J150 Maintenance manual

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J150 plant protection drone disassembly and assembly process

1. Main and secondary antenna assemblies

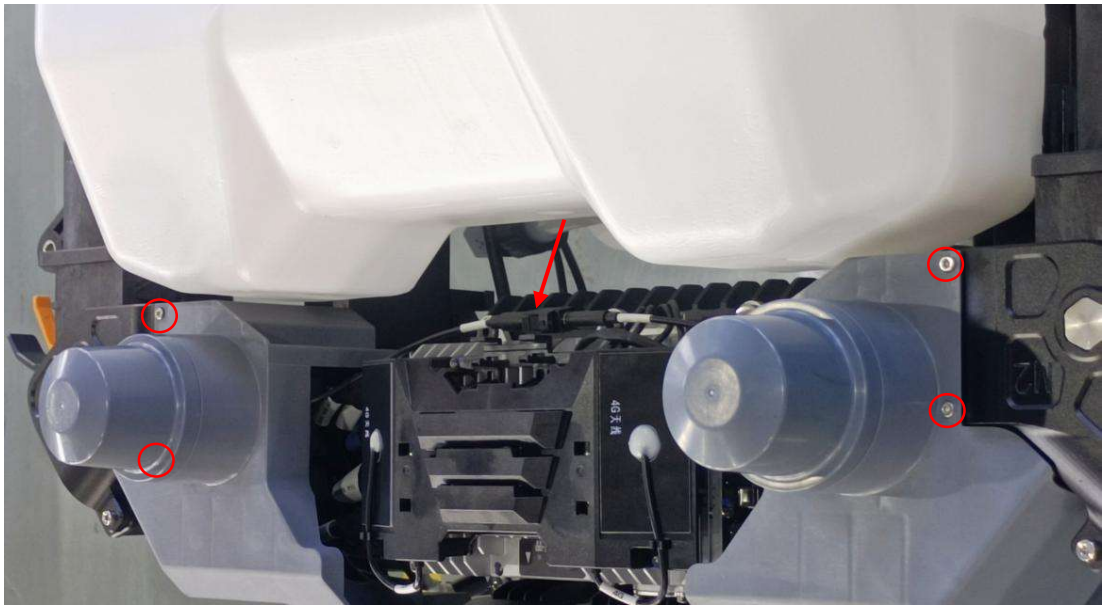


Figure 1

Figure 2



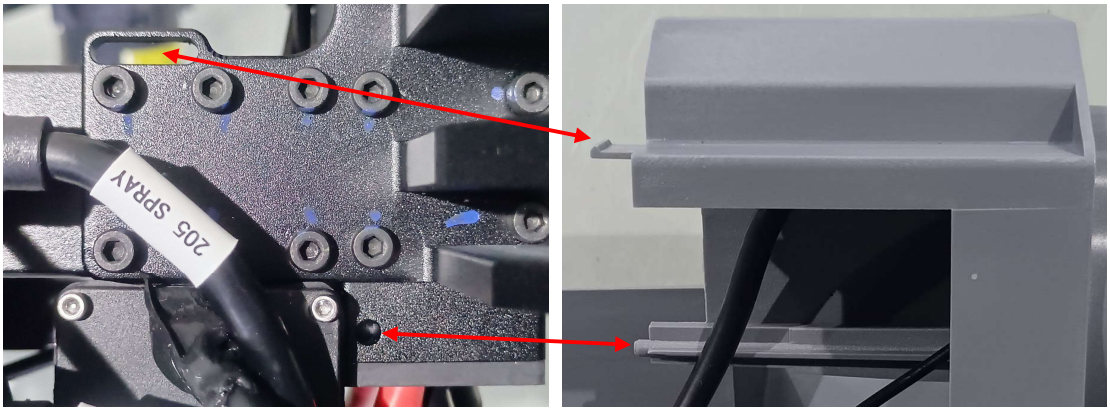


Figure 3

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 2.5mm hexagon screwdriver to remove 4 main and auxiliary antenna bolts。 2. As shown in Figure 1, disassemble the secondary antenna GPS-S harness connection, and pick up the secondary antenna assembly。 3. As shown in Figure 2, the main antenna assembly is picked up and the 203GPS wiring harness is disassembled.
Part Numbers	● Main antenna assembly V6.0 B20100271 ● Secondary antenna assembly V6.0 B20100272 ● Hexagon socket cylindrical bolts M3x8 Y10200427
Precautions	1. The secondary antenna harness should not be forcefully removed，It is recommended to use a flathead bolt knife to gently expand outward。

assemble：

Assembly process	1. Main antenna assembly203GPSThe wiring harness is inserted into the corresponding jack of the main module； 2. The main antenna assembly is aligned with the square slots and round holes of the rack，As shown in Figure 3，Place the bolt hole in place。 3. Use 2.5mmAllen socket screwdriver，M3x8bolt2coated pieces243Blue glue，Tighten sequentially。 4. The secondary antenna assembly is placed on the mount, aligned with the mounting hole, and coated with

	243 blue glue with 2.5mm Allen screwdriver and 2 M3x8 bolts, and fastened in turn. 5. Connect the secondary antenna harness to the main antenna harness and place it onto the corresponding mounting seat.
The name and number of the item	● Refer to "Disassembly – Part Numbers".
Precautions	1. When installing the main and secondary antenna assemblies, choose a suitable angle to fit them in. 2. The housings of the main and secondary antenna assemblies are plastic; do not over-tighten during installation.

2. Master control module

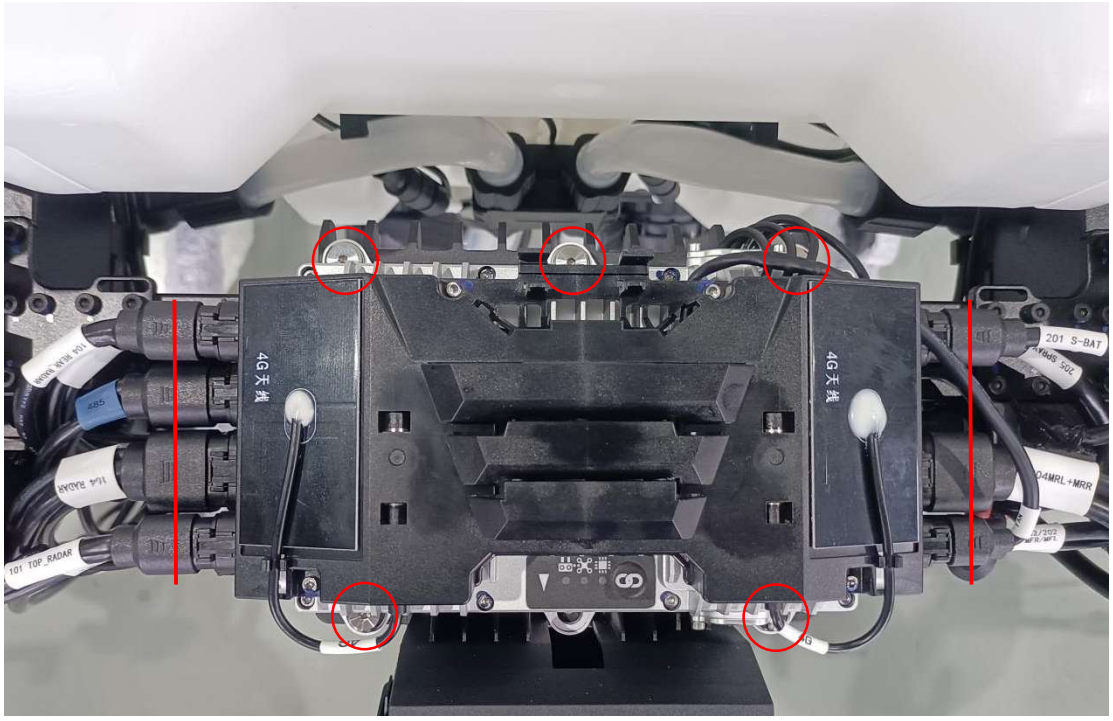


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, remove the wiring harnesses on both sides of the master control module in sequence, from front to back. 2. As shown in Figure 1, use a 2.5mm hex screwdriver to remove the 5 shoulder bolts.

Part Numbers	● 6.0 Master control module B20100276 ● M3 shoulder bolt Y10500481 ● Upper isolation pad Y10201070 ● Lower isolation pad Y10201071
Precautions	1. Each harness connector uses a snap-clip structure; do not use excessive force when plugging or unplugging during disassembly. 2. With one hand press and lift the connector clip, and with the other hand gently pull the harness outward. 3. Remove the harnesses in sequence, from top to bottom and from front to back.

Assembly:

Assembly process	1. Align the master control module with the mounting bolt holes and set it in place; 2. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 5 M3 shoulder bolts and tighten them diagonally in sequence. 3. Insert the harnesses on both sides horizontally and vertically, in sequence, into the corresponding sockets of the master control module.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Do not install a screw in the middle hole on the front side of the master control module. 2. After the connector is inserted, press the clip once to confirm it is seated properly, to prevent it from coming loose.

