

How to fix Err6

OP902

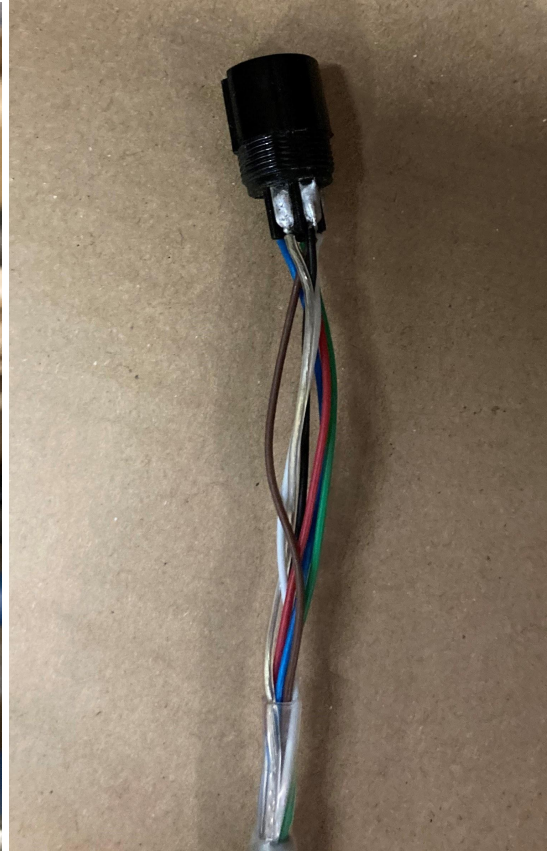
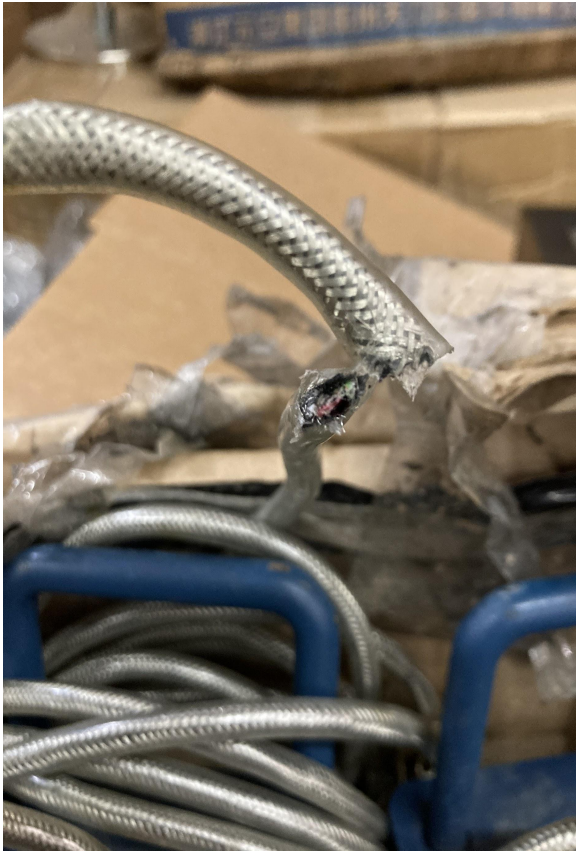


The first step would be to check the wiring.

Steps to check:

1. Check cables for any indentations, crimps, or cuts.

Examples Of Damaged Cables:



#1 reason for unstable weight is a damaged cable. If your cable is damaged, email [**sales@optimascale.com**](mailto:sales@optimascale.com) and attach a photo of the cable. You can also call our toll-free line at **800-360-9619 ext 1** to request a new cable.

2. Check your scale for any damages. Check for any physical damage such as a heavy object falling on the scale, water

damage, or lightning strikes if left outside. If there was damage to the scale contact [**support@optimascale.com**](mailto:support@optimascale.com) and explain to them your problem **with pictures**. Email is the preferred method of contact. If you can't email, call us at **800-360-9619 EXT 2**.

3. Make sure the cable is attached to the indicator. **Remove the printer or scoreboard if you attached it to the indicator.**

What you will need for calibration/adjustment:

-A known weight of at least 10% of the maximum weight of the scale. If you don't have 10% of the max weight on your scale try to get as close to the 10% as possible. I use a weight of 150 lbs for this example on a 1000 lb scale. This is over 10% of the scale max capacity. Know your weight within a couple of pounds of your actual weight. The heavier the weight the more accurate your scale would be. If you know your body weight that could also work.

Steps for Calibration/Adjustment:

Step 1 Entering into calibration settings:

While the OP-902 is turning on and counting down, press and hold the **HOLD** and **UNIT** button at the same time for 3 seconds to get into calibration mode. This is difficult for some people. If you try this and see oFF 10 or some other number on the right side you will need to turn off the OP-902 and try step 1 again.

Step 2 Setting preferred unit of measures:



If done correctly you will see CAL on the screen.

