



MASSAGE KIT INSTALLATION MANUAL

Installation Instructions for Leather and Cloth Seating

- Read carefully Before Starting Installation -

Limited Warranty

This Product is warranted to be free from defects in manufacturing and workmanship and is guaranteed to work for three years or 36,000 miles, or whichever occurs first. This Limited Warranty covers the repair or replacement of the components and massage motors only and does not cover any costs related to or damage resulting from the installation of the kit and motors. Motors must only be used in the seat applications for which they were designed, tested and approved by Check Corporation, and failure to properly install the designated product, or improper installation or misuse of any component, will void this Limited Warranty. Installer shall indemnify and hold Check Corporation harmless from any and all installations contrary to automobile OEM, automobile dealership, and Check Corporation issued instructions.

MANUFACTURER'S LIMITED REPAIR/REPLACEMENT WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR DUTIES OR WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OF TRADE OR COMMON LAW. IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR PROXIMATE, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF PROFITS OR PRODUCTION OR INJURY TO PERSON OR PROPERTY. THE CONSUMER OF THIS PRODUCT SHOULD CONTACT ITS INSTALLATION DEALER FOR ANY WARRANTY CLAIM AND RETURN WARRANTY CARD TO VALIDATE WARRANTY.

- Before You Start -

REVIEW ALL INSTALLATION INSTRUCTIONS AND PRODUCT WARNINGS BEFORE INSTALLATION!

- Specification -

- 12V automotive system (11 – 15 volts)
- Maximum power requirements
7W (.5A @ 13.8V)
- Connectors are indexed to prevent improper mating

- The skills You Need -

Automotive electrical experience or a basic understanding of electrical systems and the ability to disassemble and reassemble automotive seating is recommended.

Recommended tools:

Multi-meter, terminal crimpers, wire strippers, screw driver, wrenches, electrical tape, marker or pencil, drill, wire cutters, torque, socket and allen wrenches, hog ring pliers, and utility knife, needle nose pliers, ratchet, deep socket, and rotary tool with an 1/8" bit.

- Parts list -

	DESCRIPTION	QUANTITY
1	FOAM WITH ADHESIVE	1
2	ELECTRONIC CONTROLLER	1
3	SWITCH HARNESS	1
4	SWITCH	1
5	POWER HARNESS (TO FUSE)	1
6	MESSAGE MOTOR ASSEMBLY-2 MOTORS	2
7	MOTOR EXTENSION HARNESS	1
8	HARDWARE PACKAGE	1
9	SUPER GLUE	1
10	MOTOR POSITION TEMPLATE	1
11	OWNERS MANUAL	1
12	SERVICE MANUAL	1

– ! WARNING ! –

PLEASE READ BEFORE INSTALLING MOTOR ASSEMBLIES!

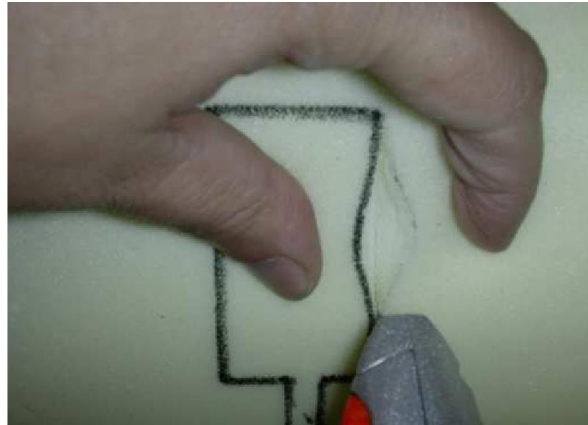
- The thickness of the back foam bun at the motor locations must be more than 1 ½ “. This foam thickness will ensure that the motors do not touch the seat frame suspension or lumbar of the seat back after installation.
- Massage motors are specifically designed for use in the back foam bun. Never install motors in cushion bun.
- Never remove the cover of a bonded seat. The cover of a bonded seat cannot be installed again once it has been removed.

