

Installation Instructions for RIM501 Replacement Automatic Icemaker



Disconnect power before servicing equipment.

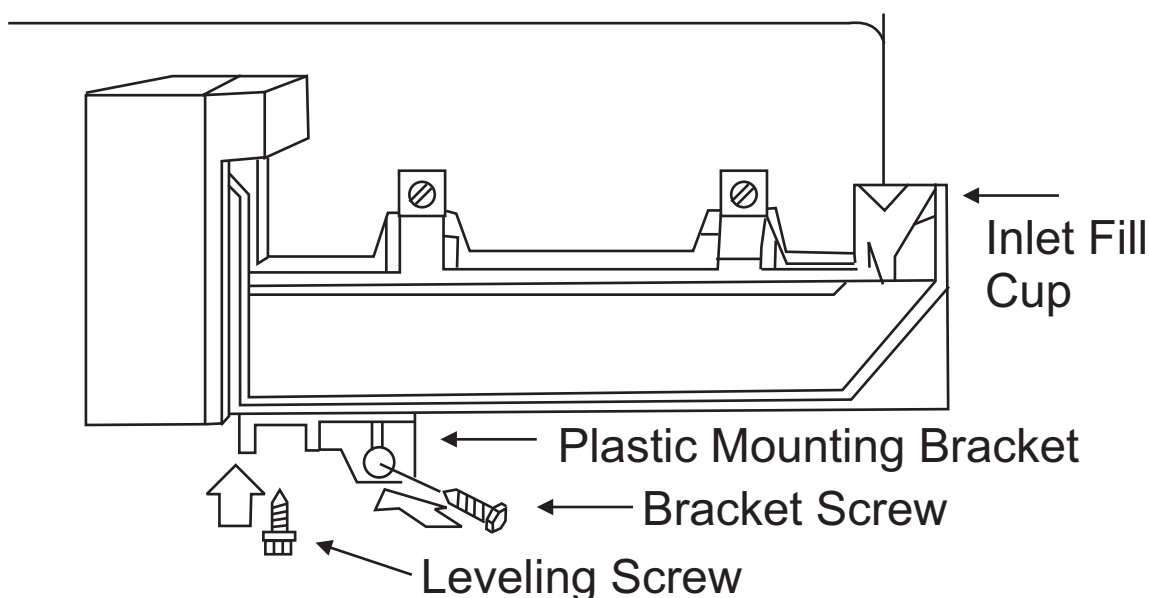
For Best Service

- Make sure freezer is set to 3°F or colder. Allow icemaker to cool down to 3°F. The icemaker will not add water or cycle until it is 3°F.
- Water pressure must be between 15 psi to 125 psi.
- Make sure to level the icemaker to get even size cubes.
- Throw away the first 2 or 3 trays of ice. This ensure that any stagnant water from

If you are not replacing an existing icemaker, you need a different installation kit. See dealer for the correct kit.

Instructions

1. Remove defective icemaker from the freezer. Unplug harness. Check harness supplied with new kit to make sure you have the correct harness.
2. This icemaker has a universal fill cup. Compare the new ice maker with the old one to see which pre-scored cutout you will need to remove.
3. Using a sharp knife, remove the pre-scored cutout that matches the old icemaker.
4. Plug in harness to icemaker head. Plug the other end of the cable into refrigerator plug.
5. Mount the new icemaker in the same mounts as the old one.
6. Make sure to level the icemaker for even size cubes.
7. Restore power and turn on water.



Diagnosing and Checking Procedures for the Modular Icemaker

Complaint	Probable Cause	Corrective Action
No Ice	1. Freezer not cold enough. Ice maker will not make ice or even add water unless freezer is 3° or colder.	1. Allow several hours for freezer to cool down to 3° F. If freezer does not cool down to 3° F, adjust thermostat to colder temperature or repair freezer.
	2. Arm is in up [OFF] position.	2. Depending on model; Free arm and/or lower arm. Replace ice bin.
	3. No power to the ice maker	3.1 Loose wire in the connectors, replace wiring harness.
		3.2 Thermal fuse bad in harness. Replace wiring harness
	4. No water in ice maker.	4.1 Make sure freezer is cold enough, water will not flow into icemaker if freezer & icemaker are not 3° F or colder.
		4.2 Water supply is off, turn on water supply.
		4.3 Check water supply saddle valve, replace if reduced flow.
		4.4 Check water valve on the freezer, replace if needed.
		4.5 Replace modular head
	5. Ice maker fails to complete a cycle.	5.1 Check mold heater if bad replace icemaker
5.2 Replace modular head		
Low Ice	1. Freezer not cold enough.	1) Allow several hours for freezer to cool down to 3° F. If freezer does not cool down to 3° F, adjust thermostat to colder temp. or repair freezer.
	2. Arm operation intermittent	2.1 Arm is not installed properly, align arm and click into place.
		2.2 Arm is blocked by something [ice build up or other item in freezer. Free arm and turn icemaker on [Arm down]
	3. Water supply problem.	3.1 Check water valve for adequate pressure [20 PSI or better]. Also check flow rate [130cc to 150cc in 8 seconds.
		3.2 Check water supply saddle valve, replace if reduced flow.
		3.3 Water not staying on for 8 seconds, incomplete fill. It is very unusual to need to adjust the water fill. It typically only needs to be adjusted if there was a new water valve installed with a non-standard flow rate. To adjust turn screw clock-wise up to one turn to decrease water amount. [1/2 turn equals 20cc or 1.2 seconds] Counter-clockwise to add water. DO Not adjust the water flow more than one turn this will damage the main module. Changing this setting will not make water flow into the ice maker see no ice procedure if no water flows.
		4.1 Harvest thermostat is short cycling replace ice maker.
Too Much Ice	1. Arm stuck in down position or not moving	1.1 Arm is not installed properly, align arm and click into place.
		1.2 Arm is blocked by something [ice build up or other item in freezer. Free arm and turn ice maker on [Arm down]
	2. Broken shut off activator [in modular head]	2.1 Replace ice maker or module
	3. Too much water	3.1 Check water valve, if fill tube freezes up or continues to drip replace water valve. If water flows too long check to see if valve is shutting off.
		3.2 Water is staying on for more than 8 seconds and overflowing. It is very unusual to need to adjust the water fill. It typically only needs to be adjusted if there was a new water valve installed with a non-standard flow rate. To adjust turn screw clock-wise up to one turn to decrease water amount. [1/2 turn equals 20cc or 1.2 seconds] Counter-clockwise to add water. DO Not adjust the water flow more than one turn this will damage the main module. Changing this setting will not make water flow into the ice maker, see no ice procedure if no water flows.
	4. Ice maker fails to stop at the end of cycle or stop[s] mid cycle	4. Check modular head and replace if needed.

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