There will be a small lb or kg on the right side. If

you see kg (kilograms) and want lb (pounds) press the **UNIT** button. Lb and kg are your preferred weight measurements. For most of our customers leave at lb (pounds) and press the **HOLD** button.

Step 3 Setting correct weight:



You will see F5 5 or some other number after F5. Keep pressing the **UNIT** until F5 6. Press the **HOLD**

button.

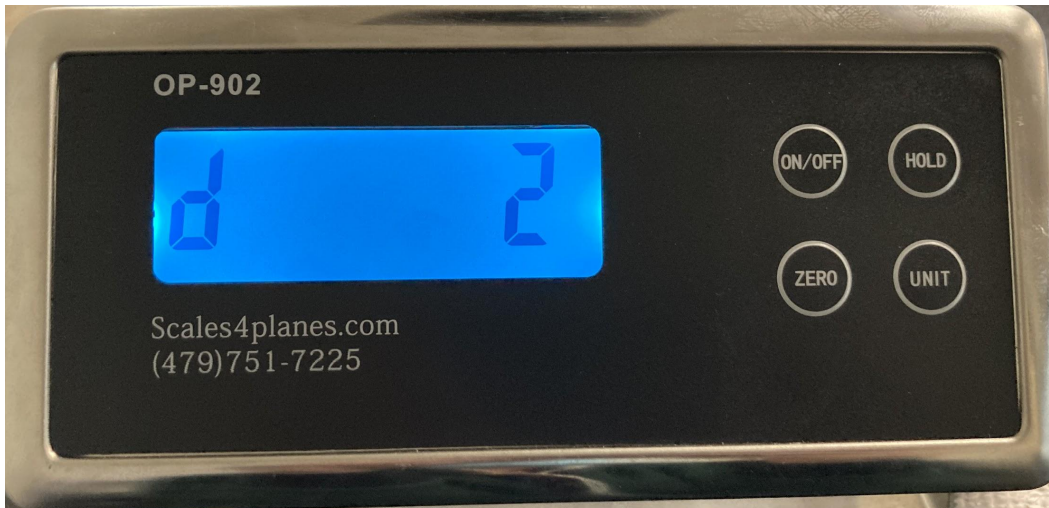
Step 4 Decimal Places



You will see dP 1 or whatever number set previously after dP. You can keep pressing the **UNIT** button

until you have the desired decimal places. I kept this one at dP 1 decimal places of one. An example would be 100.0 lbs. If you have your desired decimal place press the **HOLD** button.

Step 5 Divisions



You will see d 2 or whatever number was set previously. This is the divisions. Divisions are how the

scale increments. Adding 1 pound to a scale with d 2 would go from 100 lbs to 102 lbs. You can press the unit button to change to d 1 or d 5. For most people keep the scale at d 2. Press the **HOLD** button.

Step 6 Capacity



You will see CAP. This is the max capacity of your scale. Press the **HOLD** button again.

You will see 010000 with the right 0 flashing. This means the scale can handle 10,000 lbs max. If your weight on your screen is different from 010000 then it is ok. Just make sure what you are weighing is not larger than the weight on the screen. Press the **HOLD** button.

Step 7 Load Weight



You will see LoAd on the screen. This is your known weight you will be calibrating with. Since we typically

ship this scale with a max weight of 1000 lbs a weight of at least 100 lbs would work. Press the **HOLD** button.

Example weight of 150 lbs. You will enter your weight here



You will see 001000 or some other random number. This is the test weight. If your test weight is 150

lbs you would move the flashing number left by pressing the **ZERO** button. The tenth's place would flash. Now press the **UNIT** button. 001090 would appear. Keep pressing the **UNIT** button until 5 appears in the tenths place.



001050 would appear with the 5 flashing.



Press the **Zero** button.

Next press the **UNIT** button. 001950 would appear. Keep pressing the **UNIT** button until 001150 appears.



HOLD button.

The 1 before the 1 would flash. Keep pressing the **UNIT** button until 000150 appears. This is my weight. Press the

Step 8 Zero Weight Calibration



CAL on
would appear
on the
screen.
Press the
HOLD
button.



noLoAd will
appear. **This**
is the zero
calibration.
Make sure
there is
nothing on
the scale.
Make sure

the feet are attached underneath. Check if there are no screws or other objects under the scale. With the scale clear press the **HOLD** button.

Step 9 Adding load



AdLoAd would appear. **Add your weight to your scale now.** This will be using your test weight

as a reference. With the weight on the scale press the **HOLD** button.



CALEnd would appear. **This is the end of calibration. Remove your weight now.** With nothing on

the scale press the **HOLD** button. The scale would go back to 0 lbs. Add your weight back and see if it is the correct weight.

Hopefully, this fixed your issues. You can restart the scale and it would work. If this doesn't work you might need to try step 1 through step 9 again. If this doesn't fix the issue it could be a bad indicator. Email us at support@optimascale.com and explain how you tried calibration and didn't fix your Err6.