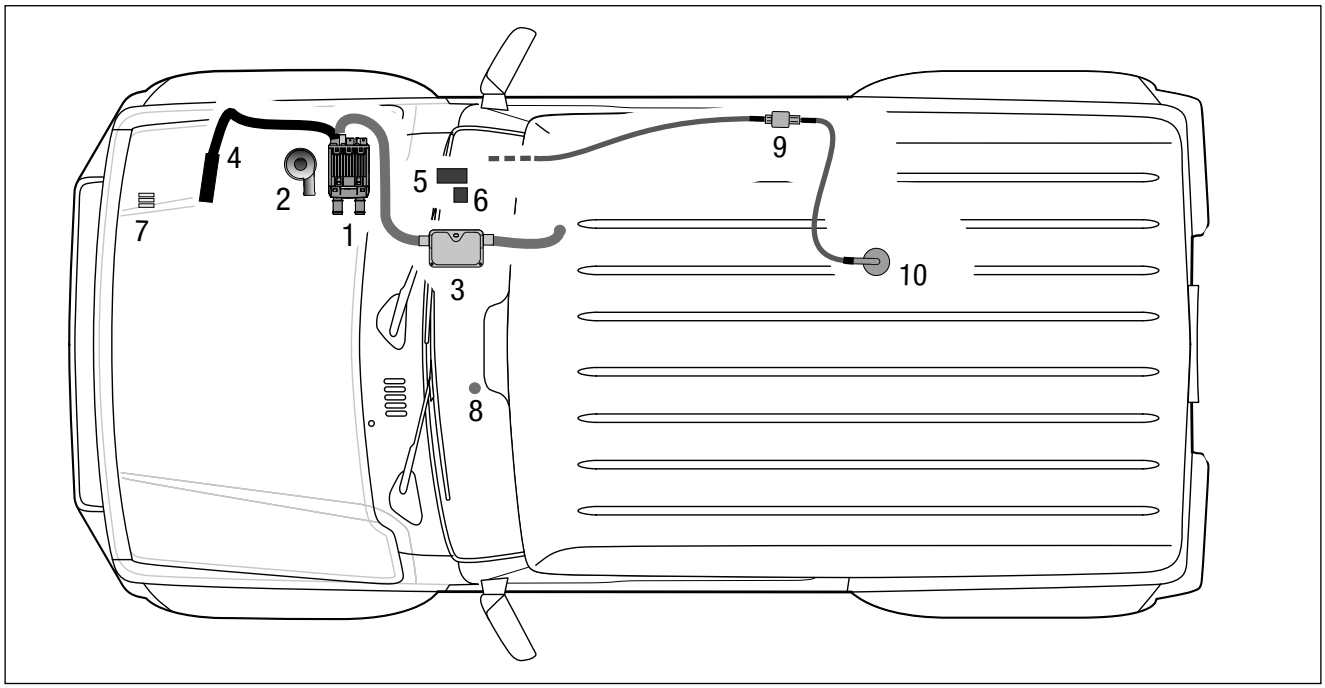
TORQUES

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

Part name	Torques
Hex screw M6	10 $^{+1}$ Nm
Hex screw M8	20 $^{+2}$ Nm
Hex screw M10	45 $^{+2}$ Nm
Self-threading M6 x 16 Torx screw	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

1 INTRODUCTION

INSTALLATION DRAWING



1 Heater Hydronic S3
2 Water pump
3 Exhaust pipe with exhaust silencer
4 Combustion air tube
5 Receiver EasyStart Remote / Remote+ / Web
6 Fan relay
7 Fuse holder
8 Button EasyStart Remote / Remote+ / Web
9 Metering pump
10 Tank extractor

2 PRELIMINARY ASSEMBLY

PREPARATORY WORK ON THE VEHICLE

- Disconnect the battery
- Remove fuel tank
- Remove glove compartment
- Dismantle the front bumper
- Dismantle intake air pipe
- Remove the upper cowling
- Remove right-hand underfloor cowling
- Depressurise the cooling system
- Drain coolant into a clean container

PREPARE HEATER
(see Figs. 1 and 2)

Mount the elbowed water connection sockets on the heater as shown.

Remove the duplicate nameplate from the heater.

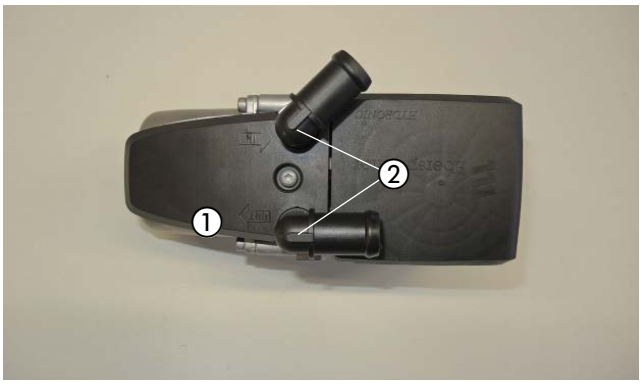


Fig. 1
① Heater
② Mount elbowed water connection socket to heater

Installation steps

- Grease the O-ring (5) and insert in the groove at the connection socket.
- Fit the connection socket (3 or 4) in the cut-outs of the sensor cover (2). The collar of the connection socket is above the cover.
- Position the connection socket with the gearing in the sensor cover and fix accordingly.
- Fit the sensor cover on the heater with the connection socket pointing forwards.
- Press the connection socket completely into the corresponding holes on the heat exchanger.
- Adjust the direction for the angled connection socket:
  – Raise the sensor cover up to the collar of the connection socket
  – Turn the connection socket in the required direction
  – Push the sensor cover down and readjust the position of the connection socket so that the toothed edges engage again
- Fasten sensor cover with M5 x 18 (1) screw
  (tightening torque $6.5^{+0.5}$ Nm).

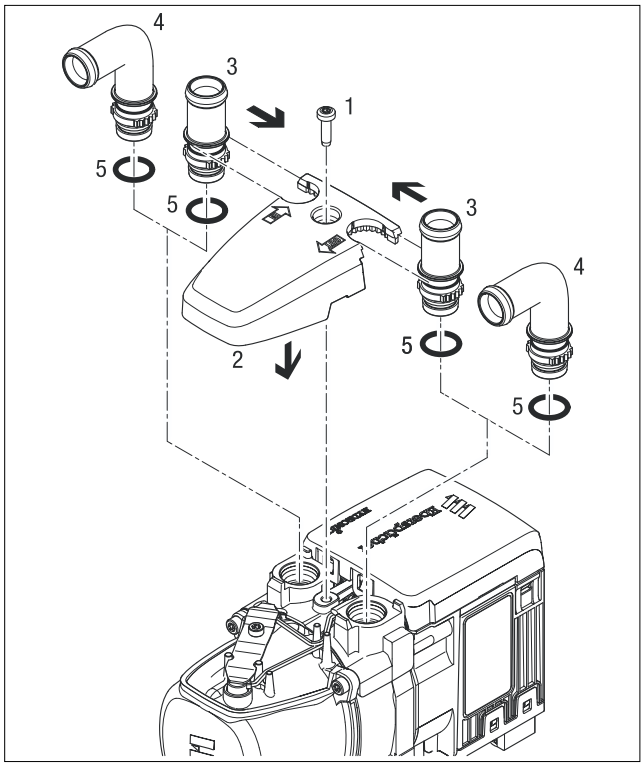


Fig. 2
1 M5 x 18 screw
2 Sensor cover
3 Connection socket, straight
4 Angled connection socket
5 O-ring

2 PRELIMINARY ASSEMBLY

PREPARE HEATER BRACKET
(see Fig. 3)

Get the prepared heater bracket ready as shown.

