



Solar Feeders Portable Automatic Livestock Feeders

If your Solar Feeder is not working properly most likely it is a bad battery. If the battery is determined to be good then it may be a bad timer, bare/broken wires (rodent damage), and finally but rarely the motor itself.

Troubleshoot in the following order and replace bad components as needed.

All components are available direct from suppliers. Solar Feeders does not stock these components for resale or replacement.

1. Check battery (normal lifespan is 3 years) If it's bad then replace with a 12v 8ah w/F1 connectors such as this one - <https://www.amazon.com/UB1280I-Sealed-Lead-Acid-Batteries/dp/B0009GIKNE>

2. Check THE TIMER

Slide open the battery/fuse compartment located on the side of the timer and check/replace AA batteries and fuse (15 amp 125 v - ¼" x 1 ¼"). Then press RESET TIMER and TEST

If the timer is bad or questionable you can order a replacement at the following locations -

<https://westtexasfeedersupply.com/product/the-timer/>

https://www.amazon.com/Timer-Digital-Deer-Feeder/dp/B0046H28YY/ref=sr_1_5?dc

The Timer comes with wire connectors that connect to the motor and to the battery.

(NOTE) to change the "Test" seconds from the 5 second default press the "Set Clock" button and then quickly press the "Run Time" button to adjust the seconds from 1-20 and that will set the new "Test" seconds default. Setting higher "Test" seconds gives a more accurate measure of feed.

3. Check the Timer wiring connector for good contact and oxidation. Check wiring between battery and motor for bare/broken spots which may be causing an electrical short

4. Check motor

Remove sheet metal screws that hold the cover

Check/clean motor connectors for corrosion or electrical short

Examine motor for evidence of burn out

To remove motor:

Locate three (3) Allen head bolts holding the motor in place

Loosen those bolts then loosen the spinner and spin it off the shaft

Then remove Allen head bolts and the motor should drop out

If the motor is bad you can order a new one from the following website –

<https://www.surpluscenter.com/Brands/Stature-Electric/100-RPM-12-Volt-DC-Gearmotor-5-1649.axd>