

Auto Backer Instructions



1. Unpack Unit

- Remove backing dog from box and remove any loose packing material.

2. Power Up/Install Antenna (if applicable)

- Transmitter – Insert standard 12v alkaline battery in the transmitter with the positive (+) side out. Replace metal cap.
- Backing dog receiver – Install antenna on the backing dog receiver.
- The unit is equipped with a rechargeable battery. The battery can be charged while left in the unit, or can easily be removed by loosening two screws, allowing you to charge the battery at a more convenient location. The unit is shipped with the battery charged. When the battery becomes fully discharged, allow 12-14 hours on the charger for a complete recharge.
- **Note – the unit is shipped with the positive battery lead disconnected. You will need to remove the tape from the lead and connect it to the rechargeable battery before proceeding with charging and operation.**

3. Match the Transmitter and Receiver (With the Transport Latch disengaged, see Fig 3 below)

- **Step 1** - Press and hold the RED button on the launcher receiver -- a green LED light will flash and then go out.
- **Step 2** - Continue holding the RED button down, and a yellow LED will stay on for about two seconds. Release the RED button and the LED will start to flash yellow, indicating the backing dog receiver is in the program mode.
- **Step 3** - Press and release the handheld transmitter button you want to use to activate the backing dog. A green LED light will flash on the backing dog receiver indicating the unit is properly programmed and ready to use.
- **Step 4** - Repeat the above to program additional backing dogs to the same transmitter, making sure you choose a different transmitter button for each additional unit, or if using the "two-button" transmitter, move the slide switch located on the left side of the transmitter to the alternate position. You may then program a second backing dog (or launcher) with the single button.



Upgraded Units with the 12-Volt Rechargeable Battery

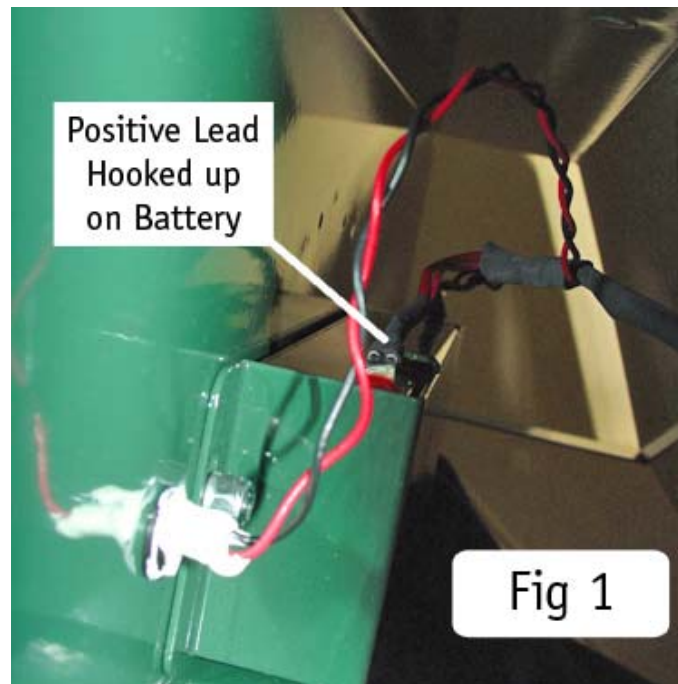


Figure 1: Underside view

Positive lead must be pushed onto battery terminal
(they are shipped unplugged)