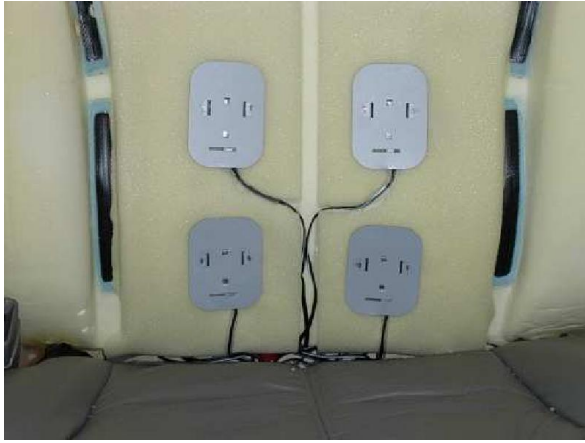
IF ABOVE CONDITIONS CANNOT BE MET, DO NOT ATTEMPT INSTALLATION.

IN THE EVENT THAT THESE WARNINGS ARE DISREGARDED, THE WARRANTY BECOMES NULL AND VOID. MISUSE OF THIS PRODUCT MAY CAUSE SERIOUS INJURY TO PERSON OR PROPERTY.

- Installation -

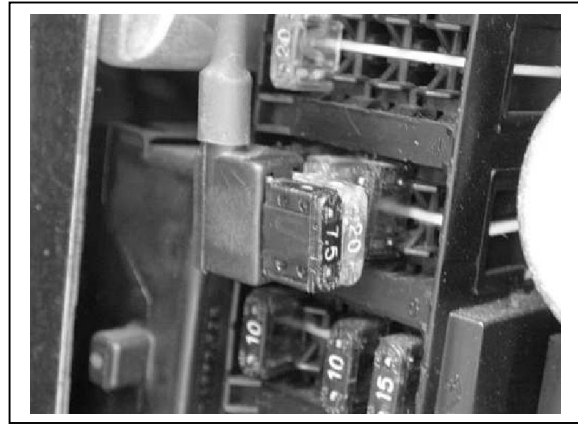
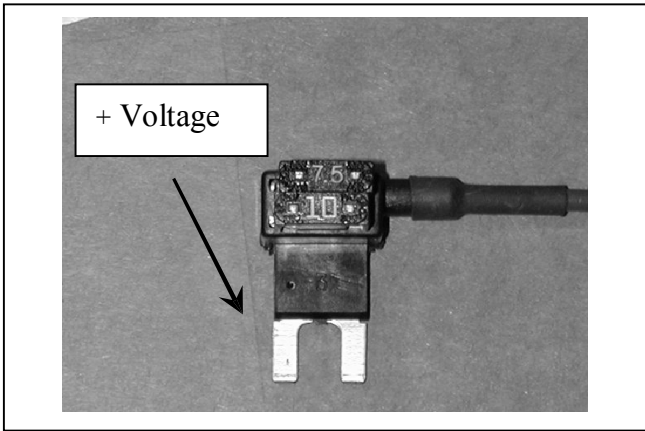
1. Pre-wire all components on your workbench and test with a multi-meter for continuity. Do NOT use a battery charger as a power source. Use a 12V DC power source. If there are any problems, see the trouble shooting page.
2. Locate the desired IGNITION SWITCHED fuse outlet and connect using the supplied fuse accessory and wire ends. Only one seat per fuse outlet. Each seat required its own 7.5 A inline fuse (supplied with kit). **SEE Add-A-Fuse Installation**
3. Disconnect and isolate the negative (ground) battery cable, pump the brakes a few times, and wait five minutes for the system to discharge. It is important to do this before disconnecting any airbag connectors.
4. Remove seat(s) from vehicle. Care should be taken, as the sharp edges of the seat frame will scratch the interior trim. Use duct tape or padding to cove sharp areas before removing seat.
5. Remove the seat covers and verify that the motors fit. **BACK FOAM THICKNESS MUST BE AT LEAST 1 ½" AT MOTOR LOCATIONS FOR PROPER INSTALLATION.**
6. Install the ground wire ring terminal, from the power harness, to the fuse box ground screw. Clean the terminals and grounding point of paint, grease, and dirt to ensure a good electrical connection. **NEVER DRILL THROUGH THE FLOOR.**
7. By using the template provided, locate and trace motor locations onto back foam bun. Using a standard carpenter's blade, cut and remove foam for motor placement. The required depth for the motors is 1 1/8".