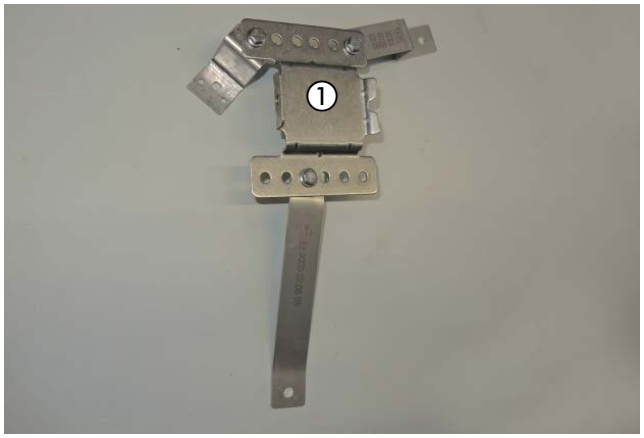


Fig. 3
① Heater bracket

PREPARE EXHAUST SYSTEM
(see Fig. 4)

Get the prepared exhaust silencer ready with the exhaust pipe end (length L = 300 mm) and the exhaust pipe (length L = 810 mm) with exhaust pipe elbow as shown.

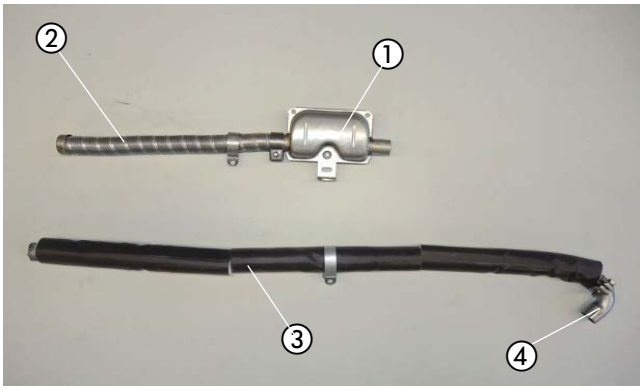


Fig. 4
① Exhaust silencer
② Exhaust pipe end
③ Exhaust pipe
④ Exhaust pipe elbow

PREPARE METERING PUMP
(see Fig. 8)

Insert the metering pump in the rubber bracket as shown.
Fasten the 90° bracket with an M6 x 25 screw, an M6 nut and a B6 body washer to the rubber bracket and align as shown.

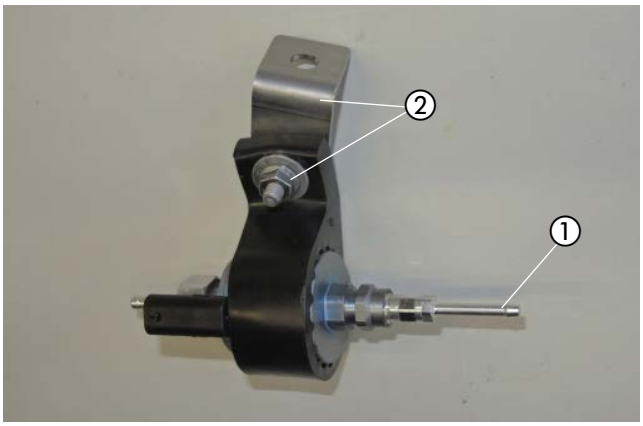


Fig. 5
① Metering pump in rubber bracket
② Mount 90° bracket

2 PRELIMINARY ASSEMBLY

PREPARE WATER HOSES
(see Figs. 6 and 7)

Prepare water hoses 1 to 3 as shown.

PLEASE NOTE!

The water hoses are connected to the water circuit , refer to the Technical Description, in the chapter on “Installation” and here the section on “Connection to the Cooling Water Circuit”.

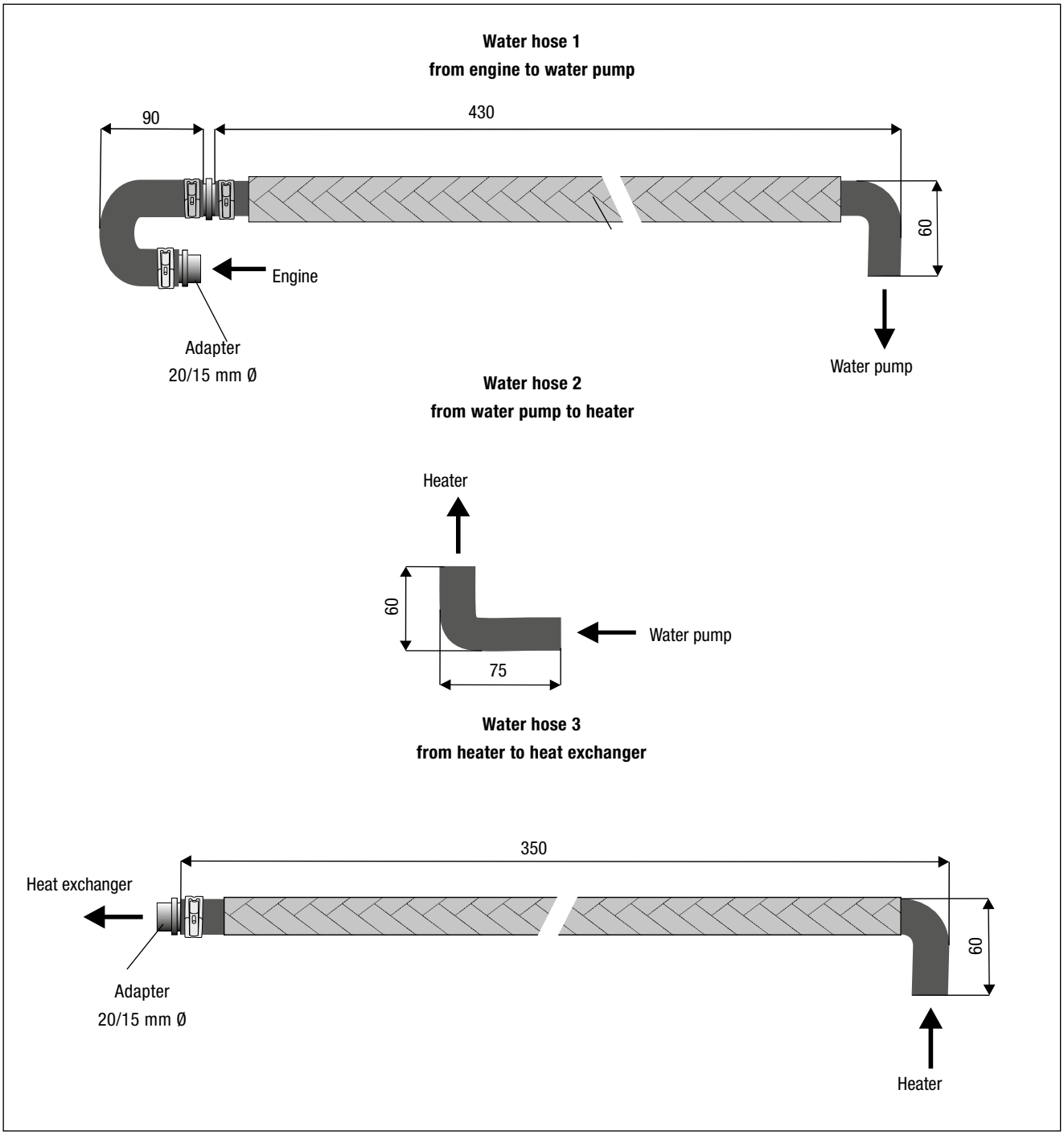


Fig. 6

2 PRELIMINARY ASSEMBLY

The figure shows the prepared water hoses 1 to 3.



Fig. 7
① Water hose 1
② Water hose 2
③ Water hose 3

PREMOUNT WATER PUMP
(see Fig. 8)

Use an M6 x 12 screw to fix the bracket 9301 to the water pump bracket and align as shown.

Insert the water pump in the prepared water pump bracket as shown.

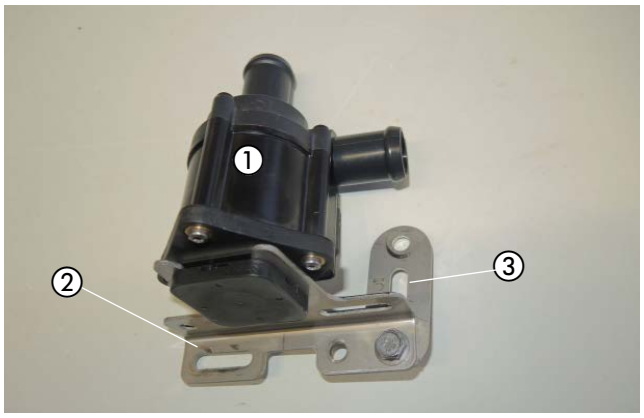


Fig. 8
① Water pump
② Bracket, water pump
③ Bracket 9301

PREPARE HEATER
(see Fig. 9)

Fasten the premounted water pump to the heater with two self-threading M6 x 16 screws as shown.