3. FPV assembly

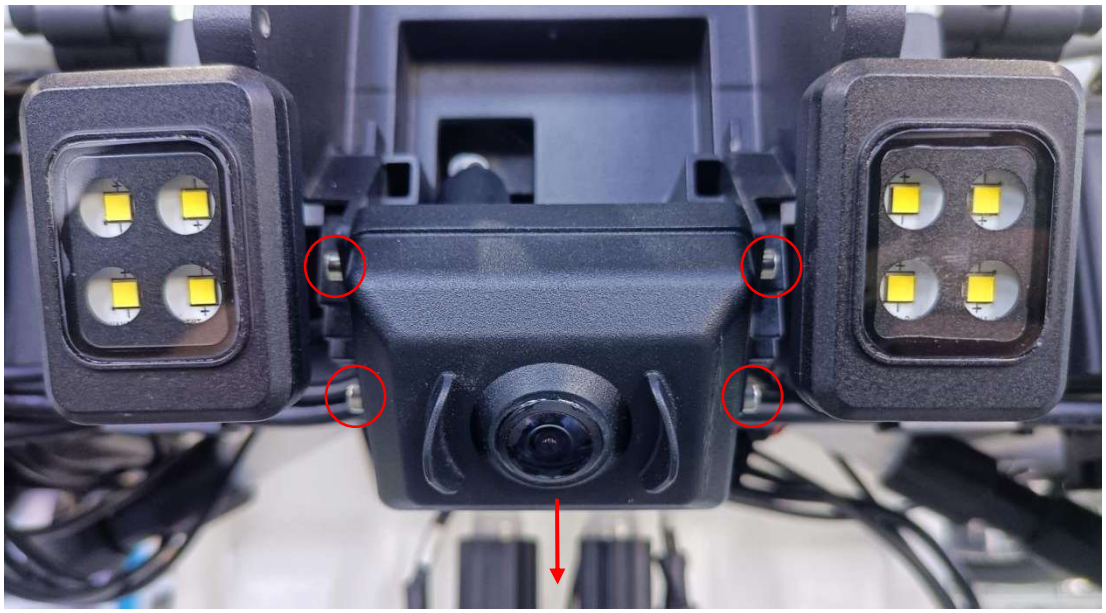


Figure 1

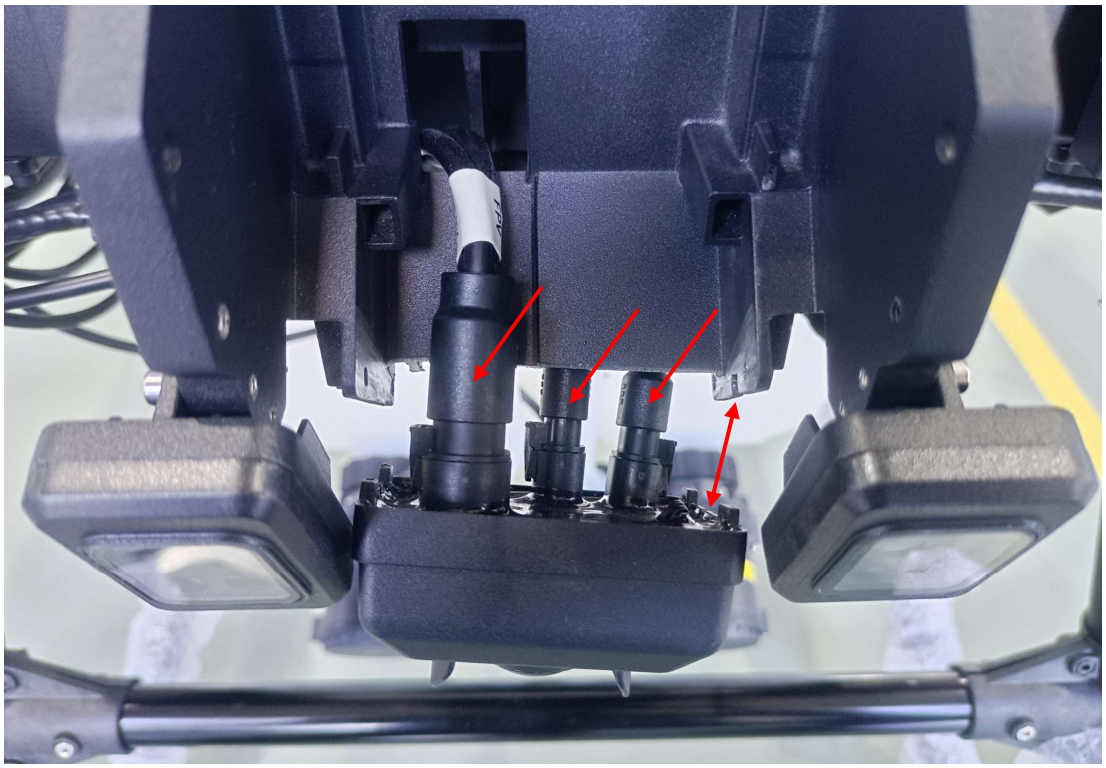


Figure 2

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 2.5mm hex screwdriver to remove the 4 fixing bolts. 2. As shown in Figure 1, gently pull the front module bracket outward toward the front. 3. As shown in Figure 2, disconnect the FPV module harness and the left and right night-navigation-light harnesses.
Part Numbers	● FPV assembly V6.0 B20100274 ● Hex socket cap bolt M3x8 Y10200427
Precautions	1. If the FPV module clip does not release easily, first loosen the FPV module harness so the FPV module protrudes a little more.

Assembly:

Assembly process	1. Connect the left and right night-navigation-light harnesses first, then connect the FPV module harness. 2. Align the FPV module with the slot first, gently push it into the front bracket, and align the bolt holes. 4. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M3x8 bolts and tighten them in sequence.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Take care to avoid scratching the lens.

4. LED light assembly

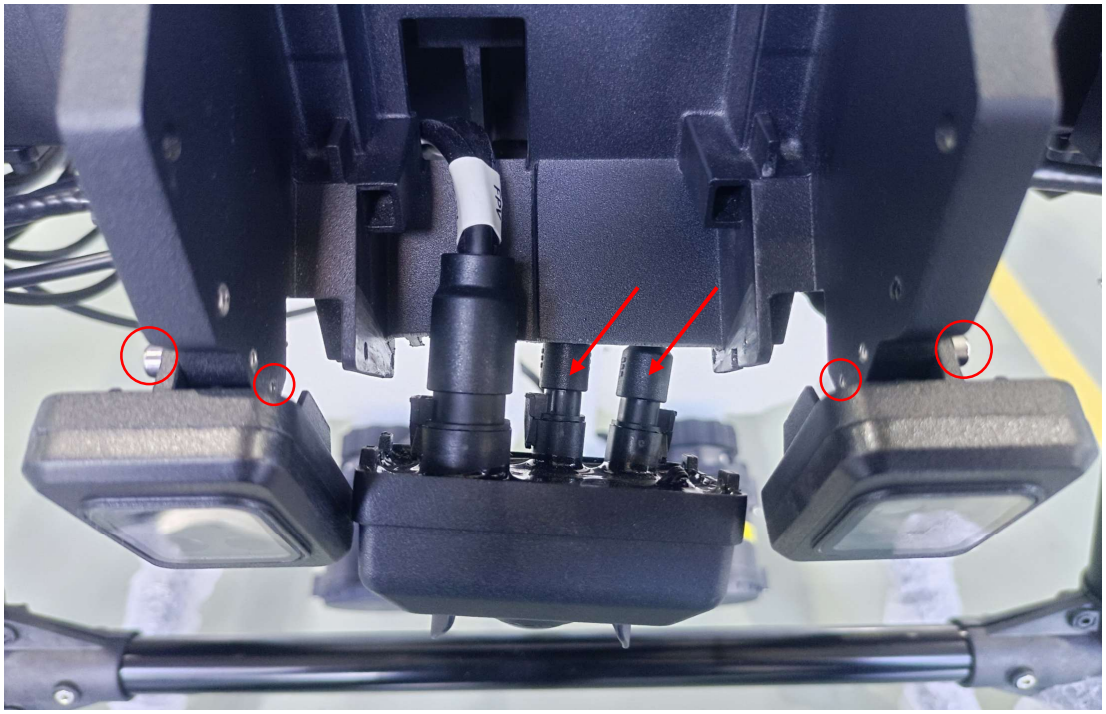


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, disconnect the left LED light harness first, then disconnect the right LED light harness. 2. As shown in Figure 1, remove the 4 fixing bolts of the left and right LED light assemblies.
Part Numbers	● LED light assembly V6.0 B20100275 ● Hex socket cap bolt M3x8 Y10200427
Precautions	/

Assembly:

Assembly process	1. Install the left and right LED light assemblies; using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M3x8 bolts and tighten them in sequence. 2. Connect the right LED light harness first, then connect the left LED light harness.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Take care to avoid scratching the lens.

5. Water tank assembly

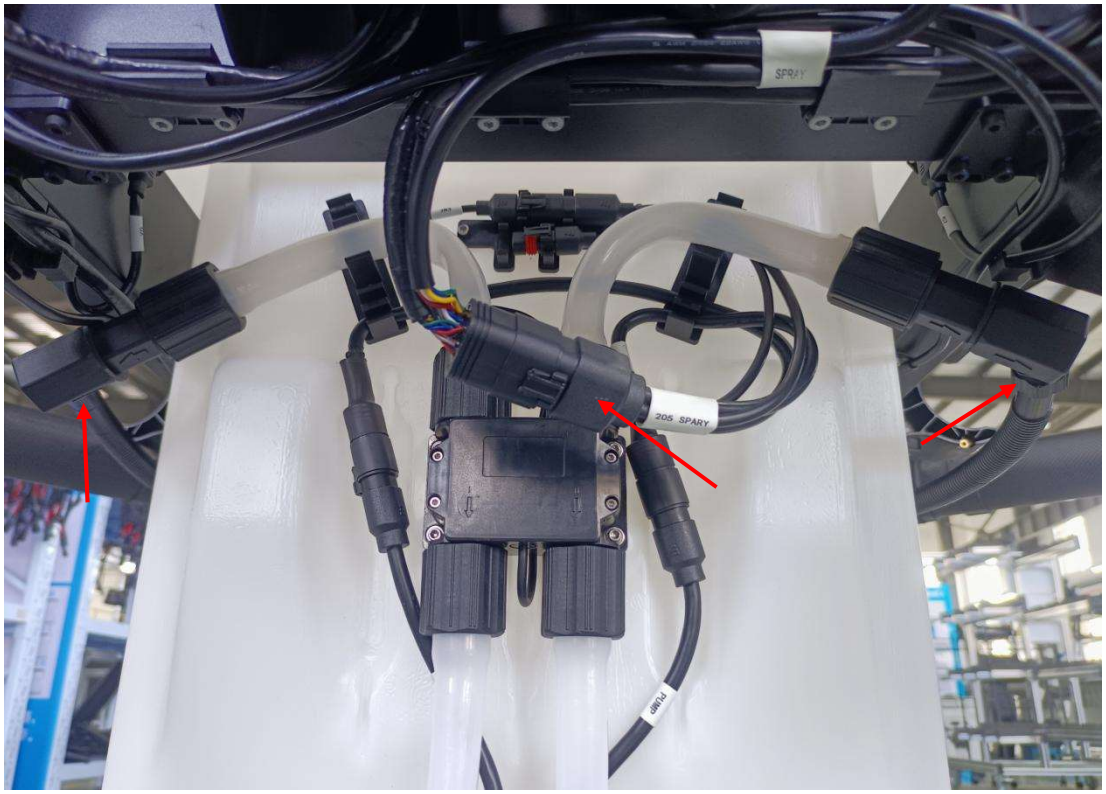


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, release the clip of the 205 SPRAY harness and disconnect it. 2. As shown in Figure 1, remove the pipe connection nuts on the left and right. 3. Slowly lift the water tank assembly up and back, while checking whether the check-valve elbow clears the longitudinal beam of the frame.
Part Numbers	● Water tank body 73.5L V6.0 Y10201037 ● Solenoid-valve pipe connection nut V6.0 Y10201013

Precautions	1. When removing the water tank assembly, make sure the elbow does not snag other module harnesses; if it does, push them aside with one hand, then slowly move the assembly back and up.

Assembly:

Assembly process	1. Place the water tank assembly back into the frame; with one hand guide the check-valve elbow into the frame crossbeam, taking care not to touch other module harnesses. 2. Align the round groove of the water tank assembly for the load cell with the top of the load cell and set it in place. 3. Connect the left and right pipe connection nuts to the check-valve elbows; 4. Snap the 205 SPRAY harness into the SPRAY harness on the master control side, and secure with the corresponding cable ties.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. After the water tank assembly is installed, gently rock it with both hands to check for any looseness.