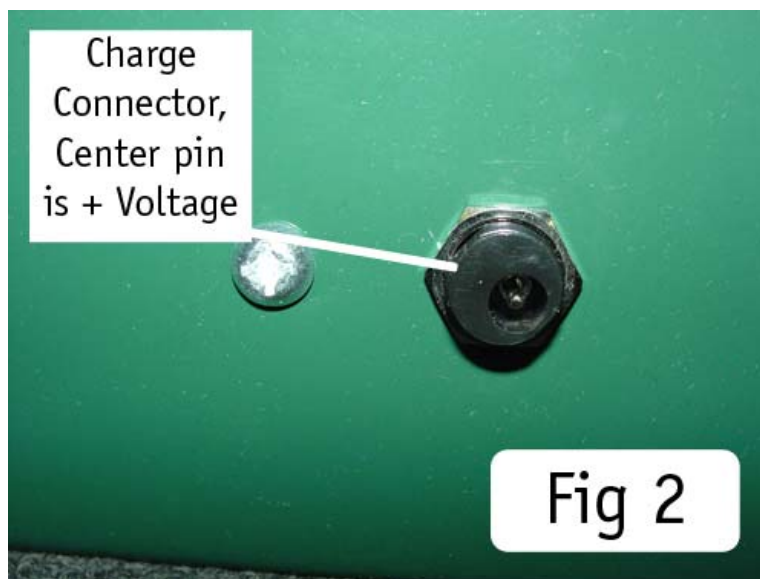


Figure 2 : Charge

The sealed battery needs charging before using, and the unit should be stored with the battery fully charged.

The battery should be charged completely every 60 days of storage to extend battery life.

There is an indicator LED on the AC charger.

Note: Some units are shipped with a different charger that does not have an indicator LED on them -- use charge time of 12-14 Hrs.

Mounting screw 3mm hex driver
required to remove. Be careful that
you do not loose those 2 washers.

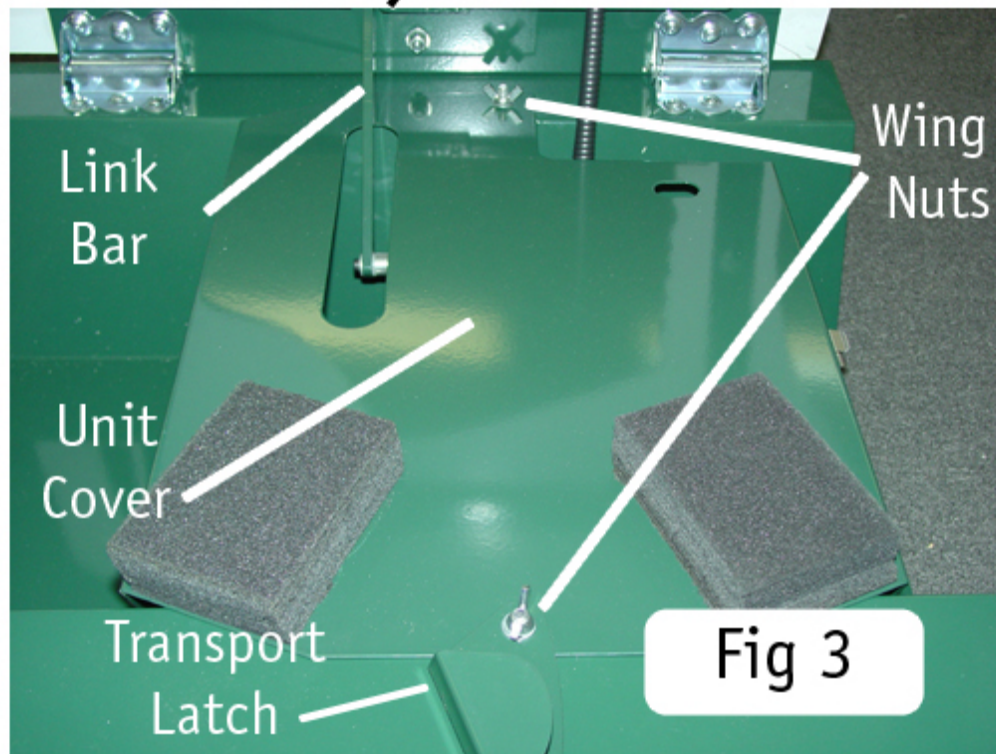


Figure 3: Unit with dog silhouette up

First undo the transport latch and raise silhouette.
This has to be done under its own power --
it cannot be forced up.