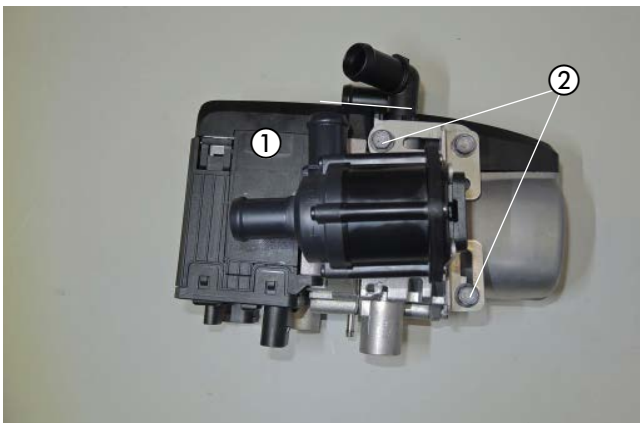


Fig. 9
① Heater
② Install water pump

2 PRELIMINARY ASSEMBLY

CONNECT WATER HOSE 2
(see Fig. 10)

Connect water hose 2 to the discharge end of the water pump and to the water inlet connection of the heater with a 26 mm Ø spring band clamp in each case.

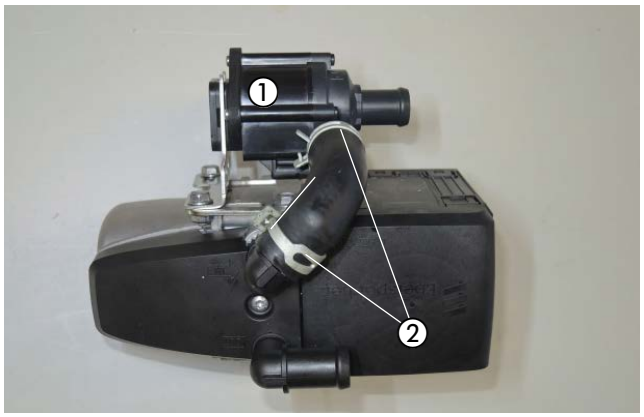


Fig. 10
① Water pump
② Connect water hose 2

PREPARE FUSE HOLDER
(see Fig. 11)

The figure shows the holder with fuse block and diagnostic connector.



Fig. 11
① Fuse block
② Diagnostic connector

PREPARE FUEL PIPE (DELIVERY LINE)
(see Fig. 12)

Fasten the metering pump cable to the fuel pipe (delivery line) using insulating tape.



Fig. 12
① Fasten metering pump cable to fuel pipe (delivery line)

2 PRELIMINARY ASSEMBLY

PREASSEMBLE THE STATIONARY PART OF THE EASYSTART REMOTE/ REMOTE+
(see Fig. 13)

Fasten the stationary part of the EasyStart Remote/Remote+ to the holder together with the fan relay block using two M4 x 10 screws and two M4 nuts as shown.

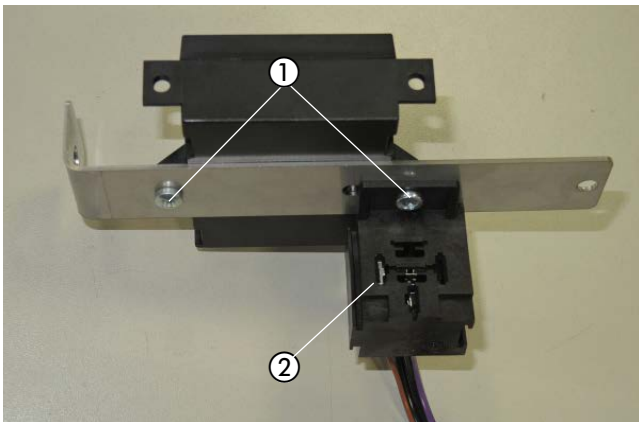


Fig. 13
① Mount EasyStart Remote/Remote+ stationary part to the holder
② Fan relay block

PREMOUNT STATIONARY PART OF EASYSTART WEB
(see Fig. 14)

Fasten the stationary part of the EasyStart Web to the holder together with the fan relay block using two M4 x 10 screws and two M4 body washers as shown.

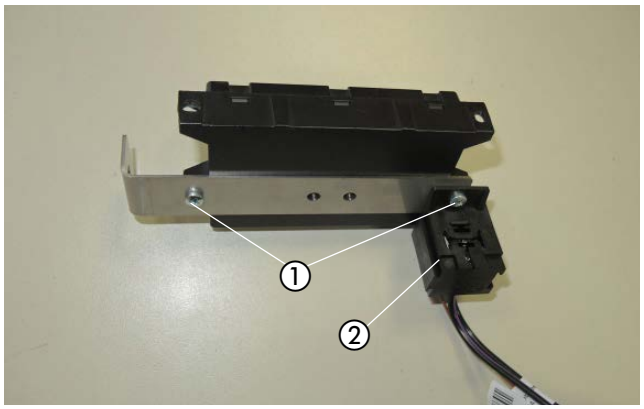


Fig. 14
① Mount stationary part of the EasyStart Web to the holder
② Fan relay block

3 INSTALLATION

PREPARE INSTALLATION POSITION AND MOUNT UNIT BRACKET
(see Figs. 15 to 17)

The installation position for the heater is at the engine partition on the right.
The 1st and 2nd fastening point for the heater bracket are the two coarse thread stud bolts as shown.
The 3rd fastening point for the heater bracket is the M6 stud bolt from the vacuum line as shown.

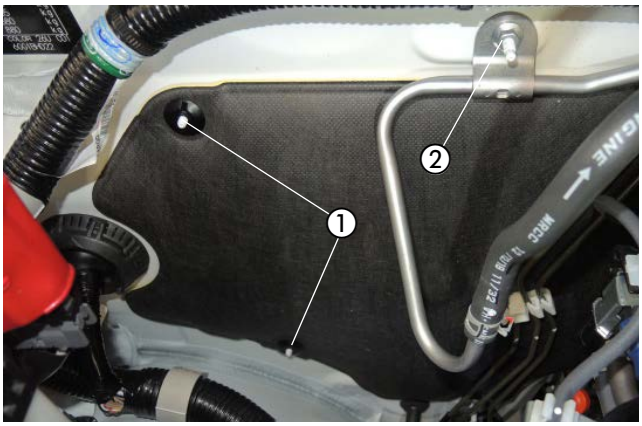


Fig. 15
① 2x coarse thread stud bolts (1st and 2nd fastening point)
② M6 stud bolt (3rd fastening point)

Position and align the heater bracket at the three fastening points. Mount with the two DM5 plastic nuts and the vehicle's M6 nut as shown in Fig. 16.

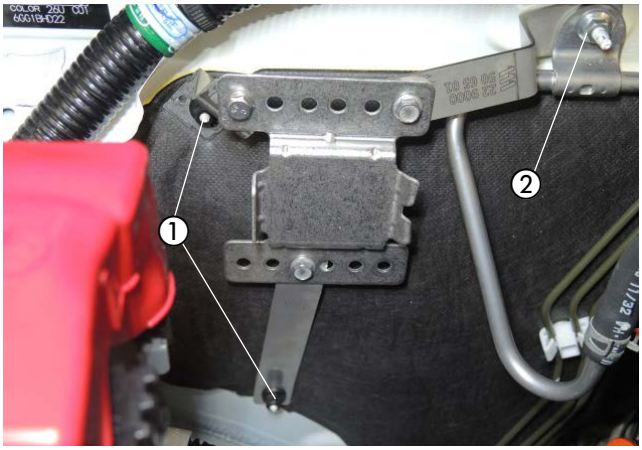
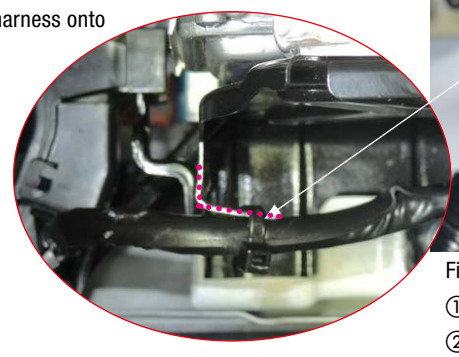


Fig. 16
① 2 x coarse thread nuts (1st and 2nd fastening point)
② Existing M6 nut (3rd fastening point)

Unclip the vehicle cable harness from the strap on the left in the direction of travel next to the battery.

