

*Industrial Unmanned Aviation*



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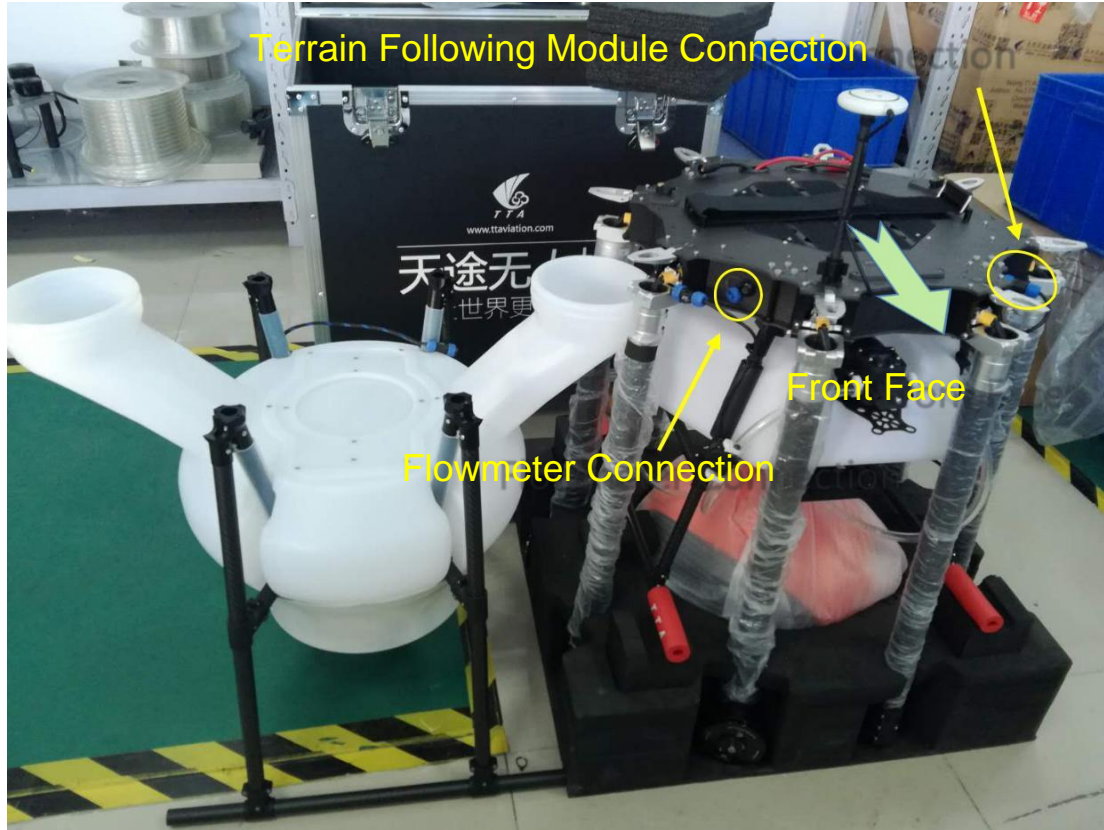
## **M8A PRO GRANULAR SPREADER**



## **CONVERSION GUIDE**

# M8A PRO GRANULAR SPREADER

The M8A PRO model is designed to carry both the Spraying System and Granular Spreading Device. The special design allows users to switch payloads with minimal downtime.



x-1 M8A pro

Photograph X-1 Spreading Device for M8A PRO (see above)

