

Error01 Troubleshooting Guide

If you experience an issue during the Autoset and KO displays on the screen press [OK]. An error code will then display. If it is Error01 then that indicates an issue with alignment or wiring for the photo eyes. Please follow the below troubleshooting guide to try and resolve the issue.

- Be sure the wiring matches the diagram in "Wiring Simplified" (in the manual) or in the tables below
- Check all three fuse locations (shown in specifications chapter of the manual)
- Make sure the terminal strip for the photo eyes is not loose on the control board
- Check that your wiring is not stapled or shorting out

Receiver Photo Eye	
Photo Eye Wire	Control Board Terminal Location
1	51
2	50
3	70
4	73 (normally open)
5	72 (normally closed)

Transmitter Photo Eye	
Photo Eye Wire	Control Board Terminal Location
1	52
2	50

Manufacturer's Step by Step Guide for Error01

1. Check fuses
2. Check power on 50-51
3. If there is power there, TEMPORARILY move all photo beam power leads to 50-51
4. Check if beam is powered up and you hear a clicking noise when you put your hand in and out of the way.
5. If you don't hear clicking, make sure they are properly aligned.
6. If you feel that the beams are perfectly pointing at each other then make sure you are receiving power to each photobeam (AT THE PHOTOBEAMS terminals 1-2)
7. Note: If you have power here but the photobeams do not power up, you have bad set of beams. Also, if you have power at the board but not the photobeams check your wiring
8. If everything is correct and you hear clicking, check (AT THE PHOTOBEAM) continuity (ohms) between common and normally closed while putting your hand in and out of the way to make sure the relay is switching between short and open.
9. Note: If the photo beams do not switch polarity on this test then you have bad set of photobeams
10. If photobeam continuity checks out, then remove the cables 70-72 from the board and put your meter to them and set it to ohms.

11. Now put your hand in and out of the way and see if the continuity is changing between short and open
12. Note: If not, check you wiring
13. If all this works, then move the receiver's power lead back between 50-52
14. Note: 50-52 ONLY have power when the motors are moving
15. Put your meter on 50-52 to measure ac voltage.
16. When auto set counts down 3...2...1... right after 1, power should turn on and off at 50-52 testing the photo beams and if they pass the test then power should stay constant until the gate closes itself again.
17. Note: At this step if you are sure your fuses are good, and the power never turns on and off (or on at all) at the beginning of the Autoset you have a bad board
18. If when you power up the board with the orange plug in with all your wires connected and it blows the fuse. Check your wiring.
19. If you have the orange plug in with no wiring installed and the fuse doesn't blow. Check your wiring.
20. If you have the orange plug not plugged in and the second you plug it in it blows the fuse. Check your wiring.



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