Bend the strap 180° forwards.

Fasten the unclipped cable harness onto the bent strap again using a cable tie.



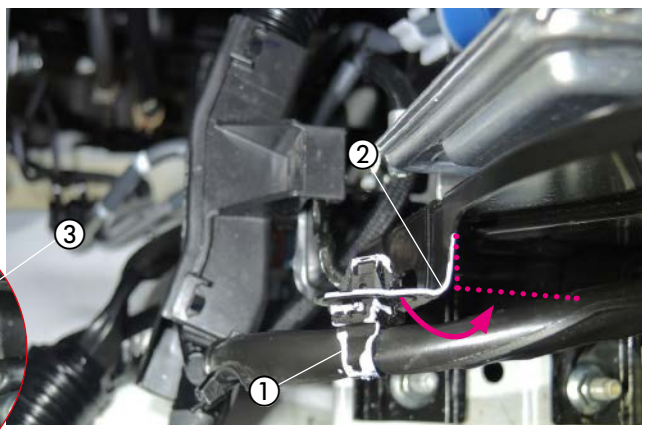


Fig. 17
① Unclip the cable harness
② Bend the strap 180° to the left
③ Clip the cable harness on again

3 INSTALLATION

INSTALL HEATER
(see Fig. 18)

Insert the heater in the bracket and fasten with the M6 x 16 self-threading Torx screw in the lower hole of the heater.



Fig. 18
① Insert heater in bracket and fasten

CONNECT AND LAY COMBUSTION AIR PIPE
(see Fig. 19)

Use a 16 - 25 mm Ø clip to connect the combustion air pipe to the heater and lay it upwards in the elbow to the front in the protected area on the right next to the battery.

Use cable ties to fix the combustion air pipe in suitable places.

CAUTION!
Lay the combustion air pipe so that only clean, dry combustion air can be drawn in through the heater.

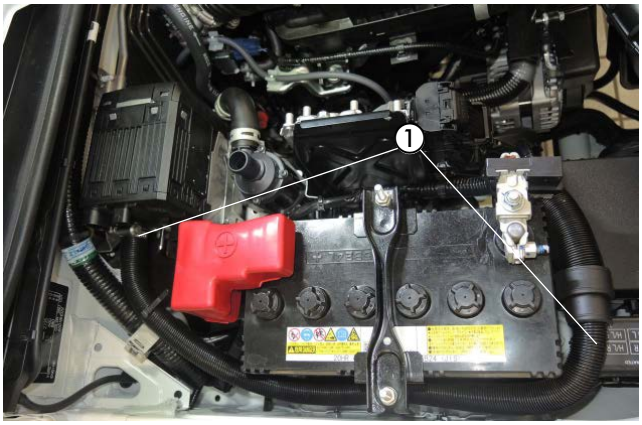


Fig. 19
① Connect and lay combustion air pipe

3 INSTALLATION

MOUNT EXHAUST SYSTEM
(see Figs. 20 to 24)

Connect the exhaust pipe to the exhaust connection of the heater using a clamp as shown and lay downwards.



Fig. 20
① Connect exhaust pipe to heater and lay

Lay the exhaust pipe from the installation position of the heater downwards along the vehicle brake lines and fasten with the premounted exhaust pipe and the existing M6 screw as shown.

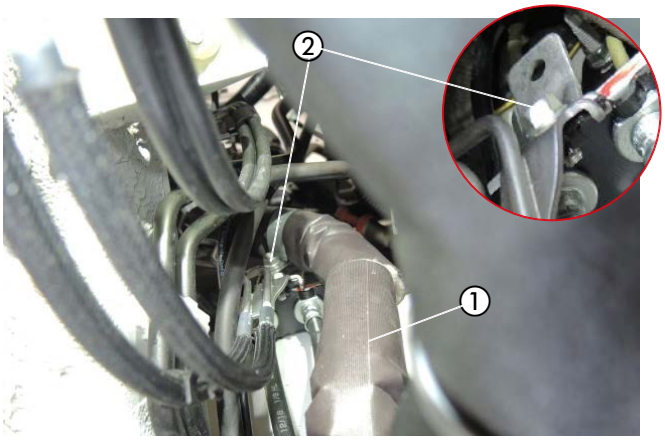


Fig. 21
① Lay exhaust pipe
② Fasten exhaust pipe clip

CAUTION!
When laying the exhaust pipes, ensure they are at a sufficient distance from adjacent body components.

The installation position of the exhaust silencer is on the inside of the right chassis beam at the existing bracket for the brake lines.
Insert an M6 blind rivet nut into the existing hole as shown.
Continue to lay the exhaust pipe to the installation position of the exhaust silencer as shown.

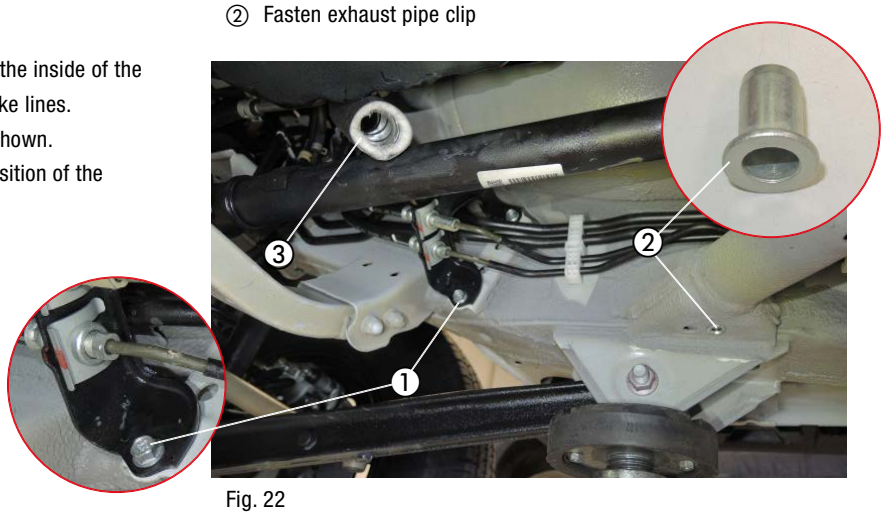


Fig. 22
① Exhaust silencer fixing point
② Insert M6 blind rivet nut
③ Lay exhaust pipe

3 INSTALLATION

Use the existing M6 screw to fasten the exhaust silencer to the inside of the right chassis beam at the existing bracket of the brake lines as shown and align accordingly.

Shape the exhaust pipe end as shown and fasten to the mounted blind rivet nut using an M6 x 16 screw and the exhaust pipe clip.

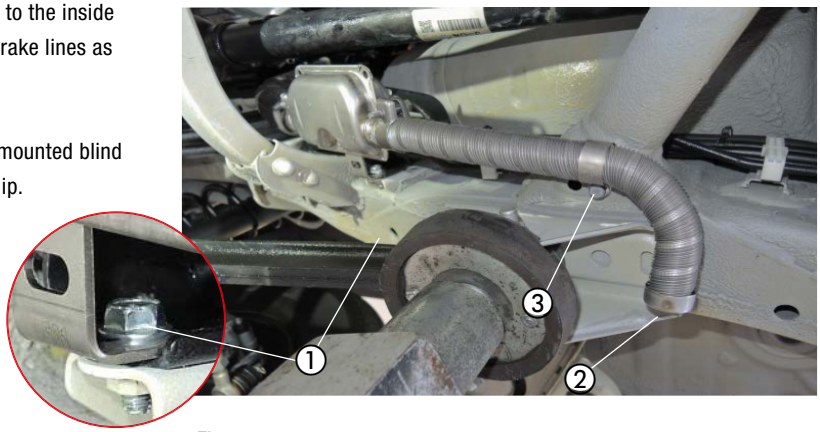


Fig. 23
① Mount the exhaust silencer
② Shape exhaust pipe end
③ Fasten exhaust pipe clip

Lay the exhaust pipe as shown and mount to the already mounted exhaust silencer using a clamp and align accordingly.

