

## **Installation instructions**

### **Light-up Audi logo**

**Audi Q5 (PU) ▶ 2021**

**Audi Q7 (PU) ▶ 2020**

**Audi Q8 ▶ 2019**

**for package**

**80A.052.111**

**4M0.052.111**

**4M8.052.111**

**Audi Genuine Accessories for Aftersales NAR**

Edition 01



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# 1 General notes

Please read these instructions carefully and note the Danger, Warning, Caution, Note and TIP descriptions before the "light-up Audi logo" is installed.

## **DANGER**

**Text with this symbol indicates dangerous situations where a failure to comply could result in death or serious injuries.**

## **WARNING**

**Text with this symbol indicates dangerous situations where a failure to comply could result in death or serious injuries.**

## **CAUTION**

**Text with this symbol indicates dangerous situations where a failure to comply could result in minor or moderate injuries.**

## **NOTICE**

**Text with this symbol indicates situations where a failure to comply could result in damage to the vehicle.**

### **TIP:**

Text with this symbol contains important additional information.

**Audi AG shall not accept responsibility in the event of failure to comply with these assembly instructions.**



## 2 Safety instructions

### 2.1 Safety instructions

#### 2.1.1 Foreword

Installation of the light-up Audi logo must be carried out by a specialist workshop. Special tools and supplementary vehicle-specific literature will be needed to perform the installation. Improper installation can cause damage to the vehicle or the light-up Audi logo.

The work to be performed on the vehicle, as detailed in these fitting instructions, may change as a result of measures to upgrade models. Consequently, modifications to connectors, wire colours or even the fitting location, for instance, should not be ruled out. For this reason, make sure that you always refer to the most current wiring diagram and/or the current repair manuals for the vehicle.

We reserve the right to make technical changes.

#### 2.1.2 General safety notes

##### NOTICE

**The specified installation positions must be adhered to.**

##### NOTICE

**Non-compliance with these installation instructions and safety notes will compromise your safety and that of third parties.**

- **Please read these installation instructions carefully before starting installation.**

##### NOTICE

**Incorrect assembly can cause damage to the light-up Audi logo.**

- **The light-up Audi logo should be installed at a qualified workshop.**

#### TIP:

All mechanical and electrical connections must be checked to make sure that they are positioned and installed correctly.

Repairs or the replacement of parts must only be performed by a qualified workshop. It is recommended that genuine spare parts available from your Audi partner are used.



## 3 Repair instructions

### 3.1 Contact corrosion

Contact corrosion can occur when unsuitable connecting elements (screws, nuts, washers) are used.

For this reason, only connecting elements with a special surface coating are fitted.

Additionally, rubber or plastic parts and adhesives are made of materials that are not electrically conductive.

If you are in any doubt about the suitability of parts, use new parts as a general rule ⇒ Electronic parts catalogue.

#### TIP:

We recommend using only genuine spare parts; these parts have been tested and are compatible with aluminium.

We recommend using Audi Genuine Accessories.

Damage caused by contact corrosion is not covered by the warranty.

### 3.2 Routing and securing lines

#### CAUTION

**Risk of injury due to malfunction of the electrical wiring.**

- Observe the safety instructions for electrical components.
- Do not route electrical wiring in hot areas.
- When installing, do not trap electrical wiring and secure it appropriately.

#### TIP:

To avoid damage to wires in the interior due to the limited space available, make sure that there is adequate clearance in relation to all moving components.

### 3.3 Framework conditions for installing the light-up Audi logo

The light-up Audi logo is installed in a workshop.

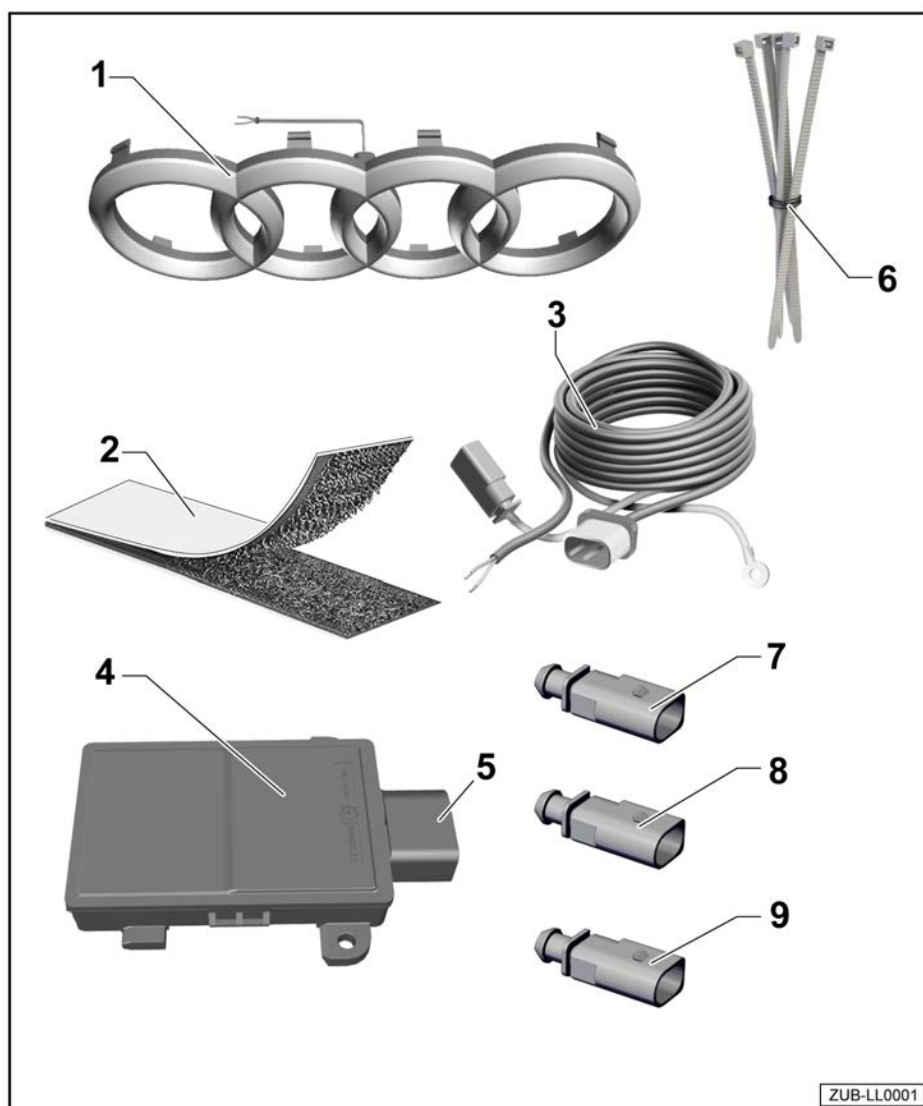
The room temperature must be 20°C +/- 4 C.