6. Ultrasonic flow meter

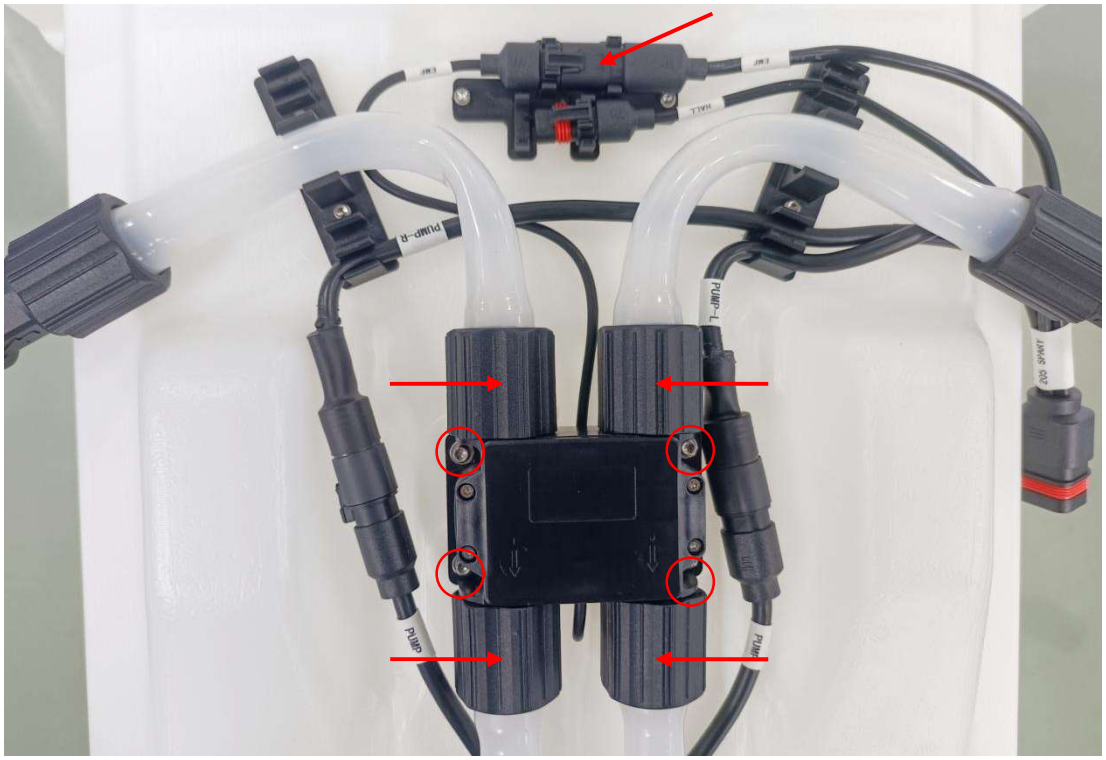


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, take the flow meter EMF harness out of the cable channel and release its clip to disconnect it. 2. As shown in Figure 1, use a 30mm open-end wrench to loosen the water tank pipe fixing nut, then turn the nut easily by hand until it comes off. 3. As shown in Figure 1, use a 2.5mm hex screwdriver to remove the 4 fixing bolts. 4. Remove the flow meter outlet pipes one at a time; rock each side to side and pull it outward. 5. Then remove the flow meter; rock it back and forth and pull it outward.
Part Numbers	● Ultrasonic flow meter V6.0 Y20800179 ● Water tank pipe fixing nut V6.0 Y10201004 ● Hex socket cap bolt M3x16
Precautions	1. Facing the water tank pipe fixing nuts: turn the lower two nuts counterclockwise to remove them, and the upper two nuts in the opposite direction (clockwise).

Assembly:

Assembly process	1. Rock the flow meter downward and back and forth while inserting it fully into the left and right pump outlet pipes. 2. The flow meter's left-rear outlet pipe can be installed fully on its own; note the left/right orientation. 3. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M3x16 bolts and tighten them in sequence. 4. First turn the water tank pipe fixing nuts by hand, then tighten them with a 30mm open-end wrench. 5. Connect the flow meter EMF harness and seat the connector into its slot.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Install the flow meter with the arrow on its housing pointing downward (toward the ground). 2. The water tank pipe fixing nut only needs to make contact with the wall of the flow meter housing.

7. Load cell module

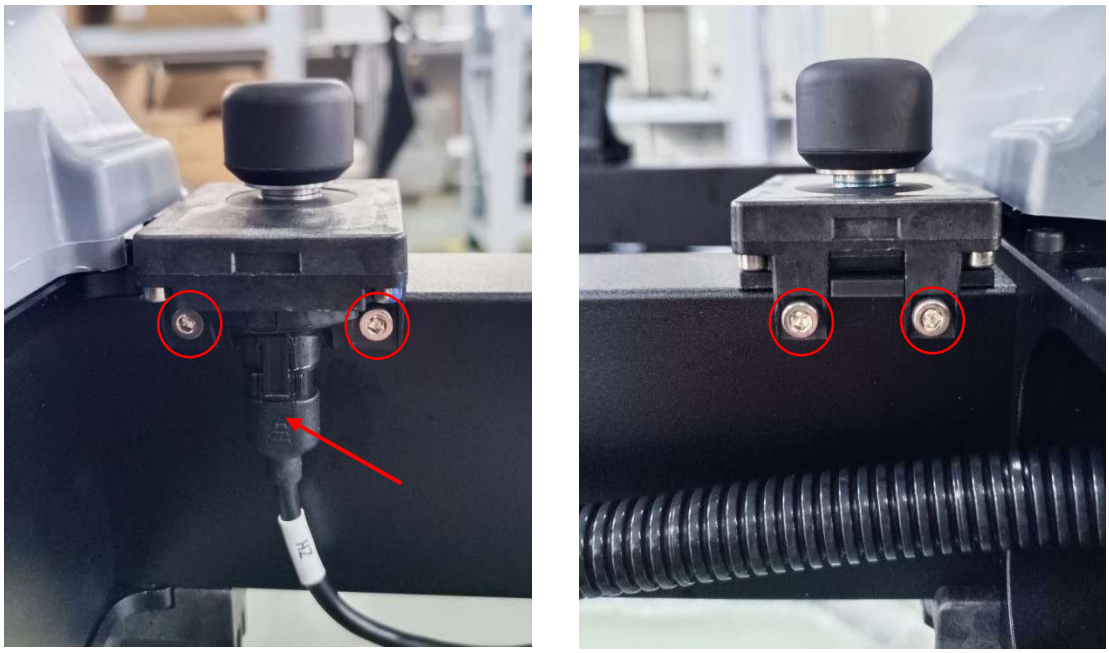


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, release the clip of the load cell HZ harness and disconnect it.

	2. As shown in Figure 1, use a 3mm hex screwdriver to remove the 4 fixing bolts.
Part Numbers	● Load cell module V6.0 B20100279 ● Hex socket cap bolt M4x12 4 pcs
Precautions	/

Assembly:

Assembly process	1. With the load cell harness connector facing inward, place it over the corresponding holes. 2. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M4x12 bolts and tighten them in sequence. 3. Connect the load cell HZ harness and secure the clip.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	/

8. Pump assembly

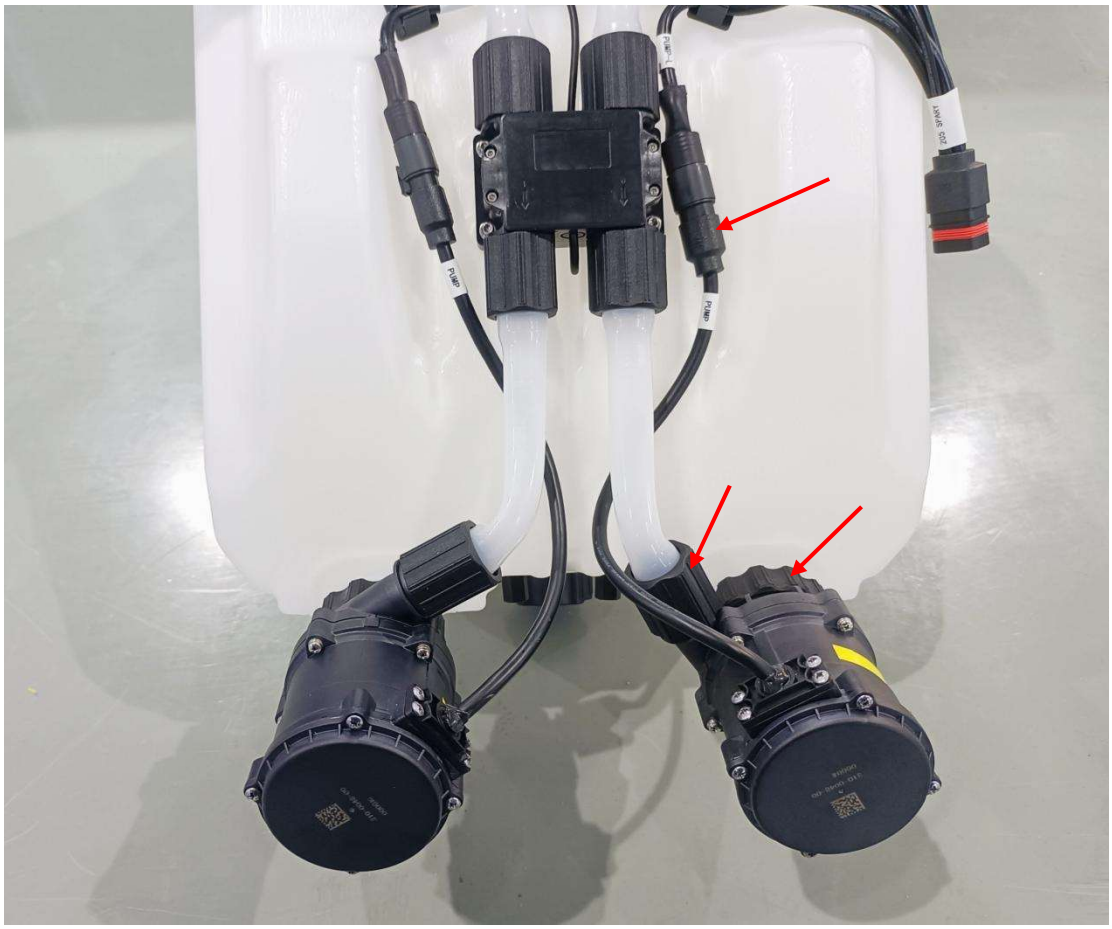


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, release the clip of the pump assembly PUMP harness and disconnect it. 2. As shown in Figure 1, facing the water tank pipe fixing nut, turn it counterclockwise to remove it. 3. As shown in Figure 1, facing the pump assembly fixing nut, turn it clockwise to remove it.
Part Numbers	● Pump assembly V6.0 B20100266 ● Water tank pipe fixing nut V6.0 Y10201004
Precautions	/

Assembly:

Assembly process	1. Insert the pump assembly outlet into the outlet pipe first, then seat the inlet fully into the corresponding slot of the water tank; facing the pump assembly fixing nut, turn it counterclockwise to install. 2. Check that the water tank pipe is unobstructed, then, facing the fixing nut, turn it clockwise to install. 3. Connect the pump assembly PUMP harness and secure the clip.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	/

9. Hall level gauge



Figure 1



Figure 2



Figure 3

Disassembly:

Disassembly process	1. As shown in Figure 1, release the clip of the level gauge HALL harness and disconnect it. 2. As shown in Figure 2, use a 2.5mm hex screwdriver to remove the 2 fixing bolts. 3. As shown in Figure 2, turn the plastic nut off by hand and remove the float assembly.
Part Numbers	● Hall level gauge ● Hex socket cap head bolt M3x8 Y10500038 ● Magnet rotating bracket fixing nut Y10201045 ● Float assembly ● Rubber ring
Precautions	/

Assembly:

Assembly process	1. Place the level sensor into the module position. 2. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 2 M3x8 bolts and tighten them in sequence. 3. As shown in Figure 3, pass the float assembly through the rubber ring and through the hole inside the water tank, then tighten the plastic nut in sequence on the outside of the tank.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Float assembly orientation: white float at the front, black magnet at the back (at the white round boss).