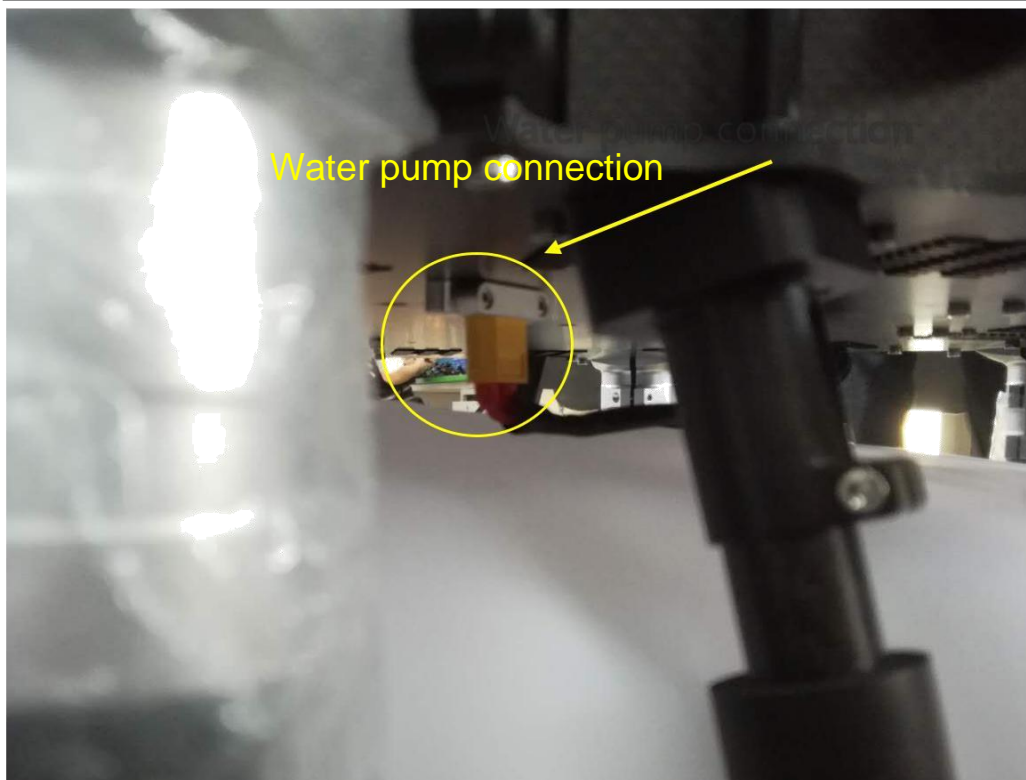
## Installation

Step 1, remove the Spray System from the mainframe.

**Attn: keep the screws inside the mainframe while unscrewing the Spreading Device or the Tank from the mainframe (4 pieces for each of the 4 legs, 16 in total)... otherwise, it will require opening the entire mainframe.**

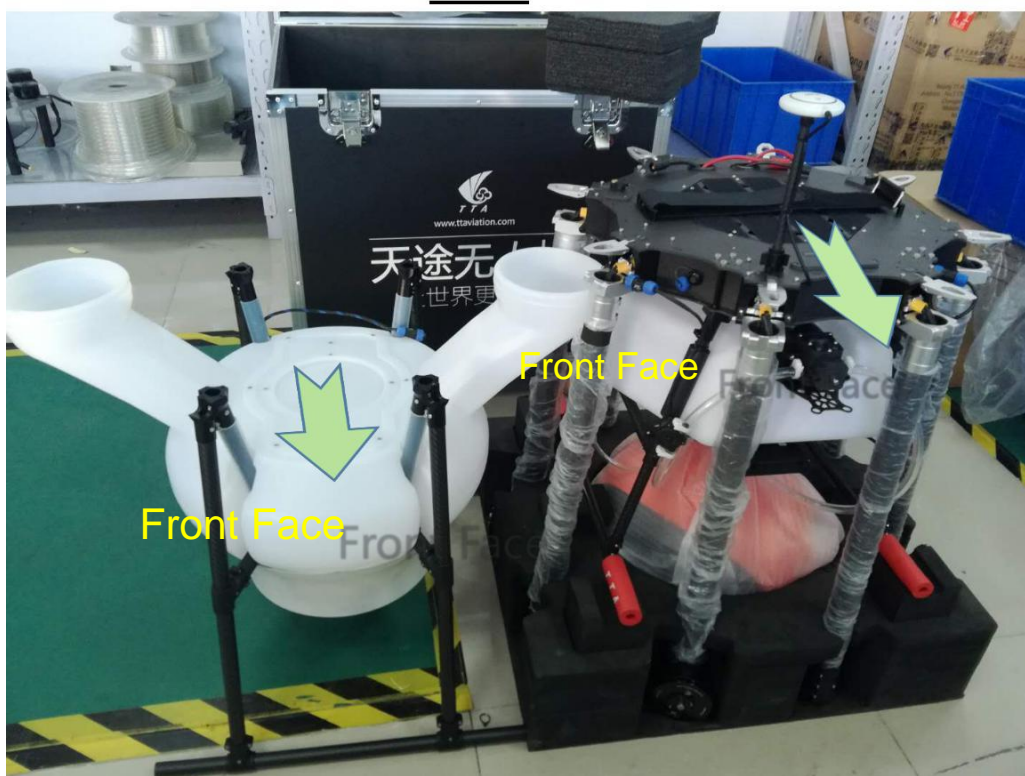
Before removing spray tank and landing gear, confirm the following procedure is carried out with care: (see Photograph X-1 for reference)

