

## Illuminated Emblem Installation

### Removing Your Emblems

#### Front Emblem:

- 1) Remove plastic radiator trim from the engine bay by pressing down on the three button snaps and lifting trim out of the way.
- 2) Reach into bumper area and remove the two phillips screws attaching the black emblem mounting plate. A stubby screw driver is helpful for this as it is a tight space to work in.
- 3) Carefully unclip the back plastic mounting plate from the bumper while pushing out from the inside. The emblem and mounting plate should pop out in one piece.

#### Rear Emblem:

- 1) The inside panel must be removed first, this is done by starting with the hatch open, and working your fingers under the bottom area where it contacts the painted hatch. Once your fingers are inside, pull the panel off, while working around the edges. If the plastic clips pop out of the plastic and remain in the door, you must remove them from the metal hatch and reinstall on the panel before reinstalling the cover.
- 2) Next are four bolts that hold on the outside trim, I believe they are 10 mm. You may need to use needle nose pliers on the two by the access button unless you have a deep socket.
- 3) Once all four bolts are removed, unplug the button, and the plate light harness's. Place a bunched up towel over the latch on the floor, and close the hatch nearly all the way. The towel will keep you from accidentally locking yourself out, remember the button is unplugged...
- 4) While the panel is in place, note how the rubber weather seal is positioned along the top of the trim panel. It attached to the rear window seal, and is overlapping the panel. This will be important to replicate when reinstalling the trim later.
- 5) Grasp the rear plastic trim (the whole piece that runs horizontally above the plate, and houses the emblem) on the right side where it meets the metal body. CAREFULLY pry this away from the hatch JUST until you hear the plastic clips pop out. It will take some force to remove, but as long as you stop when it unclips, nothing should break.
- 6) Now work your way from right to left, grasping the trim on the bottom, and popping off each clip as you come to it. You can open the hatch to reference where they are, its best to pry from as close as possible to avoid any chance of breaking the trim panel.
- 7) Once all the clips are removed, it should come right off. The emblem can now be unclipped and removed.

### Shipping (If sending me your emblems for EL installation)

Wrap each emblem in bubble wrap or newspaper and box them up for shipping. A small flat rate priority box from the post office is just over \$5 shipped, both emblems should fit inside. Please address and ship the box to:

James Radder  
47 Colorado St Apt. 4  
Keene Nh 03431

### Installation

#### Front Emblem:

- 1) Feed the wiring harness through the emblem hole, across to the right, and up over the metal radiator support, and snake it towards the drivers side headlamp.
- 1) Clip wire tap onto the brown wire that leads to the yellow drivers side parking lamp. This is the bulb that lights the yellow side marker that lights when the parking lamps are on. Note- it also lights when the headlights are on.
- 2) Secure the harness with zip ties to the other harness that runs through the bumper.
- 3) Secure the ground wire under the 10mm bolt found to the right of the access hole to the emblem, on top of the radiator support. Any grounded bolt will work however.
- 4) Snap the emblem back into place, and be sure the wiring is secured enough so that it doesn't hang down or contact the radiator.
- 5) Reinstall the two screws that you removed when the emblems were taken out.
- 6) Turn on the parking lamps to test operation. Note- a slight high pitch hum is 100% normal. That is the AC inverter that powers the EL wire inside the emblem.
- 7) Reinstall the plastic cover outlined in the first section.

#### Rear Emblem:

- 1) After disassembling as described in the first section, pop the emblem into the rear trim panel.
- 2) From the inside of the hatch, pop one license plate light housing (clear dome) out to the outside slightly, to pass the wire from inverter through.
- 3) Pass black wires with white plug through the plate light housing, being sure you'll have enough slack to reach the emblem.
- 4) Snap the plate light housing back into place (be sure wire exits the bottom to protect against water leakage. Apply sealant if desired.
- 5) Press the emblem into the outer trim panel, being careful to pass the black wires through the hole. It is a snug fit, insert with care.
- 6) Reinstall outer trim panel as described in first section. Be sure to get the black rubber strip outside of the panel on top. A credit card or small screw driver is helpful.
- 7) Clip wire taps on to wires leading to on of the plate lights (you may have to strip from plastic insulation from wiring harness to get to the wires).

- 8) When attaching wire taps, be sure to clip red wire to positive, and black to negative.  
You can test this with a meter, or extra wire (Just ground the black wire from the blue inverter, and using a jumper test both plate lights to see which makes the emblem light Be sure parking lamps are on while testing.)
- 9) Secure blue inverter to the inside of the hatch with sticky tape.
- 10) Test the emblem and reinstall rear inside trim.