10. Propeller assembly

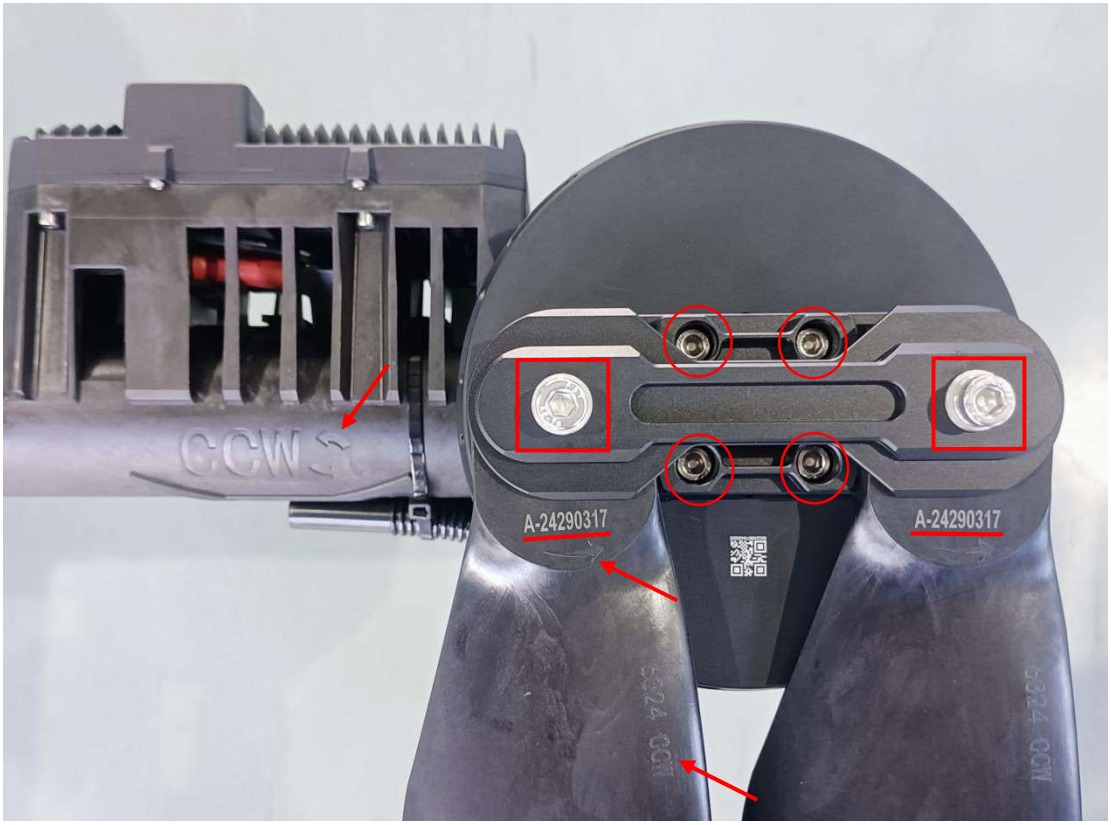


Figure 1

Disassembly:

Disassembly process	1. To replace the propeller assembly (red circle in Figure 1), use a 5mm hex screwdriver to remove the 4 fixing bolts, then lift the propeller assembly upward.

	2. To replace the propeller (red box in Figure 1), use a 6mm hex screwdriver to remove the 2 fixing bolts and separate the propeller clamp.
Part Numbers	● 63-inch CW propeller assembly Y10300133 ● 63-inch CCW propeller assembly Y10300131 ● Propeller clamp seat hex socket bolt M6x12 ● Propeller clamp hex socket bolt M8x20
Precautions	1. When removing the propeller, note that there is 1 washer above and 1 below at the propeller clamp; keep them safe so they are not lost.

Assembly:

Assembly process	1. Install the propeller assembly: place the propeller over the corresponding holes; using a 5mm hex screwdriver, apply 243 blue threadlocker to the 4 M6x12 bolts and tighten them diagonally in sequence. 2. Install the propeller: using a 5mm hex screwdriver, apply 243 blue threadlocker to the 2 M8x20 bolts and tighten them in sequence; the two propellers must be tightened to the same tension.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. When installing the propellers, they must match – e.g. propeller number A-24290317 and propeller model 6324 CCW must be consistent. 2. When installing the propeller assembly, its rotation direction must match the arm's ESC and motor; do not cover the QR code. 3. If the propeller assembly is replaced after a crash, the M6 bolts must be replaced as well to prevent bolt breakage.

11. Motor mount housing

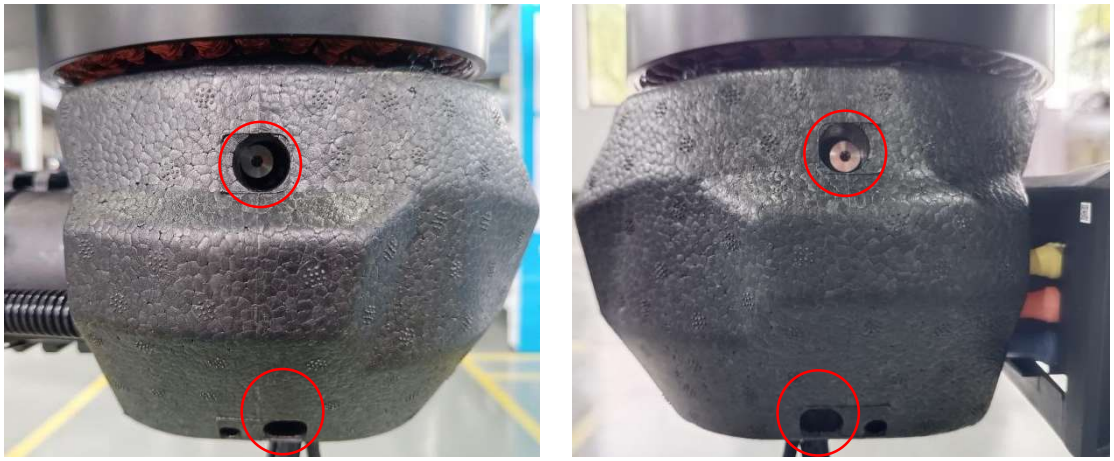


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 2.5mm hex screwdriver to remove the 4 fixing bolts; 2. Gently flex the motor mount housing with both hands and slide it outward to remove it.
Part Numbers	● Motor mount housing ● M3 shoulder bolt Y10500481
Precautions	/

Assembly:

Assembly process	1. Gently flex the motor mount housing with both hands and slide it inward, aligning the bolt holes. 2. Using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M3 shoulder bolts and tighten them in sequence.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. The bolt holes are visible through the openings in the motor mount housing; install the shoulder bolts there.

12. Power ESC

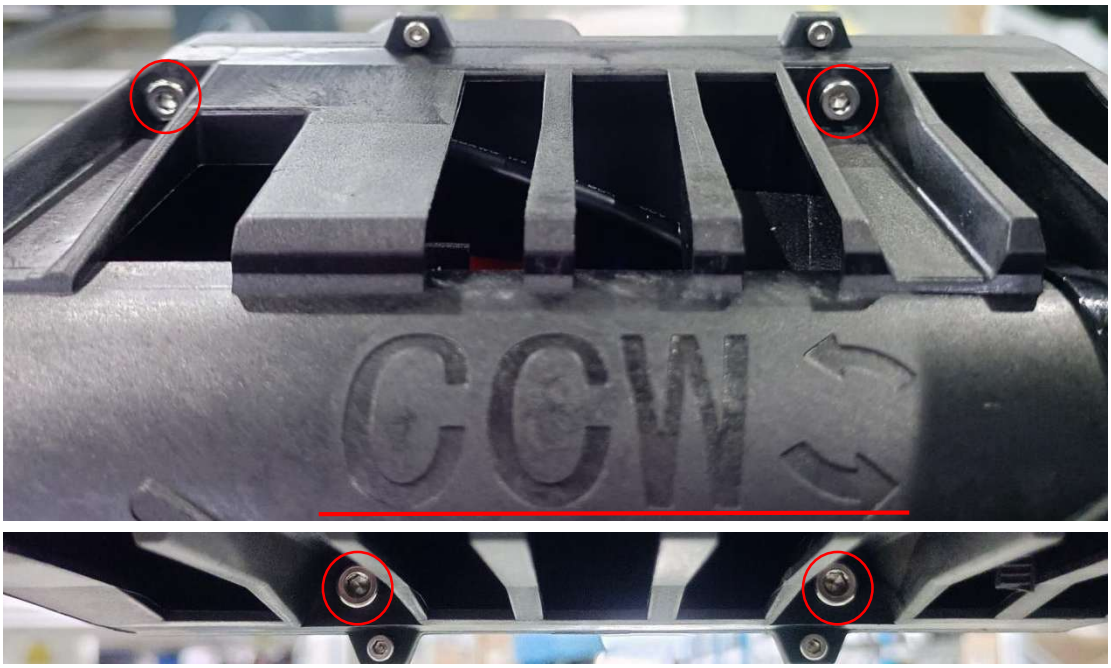


Figure 1

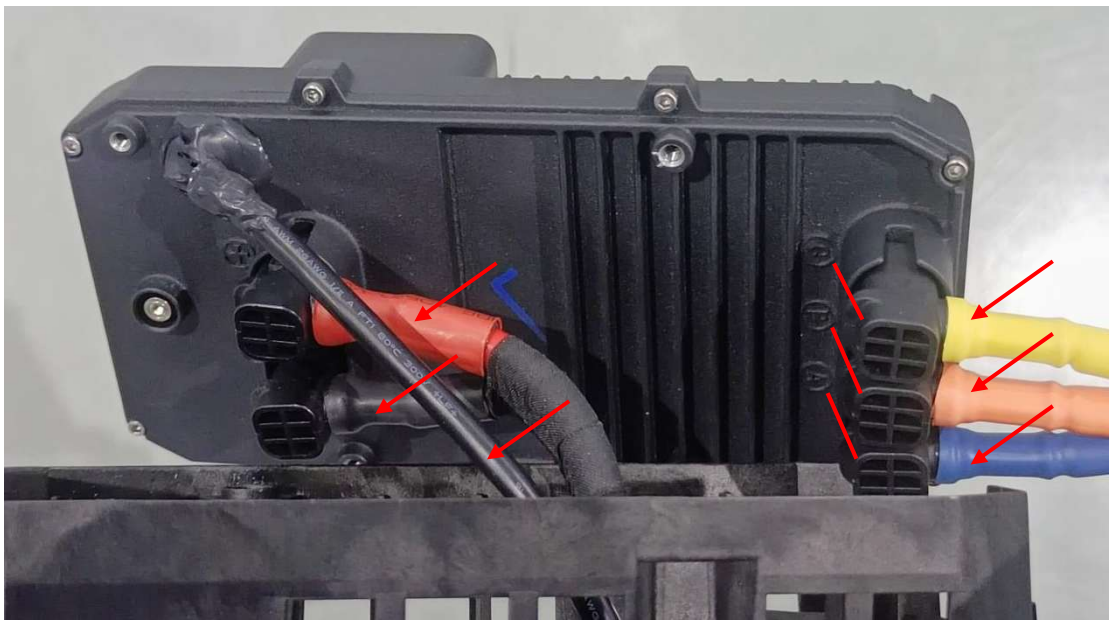


Figure 2

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 3mm hex screwdriver to remove the 4 fixing bolts. 2. As shown in Figure 2, slowly slide the ESC module out of its mounting seat while checking the condition inside. 3. As shown in Figure 2, gently pull the ESC signal harness out through the cable pass-through hole in the arm and separate the harness. 4. As shown in Figure 2, disconnect the ESC power wires and three-phase wires in sequence.
Part Numbers	● Power ESC module ● Hex socket cap bolt M4x10
Precautions	1. Slide the ESC module out slowly to avoid damaging the ESC signal harness and other parts.

Assembly:

Assembly process	1. Check whether the cable pass-through hole is wrapped with tape (wrap tape around the perimeter of the pass-through hole). 2. Motor three-phase wire connection order, as marked by the straight lines in Figures 1 and 2 (CCW: A blue, B orange, C yellow; CW: A blue, B yellow, C orange). 3. For the ESC power harness, the positive red wire corresponds to the "+" silkscreen marking on the ESC, and the negative black wire corresponds to the "–" terminal on the ESC. 4. After the power wires and three-phase wires are correctly connected, tap with a rubber mallet to confirm everything is fully seated. 5. Connect the ESC signal harness normally, push it into the cable pass-through hole, and store it inside the carbon tube. 3. Fit the ESC module into the arm slot; using a 3mm hex screwdriver, apply 243 blue threadlocker to the 4 M4x10 bolts and tighten them in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. Check the wiring order of the ESC power wires and the motor three-phase wires several times – it must not be wrong. 2. Inspect the ESC signal harness for any damage.

