

Water Tank / Water Plate Replacement Instructions

DOCUMENT #307 1027 01

FOR ALL GB'S & GT'S

CAUTION:

- ◆ RISK OF PERSONAL INJURY, PROPERTY DAMAGE, EQUIPMENT FAILURE OR FIRE.
- ◆ Refer all maintenance to qualified personnel.
- ◆ Disconnect power before servicing equipment.
- ◆ Read all instructions and understand your particular model requirements before proceeding.

WATER TANK REPLACEMENT:

1. MAKE SURE PLATE IS IN THE UP POSITION (CLOSED)
2. TURN OFF WATER AND POWER
3. REMOVE WATER PUMP
4. LOOSEN BOTH FRONT & REAR SPRING BOSS'S ($\frac{1}{4}$ 20 BOLTS) WHEN INSTALLING, DO NOT OVER TIGHTEN SPRING BOSS'S.
5. ROTATE ICE DEFLECTOR COUNTER CLOCKWISE (CCW) TO THE RIGHT
6. REMOVE 1 FRONT SCREW, 2 SCREWS ON THE LEFT SIDE
7. DROP TANK $\frac{1}{8}$ " THEN PUSH TOWARDS THE BACK TO SLIDE OFF SCREW IN THE BACK. (THIS SCREW IS MOUNTED FROM INSIDE OUT AND THE TAB ON THE WATER TANK SLIDES OVER THIS.) NEVER TRY TO REMOVE THIS SCREW!!
8. REVERSE TO INSTALL

WATER PLATE REPLACEMENT:

1. MAKE SURE THE PLATE IS IN THE OPEN POSITION (FRONT CAM ARM IN THE 7 O'CLOCK POSITION).
2. TURN OFF WATER & POWER
3. DISCONNECT SPRINGS & WATER PUMP FROM THE WATER PLATE.
4. REMOVE FLOAT ASSEMBLY CAP AND PROBES (LAY TO THE SIDE OUT OF THE WAY).
5. DISCONNECT WATER PLATE HINGES HOLDING THE LEFT SIDE OF PLATE UP, BY PUSHING DOWN ON THE BOTTOM OF THE HINGES.
6. PLATE & TANK WILL NOW SLIDE OUT OF THE FRONT OF THE UNIT
7. REMOVE THE SPRING BOSS, WATER PLATE BRACE, WATER DEFLECTOR, MAGNETIC PLATE SWITCH, PRESSURE PADS AND THE THREE SCREWS ATTACHING TANK TO PLATE (THE BACK SCREW IS INSTALLED FROM THE INSIDE AND HAS AN EXTRA PLUG COVERING IT).
8. REVERSE ABOVE STEPS TO REINSTALL

Water Plate Replacement Instructions continued

To re-install the water plate and tank assembly:

1. With the open end of the water plate to the right, slide it back into the Cuber and to the left of its normal position.
Electro-mechanical cubers: Install the lift rod and collar assembly and cotter pin with the small end of the crook to the right of the pump toggle switch.
2. Hook up the main springs to the water plate, rear spring first.
3. a) *Plastic Hinge Brackets:* Hook on and snap in place.
 b) *GB Metal Hinge Brackets (prior to 1977):* Run the top screws through the hinges, put on the lock washers and nuts, not tight. Run the bottom screws and lock washers through the hinges into the plate, then tighten the nuts and screws. It may be easier to tighten the rear screws if the cams are run up to the 12:00 position.
4. Secure the pump mounting screw holding the water plate brace. On Classic cubers, mount the pump. Install the inlet and outlet hoses to the pump. When installing the tank to pump hose, it is usually easier to put the hose on the tank first with one finger inside the hose, then slip it onto the pump connection, taking care to avoid any twist or kink in the hose. The hoses will slide on easier if wet and/or warm.
5. **Electronic cubers:** Remove the water level probe assembly and reposition the control stream drain tube. Position and secure the control module box to mounting bracket. Check adjustment of plastic lift bolt. Reconnect harvest switch, if present.
Electro-mechanical cubers: Reconnect control stream drain tube and water control tank.
Classic cubers: Remount water level probe assembly and reposition control stream drain tube.
6. Water plate must be aligned with the evaporator per drawing illustration (See below).