## 4 Overview of components and scope of delivery

### 4.1 Overview of components

- 1 - Light-up Audi logo
- 2 - Adhesive Velcro tape
- 3 - Retrofit wiring harness
- 4 - Control unit
- 5 - Control unit connector
- 6 - Cable ties
  - See vehicle
- 7 - Connector housing
  - 8K0.973.702
- 8 - Connector housing
  - 1J0.973.702
- 9 - Connector housing
  - 1J0.973.802



### 4.2 Scope of delivery for package 80A.052,111 for Q5 (PA)

Quantity	Component	Part number
1	Light-up Audi logo	80A.052.111.A
1	Retrofit wiring harness	80A.052.111.C
1	Control unit	80A.052.111.B
1	Connector housing	8K0.973.702
1	Connector housing	1J0.973.702
1	Connector housing	1J0.973.802
1	Adhesive Velcro tape	4B0.867.520.C
15	Cable ties, 194 mm	N.106.231.02



Quantity	Component	Part number
3	Cable ties with adhesive pad, 139 mm	WHT.005.450
1	Information sheet	

### 4.3 Scope of delivery for package 4M0.052.111 for Q7 (PU)

Quantity	Component	Part number
1	Light-up Audi logo	4M0.052.111.A
1	Retrofit wiring harness	4M0.052.111.C
1	Control unit	80A.052.111.B
1	Connector housing	8K0.973.702
1	Connector housing	1J0.973.702
1	Connector housing	1J0.973.802
1	Adhesive Velcro tape	4B0.867.520.C
15	Cable ties, 194 mm	N.106.231.02
3	Cable ties with adhesive pad, 139 mm	WHT.005.450
1	Information sheet	

### 4.4 Scope of delivery for package 4M8.052.111 for Q8

Quantity	Component	Part number
1	Light-up Audi logo	4M8.052.111.A
1	Retrofit wiring harness	4M0.052.111.C
1	Control unit	80A.052.111.B
1	Connector housing	8K0.973.702
1	Connector housing	1J0.973.702
1	Connector housing	1J0.973.802
1	Adhesive Velcro tape	4B0.867.520.C
15	Cable ties, 194 mm	N.106.231.02
3	Cable ties with adhesive pad, 139 mm	WHT.005.450
1	Information sheet	

### 4.5 Preparations

**Applies to all vehicles**

**Special tools and workshop equipment required**

- ◆ Hot air blower
- ◆ Power drill
- ◆ Drill bit, 12 mm
- ◆ Extraction tool



**TIP:**

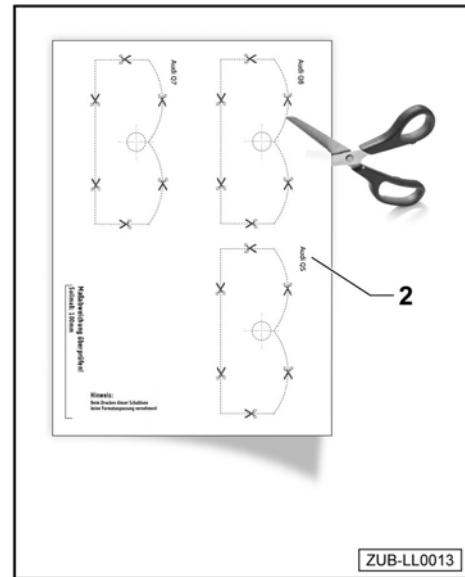
The appendix to the installation instructions contains a template for positioning the hole on the radiator grille.

Print out the template.

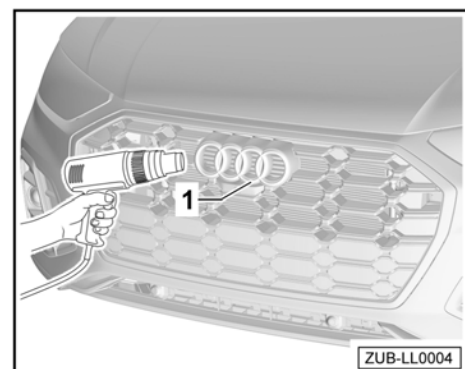
The template features a positioning mark. Using a ruler, measure the positioning mark. This must be 100 mm.

If the dimension is too small or large, the printer options must be changed from "Fit" to "Actual size".

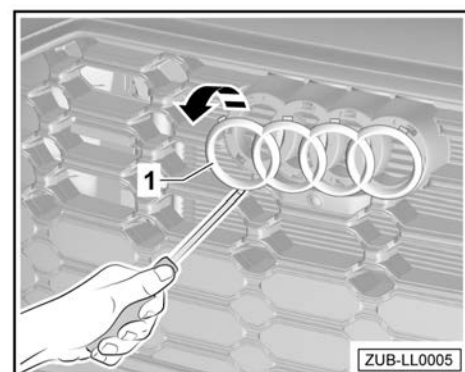
Cut out the template -2- for the vehicle in question.



- Warm the Audi logo -1- slightly using a hot air blower.



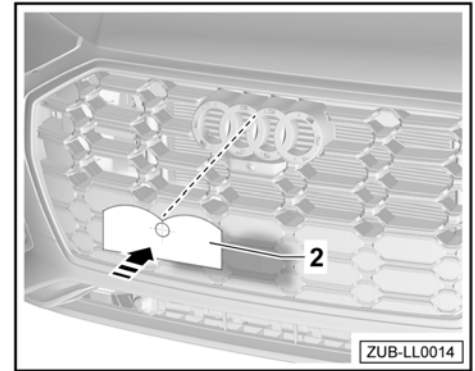
- Remove the heated Audi logo -1- from the radiator grille using a suitable workshop tool.



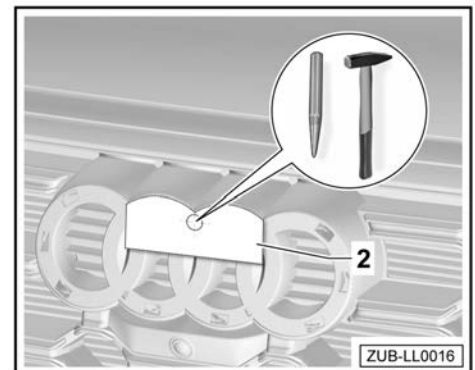




- Place the light-up logo cable feed-through template -2- for the desired vehicle on the radiator grille.



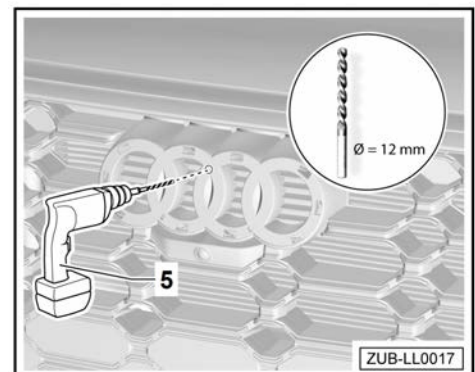
- Using appropriate workshop tools, position the centring aid for the hole on the radiator grille. Warning: risk of breakage!



- Use a drill -5- and a 12-mm drill bit to create the cable feed-through for the light-up logo.

**i Note**

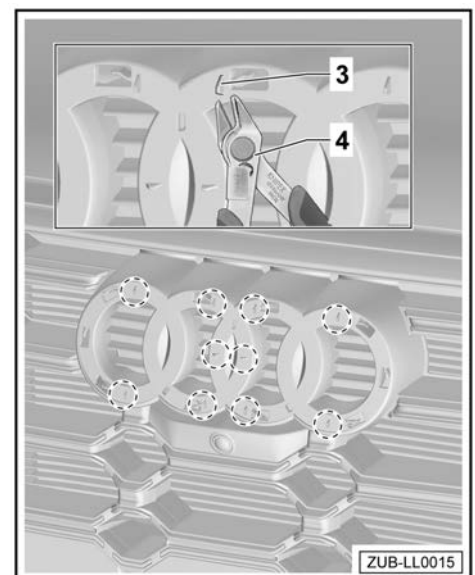
*Before drilling, check that there are no wires or other components in the way!*



- Using appropriate workshop tools -4-, remove the ten positioning clips -3- on the radiator grille.