13. Power motor

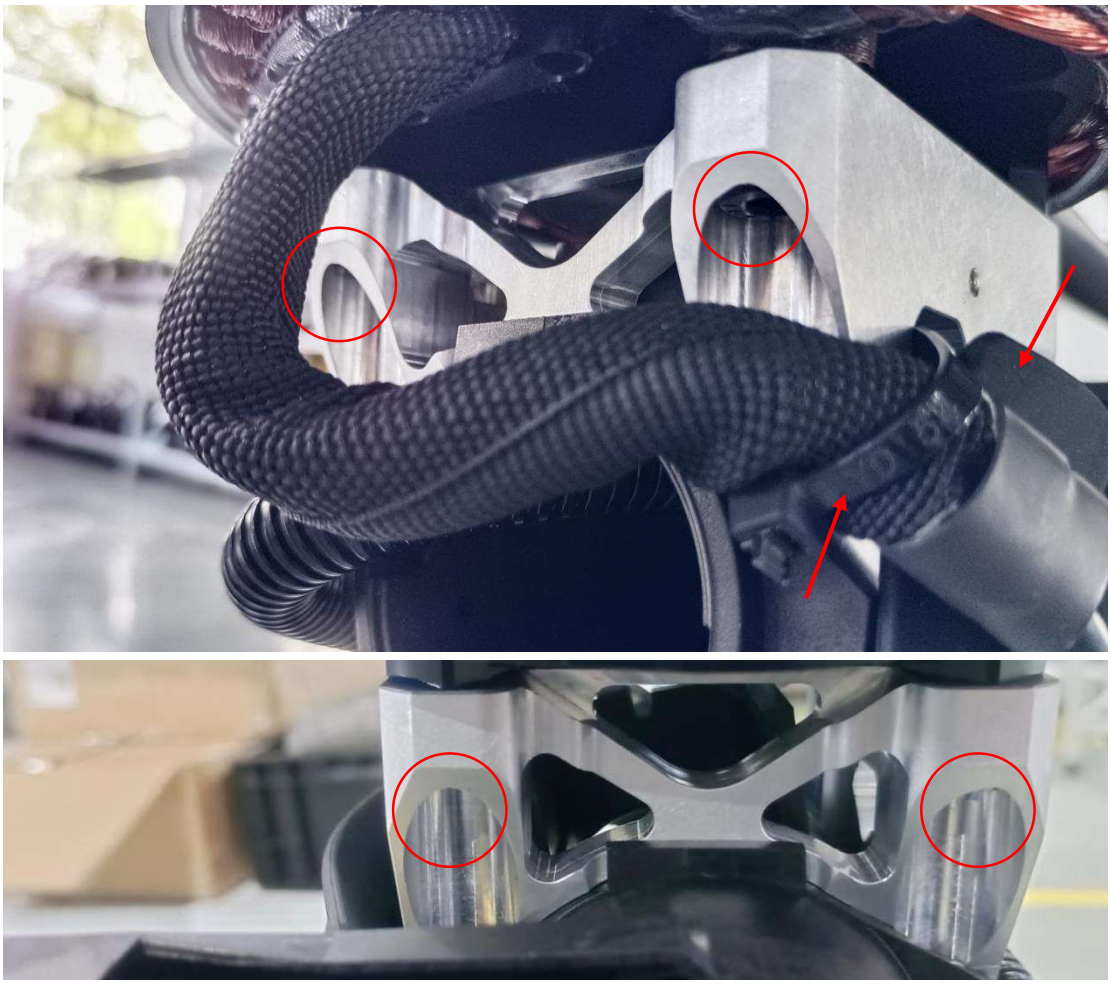


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, cut the cable ties securing the three-phase wires. 2. As shown in Figure 1, use a 6mm hex L-wrench to remove the 4 fixing bolts.
Part Numbers	● CCW motor V6.0 Y20800176 ● Hex socket cap bolt M8x20 ● Rubber pad
Precautions	/

Assembly:

Assembly process	1. Route the motor three-phase harness outward through the center of the motor mount, and place the motor over the corresponding bolt holes.

	2. Using a 6mm hex L-wrench, apply 243 blue threadlocker to the 4 M8x20 fixing bolts and tighten them diagonally in sequence. 3. Install the rubber pad, cable ties, and so on in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. Apply 243 blue threadlocker properly to the M8x20 fixing bolts and check the bolt tightness several times.

14. Motor mount

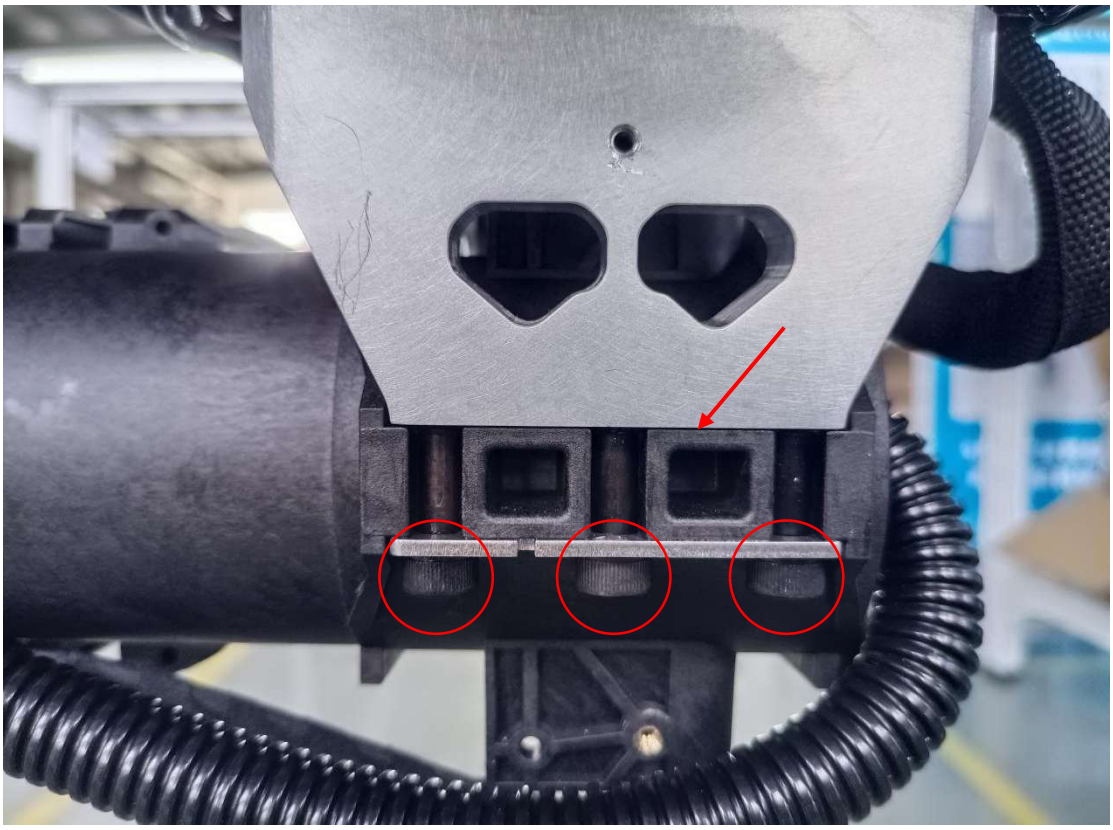


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 5mm hex screwdriver to remove the left and right fixing bolts, 6 in total.
Part Numbers	● Motor mount V6.0 Y10101049 ● Motor mount locking washer V6.0 Y10101050 ● Hex socket half-thread bolt M6x25 Y10500480
Precautions	/

Assembly:

Assembly process	1. Place the motor mount at its installation position on the arm tube and check that it is parallel.

	2. Using a 5mm hex screwdriver, apply 243 blue threadlocker to the 6 M6x25 fixing bolts, pass them through the motor mount locking washers, and tighten the 6 bolts gradually and in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. During installation, check the red arrow marking in Figure 1: the motor mount and its position on the arm tube must not be warped and must be parallel, to avoid an incorrect motor mounting angle. 2. Do not tighten the M6x25 fixing bolts one at a time (tighten them evenly).

15. Rear cover body



Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 2.5mm hex screwdriver to remove the left and right fixing bolts, 4 in total. 2. Start by slowly lifting the rear cover body from the lower left, then lift it over the rear crossbeam, and finally free it completely from the lower right.
Part Numbers	● Rear cover body ● Hex socket cap bolt M3x10
Precautions	1. Disassembly and assembly can begin from either the left or the right side, depending on the actual situation.

Assembly:

Assembly process	1. Install the rear cover body starting from the lower right at a suitable angle, gradually covering the harness above the rear crossbeam, and finally fitting it fully into place at the lower left at a suitable angle. 2. Check that the bolt holes are aligned; using a 2.5mm hex screwdriver, apply 243 blue threadlocker to the 4 M3x10 bolts and tighten them in sequence.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Avoid damaging the rear cover body during disassembly and assembly; it is recommended to check from multiple angles.

