



KIYO AWHL Seat Heater

Installation Guide

Contents of the Package (for 1 seat)

- bottom cushion heating element – 2 panels
- back heating element – 2 panels
- three-way switch
- wiring harness

Technical Specifications

- maximum current: 6,5 A
- operation voltage: 12-15 V
- type of switch: two-color LED, three-way switch
- heating panels: 4 pcs, 13x30 cm each

The AWHL Seat Heater's switch is a three-way one. Functions in detail:

- **HIGH state:** high intensity heating (45° C), the red LED lights up
35° C (turns on) – 45° C (turns off) $\pm 4^{\circ}$ C
- **LOW state:** low intensity heating (35° C), the green LED lights up
25° C (turns on) – 35° C (turns off) $\pm 4^{\circ}$ C
- **MIDDLE state:** switched off, neither LED lights up

The user can choose between high and low intensity heating. The temperatures at each state represents the temperature of the heating system, not the seat itself. The temperature of the seat cushion depends on the quality and thickness of the cover.

Tools required for the installation process

- knife
- scalpel
- upholstery tools
- pliers
- screwdrivers
- wrenches
- soldering-iron
- cable ties
- adhesive tape

Installation

❶ Check the place of the heating panels on the surface of the seat. Note that the metal barces of the seat cover must not situated on the heating panels, because of the danger of short circuit and fire.



❷ Remove the seat from the vehicle. If there is airbag in the seat, turn off the car then wait for at least 30 minutes before proceeding. Never turn on the car during the installation. Try not to disconnect the airbag's connectors if possible.



❸ Remove those plastic covers which may interfere with the removal of the seat cover. If it is possible, separate the bottom cushion and the back cushion.



- ④ Remove the seat cover from the bottom cushion.



- ⑤ Place the heating panels onto the bottom cushion and fix it with two-sided adhesive tape. The wiring of the bottom heating panels is black, while the back heating panels' is yellow-red-black. **The metal barces of the seat cover must not situated on the heating panels, because of the danger of short circuit and fire.**



- ⑥ Drill a hole into the cushion, then lace through the wiring harness.



- 7 Re-install the seat cover and the plastic covers.



- 8 Remove the seat cover from the back cushion, and install the heating panels as per the instructions above.



- 9 The wiring harness is supposedly channelled through one of the sides. Re-install the seat cover and the plastic covers.



- ⑩ Assemble the seat, then connect the two black plugs. All the cables should be properly fixed to prevent unwanted vibrations and noises.



- ⑪ Place the wiring harness under the floor carpet. Connect the positive (red) and negative (black) cables to the car's electronic system via a fuse. It is recommended to connect to a point which will be powered after the ignition. Thus the heating cannot discharge the battery, even if you forget to turn it off after stopping the vehicle.



- ⑫ Re-install the seat; if it has airbags, reconnect its cables. **CAUTION! It is forbidden to connect the airbag cables in a car under power.** Connect the cables managed in the previous steps.



13 Find a place for the switch. Possible options:

- In case of front seats: cover of the gearshift, cover of the seats' rails, dashboard.
- In case of back seats: cover of the gearshift, cover of the B-pillars, center console.

When you find a suitable place drill a hole of 20 mm diameter.



14 Insert the switch to the hole, connect the cables, and install the console (now with the 3-way switch) back to its place.



15 Check the heating on both intensity.





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