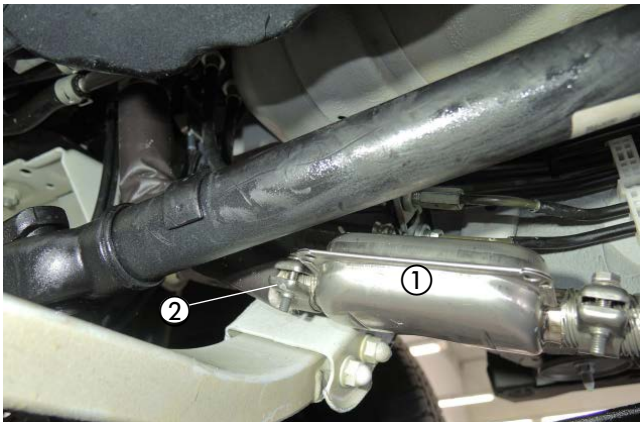


Fig. 24
① Exhaust silencer
② Connect and lay exhaust pipe

CAUTION!
When laying the exhaust pipes, ensure they are at a sufficient distance from adjacent body components.

3 INSTALLATION

WATER FLOW HOSE CUTTING POINT
(see Fig. 25)

Cut the water flow hose from the engine to the heat exchanger (the right-hand water hose at the heat exchanger) according to the dimensions shown.

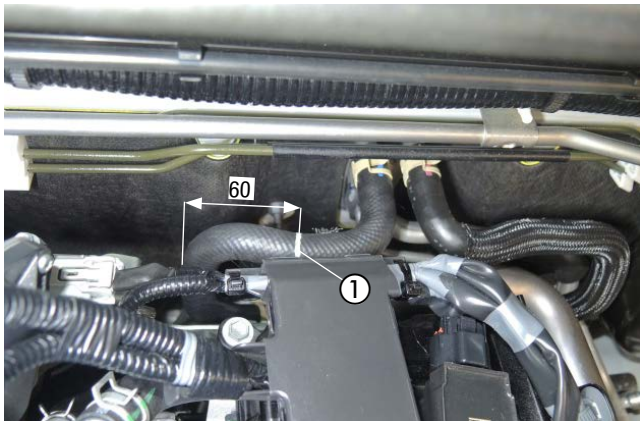


Fig. 25
① Cutting point in the water flow hose

CONNECT AND LAY WATER HOSES
(see Figs. 26 to 29)

Connect water hose 1 to the intake end of the water pump using a spring band clamp and take to the left to the cutting point.

Connect water hose 3 to the water outlet connection of the heater using a spring band clamp and take to the left to the cutting point.



Fig. 26
① Connect and lay water hose 1
② Connect and lay water hose 3

Lay water hoses 1 and 3 along the engine partition and secure with cable ties.

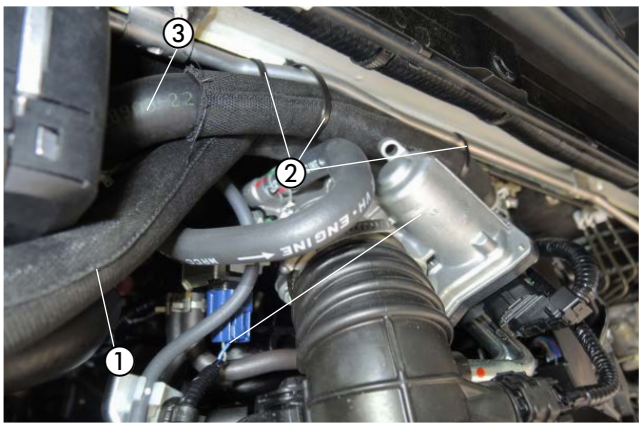


Fig. 27
① Lay water hose 1
② Cable ties
③ Lay water hose 3

3 INSTALLATION

Take water hose 1 to the cutting point and connect to the cut through water flow hose from the engine using a 16 - 25 mm Ø hose clip.

Take water hose 3 to the cutting point and connect to the cut through water flow hose to the heat exchanger using a 16 - 25 mm Ø hose clip.

Secure water hoses 1 and 3 together and to the vehicle line using cable ties as shown.

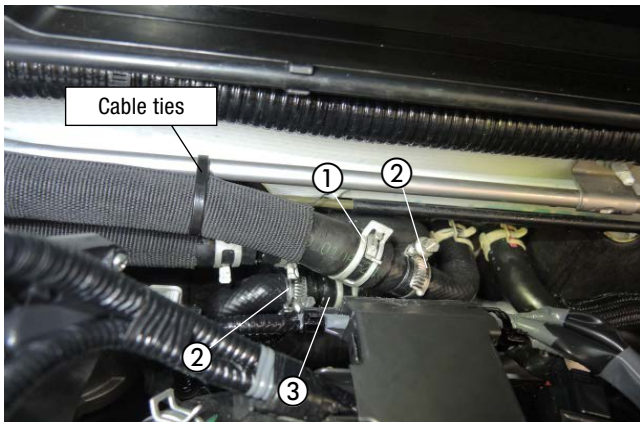
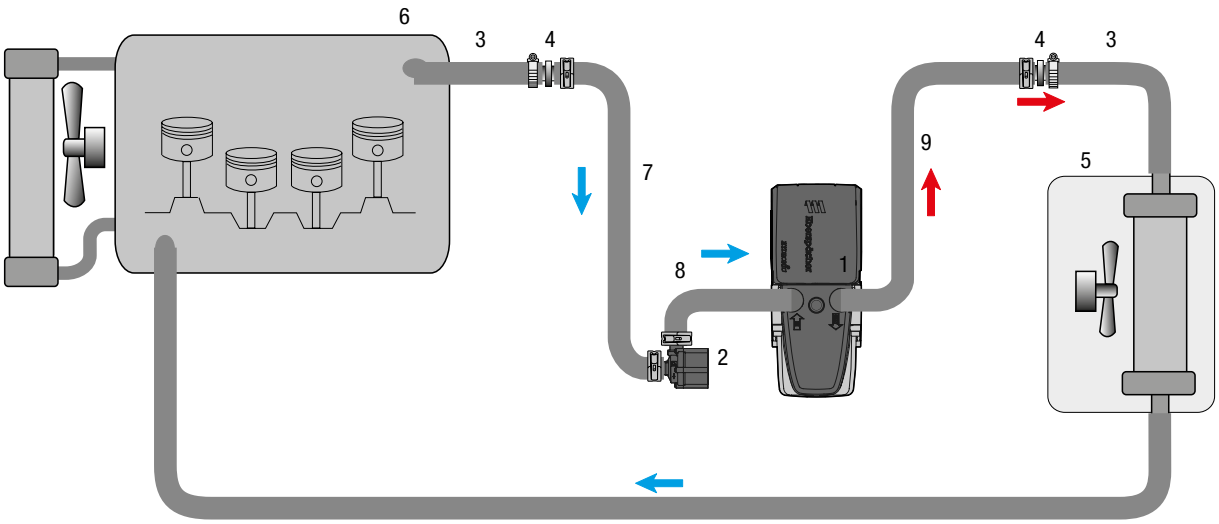


Fig. 28
① Lay water hose 1
② Water flow hose, cut through
③ Lay water hose 3

CAUTION!

Secure all hose connections with hose clips or spring band clamps. Protect the water hoses against chafing and use cable ties to secure in suitable positions.



1 - Heater
2 - Water pumo
3 - Vehicle water flow hose
4 - Reducer, 20/15 mm Ø
5 - Vehicle heat exchanger
6 - Engine
7 - Water hose 1
8 - Water hose 2
9 - Water hose 3
- Spring band clip
- Hose clip, 16 – 25 mm Ø

Fig. 29

3 INSTALLATION

MAKE TANK CONNECTION
(see Figs. 30 to 34)

Remove the fuel tank according to the manufacturer's instructions.
Loosen the electric connection and the fuel lines from the tank fitting.
Dismantle the tank fitting as described by the manufacturer.
Make an 8 mm Ø hole in the top part of the tank fitting with the dimensions shown.

CAUTION!

When drilling, ensure that no dirt gets into the tank or supply lines.
The tank fitting should not be removed for longer than 10 minutes because of expansion of the fuel tank!