**i Note**

- ◆ *Sand in such a way that no scratches or damage are caused to the radiator grille.*
- ◆ *A flat surface must be created.*





## 5 Connecting the light-up Audi logo in the Audi Q5 (PU)

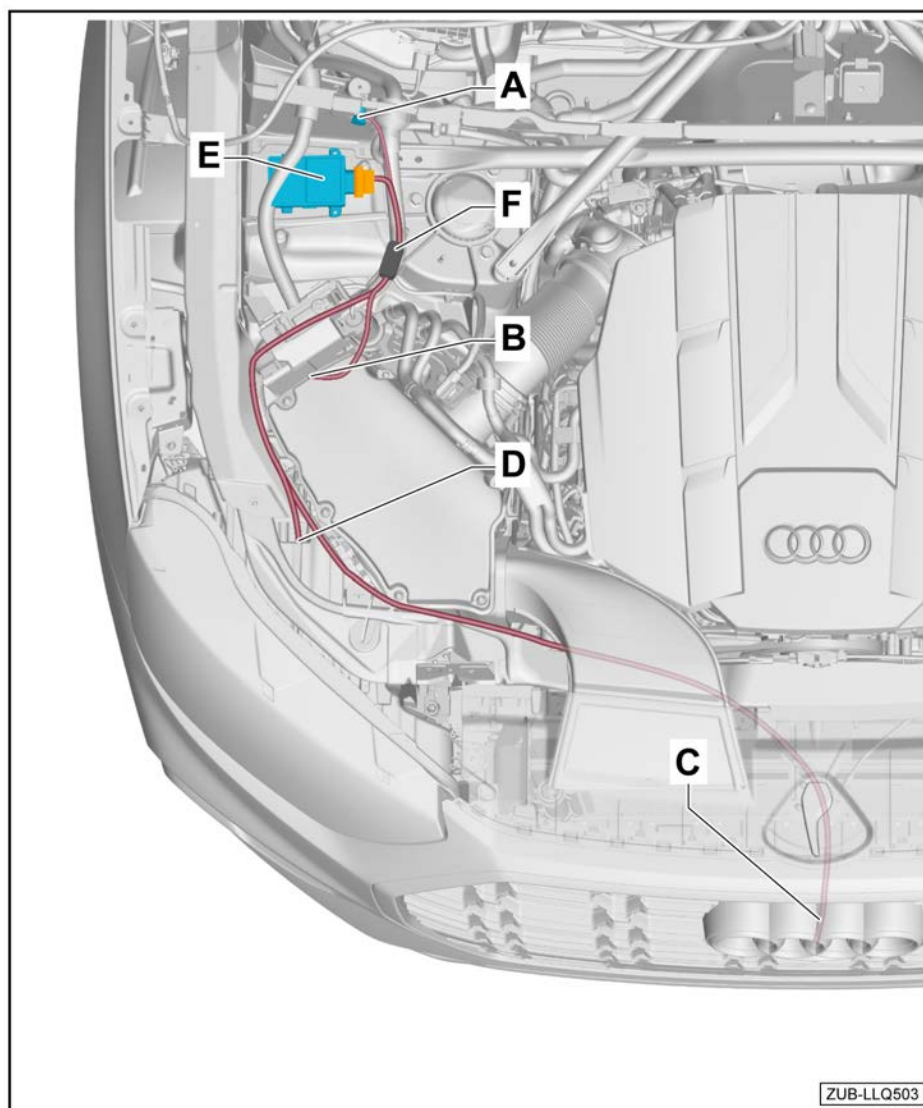
### 5.1 Preparations

- Disconnect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery
- Remove the engine cover ⇒ Engine; Rep. gr. 10; Engine cover; Removing and installing the engine cover
- Remove the air filter housing ⇒ Engine; Rep. gr. 24; Air filter; Removing and installing the air filter housing
- Remove the noise insulation ⇒ Exterior body work; Rep. gr. 66; Noise insulation; Removing and installing noise insulation
- Remove the lock carrier cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the lock carrier cover
- Remove the right-hand headlight cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the headlight cover

### 5.2 Routing and connecting

#### Position in the vehicle

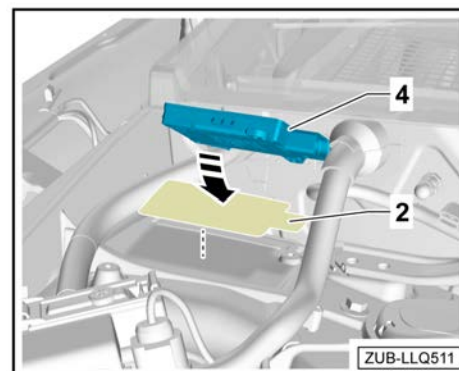
- A - Connecting to earth**
- B - Terminal 30 connection**
- C - Light-up Audi logo connection**
- D - CAN connection at the headlight connector**
- E - Control unit connection**
- F - Fuse carrier**



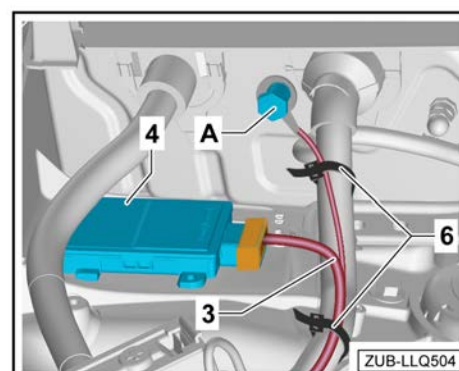


### Installing and routing the light-up Audi logo in the vehicle

- Clean the adhesive position of the control unit -4-, it must be dry, clean and free of dust and grease.
- Secure the control unit -4- to the body behind the wiring junction with adhesive Velcro tape -2-.
- Note the alignment of the control unit -4-.



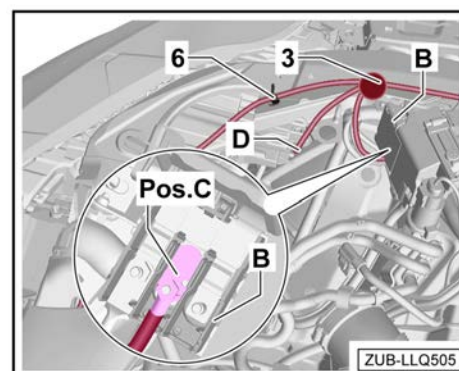
- Connect the retrofit wiring harness -3- to the control unit -4-.
- Unscrew the earth stud -A-.
- Attach the eyelet to the brown cable of the retrofit wiring harness -3- and screw it back on with the earth stud -A-.
- Secure the retrofit wiring harness -3- up to the wiring junction using cable ties -6-.



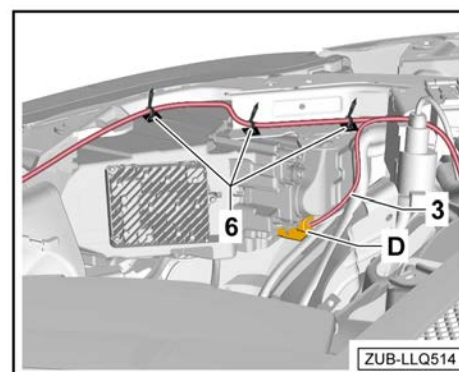
- Connect the black cable for terminal 30 on the retrofit wiring harness -3- to wiring junction -B- in position C, or optionally position E-.

