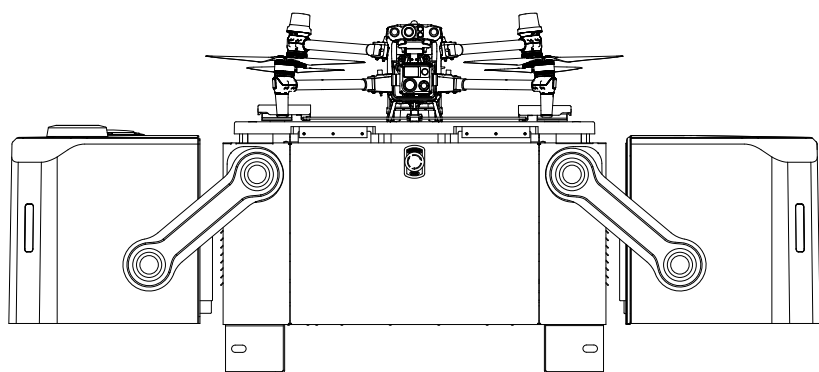


# **dji** MATRICE 30 SERIES

## Dock Bundle

### Maintenance Manual

v1.0 2023.07





This document is copyrighted by DJI with all rights reserved. Unless otherwise authorized by DJI, you are not eligible to use or allow others to use the document or any part of the document by reproducing, transferring, or selling the document. Users should only refer to this document and the content thereof as instructions to operate DJI UAV. The document should not be used for other purposes.

### **Searching for Keywords**

Search for keywords such as Battery or Install to find a topic. If you are using Adobe Acrobat Reader to read this document, press Ctrl+F on Windows or Command+F on Mac to begin a search.

### **Navigating to a Topic**

View a complete list of topics in the table of contents. Click on a topic to navigate to that section.

### **Printing this Document**

This document supports high resolution printing.

# Contents

<b>Introduction</b>	<b>5</b>
<b>Disclaimer</b>	<b>5</b>
<b>Safety Guidelines</b>	<b>6</b>
Operational Requirements	6
Firmware Update and System Calibration	6
<b>Recommended Maintenance Interval</b>	<b>7</b>
<b>Maintenance Tool List</b>	<b>8</b>
<b>Dock Maintenance</b>	<b>9</b>
Environment Inspection	9
Dock Body Inspection	9
Electrical Cabinet Inspection	10
Dock Cover Inspection	10
Dock Covers	10
Dock Cover Arms	12
Wind Speed Gauge Module and Rainfall Gauge	12
Landing Pad Inspection	13
Landing Pad Surface	13
The Back of the Landing Pad	14
Lower Compartment Inspection	14
Lower Compartment Assembly	14
External Circulating Fan	15
External Circulating Vents	16
Lower Compartment Drain	17
Emergency Stop Button Inspection	17
<b>Aircraft Maintenance</b>	<b>18</b>
Aircraft Body Inspection	18
Propulsion System	19
Frame Arms	19
Motors	20
Propellers and Propeller Adapters	21
Landing Gear	22
Gimbal Camera	22

Infrared Sensing and Vision Systems, Auxiliary Lights, and Beacons	23
Aircraft Ports	24
Checklist Before Leaving	25
Intelligent Flight Battery	26
Battery Maintenance	26
Battery Replacement Standard	26
Battery Disposal	26
Battery Usage Warnings	26
<b>List of Wearing Parts</b>	<b>27</b>
Wearing Parts of the Dock	27
Wearing Parts of the Aircraft	27
<b>DJI Maintenance Program</b>	<b>28</b>
DJI FlightHub 2	28
DJI Pilot 2	30
<b>After-Sales Service</b>	<b>32</b>



## Introduction

The Maintenance Manual offers guidelines to help you in the daily upkeep and maintenance of the dock and the aircraft, and also provides after-sales service information.

This document will focus on the maintenance instructions. Read the User Manual and Maintenance Manual carefully to optimize user experience. If you have any questions on the maintenance operations, contact DJI Support.

## Disclaimer

Carefully read this entire document and all safe and lawful practices provided by DJI™ before using this product for the first time. Failure to read and follow instructions and warnings may result in serious injury to yourself or others, damage to your DJI product, or damage to other objects in the vicinity. By using this product, you hereby signify that you have read this disclaimer carefully and that you understand and agree to abide by all terms and conditions of this document and all relevant documents of this product. You agree to use this product only for purposes that are proper. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. DJI accepts no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product.

DJI is a trademark of SZ DJI TECHNOLOGY CO., LTD. (abbreviated as “DJI”) and its affiliated companies. Names of products, brands, etc., appearing in this document are trademarks or registered trademarks of their respective owner companies. This product and document are copyrighted by DJI with all rights reserved. No part of this product or document shall be reproduced in any form without the prior written consent or authorization of DJI. This disclaimer is available in various languages. In the event of divergence among different versions, the English version shall prevail. The final interpretation of this document and all related documents of this product belongs to DJI. This content is subject to change without prior notice. For up to date product information, visit <http://www.dji.com> and click on the product page for this product.

# Safety Guidelines

Before use, read the Safety Guidelines, User Manual, and Maintenance Manual carefully.

