

TROUBLESHOOTING: Trough Will Not Top-up

If the FIRE Feeder alarm is set, clear the alarm by pushing the button on the IFC.

Check to see if the FIRE feeder is weighing properly by looking in the CAL, Ctr, Rd menu.

If the trough is not weighing properly, check the following:

1. **Feed buildup or obstruction under or around the trough** – clear all debris from under and around trough including the space between the trough and the feeder front panel.
2. **Damaged load cell** – replace load cell.
3. **Binding of trough** – make any mechanical adjustments that are necessary to ensure that the feeder trough is freely suspended by the linkages with nothing else touching the trough or its linkage components.
4. **Calibration or trough empty weight is incorrect** – calibrate the trough.
5. **Feed or debris is bridging in the hopper or is obstructing the dispenser** – clean out the feed hopper and dispenser and remove any obstructions. If the feed bridges in the hopper and does not fall into the dispenser, changes may be required to the ration to improve free flow.
6. **Excessive vibration of feeder trough** – observe the steady light on the IFC without an animal present at the feeder. The steady light should stay on continuously when nothing is disturbing the trough. If an excessive amount of floor vibration, wind blowing directly into the trough, electrical interference, or voltage fluctuations cause a persistent unsteady condition, then the feeder does not dispense feed reliably. Relocate the feeder and eliminate the interfering condition.

If the FIRE feeder is weighing correctly but still won't top up, check the motor to ensure it is working properly.

1. **Test the motor** by using the It, St, 01 function on the station board. A code of 000 means normal operation. A code of 001 - 006 indicates a motor error. Refer to your FIRE System Manual for more information on motor errors.