

# SCSMS Heater Installation

THE **MOTOHEATER** is a heating system that has been designed to be installed on the foam surface of a motorcycle seat. The available material is adhered to the seat and the excess material is trimmed off. This reduces the “see through” that is found on competitive heaters that are in the market. With water resistant connectors and switch, the heater system will provide soothing heat for years to come.

## **GENERAL ADVICE:**

- The MotoHeater is to be installed on the foam surface, under the seat cover. Always check the heater placement on the seat prior to beginning any work. Make sure there are no vertical tie-down seams or any obstacles that would not allow the element to be installed.
- The installer is liable for any damage due to improper installation.
- All steps explained in this manual are to be followed with great care. Installation has to be performed by qualified personnel only. Improper installation will void the limited warranty provided by the manufacturer and may cause physical damage to equipment or people.
- The heating system has to be connected to a fused 12 volt accessory power. It is necessary that the system is capable of driving up to 5 Amps continuous current.
- The heating element has to be installed without any folds.
- The heating element is not to be modified by folding, cutting or in any other way.
- The wire harness has to be fitted to the seat in a way that the full range of movement of the seat is possible without damaging the wire harness.

## **Heater Installation:**

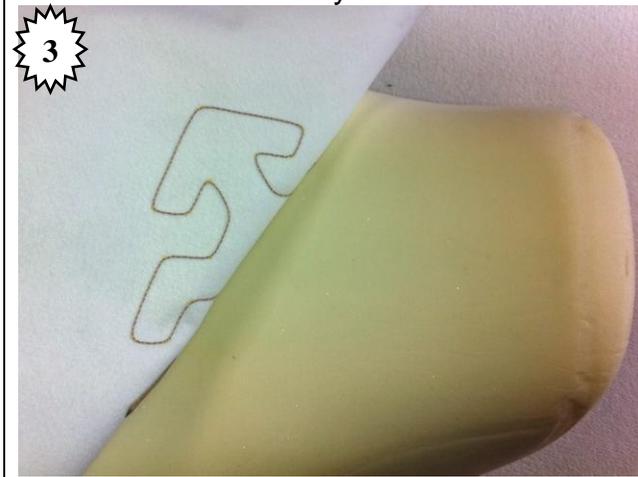
1. Place heater element on the seat and determine that the heating element will lay flat on the seat.
2. Remove the seat cover.
3. Place the heater in the desired location. Recheck the location and mark the thermostat location. Remove a portion of the seat foam so the thermostat will lie in the recess and place the heater on the foam and check that the heater lies flat and smooth. Cut necessary channel for the heater harness routing.
4. Using a Foam Adhesive spray, spray a light coating on the seat foam and then place the heater in the desired position. Ensure that there are no folds and the heater is flat and smooth.
5. Spray the remaining area around the heater and carefully adhere the heater material making sure it lays flat and smooth. Wait until the glue sets and then trim the excess material.
6. Recheck the heater for any folds or overlaps.
7. Run the wiring to the seat bottom and then re-attach the seat cover.
8. Locate the switch location and create a  $\frac{3}{4}$ " hole and install the switch and connect to the harness as shown.
9. Connect the harness to vehicle accessory 12 volt power, attach fuse holder and fuse and then check for operation.



1 Place and verify heater location



2 Remove Staples and remove cover



3 Lay heater on foam and apply glue



4 Trim access material and re-cover

**Switch Connection**

Connect the switch harness wires to the on/off switch:

- Red wire-** Outside connector (silver)
- Yellow wire-** Middle connector (silver)
- Black wire-** Outside connector (brass)

**Switch Operation**

Red light – heater on