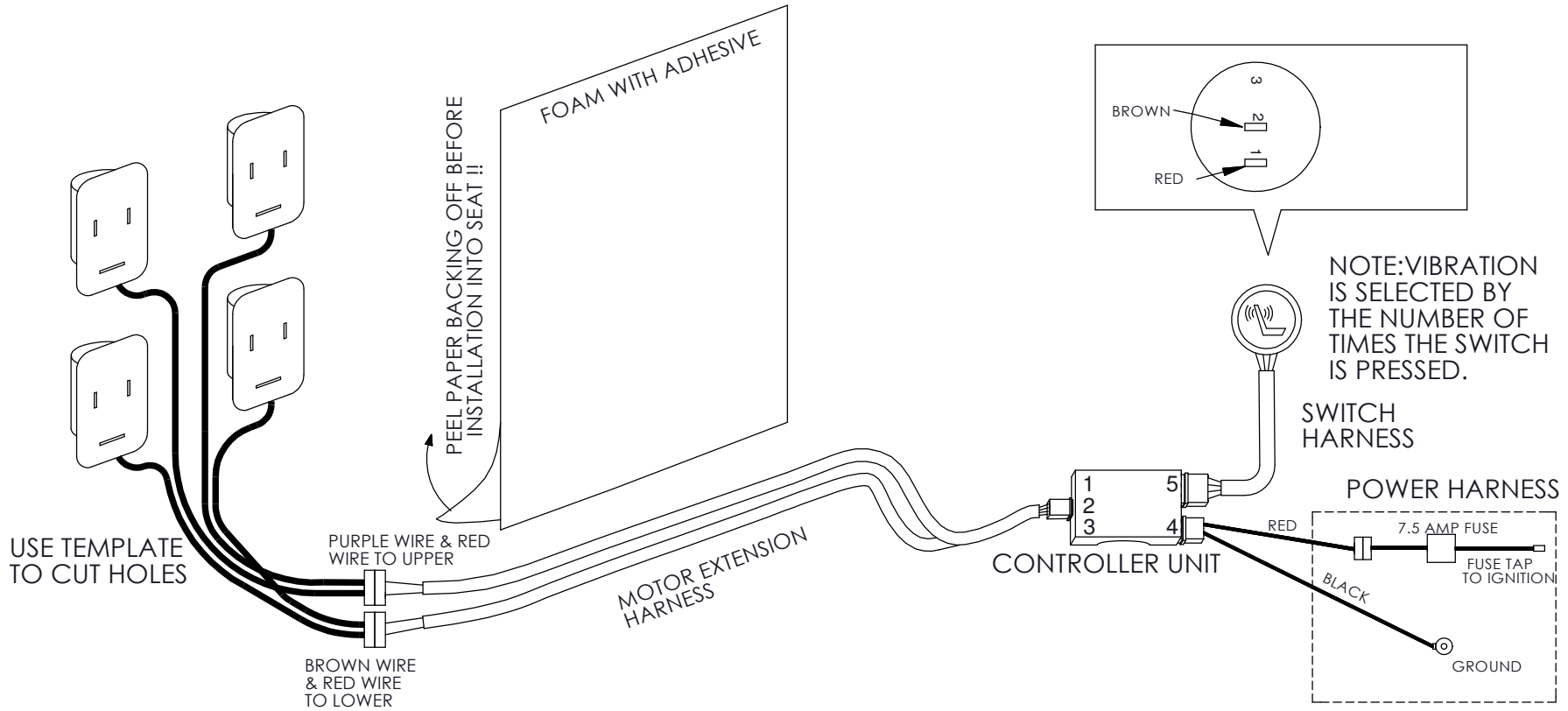
8. There are two sets of motors, one for the upper back and one for the lower back. Mark the motors before placing them into the seat to ensure that one set is installed into the upper back and another set is installed into the lowers back. The upper motors connect to the purple / red wires on the extension harness. The lower motors connect to the brown / red wires on the extension harness.
9. Using the “Super Glue”, apply a light layer of adhesive on the flat plate of the domed side of the motor (see picture), ensure entire flat plate is covered. Place the motor into the depression and apply modest pressure for two minutes while the glue bonds. **BE SURE TO GLUE AND PLACE ONE MOTOR AT A TIME AS THE ADHESIVE IS QUICK DRYING.** After installing the motors, cut a ¼” deep channel down the foam to cradle the motor wires.
10. Remove the adhesive release paper from the sheet “Foam with Adhesive”. Adhere the foam over the motors making sure that no part is left exposed.
11. Re- install seat trim cover.
12. Install the seat into the vehicle. Reconnect the airbag connectors and then the ground of the battery. Connect the extension harness to the controller as shown in the wiring diagram.
13. Mate all remaining connectors (as shown in the wiring diagram). Ensure the upper set of motors connects to the purple / red wires and the lower set of motors connects to the brown / red wires from the motor extension harness. **SECURE THE WIRES WITH THE TIES PROVIDED. CHECK THAT THE RECLINING OF THE SEATS, OR THE MOVEMENT OF THE SEAT FRAME DOES NOT PULL, FRAY, OR CUT THE WIRES.**
14. **TEST THE SEAT FUNCTIONS; RECLINE, FORWARD, REVERSE, UP, DOWN, ETC. MAKING SURE THAT NO STRAIN IS PLACED ON ANY OF THE SYSTEM’S WIRES.** Make sure all of the anchor bolts are tight to the manufactures specification.
15. **OPERATION OF THE SYSTEM.** Cycle through the four motor settings to verify that the system is functioning properly. Push the non-latching switch upwards once for lower back low-intensity massage, twice for a more high-intensity massage in the lower back, a third time for your upper back and lower back low-intensity massage, a fourth time for both upper and lower back at high-intensity massage and a fifth time to shut the massage function off.

