

AMPIRE®

HEAT300

German Engineering. Out of the ordinary.



Installation Manual

English



Before attempting to connect or operate this product, please read the instructions completely.

Precautions

- Pay utmost attention if you install the seat heater into the driver's compartment.
- Use only in right vehicles.
- Make correct connections.
- Do not damage pipe or wiring when drilling holes.
- Arrange the wiring so it is not crimped or pinched by a sharp metal edge.
- Do not install the seat heater, that it might hinder vehicle operations. Use the installation materials provided with the seat heater.
- Warning! Wrong installation may damage the vehicles electronic! Pay utmost attention on instructions of the vehicles manufacturer. This seat heater is developed for motor vehicle use only.

Environmental Reference

- Old electronic devices don't belong into the bin.
- If you want to dispose this equipment later, remove all cables and send it back to Ampire or bring it to a collection point for old electronic devices.
- You can dispose this device together with your old car, too. You don't have to remove it in this case.
- The packing can be recycled. Dispose the packing in a collecting system planned for it.



- Universal Heater (2x)
- Wire harness with relay
- Switch 1/2/OFF with LED
- Fuse holder with fuse
- 4 Self-adhesive tape for mounting
- Accessories Kit

Wiring

- Black: Mass (Car Body)
- Red: +12V (Kl. 30) - *Charging Rate 5A*
- Yellow: Ignition (Kl. 15)
- Grey: Headlight

Features

- Set for 1 seat
- Very rapid and homogeneous heating pattern
- Heating elements adaptable to seat geometry
- Suitable for seats with textile or leather
- 2 levels of heating
- Control by thermostat
- Thermal protection
- Mounting under seat upholstery
- Power supply 12V DC, 5 Amps
- Dimensions of heating element: 475 x 255mm (H x W)
- Complete set including switches and wiring

Safety Instructions

01. Neglecting these safety instruction steps can cause property damages or accidents with serious - even life-threatening - injuries, evoked by fires or electric shocks. Therefore assembly should be done only by authorized service centre or automotive saddlery!
02. Begin with checking if installation is possible:
 - a) Installation is complex if not impossible with adhesive upholstered seats
 - b) Installation is not possible on seats with longitudinal ditches
 - c) Installation is not possible on seat with a central area width less than 270 mm, edges have to end in front of lateral ditches.
03. For installation on seats with occupation recognition follow instructions of vehicle manufacturer!
04. For installation on seats with belt tightener follow instructions of vehicle manufacturer!
05. For installation on seats with side airbags in backrest follow instructions of vehicle manufacturer!
 - a) Seat cover and its seams have to stay unchanged
 - b) Mount heating mat only on the central area of foam body
06. Control connection scheme for checking that electrical system and wire cross section are suitable for additive current load
07. Search a practical place for switches.
08. Use only original components included in delivery!
09. Never change width by cutting the mats long ways, cut off only as shown.
(Page 12; Fig. 1)
10. You can feed the mats through crosswise ditches, but edges of cutouts have to end in front of these.
11. Heating mat must not contact any electroconductive seat components such as hog rings and seat frame, unless it is additionally insulated. Isolate the edges of cutouts with fabric adhesive tape.
12. Never cut the electrode while making a cutout, be sure to keep a minimum space of 40 mm! (Page 12; Fig. 2)

Safety Instructions

13. Normally carbon fibers overlap a few millimetres besides heating mats, avoid contact with any electroconductive seat components. Take especially care of lateral metal wiring!
14. Apply the heating elements (e.g. capable spray-on glue) without crinkles and fix well, otherwise exists fire risk!
15. See that heating elements not becomes damaged during installation, as could be caused by pilot tools, hog rings or seat frames!
16. Before applying the heating mats, the foam body has to be free of fat, oil and silicone! You receive full adhesive strength by sufficient surface pressure and curing time. Normally it takes several hours. Once installed, don't remove the heating mats for re-installation!
17. Pay attention while running the cable to fix it carefully, so that seats can be moved without problems the whole way!
18. Avoid damaging cable isolation by sharp edges, kinking or tensile stress.
19. Note down evading memory codes (e.g. radio, navigation), and then disconnect battery before start working on the electrical system!
20. Depending on seat and cover material, the temperature varies on seat surface.
21. In cases of failure or breakdown please control safety fuse first!
22. Explain function and instruct on safety before handing over the customers car!

