

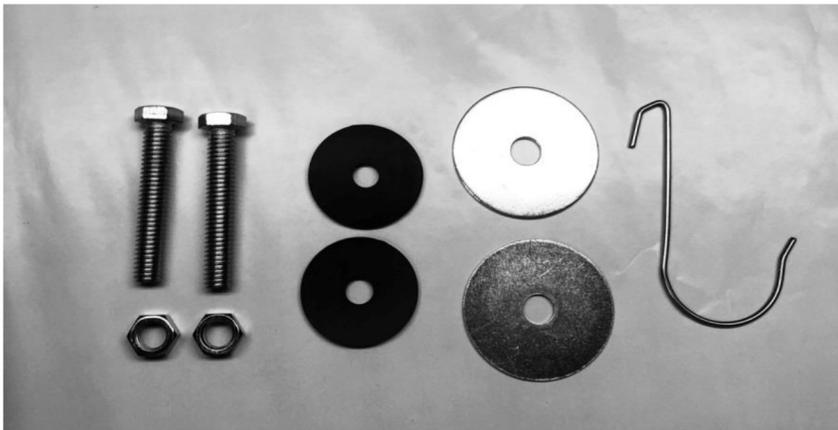


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3715 Highway 71 | Coushatta, LA 71019

# RICE BRAN FEEDER INSTRUCTIONS ITEM# 73000

## Hardware



### LEFT TO RIGHT:

2- 3/8" BOLT AND NUT

2- RUBBER WASHERS

2- FENDER WASHERS

1- LID HOOK (See use below)

**REFILLING:** It is not necessary to unplug the white power wire plug when refilling. Using the supplied hook, place the large portion of the hook through one of the two vent holes on the side of the barrel lid. Hang the small end of the hook on the rim of the barrel. This will hold the lid out of the way while refilling the unit. The hook can also be stowed on the side of the hopper, hung between the hanger bracket and barrel. See below images:



Large end of hook through lid



Hook stowed on side of barrel



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**STEP 1:** Gently remove the hopper lid. Squeeze both sides of the white power plug and disconnect it. Set the hopper lid aside.

**STEP 2:** Attach the hanger bracket. To attach the hanger bracket, take one of the 3/8" bolts, slide through the hanger bracket, then slide on one of the included rubber washers. (See position in Fig. 1) Next insert the bolt through the hold on the side of the barrel. Place the fender washer then nut onto the bolt that is now extending into the inside of the barrel. (See Fig. 2) Repeat on opposite side. Slowly tighten until the hanger bracket will remain vertical without assisting/holding it vertical but can still be pivoted over for refilling the unit.

**Fig. 1:**



**Fig. 2:**



**STEP 3:** Install battery. \*NOTE. DO NOT USE HEAVY DUTY BATTERY. USE HIGH QUALITY ALKALINE 6V LANTERN STYLE BATTERY SUCH AS ENERGIZER #529.\* Remove the long bolt on the battery holder. Slide battery into position using a tilting motion. The negative battery spring will be inside the oval cut out. The positive terminal will be outside of the oval cut out near the digital timer. Once battery is in position reinstall the long battery holder screw. Connect the digital timer to the battery using the alligator clips. DO NOT CONNECT POWER CLIPS BACKWARDS. Connect the red alligator clip to the positive (+) battery spring. Connect the black alligator clip to the negative (-) battery spring. Again- Do not connect the power clips backwards.



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## STEP 4: Setting the digital timer (CONTINUED).

**STEP 7:** Your display should look like FIGURE 6. At this point refer to STEP 4 and repeat as you did when setting your first feeding. The only difference will be the number 2 in the lower left hand side of the display which is indicating that this is concerning your second feed time. At this stage of programming your unit, if you do not want to use the second feed time, set the run time to 00. The display will automatically show "OFF". This will end the second feeding. Even though the second feed time was set, the run time being set to 00 will end your programming session. The screen will look like FIGURE 7.

FIGURE 7



**STEP 8:** If you choose to continue, set run time from 1 to 30 seconds, and while repeating STEPS 3 thru 5, take note to the small number in the lower left hand corner which will indicate which of the 6 possible feedings you are setting. After finishing this step press the SELECT/ENTER button, and the screen will appear like FIGURE 8.

FIGURE 8



**STEP 9:** Looking at figure 8 you see the word "Armed" which indicates that your unit is now in service. It will perform the commands that you have programmed. You can test your unit by pressing the test button. (This will set up a count down from 10-9-8---00 and at the 00 your unit will run for 5 seconds at a 100% motor speed.) Note that the 100% motor speed is regardless of any other speed you may have set. Once you confirm that the test has successfully run, your unit is ready for use.