1. Unplug the Flow Sensor and Terrain Sensing Device (see Photograph X-2 for reference)
2. Disconnect the Spray Pump from center board.



x-2

Step 2, place the spreading device in the direction shown in Photograph X-3 to connect it to center board and make sure it's properly seated. Be careful not to cross-thread the bolt; we suggest you prevent this by holding the landing gear flush to the bottom plate and **reverse** the bolt until feel a 'click', and then forward thread the bolt gently.



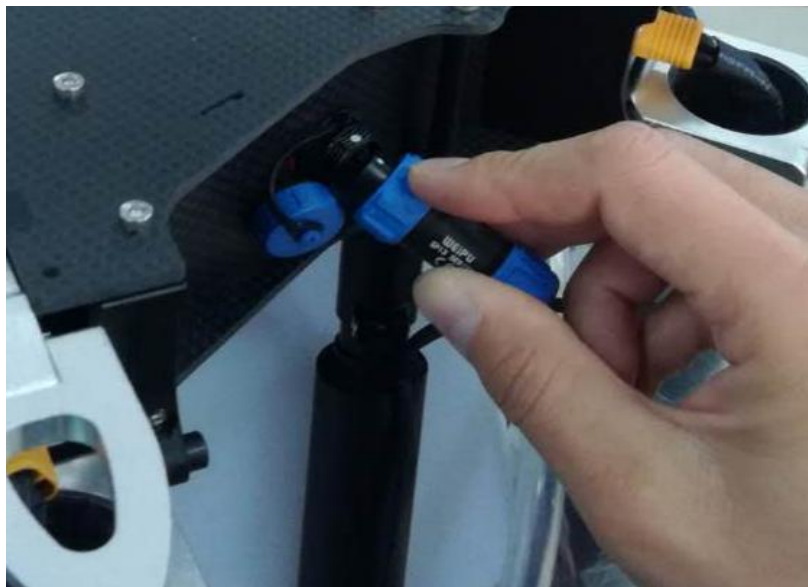
x-3

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Step 3, Connect the Aviation plug to the Main body.



x-4



x-5



## Control

When Spreading device is exchanged, so are the functions indicated on the control device as shown and highlighted in yellow below:

	Top	Neutral	Bottom
Stick(left) :	/	/	/
Stick(right) :	/	/	/
SA: (flying mode)	Altitude mode	GPS mode	AB mode/auto
SB: Loading	off	(auto)	on
SC: Spreading	off	50% Speed	100% Speed
SD: AB	/	Location A determination	Location B determination
S3 : RTL	off	/	on
RD : Loading Speed	0 ( left end )	/	MAX ( right end )

## Spreading process :

When hovering in position, turn the SC switch to Neutral or Bottom to start the spreading wheel.

### 1. SB

Turn on “SB” switch to start loading and spreading.

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