**Note**

*A free slot should be used where possible; the slot must be secured.*

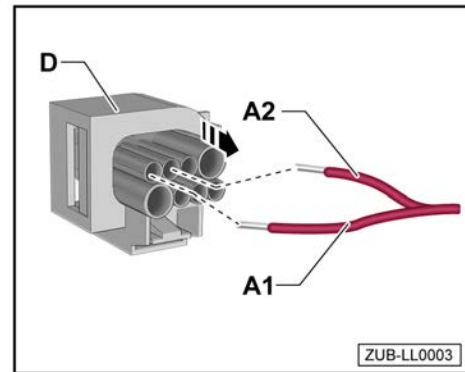


- Route the short cable end and connector 1J0.973.802 of the retrofit wiring harness -3- in the direction of headlight connector -D-.
- Secure the retrofit wiring harness -3- using cable ties -6- as required.

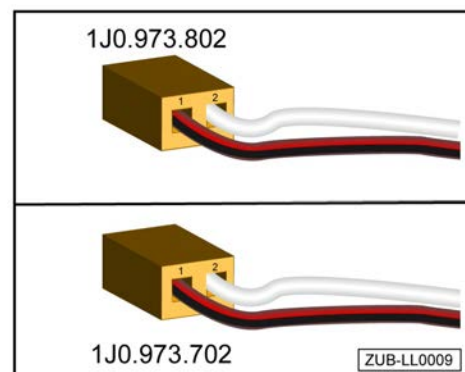
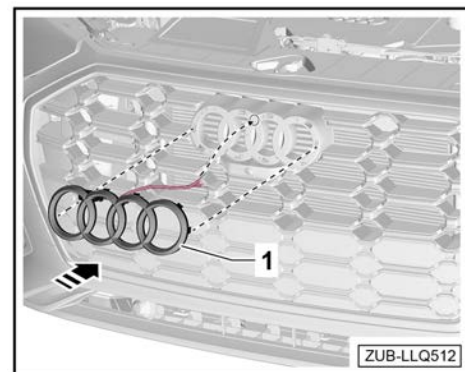




- Disconnect headlight connector -D- and unpin contacts -A1 CAN High grey cable- and -A2 CAN Low orange/brown cable-.
- Pin the released contacts -A1 CAN High grey cable- and -A2 CAN Low orange/brown cable- into the provided connector 8K0.973.702 as follows:
  - A1 CAN High grey cable- in chamber 1.
  - A2 CAN Low orange/brown cable- in chamber 2.
- Connect connector housing 1J0.973.802 of the retrofit wiring harness -3- with connector 8K0.973.702.
- Pull off the protective sleeve over the two loose cable ends of the retrofit wiring harness -3- and pin the cable ends into the headlamp connector -D- as follows.
  - A1 CAN High grey cable- in chamber 1.
  - A2 CAN Low orange/brown cable- in chamber 2.
- Reconnect headlight connector -D-.
- Thread the end of the cable for of the light-up logo -1- into the engine compartment through the -12-mm- hole drilled in the radiator grille.
- Clip in the light-up logo -1-.

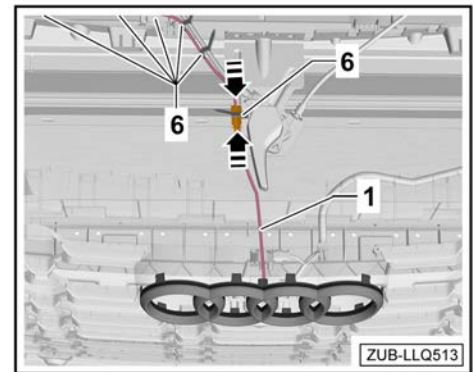


- Pull off the protective sleeve over the two loose cable ends of the light-up logo -1- and pin the cable ends into the provided connector 1J0.973.802 as follows.
  - Black/red cables- in chamber 1.
  - White cable- in chamber 2.
- Pull off the protective sleeve over the two loose cable ends on the retrofit wiring harness -3- and pin the cable ends into the provided connector 1J0.973.702 as follows.
  - Black/red cables- in chamber 1.
  - White cable- in chamber 2.





- Connect the wire of the light-up logo -1- with the retrofit wiring harness -3-.
- Route the retrofit wiring harness -3- further in the direction of the installation position for the light-up logo and secure the harness to the cable for opening the bonnet using cable ties -6-.
- Secure the connector and excess wire in the area of the bonnet opener using cable ties -6-.

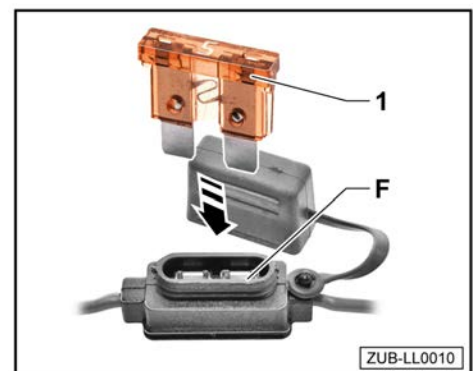


### 5.3 Recommissioning the vehicle

- Insert fuse 5A -1- into the fuse carrier -F- and position the splash protection cap over it.

#### TIP

In the delivery condition, check whether the fuse has already been fitted. Fit where necessary.



- Connect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery

#### If the battery is being reconnected, the following steps must be taken:

- ◆ Delete the fault memory.
- ◆ Activate the one-touch opening and closing of the electric windows ⇒ operating instructions.
- ◆ After reconnecting the power supply, the ESP warning light can only extinguish after a few metres have been driven.
- Commissioning the light-up Audi logo into operation ⇒ Operating instructions.