**NOTE:** While working with your unit, if the buttons have not been pressed for two minutes, the screen will go blank.

This is a power saver feature. If the screen goes blank, you can press any key one time and restore the screen. However, if the screen is different from the one you were working with at the time it went blank, push the SELECT/ENTER button repeatedly until the screen you were working with appears. If you go past the screen – simply keep pressing the SELECT/ENTER button until your screen comes back around.

**NOTE:** The screen will indicate all characters for 1 second once the battery is installed. Then the screen will show 12:00PM. If no programming activity is initiated, the unit will automatically set itself at 12:00PM, Noon, for a 5 second run time.

**TESTING THE UNIT:** The test button can only be used while on the "ARMED" screen. Pressing the test button will sequence the screen to a countdown from 10 to 1. It will run when it reaches 0. The screen will return to "ARMED" automatically when the test is complete.

After setting the digital timer, reconnect the white power wire plug. The test feature on the digital timer should now function.

**NOTE:** Regardless of the number of seconds the unit is programmed to run, the test feature only runs for 5 seconds.

**STEP 5: Fill the Unit.** The On Time Rice Bran Feeder is designed to strictly run with rice bran only. Fill the unit with rice bran to 1 inch below the ring on the hopper where the lid is seated. You must leave room for the battery to extend into the hopper.

**DO NOT** pack the rice bran into the hopper. Simply pour rice bran directly in the hopper until the fill line is reached. This step is easiest with the unit flat on the ground, but use caution to not set on wet ground.

**REFILLING:** It is not necessary to unplug the white power wire plug when refilling. Using the supplied hook, place the large portion of the hook through one of the two vent holes on the side of the barrel lid. Hang the small end of the hook on the rim of the barrel. This will hold the lid out of the way while refilling the unit. The hook can also be stowed on the side of the hopper. See images on hardware page of instructions.

**FINAL NOTE: Do not operate the unit without rice bran inside to avoid excessive wear and tear on the mechanisms.**



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## STEP 4: Setting the digital timer.

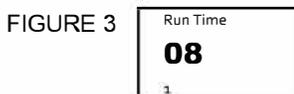
**STEP 1:** If the battery or batteries are already connected, unplug the battery pack for 15 seconds—then plug the battery pack back in. This clears out all of the memory in the unit.



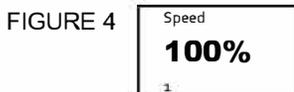
**STEP 2:** Use the up or down arrow keys to change the 12:00pm setting to the correct time of day. (Also make sure you are on the correct AM or PM.) There are no buttons to move the AM or PM. You will have to fully cycle the clock to get to the correct time setting. You can pulse the keys, or to rapidly advance the movement of the time, you can hold the key down and after a moment, the time will begin its rapid advancement. After the correct time of day is on the display, press the SELECT/ENTER button one time. The display should show FIGURE 2. Now proceed to STEP 3.



**STEP 3:** The 7:00am setting that now appears on the display has been factory installed. This is a very common time that is used often, but if the 7:00am setting is not desired, you can pulse or hold the up or down arrow buttons until the desired time is displayed. (Please note the small number 1 in the lower left hand side of the display. – This is the first feed time for the unit. A total of 6 are possible. – We will refer to this number as we move to the following steps.) After the desired feed time is displayed, press the SELECT/ENTER button one time. The display will show FIGURE 3.



**STEP 4:** The display should now show FIGURE 3. Note the number 1 in the lower left side of the display (It shows this is still concerning your number 1 feeding). The 08 setting is factory installed and is a very common setting. If this setting is not what you desire, press the up or down arrow key until the number of seconds of run time you want are correct. A possible of 1 to 30 seconds can be set. After the correct number of seconds are on the display, press the SELECT/ENTER button one time. The display should now show FIGURE 4.



**STEP 5:** Note the number 1 in the lower left side of the display. This is still concerning your number 1 feeding. Speed – refers to the speed of the motor. There are 3 possible speeds of the motor: 50%, 75%, and 100%. The 100% is used most often in the field and is therefore factory set to automatically show on the screen. If this speed is not desired simply use the up or down arrow buttons to set the speed you would like to use. After the correct speed is displayed, press the SELECT/ENTER button one time. The display should now show FIGURE 5.



**STEP 6:** At this point, your display should appear similar to FIGURE 5. The number 2 in the lower left hand bottom of the display indicates the second feed time. The 4:00pm is factory preset, and is another very common time to feed. If this is not the time you would like, press the up or down key to set the desired time for the second feeding. Once set press the SELECT/ENTER button one time.