16. Rear power distribution board

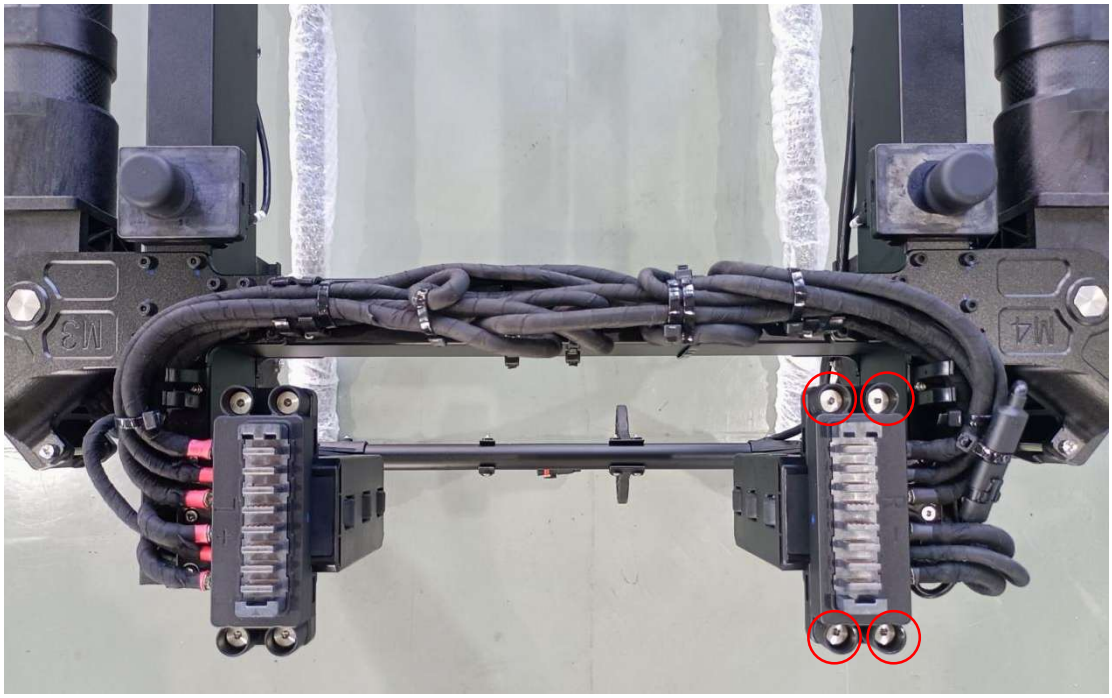


Figure 1

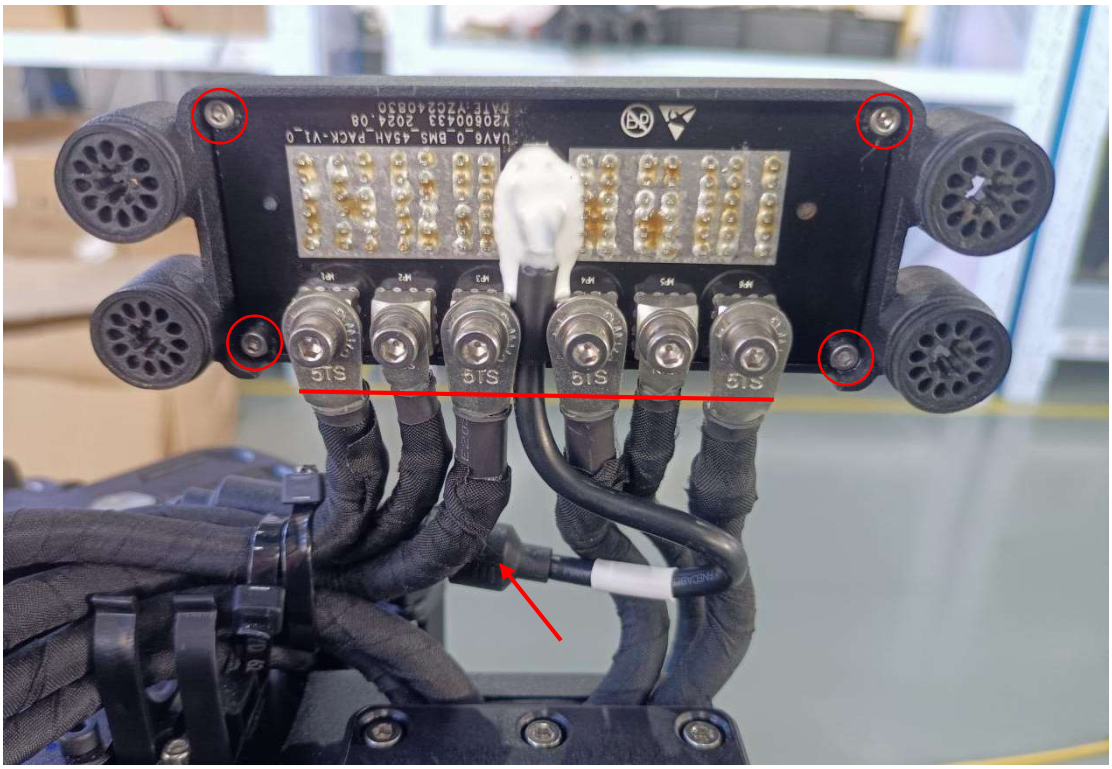


Figure 2

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 3mm hex screwdriver to remove the 4 fixing bolts. 2. As shown in Figure 2, use a 3mm hex screwdriver to remove the 6 M4 fixing bolts. 3. As shown in Figure 2, disconnect the 485 harness of the negative rear power distribution board. 4. With the rear power distribution board assembly removed, remove the rear power distribution board (red circle in Figure 2) using a 2mm hex screwdriver to take out the 4 M2.5 fixing bolts.
Part Numbers	● PCBA_UAV6_0_45AH_PACK+ Y20600435 ● Left connector housing V6.0 Y10101092 ● PCBA_UAV6_0_45AH_PACK- Y20600433 ● Right connector housing V6.0 Y10101093 ● Hex socket cap head screw M2.5x6 Y10500046 ● Hex socket cap head screw M4x10 (flat washer + spring washer)

	● Rear power distribution board damping ball Y10200401 ● M4 shoulder bolt M4x12 Y10500488
Precautions	1. The M2.5 fixing bolts of the rear power distribution board are coated with 263 red threadlocker here; do not force them out or the bolts will break – it is recommended to heat them with a fine-nozzle heat gun before removal.

Assembly:

Assembly process	1. Fit the power distribution board into the corresponding slot and screw holes of the left connector housing. 2. Using a 2mm hex screwdriver, apply 263 red threadlocker to the 4 M2.5x6 fixing bolts and tighten them in sequence. 3. Secure the power wire terminals: using a 3mm hex screwdriver, apply 243 blue threadlocker to the 6 M4x10 spring-washer bolts and tighten them in sequence. See Figure 2 for the arrangement order. 4. Secure the rear power distribution board assembly: using a 3mm hex screwdriver, apply 243 blue threadlocker to the 4 M4x12 shoulder bolts and tighten them in sequence. 5. Connect the 485 harness of the negative rear power distribution board, lock the clip, and secure with cable ties.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. The board housing silkscreen reads "L+"; the positive side of the power distribution board has no signal wire. 2. The board housing silkscreen reads "R-"; the negative side of the power distribution board has a signal wire. 3. The power wire terminals must be perpendicular to the mounting seat. 4. The power wires must be neatly ordered, with no pinching of the wires. After installation, rock the wires side to side by hand; no looseness is allowed.

17. Folding lock

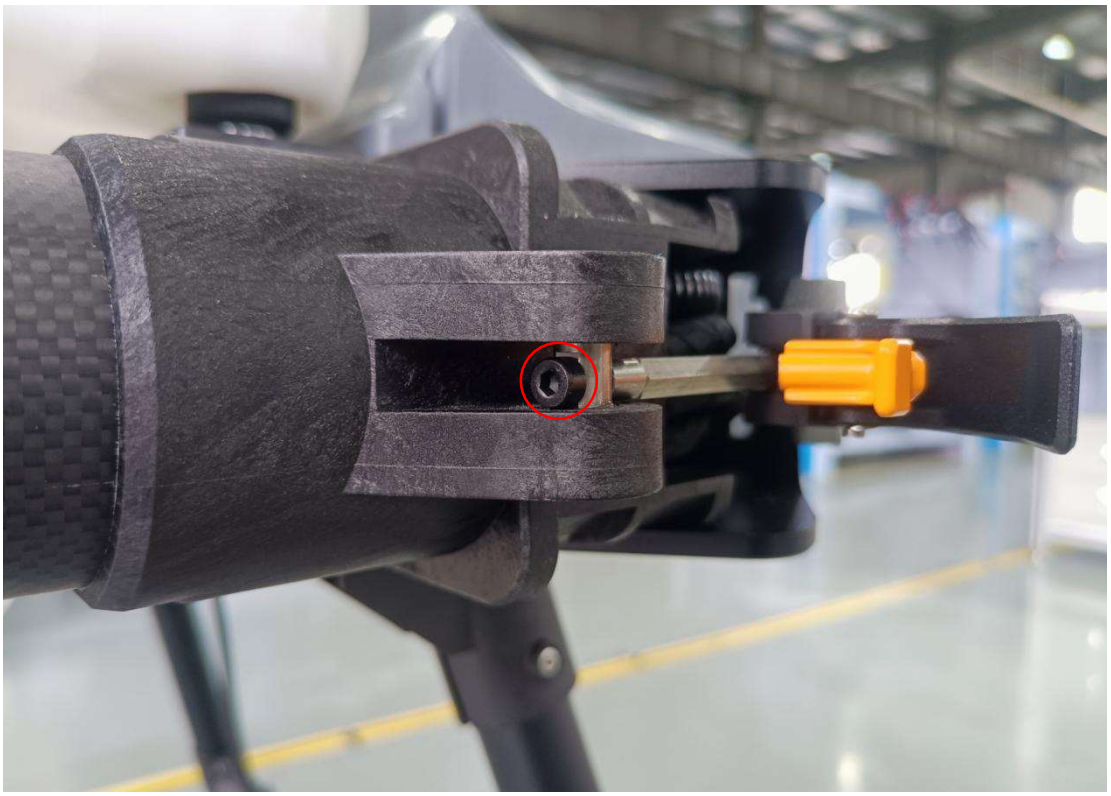


Figure 1

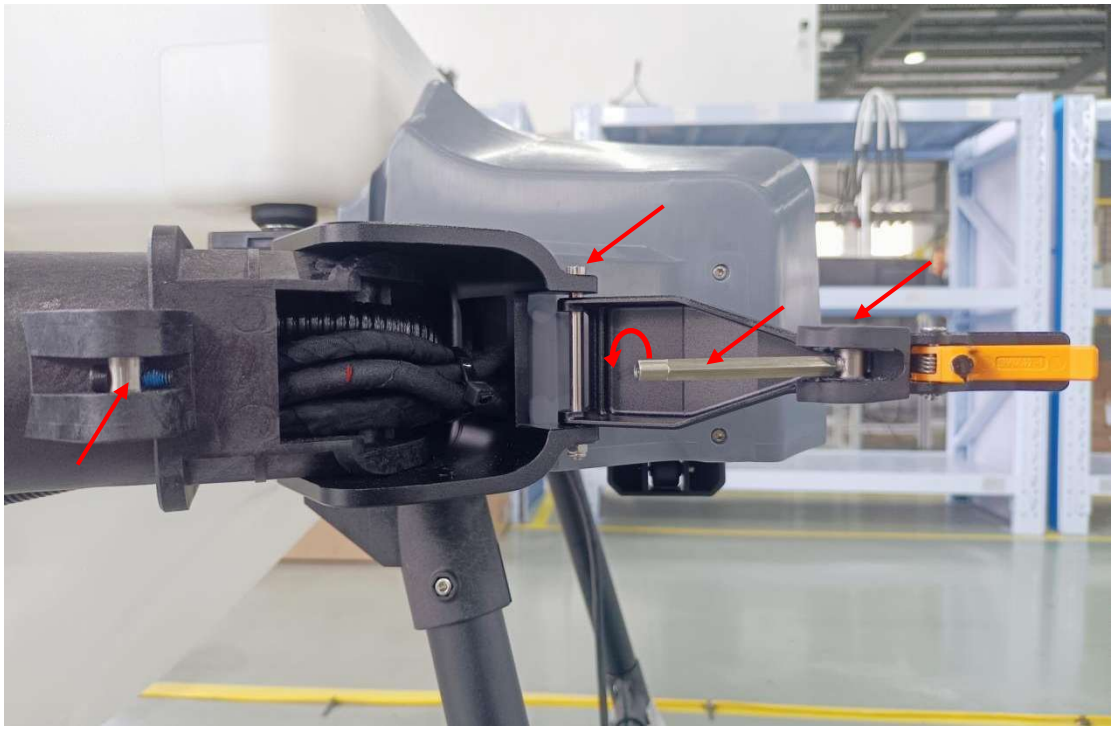


Figure 2

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 3mm hex screwdriver to remove the 1 fixing bolt, then remove the M4x25 cylindrical pin. 2. As shown in Figure 2, use the tip of a hex screwdriver or a 6mm open-end wrench to turn the folding-lock link counterclockwise and remove it (marked by the circular arrow). 3. As shown in Figure 2, use a 3mm hex screwdriver and a 7mm open-end wrench to remove the fixing-part shoulder bolt and the M4 lock nut.
Part Numbers	● Folding lock assembly V6.0 B10000123 ● Fixing-part shoulder bolt V6.0 Y10500448 ● Lock nut M4 Y10500015 ● M4x25 cylindrical pin Y10500445 ● Hex socket cap head bolt M4x14 Y10500382
Precautions	/

Assembly:

Assembly process	1. Pass the fixing-part shoulder bolt through the arm folding fixing part and through the folding lock assembly, apply 243 blue threadlocker, and tighten with the M4 lock nut. 2. Apply 243 blue threadlocker to the folding-lock link and connect it to the cylindrical pin of the folding lock assembly at the appropriate position. 3. Fit into the arm folding latch; using a 3mm hex screwdriver, pass the M4x14 bolt through the 25mm cylindrical pin, apply 243 blue threadlocker, and fasten it to the lock link. 4. Use a 6mm open-end wrench to turn the lock link and adjust the arm folding latch to the appropriate tension.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	1. Before assembly, apply a ring of grease to the 25mm cylindrical pin, the 18mm cylindrical pin, and the fixing-part shoulder bolt, then assemble. (After greasing, make sure the pivot can rotate inside.) 2. The tension of the arm folding latch must be neither too loose nor too tight.

