

INSTRUCTION SHEET

Part Number

119-104

Universal 12 Volt Seat Heater

Application: Various

Tools Needed







Part Includes

- 1 Seat Heater Elements set with power lead
- 1 Wiring Harness
- 1 Switches

NOTE: The seat heating system must be connected to a 12 Volt DC power supply.

NOTE: Cars fitted with side airbags have to be treated according to the manufacturers fitting manuals.

NOTE: The seat heating elements have to be installed flat without any folds in the element.

STEP 1.

Remove seat cover where heater is to be installed. It is recommended to remove the seat completely from the car. If the cushion is glued on the seat foam, carefully separate the foam from the cover.

STEP 3.

Do a "dry run" to lay out the location for the heating elements on the seat cushions. A small, round thermostat is attached to the back of one of the heating elements. Make one hole 10mm x 15mm (deep/wide) in the foam for this thermostat, remove the paper covering the adhesive backing, and apply the heating element on the top of the seat cushion. IMPORTANT! The seat heating elements have to be fitted without any folds.

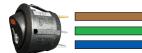
Fit the cushion cover back over the seat. If necessary, use metal upholstery clips and tools for fitting, but the clips must not come in contact with the heating elements, as a short may cause a fire.

STEP 5.

Plug the open connectors of the wire harness to the open wires from the seat and back heating element. The wire harness has to be fitted in a way that a full range of movement of the seat is possible without damaging the harness.

STEP 6.

Choose the location for the switch (recommended: center console, dashboard or seat side shield) and drill a hole with a diameter of 19mm. Run the wiring harness to this location. Pull the connecting wires through the hole from the back side of the dash or console. Connect the wire harness to the switch as follows:



Plug 1: Brown wire on the harness

Plug 2: Green Wire on the harness

Plug 3: Blue wire (ground) on the harness

STEP 7.

Connect the remaining open wires (red, yellow, black) to a 12 volt power supply as follows:



Yellow Wire: Connect to ignition (+) current (ACC+) on the car Red Wire: Connect to continuous (+) current on the car

Black Wire: Connect to ground (-) on the car

















2900 North Third Street, Effingham, IL 62401 800.500.1500 · Worldwide: 217.540.4200 · FAX: 217.540.4800 www.mamotorworks.com · generalmail@mamotorworks.com @Mid America Motorworks, Inc. All rights reserved.