

Roll-Rite “Black Box” Troubleshooting

LED Diagnostics, Unit @ Rest

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|----------|--------------|---|
| No Light | ----- | No Power or box is locked out (see Lock out feature) |
| Green | Continuous | Everything is OK |
| Green | Single Blink | Low Battery Warning. Recharge your Battery soon |
| Green | Double Blink | Battery is nearly dead and must be recharged before unit will operation |
| Yellow | Continuous | Fuse 1 (5 Amp – see fig. 10) is Blown |
| Yellow | Single Blink | Fuse 2 (10 Amp – see fig. 10) is Blown |
| Yellow | Double Blink | Fuse 3 (15 Amp – see fig. 10) is Blown |
| Yellow | Triple Blink | Fuse 4 (15 Amp – see fig 10) is Blown |
| Red | Continuous | Unit is in Program Mode |

LED Diagnostics, Unit in Operation

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|-----|--------------|--|
| Red | Continuous | Confirms it is in operation |
| Red | Single Blink | Low Battery warning. Recharge soon |
| Red | Double Blink | Battery is nearly dead – unit will not operate until charged |

Fuse Replacement:

- 1) Using the codes above to diagnose which fuse is blown
- 2) Remove the 10 bolts that hold the lid in place
- 3) Carefully lift lid and unplug switch leads
- 4) Do not touch circuit board any more than necessary
- 5) Carefully locate (see Fig. 10) & remove the blown fuse and replace it with a fuse that is the same size
- 6) Replace the lid
 - A. Plug switch leads in
 - B. Arrange so that they will not be pinched as lid is replaced
 - C. Insure that gasket is in place in groove in lid
 - D. Press lid back into place and replace 10 lid bolts
 - E. Tighten lid bolts in a star pattern to insure lid tightens evenly

Figure 10 – Fuse Replacement