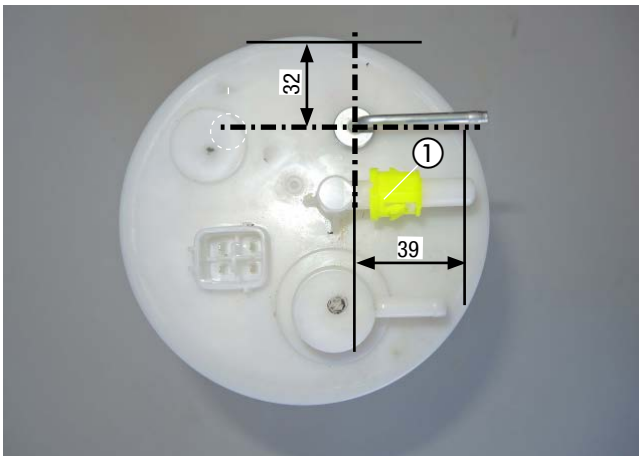


Fig. 30
① Drill an 8 mm Ø hole

Feed the fuel tank extractor from above through the hole drilled in the tank fitting, align and screw tight from underneath with the M8 nut and B8 body washer.

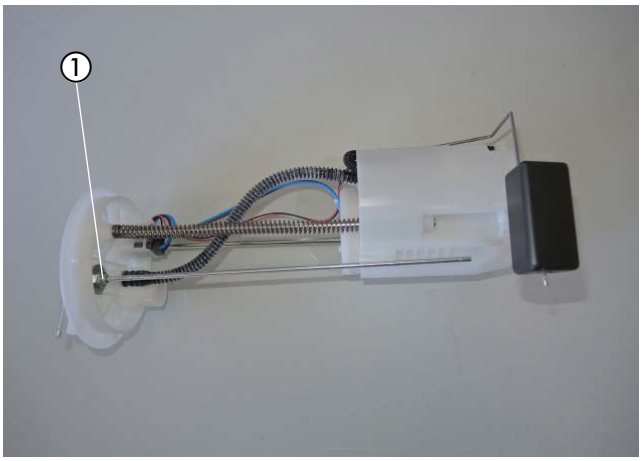


Fig. 31
① Mount tank extractor

Insert the tank fitting in the tank, fit the fastening ring and screw tight again. Make sure that the seal fits properly.
Reconnect the plug-in connection and the fuel lines at the tank fitting.

Connect the 3.5 x 3 mm Ø fuel pipe, length 50 mm, to the intake connection of the tank extractor, and lay up to the installation position of the metering pump on the right behind the tank.

Re-install the tank.

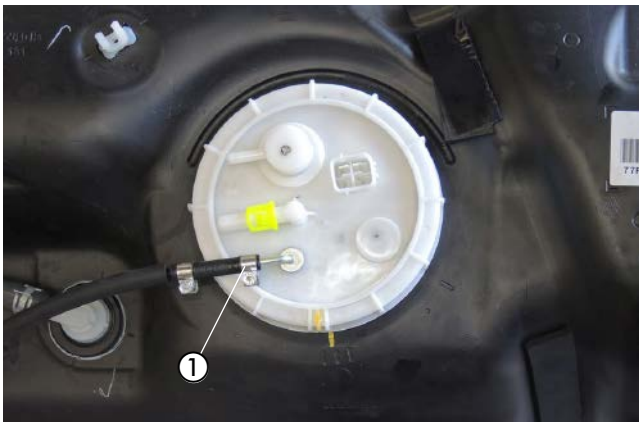


Fig. 32
① Connect fuel pipe to tank extractor

PLEASE NOTE!
Secure all connection points with 9 mm Ø clips.

3 INSTALLATION

INSTALL AND CONNECT THE METERING PUMP
(see Figs. 33 to 35)

Fasten the prepared metering pump with the premounted bracket to the bracket for the right-hand hand brake cable using the existing M8 screw (on the right in front of the tank) as shown and align accordingly. Ensure it is installed with at least a 15° rising gradient on the pressure side.
The discharge end of the metering pump points towards the front.
Cut the fuel pipe (intake line) from the tank extractor to the metering pump to the required size and connect to the intake connection of the metering pump.

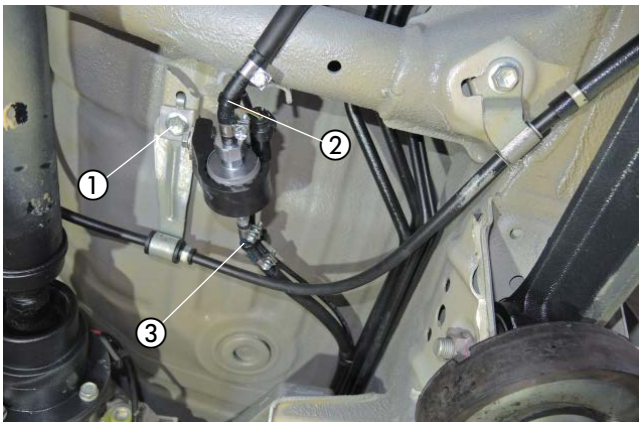


Fig. 33
① Mount the metering pump
② Connect intake line
③ Connect delivery line

Route the fuel pipe (delivery line) together with the metering pump cable along the right vehicle underbody (cowling) to the heater and fasten with cable ties.



Fig. 34
① Lay delivery line together with metering pump cable

⚠ CAUTION!
Use a sharp knife to cut the fuel pipe to length.
Secure all hose connections with hose clips.

Connect the fuel pipe (delivery line) with the 4.5/3.5 mm Ø adapter to the fuel connection of the heater using a 10 mm Ø hose clip.

Plug in the connector of the main cable harness, the water pump cable loom and the power supply cable loom to the heater.

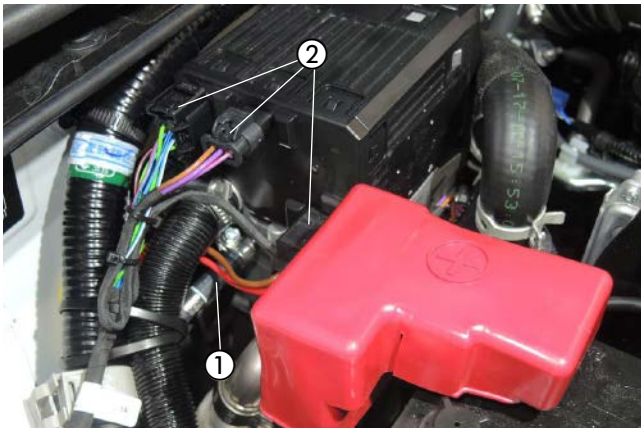


Fig. 35
① Connect fuel pipe (delivery line)
② Plug in electrical connections at heater

⚠ CAUTION!
When laying fuel lines, always ensure they are at an adequate distance from hot vehicle and heater parts.

3 INSTALLATION

INSTALL FUSE HOLDER
(see Fig. 36)

Using an M6 x 12 screw, mount the prepared fuse holder to the existing M6 threaded hole on the right at the radiator as shown and align accordingly.



Fig. 36
① Mount fuse holder

CABLE LAYING
(see Fig. 37)

Take the vehicle interior cable loom consisting of:
- 4 mm² ws/rt and 1 mm² sw/rt cable
- 3-wire control unit cable loom
- 4-pin fan control box cable loom

through the vehicle cable grommet on the right side of the engine partition into the interior of the vehicle.

⚠ CAUTION!
When laying the cable looms, ensure they are at an adequate distance from hot vehicle and heater parts.
Use cable ties to fix the cable looms in suitable places.

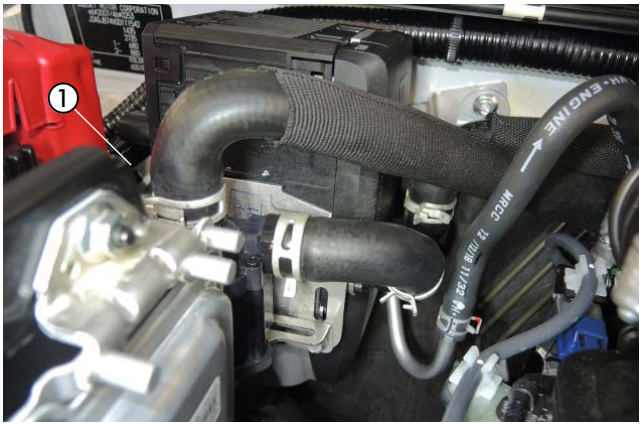


Fig. 37
① Take cable looms through vehicle cable grommet

POWER SUPPLY
(see Fig. 38)

Take the 4 mm² rt positive cable to the positive terminal post of the battery and connect it there.
Take the 2.5 mm² br earth cable to the earthing terminal post of the battery and connect it there.



