

# VS25XP-M210

## Quick guide - early version

### Be extra careful !!!

VectorSave™25 M210 has new type of loaded spring.

20kg of POWER needs EXTRA CAUTION

- NEVER LAUNCH EMPTY TUBE !!! (THIS WILL POTENTIALLY BREAK PISTON AND TUBE)

### Assembly

Assemble system so that the trigger box is attached to tube by double sided tape on mounting pad (piece of plastic caved for mounting outside tube).

Attach battery outside the tube with velcro.

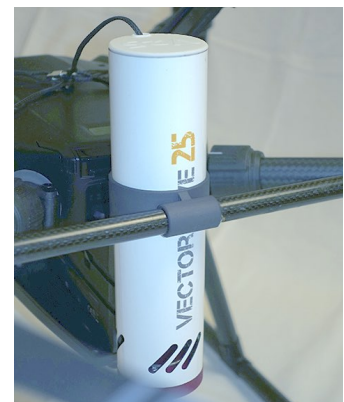
Connect parts as shown on the picture. (electrical connection)

When loading spring make sure the bottom of the tube is well supported. Holding it against table as shown is recommended.

## VectorSave™ drone rescue system for DJI M210 series

*Complete solution against power failure*

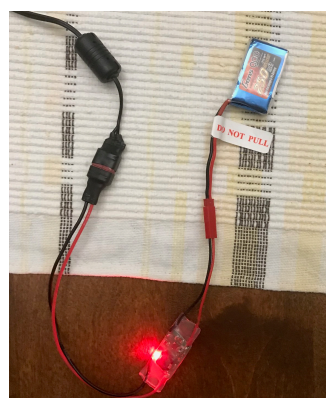
Extra security may be needed if flight is operated over populated area. We were asked to develop rescue solution for this range of drones that are widely used by law enforcement or fire departments to mention few target groups.



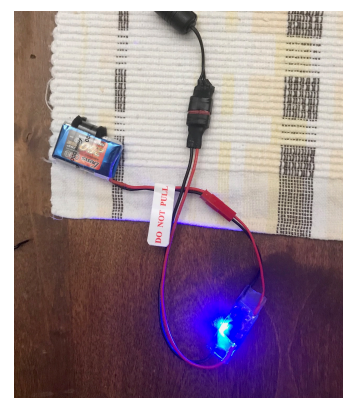
Loading spring against table.



Electrical connection.



Charging



Charging ready

Harness is mounted as shown here.

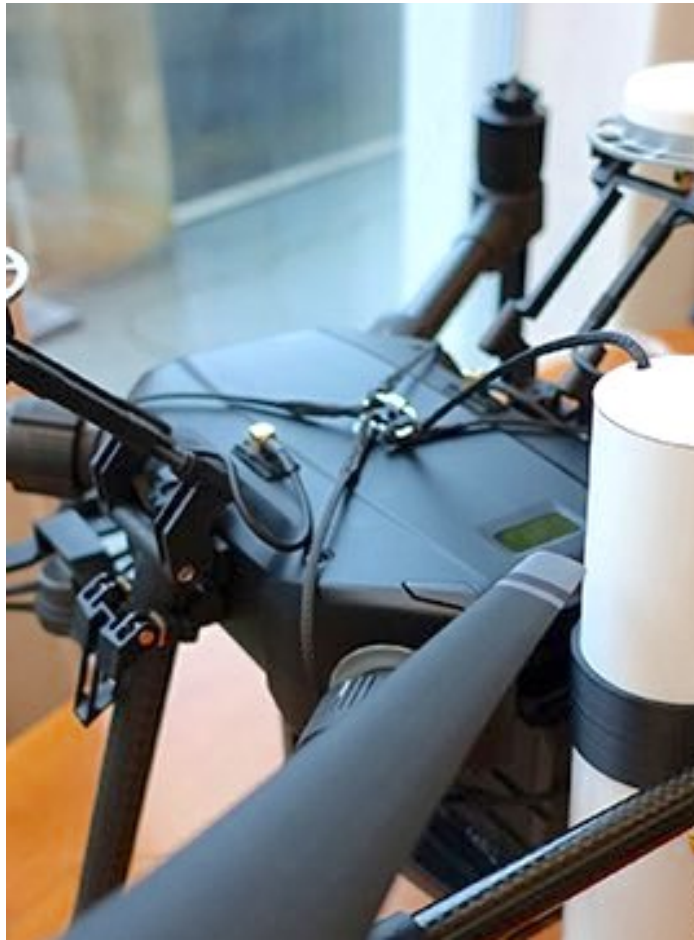
It has two loops, one around the front arms and one around the rear arms.

The connecting rope from packed parachute comes out through cap and connects to the shackle (stainless steel loop with threaded secure ring).

### Test flight

It is important you fly multiple test flights in normal conditions **WITHOUT PARACHUTE LOADED!!!** with **parachute electronics armed** (blue light blinking) and confirm that blue light will not become solid blue while flying.

Purpose of this is to test that your parachute will not deploy by mistake with your used setup. System will sense thrust by props and when props run it should never deploy. PLS make a test flight.



### Waking up system - Arming and disarming

#### Waking up system

System wakes up by pressing button once. Green light comes on and will be automatically shut off if not armed in 20 seconds.

#### Arming system

Make sure your drone is in horizontal position when you arm system. Arming is done by pressing the button bit longer when green light is on. When armed blue light will blink. **WARNING!!!** when armed the parachute will deploy if drone is tilted over 70 degrees while props are not running.

#### Disarming system

Press button bit longer when armed and light will turn green indicating that system is idle and chute will not deploy

When deployed the blue light will be solid (not blinking) to get out of deployed state you need to press button bit longer and light will turn green. (you may also disconnect battery to disarm)