## 6 Connecting the light-up Audi logo in the Audi Q7 (PU)

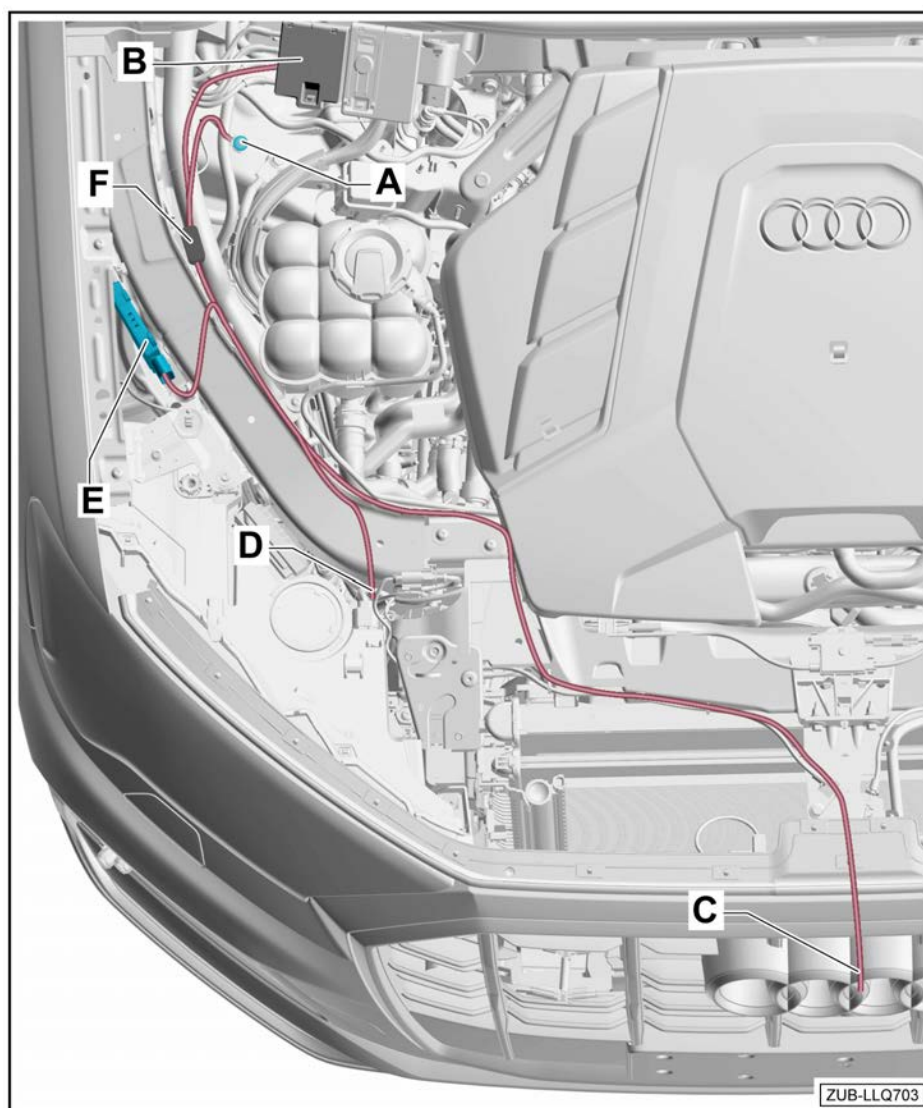
### 6.1 Preparations

- Disconnect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery
- Remove the engine cover ⇒ Engine; Rep. gr. 10; Engine cover; Removing and installing the engine cover
- Remove the noise insulation ⇒ Exterior body work; Rep. gr. 66; Noise insulation; Removing and installing noise insulation
- Remove the lock carrier cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the lock carrier cover
- Remove the right-hand headlight cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the headlight cover

### 6.2 Routing and connecting

Position in the vehicle

- A - Connecting to earth
- B - Terminal 30 connection
- C - Light-up Audi logo connection
- D - CAN connection at the headlight connector
- E - Control unit connection
- F - Fuse carrier





## Installing and routing the light-up Audi logo in the vehicle

### Note

To facilitate fitting of the retrofit wiring harness -3-, loosen the coolant expansion tank -G- and move it slightly to one side.

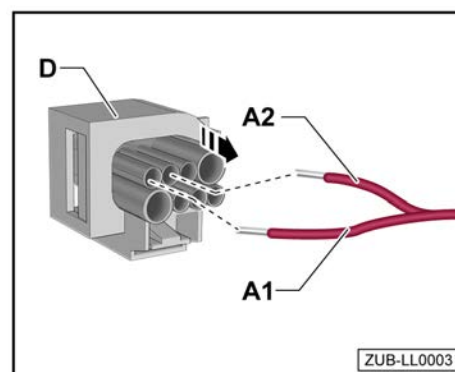
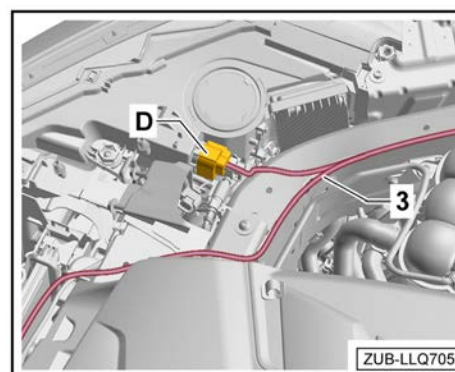
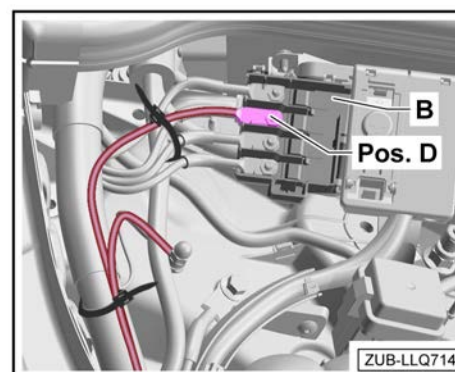
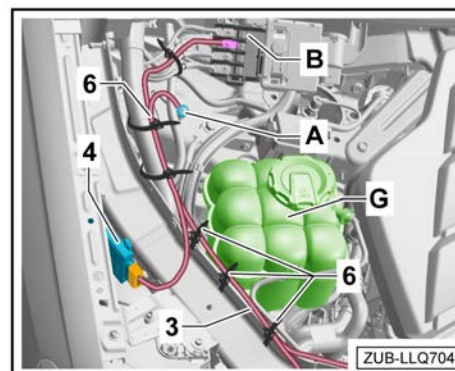
- Clean the adhesive position of the control unit -4-, it must be dry, clean and free of dust and grease.
- Secure the control unit -4- with adhesive Velcro tape on the inside of the edge on the body.
- Note the alignment of the control unit -4-.
- Connect the retrofit wiring harness -3- to the control unit -4-.
- Unscrew the earth stud -A-.
- Attach the eyelet to the brown cable of the retrofit wiring harness -3- and screw it back on with the earth stud -A-.
- Connect the black cable for terminal 30 on the retrofit wiring harness -3- to wiring junction -B- in position D, or optionally position E-.

### Note

A free slot should be used where possible; the slot must be secured.

- Secure the retrofit wiring harness up to the wiring junction using cable ties -6- and route the harness further in the direction of the installation position for the light-up logo.
- Route the short cable end and connector 1J0.973.802 of the retrofit wiring harness -3- in the direction of headlight connector -D-.

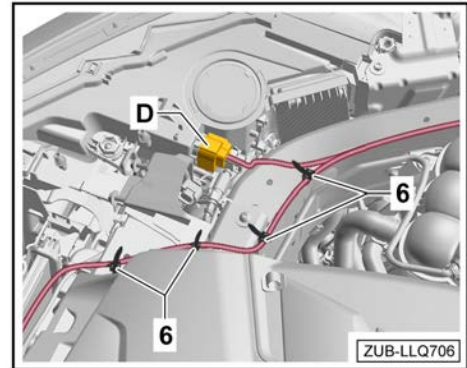
- Disconnect headlight connector -D- and unpin contacts -A1 CAN High green/grey cable- and -A2 CAN Low white/grey cable-.
- Pin the released contacts -A1 CAN High green/grey cable- and -A2 CAN Low white/grey cable- into the provided connector 8K0.973.702 as follows:
  - A1 CAN High green/grey cable- in chamber 1.
  - A2 CAN Low white/grey cable- in chamber 2.
- Connect connector housing 1J0.973.802 of the retrofit wiring harness -3- with connector 8K0.973.702.



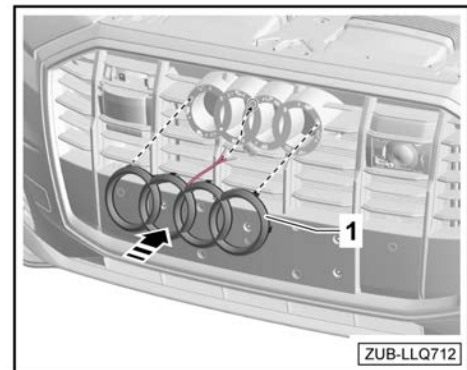
EN



- Pull off the protective sleeve over the two loose cable ends of the retrofit wiring harness -3- and pin the cable ends into the headlamp connector -D- as follows.
- A1 CAN High green/grey cable- in chamber 1.
- A2 CAN Low white/grey cable- in chamber 2.
- Reconnect headlight connector -D-.
- Route the retrofit wiring harness -3- in the direction of the installation position for the light-up logo and secure the harness to the body/lock carrier using cable ties -6-.



