

Fixing the Ice Maker Water Tray

Materials Needed:

- Philips Screwdriver.
- Hot glue and hot glue gun.
- Roll of flat dental floss.

This fix is for the Emerson IM90W Emerson Portable Ice Maker.

The water tray for the Emerson Ice maker has a bad tendency to crack at the hub that connects to the motor assembly. Since Emerson does not make a replacement tray available, this procedure may be used to repair the tray if it isn't too badly damaged.

To get to the tray, disassemble the ice maker as follows.

Unplug and drain the icemaker.

Remove the 6 screws on the bottom that hold the back cover on the ice maker, and remove the back cover.

Remove the 4 screws from the bottom of the lid, and remove the lid.

Remove the 2 screws that hold the motor assembly on the side of the ice maker for the tray.

Remove the screw that holds the paddle on the opposite side of the tray, and remove the paddle that activates the tray position switches.

You will notice that there are four screws that hold the plastic piece over the tray. Remove these four screws from the top, and very gently slide this piece up, to make room slide the tray out.

Remove the 2 screw that secure the coolant pipe from the other side of the assembly.

Very Gently slide the top piece up, and work the water tray out of the ice maker. (be careful not to bend the coolant pipe.)

When the tray is removed, You will probably see that there is a crack on the side of the tray with the motor. The crack will most likely go right through the hub that connects the tray to the motor. This is the problem. To fix this, wrap some flat dental tightly around the outside of this hub to hold it back together. The flat dental floss is strong enough to hold, without adding too much bulk.

Tie off the floss, and secure it with a dab of hot glue on the flat side of the hub. Only place a dab on this point on the flat side. Don't overdo it.

You may need to add some hot glue to the inside of the water tray, to seal the crack so the water tray doesn't leak. The hot glue is only to seal the crack against leaks, it will not be able to hold the tray together on its own. That is why we are using the dental floss.

Very gently, slide the tray back into position, and slide the motor back onto the shaft. Also, put the tab back onto the other side of the tray. Make sure the motor and the tab are aligned correctly, They are keyed, and should only go back in one position.

Slice the top piece back down, and re-secure to the top with the four screws that you previously removed. Check at the back, to see if the water fill hose came loose during the repair. You may need to push it back on to its plastic connector.

Reassemble the rest of the ice maker in the reverse order of the above procedure.

Refill the ice maker, plug it in, and it should start making ice again.

Good luck.

Remember, This guide is a suggestion only, and I assume not responsibility or liability for your repair. You take on this repair task at your own risk.