

AWHL400 24V built-in seat heating

Installation instructions

Package contents (for 1 seat):

backrest heating unit - 2 heating plates

seat heating unit - 2 heating plates

3 position switch

wiring harness

Technical description:

Current consumption: 2.28 A

operating voltage: 24 V +/- 25%

switch type: 2-color (green and red) LED, 2-position toggle switch

number and size of heating plates: 4 pieces, 13x30 cm each

The AWHL seat heating switch has 3 levels. Functions of each switch position:

HI position: high stage heating (45° C), RED LED lit 35 ° C (on) - 45 ° C (off) ± 4 ° C

LOW position: low level heating (35° C), GREEN LED on 25 ° C (on) - 35 ° C (off) ± 4 ° C

CENTER position: off, none of the LEDs are lit.

The user can choose between high and low level heating. The temperature values indicated for each stage do not refer to the temperature of the seat surface, but to the temperature of the heating system. The two temperature values cannot be the same, because the temperature of the seat surface also depends on the quality and thickness of the seat upholstery.

Tools required for installation:

knife

scalpel

upholstered tools

pliers

screwdrivers

wrenches

soldering iron

cable ties

insulating tape

Installation:

1. Define the location of the hotplates on the seat surface. It is important that the metal stiffening rods of the seat cover should not get on the hotplates as they would rub out the hotplate fabric which could cause a short circuit!

2. Remove the seat from the vehicle. If there is an airbag in the seat, turn off the ignition and wait at least 30 minutes. Do not switch on the ignition during installation!

3. Be careful not to disconnect their airbag wiring if possible.

4. Remove covers that may prevent the upholstery from being removed.

5. If possible, separate the seat and backrest

6. Remove the upholstery from the seat.

7. Place the hob on the seat, secure with double-sided adhesive. The wiring of the seat heating element of the seat is black, while the wiring of the seat back is yellow-red-black. It is important that you do not place the metal stiffening rods of the seat cover on the heating plates, as I would rub the heating plate fabric, which could cause a short circuit!

8. Drill the sponge with a pointed tool and thread the wiring harness through it.

9. Replace the upholstery and plastic covers on the seat.

10. Also remove the upholstery from the backrest and secure the hotplates as described above.

11. Glove the cable to one side of the backrest and reinstall the upholstery.

12. Assemble the seat and connect the two black connectors. All cables must be securely fastened to avoid vibrations and noise during driving.

13. Route the wiring harness under the car floor covering. Connect the positive (red) and negative (black) wires to the car's electrical system via a fuse. It is recommended to connect the seat heater to a point that is energized after the ignition is switched on. Thus, the heater will not be able to discharge the battery if it has been switched on and forgotten after stopping the vehicle.

14. Replace the seat, if it has an airbag, connect its wiring. **CAUTION!** It is FORBIDDEN to connect an airbag wiring to a car under ignition. Connect the previously threaded wiring for the seat heater to the wiring from the seat.

15. Define the location of the switch. Possible options for locating the switch include:
-For front seats: cover around the gear lever, side cover of the seat rails, instrument panel.

-For rear seats: cover around the gear lever, column cover, center console.

After selecting the location of the switch, make a hole 20 mm in diameter.

16. Insert the switch into the hole, connect the wires, and then snap the bracket into which the 3-position switch is located.

17. Check the heater in both switch positions.

The warranty is conditional on installation by a specialist garage.

Importer;

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