- Thread the end of the cable for of the light-up logo -1- into the engine compartment through the -12-mm- hole drilled in the radiator grille.
- Clip in the light-up logo -1-.

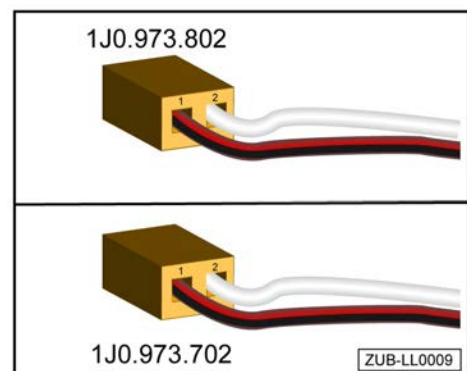


- Pull off the protective sleeve over the two loose cable ends of the light-up logo -1- and pin the cable ends into the provided connector 1J0.973.802 as follows.

- Black/red cables- in chamber 1.
- White cable- in chamber 2.

- Pull off the protective sleeve over the two loose cable ends on the retrofit wiring harness -3- and pin the cable ends into the provided connector 1J0.973.702 as follows.

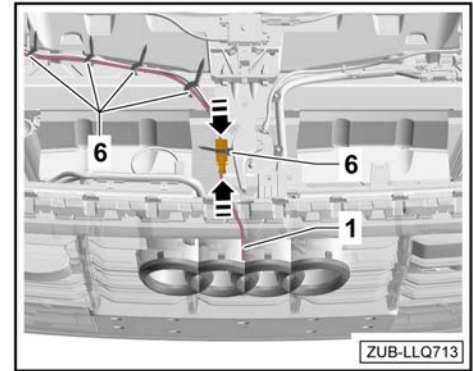
- Black/red cables- in chamber 1.
- White cable- in chamber 2.







- Connect the wire of the light-up logo -1- with the retrofit wiring harness -3-.
- Route the retrofit wiring harness -3- in the direction of the installation position for the light-up logo and secure the harness to the cable for opening the bonnet using cable ties -6-.
- Secure the connector and excess wire in the area of the bonnet opener using cable ties -6-.

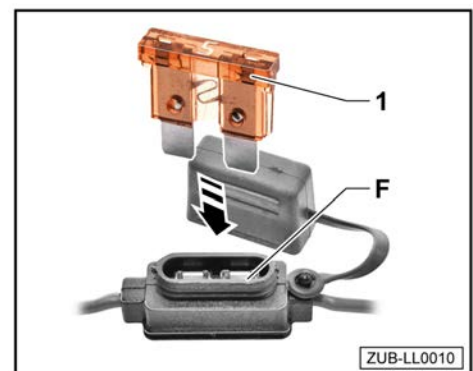


### 6.3 Recommissioning the vehicle

- Insert fuse 5A -1- into the fuse carrier -F- and position the splash protection cap over it.

#### TIP

In the delivery condition, check whether the fuse has already been fitted. Fit where necessary.



- Connect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery

#### If the battery is being reconnected, the following steps must be taken:

- ◆ Delete the fault memory.
- ◆ Activate the one-touch opening and closing of the electric windows ⇒ operating instructions.
- ◆ After reconnecting the power supply, the ESP warning light can only extinguish after a few metres have been driven.
- Commissioning the light-up Audi logo into operation ⇒ Operating instructions.



## 7 Connecting the light-up Audi logo in the Audi Q8

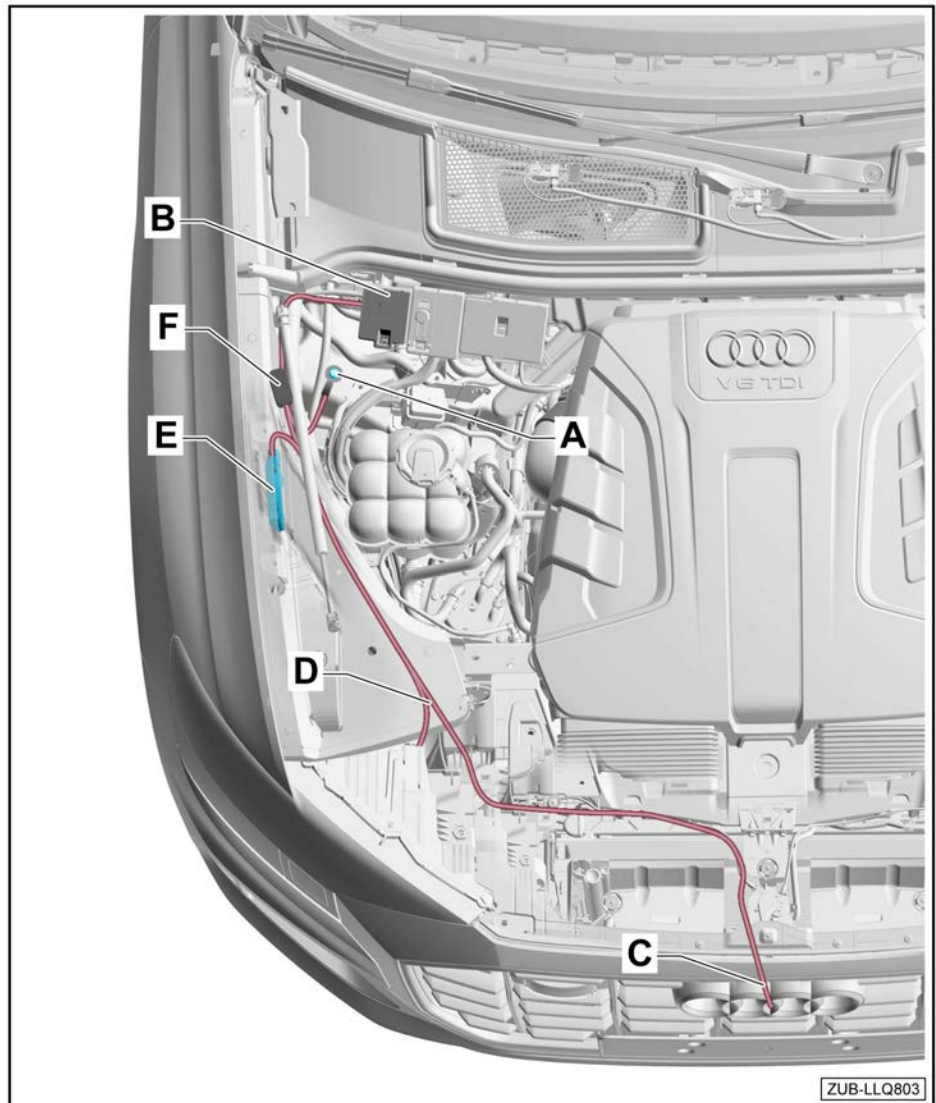
### 7.1 Preparations

- Disconnect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery
- Remove the engine cover ⇒ Engine; Rep. gr. 10; Engine cover; Removing and installing the engine cover
- Remove the noise insulation ⇒ Exterior body work; Rep. gr. 66; Noise insulation; Removing and installing noise insulation
- Remove the lock carrier cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the lock carrier cover
- Remove the right-hand headlight cover ⇒ Exterior body work; Rep. gr. 63; Front bumper; Removing and installing the headlight cover
- Remove the main headlight cover ⇒ Exterior body work; Rep. gr. 63; Cover; Removing and installing the main headlight cover

