


**POWER**TAGGER

 [powertagger.com](http://powertagger.com)



**\*Apply 800 to 1,000 tags with one charge.**

**\*Charging time to fully charged approx. 1.5 to 2 hours.**

**\*Models:**

- Multi-Tag Tagger
- One Piece Tagger

The Original Battery Power Assisted  
Universal Tag Applicator

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**Thank you for choosing the Original Power Tagger®**

**Remember:**

If it's not badged Power Tagger®, it's not an original Power Tagger!

**Please read this  
operation manual  
thoroughly before  
use to avoid  
accident or injury.**



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## Quick Overview

1. Non-professional personnel should not operate this device.
2. Do not put your hand into the clamp while working.
3. Please complete and return the warranty registration card ASAP.
4. Battery should be fully charged before use.
5. Press the power switch for 2 seconds and press the trigger 2 times to wake up the device.
6. Keep the rotating shaft lubricated when in use.
7. Before working, press the trigger to close the clamp several times, check for normal function and adjustment before starting to work. With safety mode set the button on the side should be pressed prior to each application.
8. Depending on the make, model and type of tag, the correct pin should be chosen. The closing distance can also be adjusted to suit if required. See instructions on adjusting closing distance.
9. In normal operation, press the trigger to close. Post application the jaw will re-open. To reduce the jaw re-opening distance if required, press the trigger for 6 seconds until beep is heard. To return to normal opening distance, repeat the procedure.
10. Shutdown: Press the power switch for 2 seconds to turn it off. After 10 minutes of standby the jaws will close, and the applicator will switch off.
11. To remove the battery: Press the button on the battery box and pull out the battery horizontally outwards.
12. While the Device has IP65 rating it is recommended not to operate this device in the rain.

## Two Available Models



Multi-Tag Tagger   One Piece Tagger

**It is essential to ensure that the correct pin is used to suit brand of tags to be applied.** Industry standard pins are supplied. Alternative pins are available to purchase separately.

### One Piece Tagger

To Apply One Piece tags, ensure the correct pin is used. The Power Tagger is supplied with industry standard 28mm pins.

### EID/USDA Tagger

To Apply EID/USDA Tamper evident/ closed cap tags. **Remove the black plastic insert.**

To Apply most two-piece VID tags/Fly tags. Leave plastic insert in.

Power Taggers are supplied with a selection of generic industry standard universal pins.

## Getting Started

Install the lithium battery at the bottom of the clamp.

Press the power switch for 2 seconds.

Press the trigger 2 times to wake up the pliers.



Note: After 10 minutes of standby the jaws will close, and the applicator will switch off.

## Shutdown

Take any tags out of the jaws. (the jaws will close).

Press the power switch for 2 seconds to switch off. The Jaws will close.

Oil unit from time to time and check tightness. See Manual for maintenance procedure.



## Protection Function

There is Protection Function set as standard. When this function is turned on, you must press the red safety switch/button on the side of the handle to tag. If you don't press it, the tagger won't function. This prevents accidental injury to your hand.

When the anti-hand pressure function is turned off (optional/not recommended), users can tag continuously, but the user must pay very careful attention to safety.

### Pressure function control:

#### To Activate:

With Power off → press and hold the power switch for 6 seconds → hear a long beep.

Test by pressing trigger twice. The tagger will switch on and open but no close.

To tag normally, press the red safety switch/button before each pull of the trigger.

#### To deactivate:

##### **Not recommended**

With Power off → press and hold the power switch for 6 seconds → hear a long beep.

Test by pressing trigger twice. The tagger will switch on and open.

Pull the trigger and the tagger will close without the red safety switch being pressed.





## Adjusting the Jaw Opening Size

During normal operation the jaw opening is set to a standard size. Press the trigger to close, release to open.

To widen the jaw opening distance, for very thick ears, press the trigger for 6 seconds to hear 1 or 2 beeps. This will allow the Tagger to operate with a wider opening.

To return to standard function. Press the trigger again for 6 seconds to hear 1 or 2 beeps.

**Fig A:** Standard Width/Opening



**Fig B:** Wider Opening



## Adjusting Pin Travel Distance

While **Not normally required**. Some brands of tags may require a different pin travel distance (such as those with tamper evident caps). During prolonged operation, it is possible that the settings gradually slip.

Upon delivery the travel distance is set at standard. To change the travel distance of the pin to greater or less, follow these instructions.

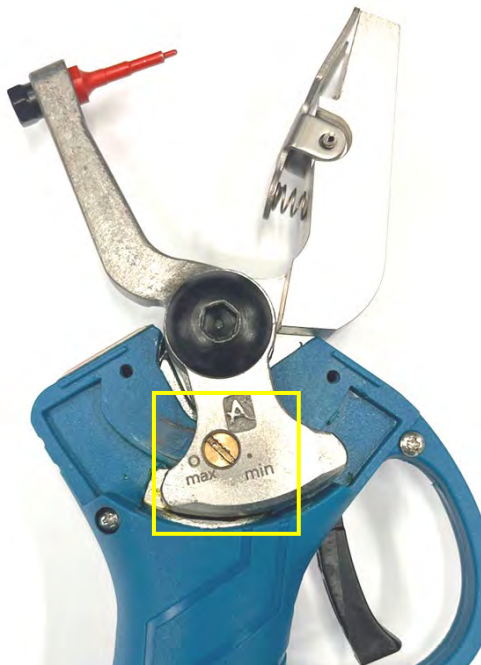
**A:** Loosen the two cover screws counterclockwise. Remove the cover with tools provided.