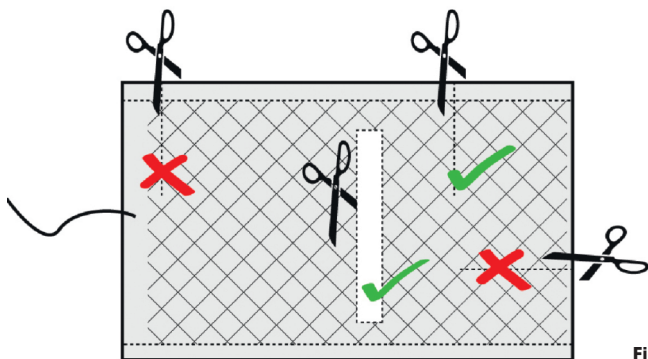


Fig. 1

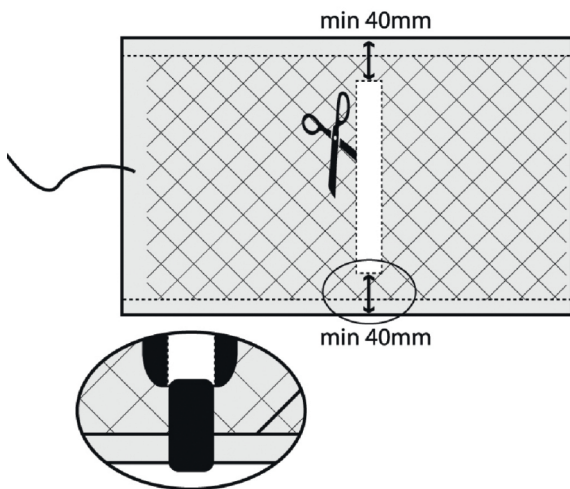
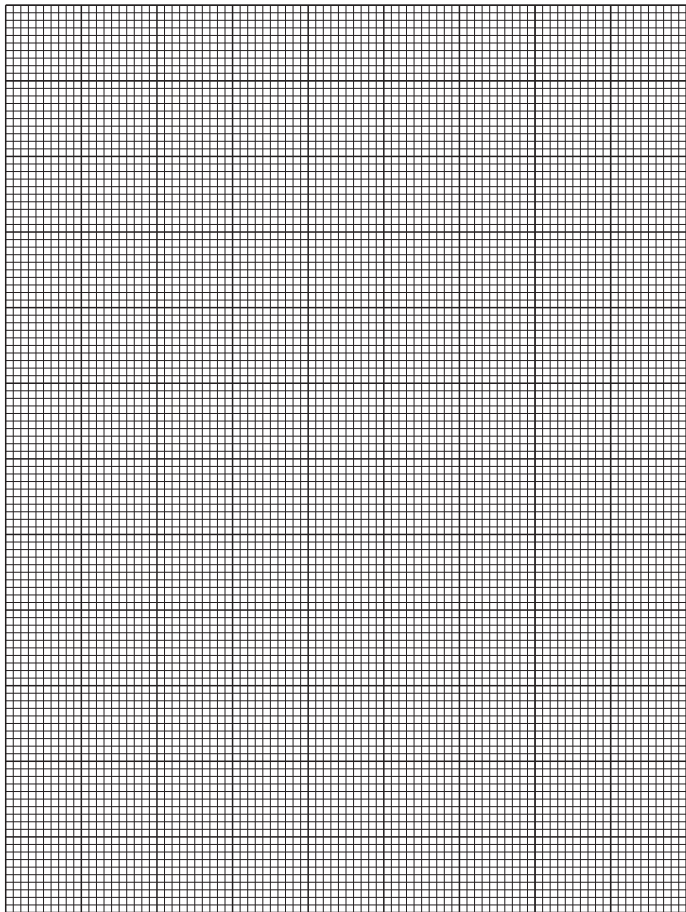


Fig. 2



Since its founding in 1987 Ampire Electronics has only one goal, to provide the best possible Autoalarm-, Autohifi- and Multimedia products, which are available on the international market. All manufacturing facilities and suppliers are certified according to ISO 9001 and QS-9000. Ampire quality products are sold worldwide.

An Ampire customer service is available in many countries.
For more information about distributors in your territory please call: + 49-2181-81955-0.

We are focused on future oriented development of user friendly products.
The outstanding high quality standards, functionalities and designs of our products are unique in the market. "German Development" is taken literally in AMPIRE.

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