## 7.2 Routing and connecting

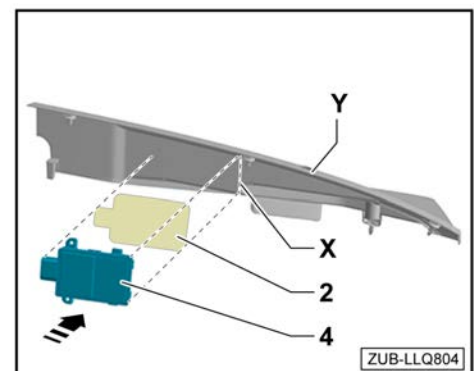
### Position in the vehicle

- A - Connecting to earth
- B - Terminal 30 connection
- C - Light-up Audi logo connection
- D - CAN connection at the headlight connector
- E - Control unit connection
- F - Fuse carrier



### Installing and routing the light-up Audi logo in the vehicle

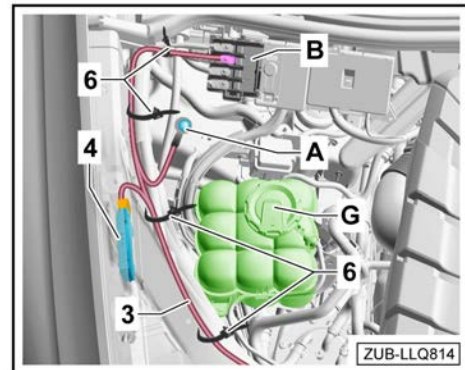
- Clean the adhesive position of the control unit -4-, it must be dry, clean and free of dust and grease.
- Secure the control unit -4- to the inside edge -X- of the main headlight cover -Y- using adhesive Velcro tape -2-.
- Observe the alignment of the control unit -4- at edge -X-.





**i Note**

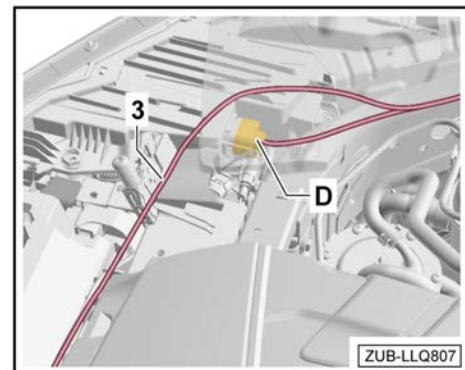
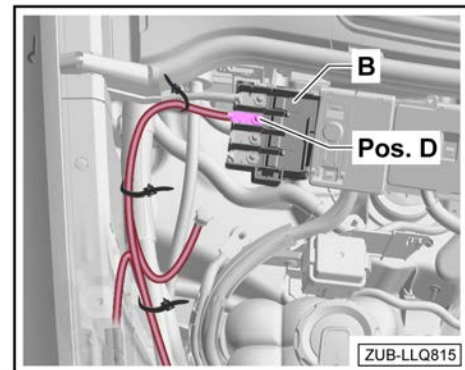
- ◆ To facilitate fitting of the retrofit wiring harness -3-, loosen the coolant expansion tank -G- and move it slightly to one side.
- Connect the retrofit wiring harness -3- to the control unit -4-.
- Unscrew the earth stud -A-.
- Attach the eyelet to the brown cable of the retrofit wiring harness -3- and screw it back on with the earth stud -A-.
- Secure the retrofit wiring harness up to the wiring junction using cable ties -6-.
- Connect the black cable for terminal 30 on the retrofit wiring harness -3- to wiring junction -B- in -position D, or optionally position E-.



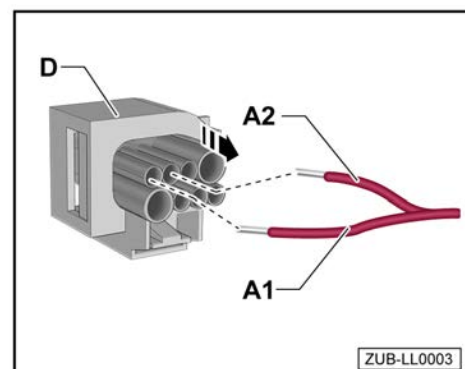
**i Note**

A free slot should be used where possible; the slot must be secured.

- Secure the retrofit wiring harness up to the wiring junction using cable ties -6- and route the harness further in the direction of the installation position for the light-up logo.
- Route the short cable end and connector 1J0.973.802 of the retrofit wiring harness -3- in the direction of headlight connector -D-.

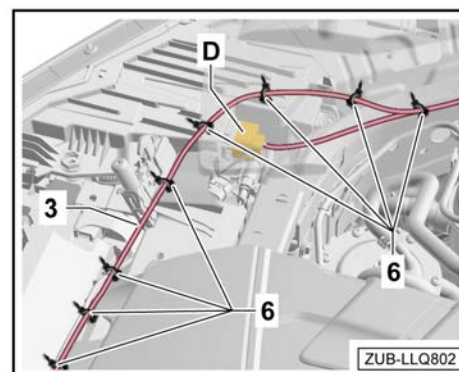


- Disconnect headlight connector -D- and unpin contacts -A1 CAN High green/grey cable- and -A2 CAN Low white/grey cable-.
- Pin the released contacts -A1 CAN High green/grey cable- and -A2 CAN Low white/grey cable- into the provided connector 8K0.973.702 as follows:
  - A1 CAN High green/grey cable- in chamber 1.
  - A2 CAN Low white/grey cable- in chamber 2.
- Connect connector housing 1J0.973.802 of the retrofit wiring harness -3- with connector 8K0.973.702.
- Pull off the protective sleeve over the two loose cable ends of the retrofit wiring harness -3- and pin the cable ends into the headlamp connector -D- as follows.
  - A1 CAN High green/grey cable- in chamber 1.

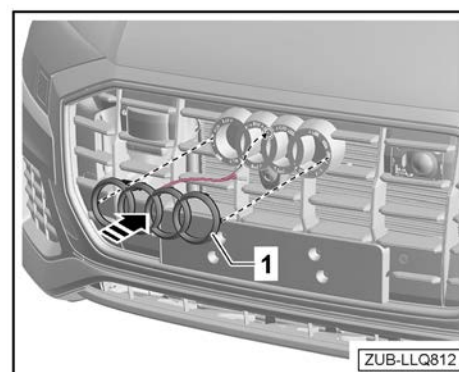




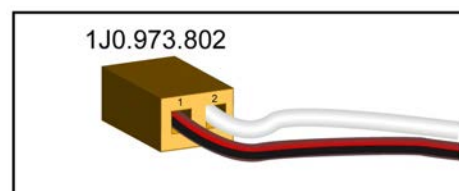
- A2 CAN Low white/grey cable- in chamber 2.
- Reconnect headlight connector -D-.
- Route the retrofit wiring harness -3- in the direction of the installation position for the light-up logo and secure the harness to the lock carrier using cable ties.
- Route the retrofit wiring harness -3- further in the direction of the installation position for the light-up logo and secure the harness to the cable for opening the bonnet using cable ties -6-.



- Thread the end of the cable for of the light-up logo -1- into the engine compartment through the -12-mm- hole drilled in the radiator grille.
- Clip in the light-up logo -1-.