Fig. 38
① Mount positive power supply
② Mount negative power supply

3 INSTALLATION

FAN CONTROL
(see Figs. 39 to 42)

Use an M6 x 16 screw and an M6 nut to fasten the fan relay connector block together with the prepared stationary part of the EasyStart Remote/Remote+/Web and the 1 mm² br earth cable from the fan relay connector block in the existing 6 mm Ø hole in the supporting strut of the centre console on the driver's side as shown.
Fit a tab receptacle housing onto the 0.5 mm² sw/rt cable of the main cable harness and slot into terminal 1 (86) of the fan relay connector block as shown.
Fit a tab receptacle housing onto the 4 mm² ws/rt cable of the main cable harness and slot into the relay block at terminal 5 (87) as shown.
Insert the fan relay in the connector block.

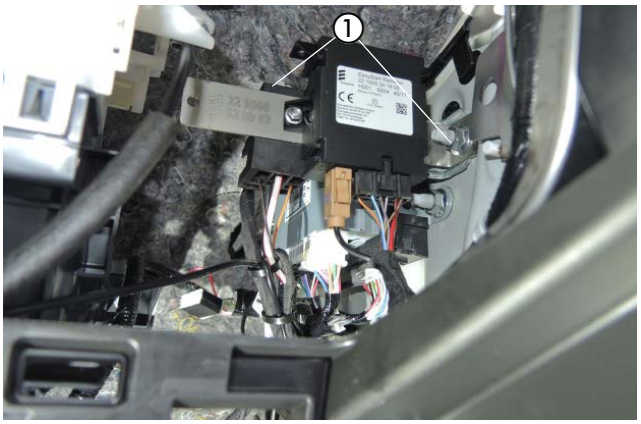


Fig. 39
① Mount premounted fan relay unit and stationary part of the EasyStart Remote/Remote+/Web

The figure shows the view of the fan relay connector block from the cable inlet side.

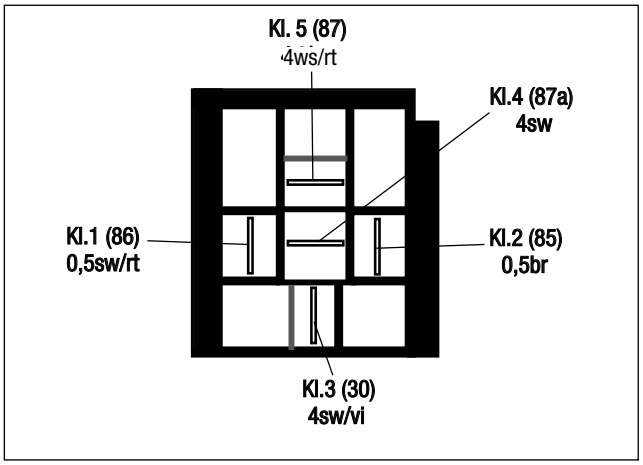


Fig. 40

Route the fan control cable loom on to the fan motor.

Disconnect the 4 mm² ge cable (pin 1) at the black connector of the fan motor and insert the 4 mm² sw and 4 mm² sw/vi cables using two yellow butt-type connectors as shown in the circuit diagram.

PLEASE NOTE!
The cable colours may vary!

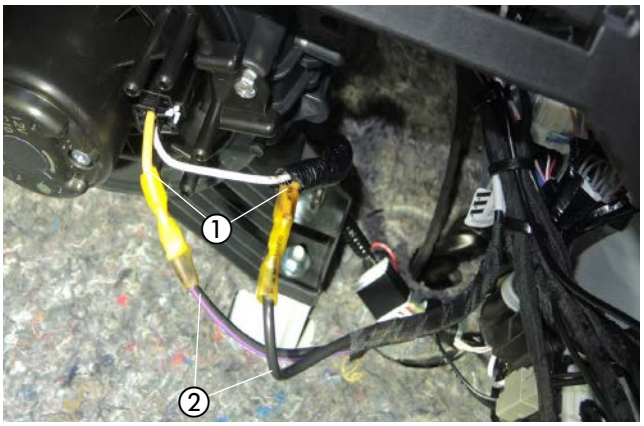


Fig. 41
① Disconnect 4 mm² ge cable (pin 1)
② Insert 4 mm2 sw and 4 mm² sw/vi cable

3 INSTALLATION

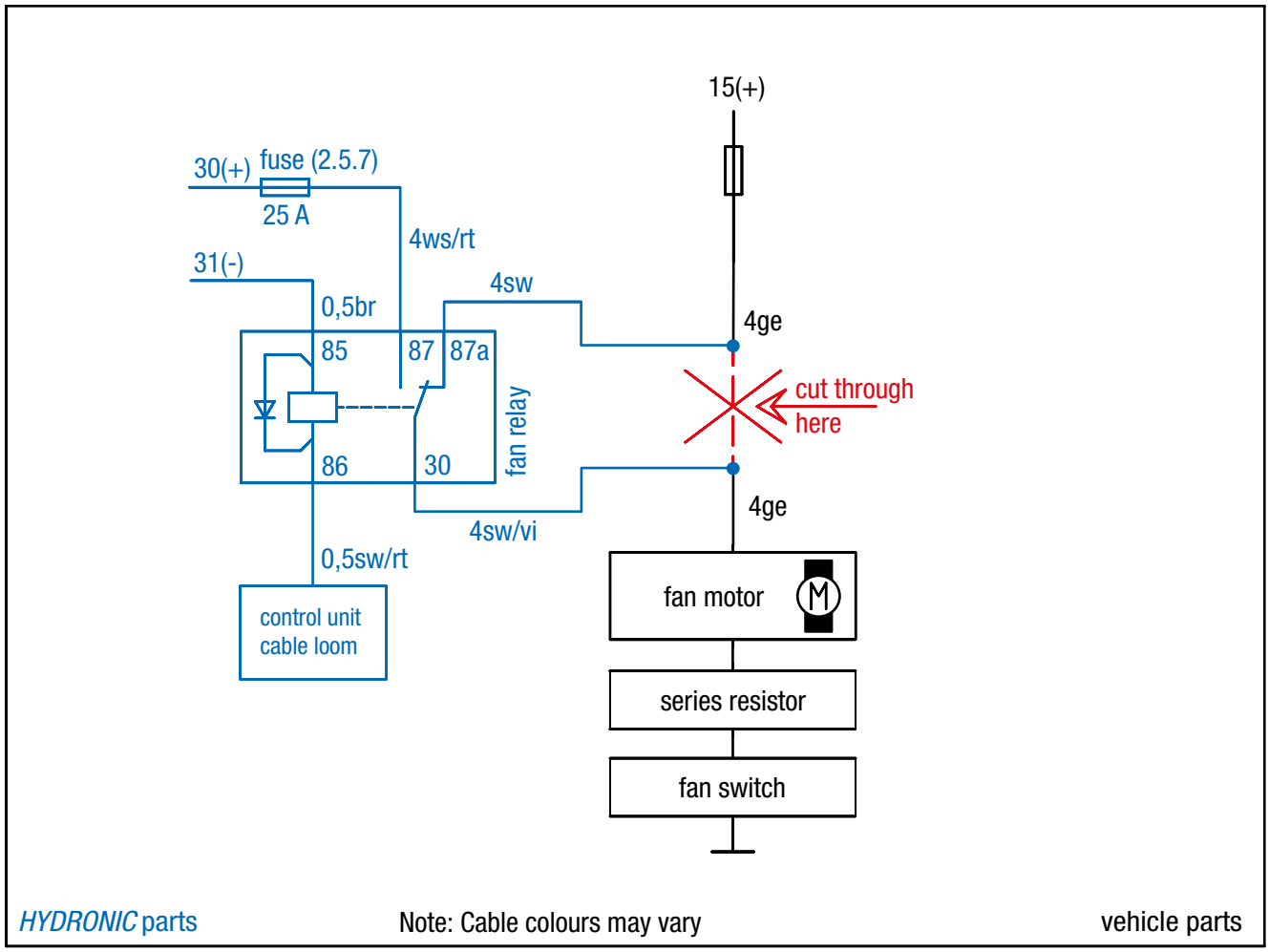


Fig. 42

3 INSTALLATION

INSTALL EASYSTART REMOTE/REMOTE+ RADIO REMOTE CONTROL
(see Figs. 43 to 45)

EasyStart Remote/Remote+ is installed according to the Technical Description for the EasyStart Remote/Remote+ radio remote control; see the “Installation Instructions” section.