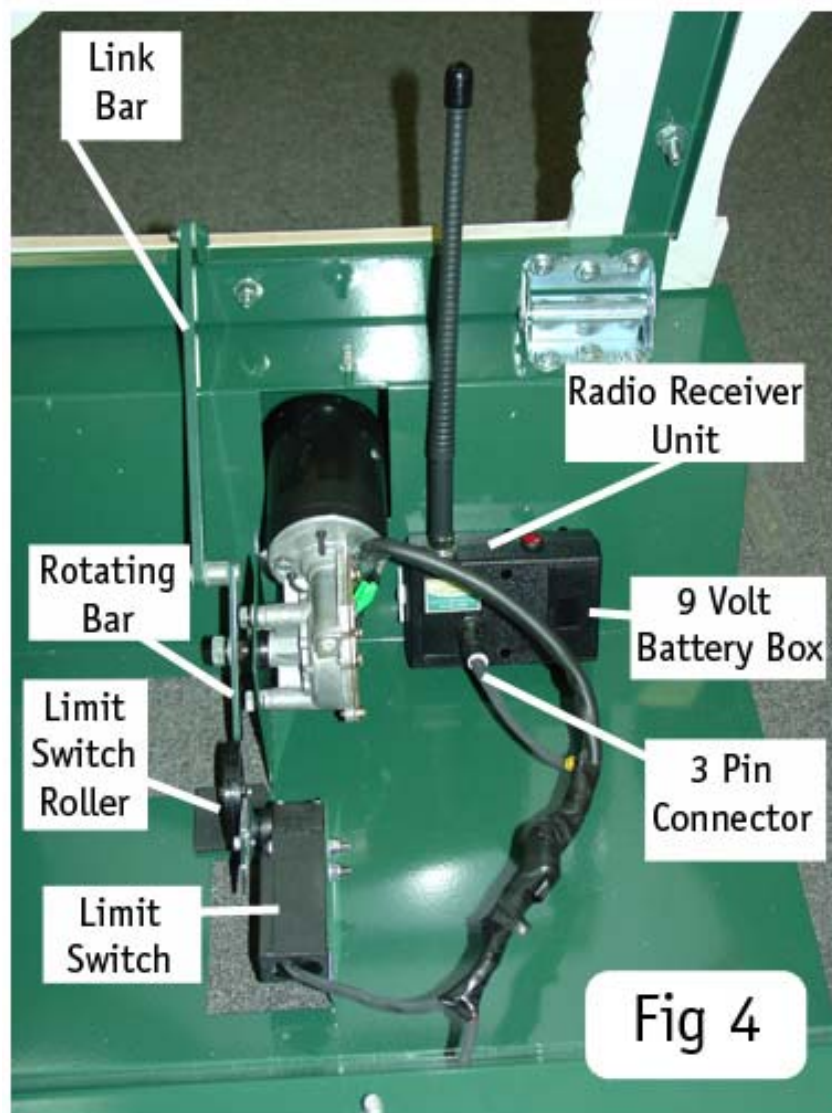


Figure 4: View with Unit Cover Removed

Link Bar must be unattached from dog silhouette (See Figure 3) to completely remove unit cover.

The 9-volt battery in the radio receiver needs to be replaced periodically. If after use the unit begins to "act up", a new 9-volt battery in the radio receiver unit will often return the backing dog to normal operation.

If the dog backing unit does not stop at the up or down position

- First remove unit cover and reattach the link bar to dog silhouette see Fig 3.
- Verify that a new 9-volt battery is in receiver and the backing dog battery is fully charged.
- Verify that the 3-pin connector is mated properly and locked in place.
- Verify that the rotating bar is properly tripping the limit roller (each end of the rotating bar should trip the limit switch roller). If not, it needs adjusting. (See Figures 5 and 6.)