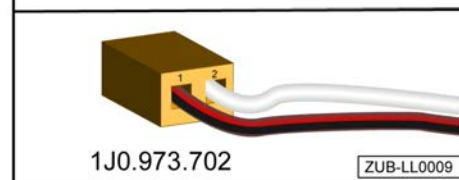


- Pull off the protective sleeve over the two loose cable ends of the light-up logo -1- and pin the cable ends into the provided connector 1J0.973.802 as follows.



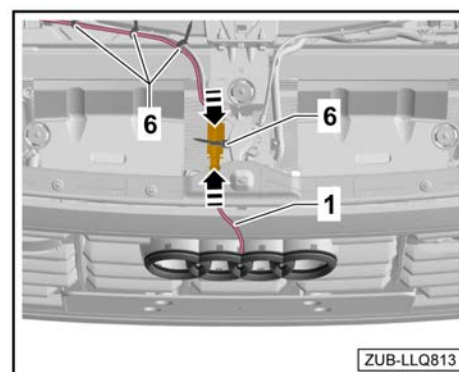
- Black/red cables- in chamber 1.
- White cable- in chamber 2.

- Pull off the protective sleeve over the two loose cable ends on the retrofit wiring harness -3- and pin the cable ends into the provided connector 1J0.973.702 as follows.



- Black/red cables- in chamber 1.
- White cable- in chamber 2.

- Connect the wire of the light-up logo -1- with the retrofit wiring harness -3-.
- Route the retrofit wiring harness -3- in the direction of the installation position for the light-up logo and secure the harness to the cable for opening the bonnet using cable ties -6-.
- Secure the connector and excess wire in the area of the bonnet opener using cable ties -6-.



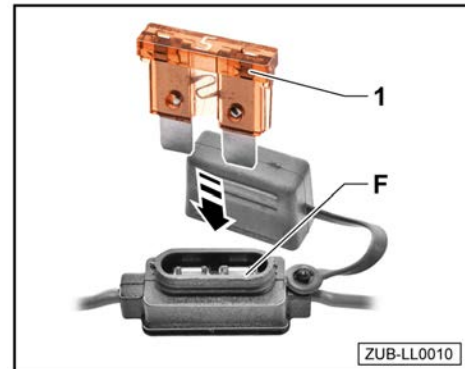


### 7.3 Recommissioning the vehicle

- Insert fuse 5A -1- into the fuse carrier -F- and position the splash protection cap over it.

#### TIP

In the delivery condition, check whether the fuse has already been fitted. Fit where necessary.

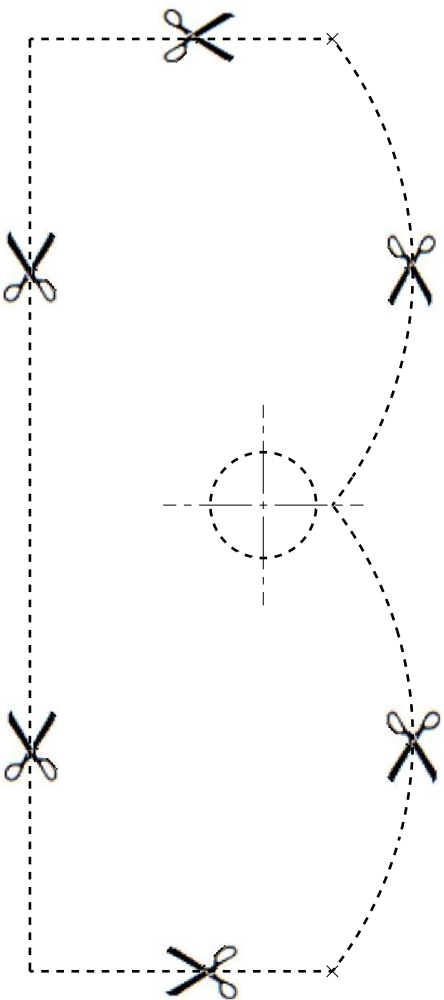


- Connect the battery ⇒ Electrical system; Rep. gr. 27; Battery; Disconnecting and connecting the battery

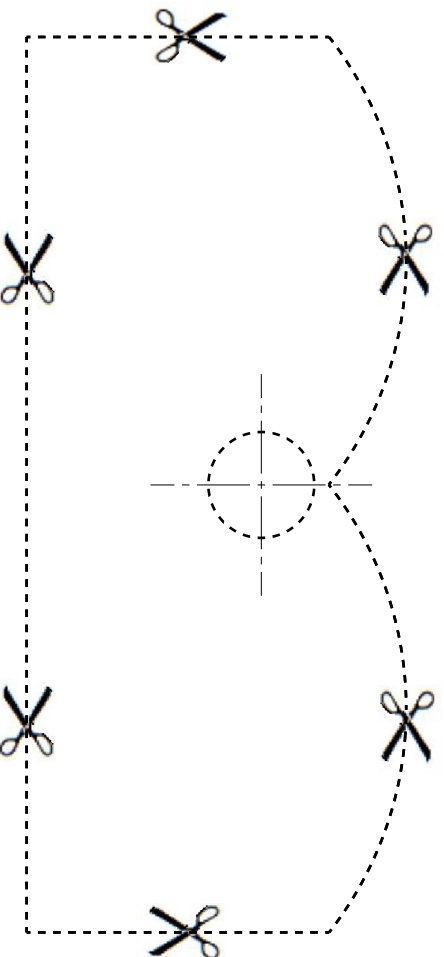
**If the battery is being reconnected, the following steps must be taken:**

- ◆ Delete the fault memory.
- ◆ Activate the one-touch opening and closing of the electric windows ⇒ operating instructions.
- ◆ After reconnecting the power supply, the ESP warning light can only extinguish after a few metres have been driven.
- Commissioning the light-up Audi logo into operation ⇒ Operating instructions.

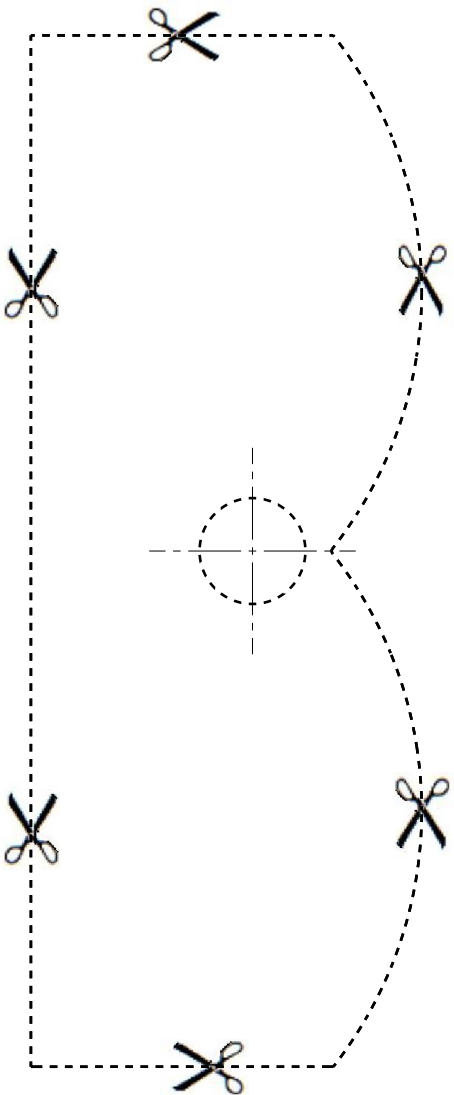
Audi Q8



Audi Q5



Audi Q7



**Check dimensional change!**

Nominal size: 100mm

**Note:**

When printing this template  
don't make any format adaption!