18. Front bracket

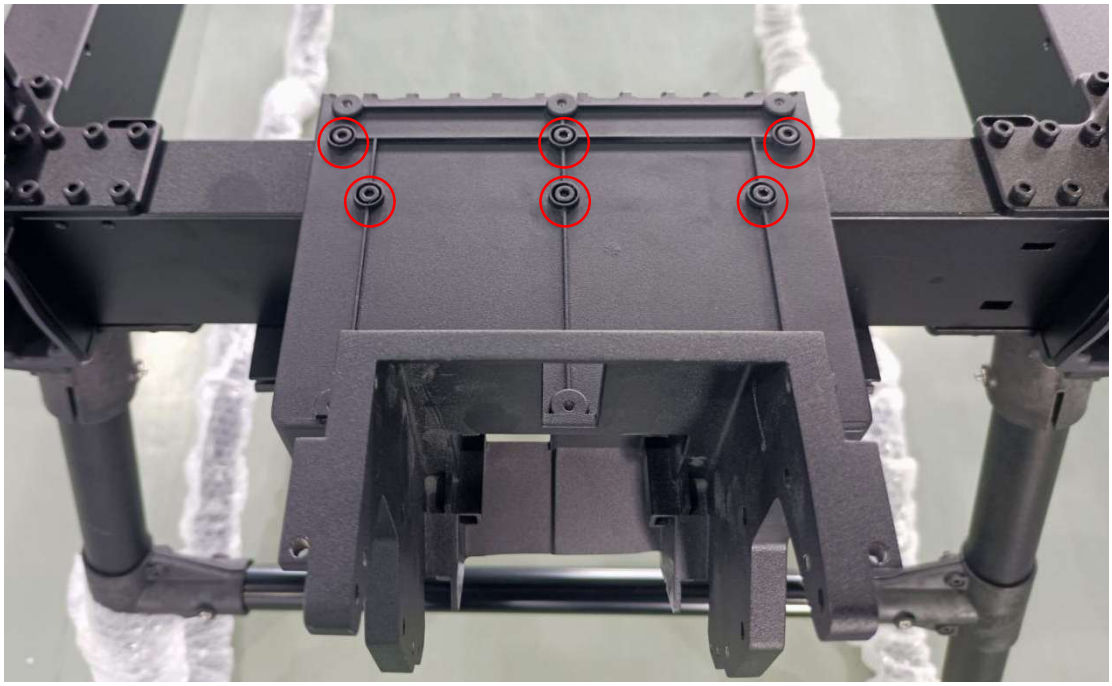


Figure 1



Figure 2

Disassembly:

Disassembly process	1. As shown in Figure 1, remove the 6 M4 fixing bolts on top of the front bracket. 2. As shown in Figure 2, remove the 2 M4 fixing bolts at the front of the front bracket.
Part Numbers	● Front bracket ● Hex socket cap bolt M4x14 8 pcs
Precautions	/

Assembly:

Assembly process	1. Place the front bracket over the corresponding mounting holes on the front crossbeam. 2. Using a 3mm hex screwdriver, apply 243 blue threadlocker to the 6 M4x14 bolts and tighten them diagonally in sequence. Apply 243 blue threadlocker to the 2 lower M4x14 bolts and tighten them in sequence.
Part Numbers	● Refer to “Disassembly – Part Numbers”.
Precautions	/

19. Tripod

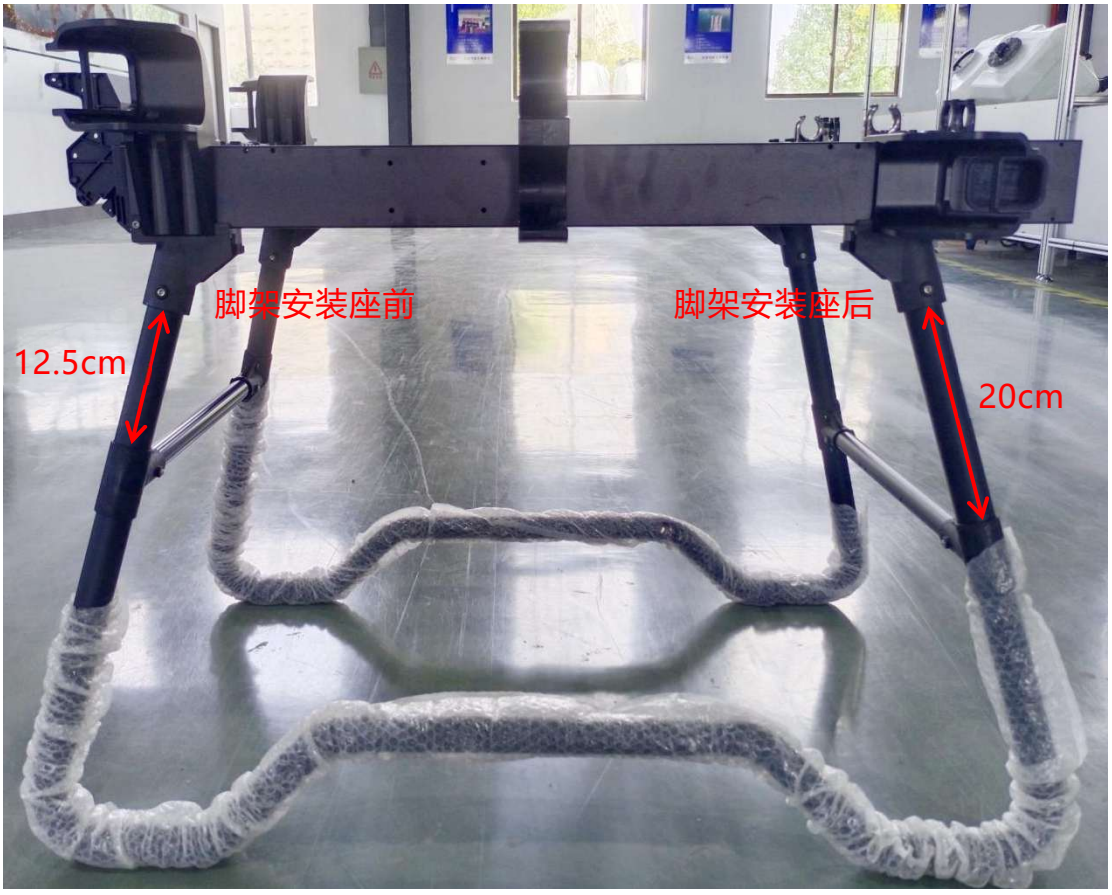


Figure 1

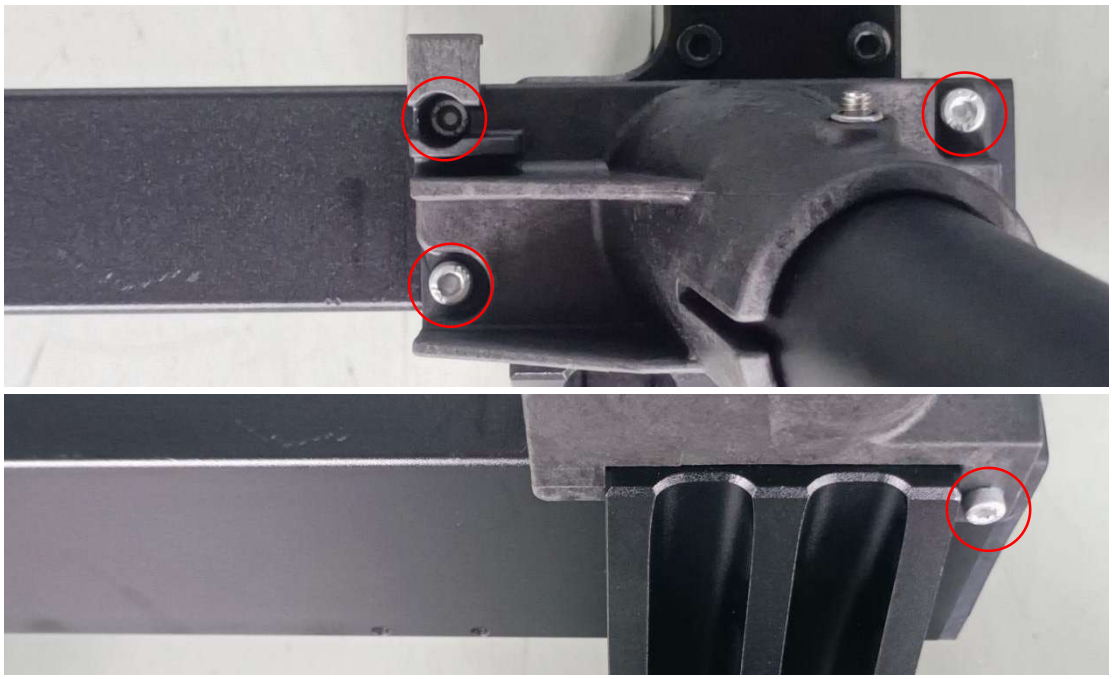


Figure 2 – Front tripod mount

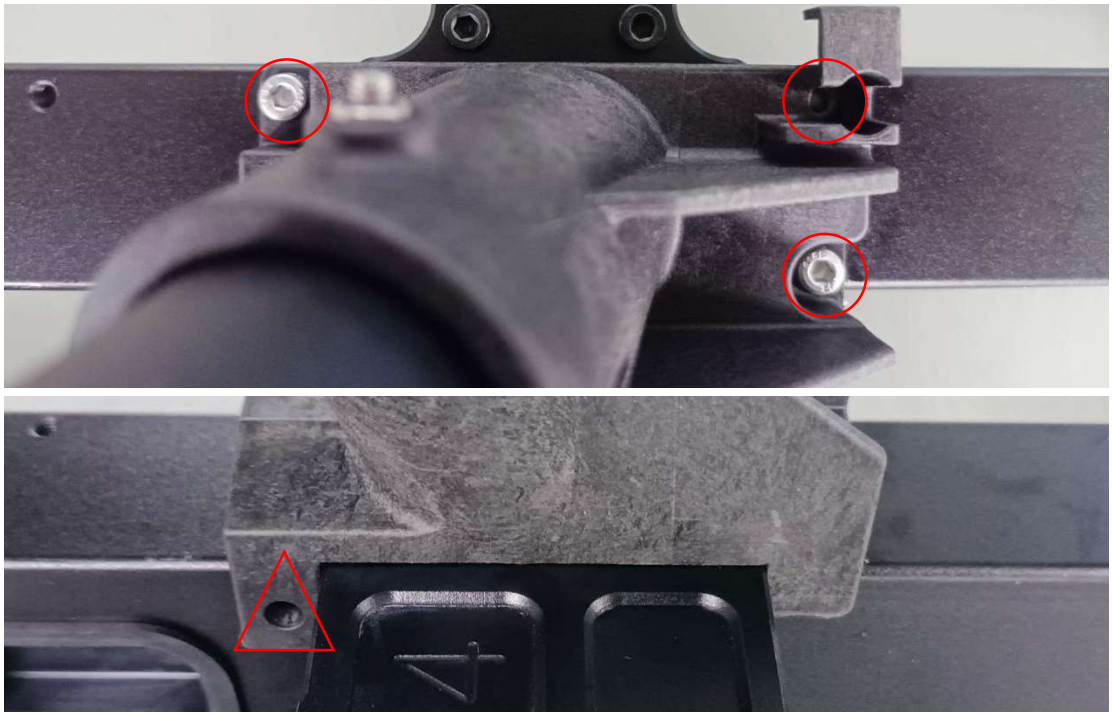


Figure 3 – Rear tripod mount

Disassembly:

Disassembly process	1. As shown in Figure 2 (front tripod mount): using a 3mm hex screwdriver, remove the fixing bolts – 4 per mount; there are 2 front tripod mounts, 8 bolts in total. 2. As shown in Figure 3 (rear tripod mount): using a 3mm hex screwdriver, remove the fixing bolts – 3 per mount; there are 2 rear tripod mounts, 6 bolts in total.
Part Numbers	● Tripod mount I V6.0 Y10200998 ● Tripod mount II V6.0 Y10201000 ● Hex socket cap head bolt M4x12 Y10500214
Precautions	1. As shown in Figure 2, there is no fixing bolt at the triangle mark.