- Add-A-Fuse Installation -



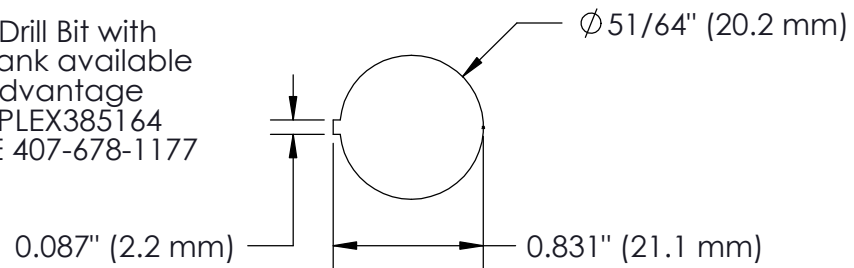
Above: Add-A-Fuse Accessory. Prong indicated must go to the +12V "hot" side of the fuse receptacle.

MESSAGE ONLY SEAT KIT WIRING DIAGRAM



51/64" Drill Bit with
3/8" shank available
from Advantage
ADVPLEX385164
PHONE 407-678-1177

SWITCH OPENING



- Troubleshooting of the Electrical system -

If the system does function, check the following:

Check the add-a-fuse added during the installation.

Ensure that all connections are properly mated and that the 12V DC and ground wires are properly installed. (See wiring diagram)

If the switch, and motor harness test OK, then a power problem exists, check the following:

Using a multi-meter or a test light, start at the fuse adapter or fuse tap and trace back through all of the connectors and the switch to determine where the power loss is occurring. Repair as necessary.

IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALLATION OF CHECK CORPORATION PRODUCTS, PLEASE CALL OUR HOTLINE AT 1-800-927-6787, 8AM TO 5PM EASTERN TIME.