Mount the button of the EasyStart Remote/Remote+ to the instrument panel on the right next to the steering wheel as shown.
To do so, drill a 10 mm Ø hole and insert the button in the drilled hole.



Fig. 43
① Mount button of the EasyStart Remote/Remote+

Fit the EasyStart Remote/Remote+ temperature sensor to the trim moulding of the A-pillar on the passenger side.

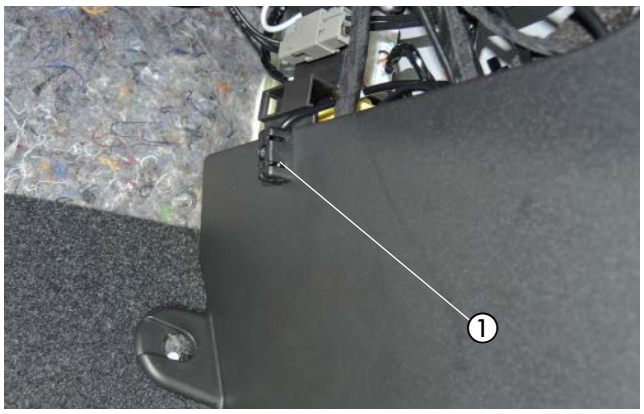


Fig. 44
① Mount the temperature sensor of the EasyStart Remote/ Remote+

The stationary part of the EasyStart Remote / Remote+ was already mounted on the left behind the glove compartment when installing the fan relay (Fig. 39) as shown.

Connect the antenna cable of the EasyStart Remote/Remote+ to the stationary part, take it to the right and lay it in the rubber door seal on the passenger's side.

Lay the cables from the installed button and temperature sensor together with the “Control unit” cable loom to the installed position of the stationary part and connect to the stationary part.

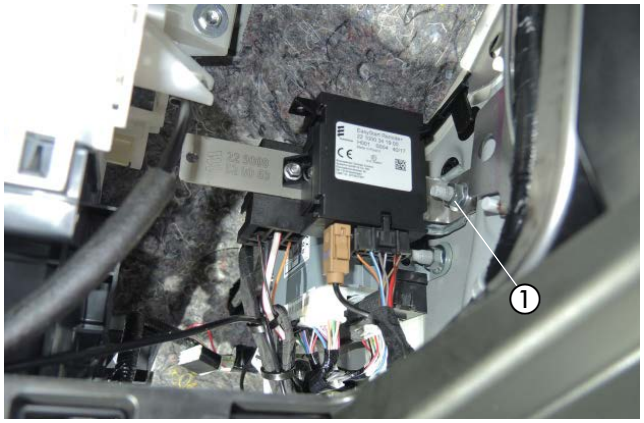


Fig. 45
① Mount the stationary part of the EasyStart Remote/Remote+

⚠ CAUTION!
Use cable ties to fix any excessive length of antenna cable underneath the instrument panel.

3 INSTALLATION

INSTALL EASYSTART WEB RADIO REMOTE CONTROL
(see Figs. 46 to 48)

The EasyStart Web is installed according to the Technical Description for the EasyStart Web Radio Remote Control; see the “Installation Instructions” section.

Mount the button of the EasyStart Web to the instrument panel on the right next to the steering wheel as shown.
To do so, drill a 10 mm Ø hole and insert the button in the drilled hole.



Fig. 46
① Install EasyStart Web button

Mount the EasyStart Web temperature sensor to the trim moulding of the A-pillar on the passenger side.

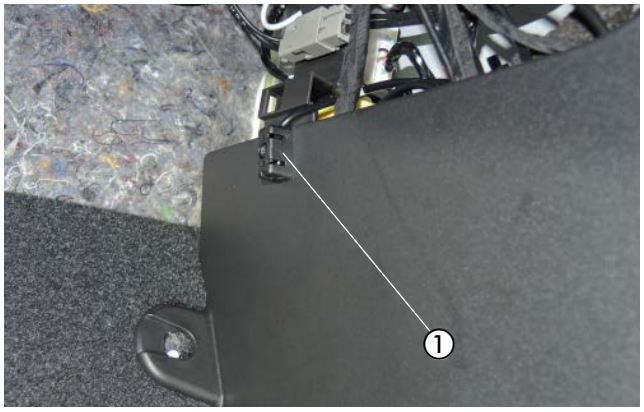


Fig. 47
① Install temperature sensor of the EasyStart Web

The stationary part of the EasyStart Web was already mounted on the left behind the glove compartment when installing the fan relay (Fig. 39) as shown.

Lay the cables from the installed button and temperature sensor together with the “Control unit” cable loom to the installed position of the stationary part and connect to the stationary part.



Fig. 48
① Stationary part of the EasyStart Web

4 FOLLOWING INSTALLATION

ADHERE THE “REFUEL” LABEL
(see Fig. 49)

Adhere the “Refuel” label inside the fuel tank flap as shown.

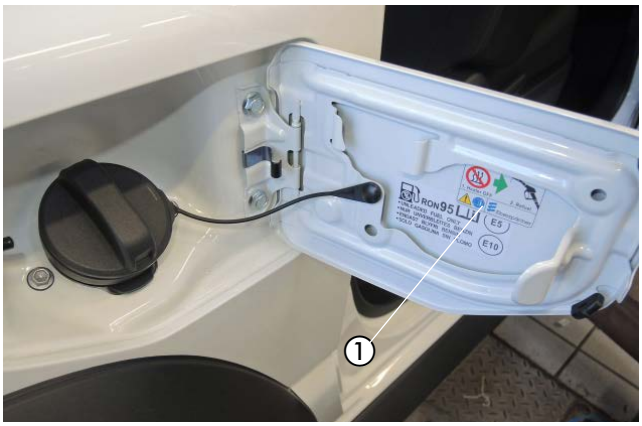


Fig. 49
① Adhere the “Refuel” label

COMPLETE THE VEHICLE

- Install all removed parts in the reverse order.
- Reconnect the battery.
- Check that the hoses, hose clips and pipe clamps as well as all electrical connections are fitted securely.
- Use cable ties to secure all loose cables, lines, etc.
- Restore all the vehicle's programmed settings (radio, window lift, etc.).
- Fill the cooling system, start the engine, vent the cooling system and check for leaks, top up any missing cooling liquid up to the marking (arrow).
- Adhere the “Refuel” label in the fuel tank flap.
- Please also note and follow the vehicle manufacturer's information on filling and venting the cooling system.
- Read and observe all official regulations and safety instructions in the Technical Description.
- Program the control unit and place the operating instructions in the glove compartment.
- PLACE THE LEAFLET FOR THE CUSTOMER IN THE VEHICLE OR HAND OVER TO THE CUSTOMER!

CAUTION!
Fill the cooling system only with the coolant liquid specified by the vehicle manufacturer.

STARTING UP THE HEATER

- Switch on the heater at the control unit.
  See Operating Instructions - Control.

5 PARTS OVERVIEW



Fig. 50

LEAFLET FOR THE CUSTOMER

BEFORE SWITCHING ON
(see Fig. 1)

- Before switching on or pre-programming the heating mode with the ignition switched on, set the vehicle's temperature controller ① to “Hot” (maximum setting).
- Set the controller for the air flow ② to maximum air flow for the windscreen.
- Set the fan controller ③ to level 2



Fig. 1
① Temperature controller
② Controller for the air flow
③ Fig controller

PLEASE NOTE!

- 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.

PLEASE NOTE!

In vehicles with interior monitoring, this must be disabled for the heating process.
Please refer to the vehicle operating instructions for disabling instructions.

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