Assembly:

Assembly process	1. Place the crossbeam/longitudinal-beam assembly onto the corresponding slots of the tripod mounts and check that all screw holes are aligned. 2. Using a 3mm hex screwdriver, apply 243 blue threadlocker to the 14 M4x12 bolts and tighten them in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. When installing the tripod, level it carefully so that it does not wobble. 2. As shown in Figure 1, the distance from the top of the tee mount of the front tripod strut to the bottom of the tripod mount is 12.5 cm. 3. As shown in Figure 1, the distance from the top of the tee mount of the rear tripod strut to the bottom of the tripod mount is 20 cm.

20. Crossbeam

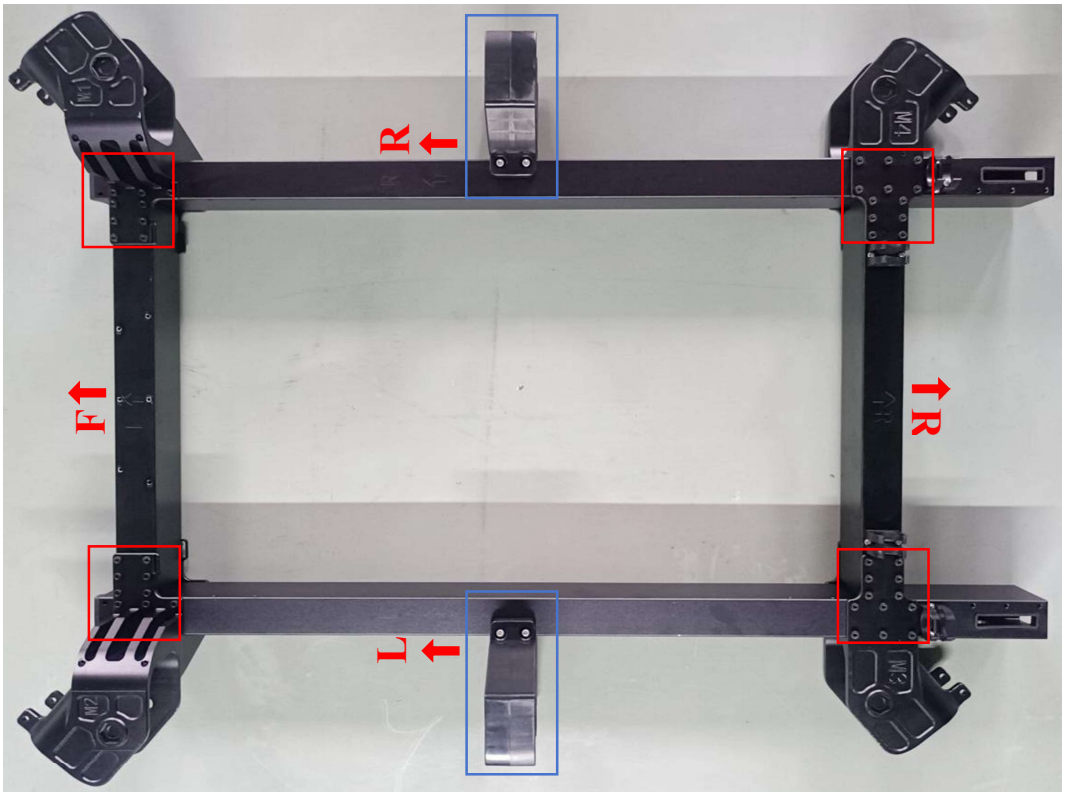


Figure 1 – Crossbeam, top

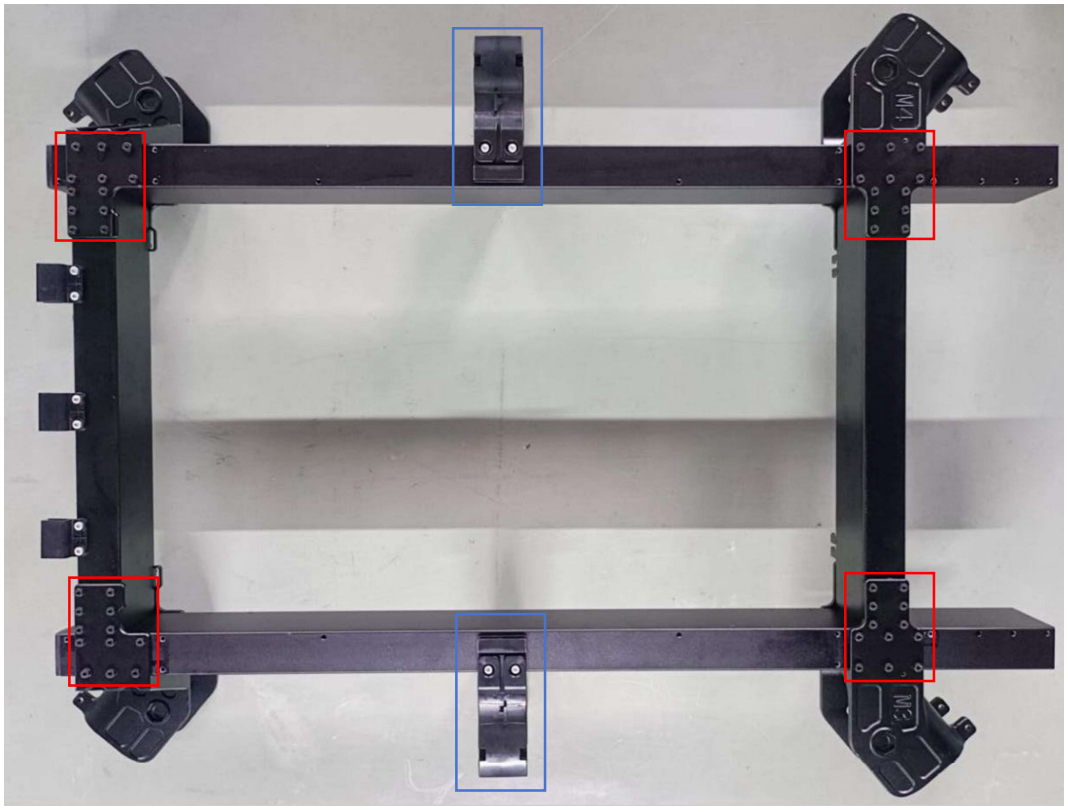


Figure 2 – Crossbeam, bottom

Disassembly:

Disassembly process	1. As shown in Figure 1 (crossbeam, top), use a 3mm hex screwdriver to remove the 48 fixing bolts. 2. As shown in Figure 2 (crossbeam, bottom), use a 3mm hex screwdriver to remove the 48 fixing bolts.
Part Numbers	● Left front folding fixing part V6.0 Y10101057 ● Right front folding fixing part V6.0 Y10101058 ● Rear folding fixing part V6.0 Y10101059 ● Front crossbeam 6.0 Y10100962 ● Rear crossbeam 6.0 Y10100963 ● Left longitudinal beam 6.0 Y10300126 ● Right longitudinal beam 6.0 Y10300127 ● Hex socket cap head bolt M4x14 Y10500382
Precautions	/

Assembly:

Assembly process	1. As indicated by the red arrows and red letters in Figure 1, assemble the front crossbeam (F), rear crossbeam (R), left longitudinal beam (L), and right longitudinal beam (R) into a frame. 2. Connect and secure them with the folding fixing parts, using fixing bolt Y10500382 – 24 bolts per folding fixing part (including the screws on both the front and back). 3. Using a 3mm hex screwdriver, apply 243 blue threadlocker to the 96 M4x12 bolts and tighten them in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. The folding fixing parts, crossbeams, and longitudinal beams must not be installed in the wrong order; refer to the markings in Figure 1. 2. Pre-install the fixing bolts first (just snug enough that they do not fall out), then fully tighten them all at the end; mark them with a marker pen to confirm proper fastening and to detect any loose bolts.

21. Arm slot

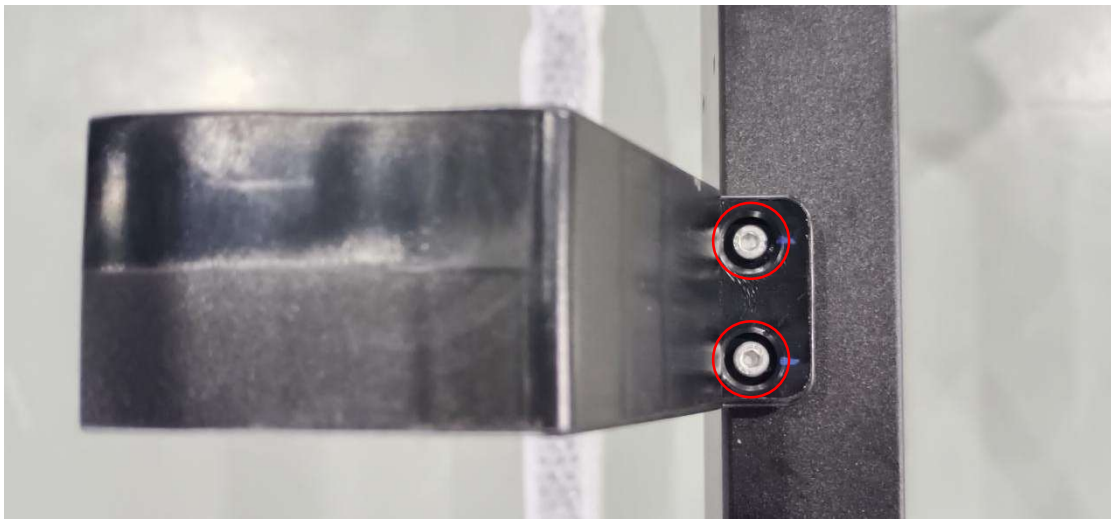


Figure 1

Disassembly:

Disassembly process	1. As shown in Figure 1, use a 3mm hex screwdriver to remove the fixing bolts – 2 at a time; 8 in total on the top, bottom, left, and right. Refer to the blue top/bottom markings in the crossbeam illustration.
Part Numbers	● Arm semicircular slot V6.0 ● Hex socket cap head bolt M4x12 Y10500214
Precautions	/

Assembly:

Assembly process	1. Place the arm slot at the position of the left and right longitudinal beams and align the screw holes. 2. Using a 3mm hex screwdriver, apply 243 blue threadlocker to the 8 M4x12 bolts and tighten them in sequence.
Part Numbers	● Refer to "Disassembly – Part Numbers".
Precautions	1. The upper semicircle of the arm slot goes above the longitudinal beam; do not install it incorrectly.