Loosen side retaining Screw slightly, by turning Anti Clockwise, to prepare For adjustment.



**B:** Turn travel adjustment screw, adjusting it towards Max or Min.



To reduce the travel distance, turn clockwise by 30 to 50 degrees (towards MIN). You will notice the jaw widen. This means that the pin moves less into the female jaw.

To increase travel (allowing the pin to pierce further into the tag), Turn anti-clockwise (towards MAX).

Note: Older versions may not be marked MIN/MAX but the adjustment process remains the same and can be measured by using the hole in the slot.



**C:** As a general rule, when the travel distance is at Maximum, turn the gold screw 180 degrees counterclockwise and the travel distance will be the smallest.

**D:** Once desired travel is achieved. Repeat step A in reverse. Tighten side screw. Then replace the cover by inserting lip at base then fastening screws.

## Routine Maintenance/Troubleshooting

As with most Power tools some routine maintenance is required such as lubrication and tightening. It is important to oil and check the operation of your PowerTagger and ensure the center spigot is tight on a regular basis.

If there is the sound of a gear slipping when operating, a clicking sound, then the spigot may have become slightly loose from repeated use. **Proceed with caution.**

**A:** The large black bolt should be slightly unscrewed. (see Fig. A image)

**B:** Tighten the Silver nut (see Fig. B image) and then tighten the black Bolt again.

**C:** Take the opportunity to apply a drop of oil/lubricant to the jaws at this time.

If there is NO the sound of a gear slipping when operating, then it may be that the side screw has become loose or was not tightened after adjusting the closing distance, and the vibration during operation caused the screws to become loose and need to be tightened. In addition, the travel distance needs to be adjusted to the maximum or minimum.



## Operation Indicators

For LED flashing indicators and diagnostics, see table:

LED Indicators	Flash 1 time: Finger Protection Function
	Flash 2 times: Electric Current Standard Error
	Flash 3 times: NOS Damage
	Flash 4 times: Hall fault (Not used)
	Flash 5 times: Overcurrent Protection
	Flash 6 times: Overload
	Flash 7 times: Phase Loss Protection
	Flash 8 times: Undervoltage or Overpressure
	Flash 9 times: Temperature too high
	Flash 10 times: Communication Error
	Flash 11 times: EPROM Error
	Flash 12 times: Phase Detection Failed
	Flash 13 times: Programming Error



## Battery Charging

The Li-ion battery connects to the charger and the charger plug connects to the power socket. The LED indicator on the battery will turn RED during charging and turn GREEN when the battery is fully charged.

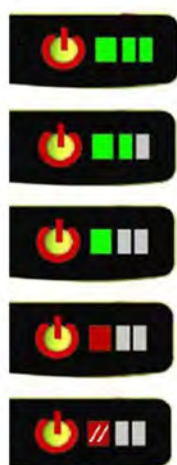
### Caution:

1. Before charging, please ensure the battery power switch is in the OFF position. During charging it is normal for the charger and battery to be warm.
2. Where the battery has not been used for a long period of time, it is recommended to charge the battery at least once every 3 months to ensure the battery life is not affected by low usage and discharge.
3. For a new battery, not used for a long period of time, it will be necessary to carry out approx. 5 charge and discharge cycles before the battery will achieve full charge capacity.
4. DO NOT recharge a fully charged battery just after a few minutes of usage as this will reduce the battery lifespan and efficiency.
5. DO NOT use a damaged battery and DO NOT disassemble the charger or the battery.
6. DO NOT place the battery near high temperature heat source as the battery may explode in fore or after prolonged exposure to a high heat source.
7. DO NOT charge the battery in an outdoor or humid environment.
8. DO NOT attempt to use the Power Tagger during charging.
9. DO NOT store the battery in a humid environment.
10. Batteries should be placed out of the reach of children.



AT210-V	
Weight	1.1Kg
Torsion	1132mN. m
Rated Voltage	DC 21V
Charging Voltage	AC110V-220V
Battery Capacity	2000mAh
No Load Speed	24000r/min
Certification	UN38.3

## Battery Indicators



100% Battery	Voltage 19.0V – 21.0V
75% Battery	Voltage 18.0V – 19.25V
50% Battery	Voltage 17.0V – 18.25V
30% Battery	Voltage 16.25V – 17.25V
Blinking 8 Times	Undervoltage or overpressure

## Warranty

The warranty is valid for 12 months from the date of purchase. It covers all repair costs of the tagger caused by a product defect.

Any damage caused by the customer due to misuse, lack of maintenance or use not in accordance with the instructions will not be covered by the warranty.

To claim under the warranty the tagger **should be registered within 14 days of purchase** and returned together with the warranty card supplied to your supplier. For contact details see our website.

## Environmental

Please carefully abide by national laws and regulations.

Electronic and electrical appliances cannot be treated as domestic waste. Equipment, accessories and packaging are recyclable.

It is forbidden to discard scrapped machinery and equipment at will.

## Disclaimer

The company reserves the right to make technical improvements to the product described in this manual. We appreciate your understanding.

There may be discrepancies between graphics, images, illustrations and text in this manual and actual product supplied. In some cases, please refer to the actual product.

## Contact information:

For further information visit: [www.powertagger.com](http://www.powertagger.com)