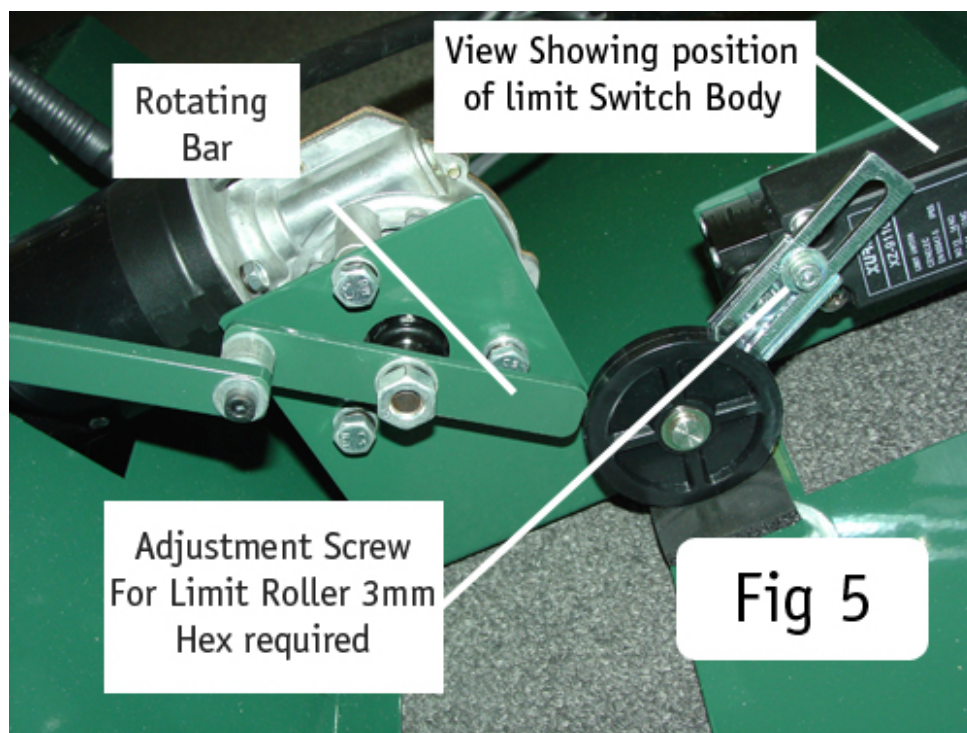


Figure 5: View showing setup of limit switch

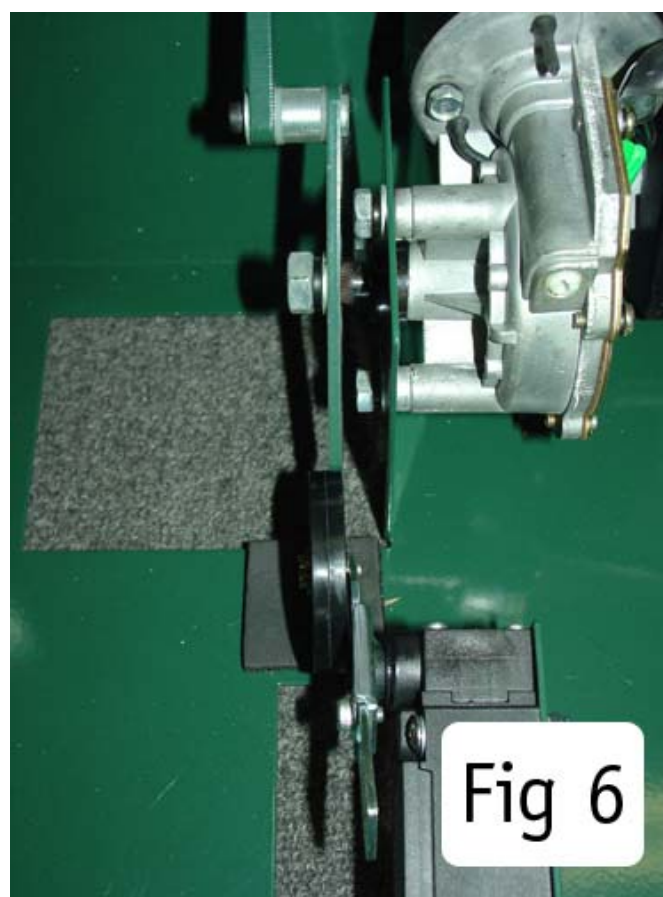


Figure 6: View showing limit roller and rotating bar relationship