

Seat Comfort Systems 6 Motor Massage System

THE UNIVERSAL MESSAGE SYSTEM has been designed to be installed in a minimal amount of time with readily available tools. The unique design allows installation into 90% of existing seat designs. The Massage System has a dual LED switch which designates Manual and Automatic settings.

Before You Start:

Check and determine that the massage motors will fit under the seat trim covers in the desired areas. Seat Massage Motors should never be installed into foam where an occupant detection sensor is present on the surface of the foam cushion.

WARNING: The installation instructions have been carefully compiled through actual vehicle installations and to the best of our ability is accurate. However, we do not warrant the accuracy of this information against changes in vehicle design, the use or misuse of this information or typographical errors. It is the responsibility of the installer to verify the proper wire attachments prior to and after the installation of the Seat Massage System to assure proper operation. We do not accept any responsibility for damage to the vehicle or injury to its occupants caused by the use of this information. Improper installation and/or connection to the incorrect wires could cause Seat Heater System or vehicle malfunction, component damage and/or personal injury for you and/or your passengers.

GENERAL ADVICE:

- The Seat Massager is to be installed under the seat cover. Always check the motor 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 motors to be installed.
- Check for Occupant Detection System in the seat prior to installing, the massager cannot be installed over or under an Occupant Detection System.
- 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 and may cause physical damage to equipment or people.
- The massage system has to be connected to fused 12 volt accessory power. It is necessary that the system is capable of driving up to 5 Amps continuous current.
- The wire harness has to be fitted to the seat in a way that the full range of movement of the seat is possible.
- Cars fitted with side airbags have to be treated according to the manufacturers fitting manuals. The massage system is only to be attached to the middle of the seat back foam. The connections of the side airbag(s) have to be handled thoroughly and should never be connected to any kind of power supply during the fitting process.

36 MONTH/36,000 MILE LIMITED WARRANTY

Seat Comfort Systems warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven to have defective material or workmanship within 36 months or 36,000 miles of the original purchase, such defect(s) will be repaired or replaced without charge for the parts. This warranty does not apply to batteries or normal wear and tear associated with the Product.

- To obtain repair or replacement with the terms of this Warranty, the product is to be returned with a dated bill of sale, description of defect to the installing dealer and/or retailer.
- This Warranty does not cover costs incurred for the removal or reinstallation of the product, and/or related components, and/or damage to the vehicle's electrical system or components.
- This Warranty does not apply to any product or part thereof which in the opinion of the Company has been damaged through alteration, improper installation, misuse, neglect, accident, or customer abuse.
- No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THE PRODUCT.

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- Seat massagers should never be installed into foam where an occupant detection sensor is present on the surface of the foam cushion.
- The installer is liable for any damage due to improper fitting or not following these instructions.
- Seat massage motors are to be installed on the seat foam only.
- Installation has to be performed by qualified personal only. Improper installation will void the warranty and may cause physical damage to equipment or people.

Dismantling the seat

Disconnect and isolate the battery negative (ground) cable and wait five minutes for the system to discharge.

Dismantle the seat that will be fitted with the heating pads. In most cases stripping the seat cover is easier with the seat out of the car.

Remove all seat covers in the area you are planning to fit the massage system and wire harness.

Removing The Seat Cover

Separate cushion and back from each other by removing the covers and unscrewing the connecting screws. It is advised to put the seat on a dedicated worktable for the following steps.

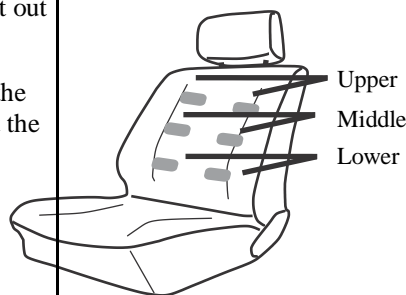
Remove the cover of both seat and back. To do so remove and dispose all upholstery clips. Unhook all other connections using a suitable screwdriver.

Make sure that there are no loose metal parts left on the foam like hog rings.

Massage Motor Placement

Lay the massage motors on the seat and determine the placement of the motors. Suggested placement are locations that will be under the muscle structure of the user. Avoid the shoulder blade area and the belt line area. Placement locations are “lower back” (above or below belt line), middle back and upper back (below/between shoulder blades).

Using a marker, trace out the motor outline, making sure the motors locations are symmetrical.



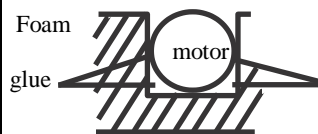
Cutting Foam Pockets

Using a blade or knife, cut the pocket for the massage motor. Cut on the inside of the marked line, 1” deep. Grab the foam at the top cut and gently pull back while cutting the foam at the 1” deep base. Try to cut evenly so the pocket is flat..



Motor Installation

Cut a slit on the top of the pocket and then slide the massage motor in from the back of the foam back. Make sure the motor wire colors are the same. Using spray glue, spray into the foam cavity and then place the motor in the cavity. Gently pull the wire from the back of the seat back and secure the motor into the cavity.



Wire harness and switch

While running the wire harness you have to pay attention, that the wire cannot be cut, crimped or damaged in any other way. The wire harness is to be attached to the seat frame securely.

Plug the open connector of the motor harness to the controller and attach the controller to the seat frame.

Run the switch wire harness to the center console or side seat shield. Drill a 25mm hole in the panel, Pull the connecting wire through and then plug in the switch and push the switch into the panel (please push on the outer bezel of the switch).

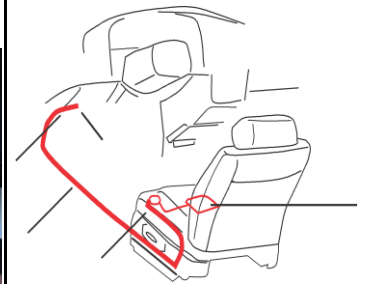
Electrical connection and function test

- Black to Ground
- Red to accessory power
- White to accessory power

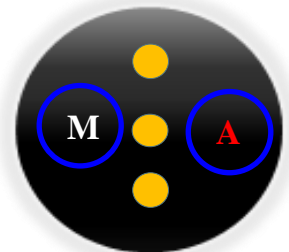
*Connect to a switched source capable of driving 5 Amps continuous current.

Power Connection

- Connect the red wire to fused 12 volt power.
- Connect the black wire to ground.
- Connect the white wire to accessory power. If you are not using accessory power, join the white and red wire together. (The white wire is a signal wire input).
- Route the wire harness from the seat along the door sill plate to the fuse box as shown below.



Massage Operation



M – Manual Mode

- Press once for low intensity
- Press again for increased intensity
- Press third time for maximum intensity
- Press to turn off.

A – Automatic Mode

There are 8 rhythm modes that are cycled.

- Press once for low intensity
- Press again for increased intensity
- Press third time for maximum intensity
- Press to turn off.