## Operational Requirements


- Make sure to perform the maintenance procedure in accordance with the steps in this manual.
- Measure the voltage on the contact points of the conductors and make sure there is no risk of electric shock before touching any conductor surfaces or terminals. The dock must be powered off before maintenance.
- In order to avoid an electric shock, DO NOT use any tools that are not insulated, such as a screwdriver with a bare metal handle.
- Make sure to wear protective equipment when performing maintenance, such as a safety helmet, goggles, insulated gloves, and insulated shoes.
- Make sure the dock is powered off before checking the movable parts of the dock, such as the fan of the air conditioning system, the dock cover, and the driving rods to avoid injury.
- Before conducting on-site maintenance, make sure that there is no flight plan to be executed on DJI FlightHub 2 and that the aircraft has landed inside the dock. Make sure to press the emergency stop button on the dock before any operations. When using the DJI RC Plus remote controller for on site testing, make sure to connect the remote controller to the dock before releasing the emergency stop buttons.

## Firmware Update and System Calibration

Update the firmware of the dock, the aircraft, and the Intelligent Flight Batteries to the latest version. If the update fails, restart the device and try again, or use DJI ASSISTANT™ 2 (Enterprise Series) to update the firmware. Contact DJI Support if the issue persists. It is recommended to perform aircraft calibration every six months to keep the aircraft in good condition.

List of Aircraft Calibration:

No.	Category
1	IMU calibration
2	Compass Calibration
3	Vision System Calibration
4	Gimbal Calibration

- 
- Visit <https://www.dji.com/matrice-30/downloads> and refer to the Matrice 30 Series User Manual for more information on aircraft calibration.
  - Aircraft calibration is performed in DJI Pilot 2 App. Make sure to link the aircraft to the DJI RC Plus remote controller when calibrating the aircraft.

## Recommended Maintenance Interval

It is recommended to perform inspection and maintenance regularly following the listed standards to keep the dock and the aircraft in a good condition and reduce safety risks.

Product	Service Type	Maintenance Items	Maintenance Advice	Maintenance Interval <sup>[1]</sup>
Dock	Standard	Environment inspection, dock appearance and parts inspection, testing and cleaning	Based on actual use or contact a DJI authorized service provider	Per half year <sup>[2]</sup> / Per 1500 flights
	Premium	Standard maintenance items and replacement of wearing parts	Contact a DJI authorized service provider	Per year <sup>[2]</sup> / Per 3000 flights
Aircraft	Basic	Deep cleaning, parts inspection, updates and calibrations	Recommend factory service or contact a DJI authorized service provider	Based on actual use. It is recommended to perform basic maintenance for the aircraft when performing standard maintenance for the dock
	Standard	Deep cleaning, parts inspection, updates and calibrations, and replacement of wearing parts	Recommend factory service	Per 300-hour flights / Per year <sup>[2]</sup> / Per 1000 flights
	Premium	Deep cleaning, parts inspection, updates and calibrations, and replacement of wearing parts and the propulsion system	Recommend factory service	Per 900-hour flights / Per three years <sup>[2]</sup> / Per 3000 flights

[1] The activation time, flight hours, or number of flights specified in the maintenance interval shall be whichever comes first.

[2] Per half year / Per year / Per three years expresses the device activation time.



- DJI Enterprise may adjust the above maintenance services accordingly in different areas. Please contact authorized dealers or DJI Support for the latest information.
- If the dock is installed in harsh environments, including but not limited to sandy or dusty environments, environments with high salinity, high temperature, high humidity, with pollutants nearby such as chemical plants, lumber mills, sewage treatment plants, or with many willow catkins the maintenance interval should be shortened to 3 months.

# Maintenance Tool List

Adjustable Wrench



Screws and Tools



Triangular Key



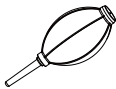
DJI RC Plus Remote Controller



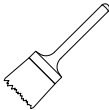
USB-C Cable



Dust Blower



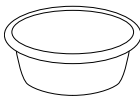
Soft Brush



Stiff Brush



Water Container



Dry Cloth



# Dock Maintenance

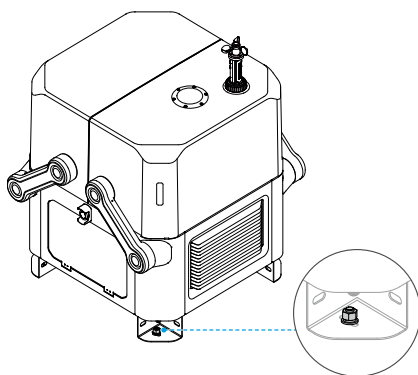
## Environment Inspection

To ensure flight safety, it is recommended to regularly check the environment near the dock as follows:

1. Clear animal or plant damages that might affect normal operation of the dock, such as weeds, trees, ant nests, and rat holes.
2. Check if there are new buildings near the dock that may block the signal. Select another location to install the dock if the signal obstruction becomes strong.
3. Check the ground conditions near the dock, and make sure to clear hidden risks that may cause water immersion or inclination of the dock.
4. Check the environment near the alternate landing site, and clear debris that might affect the aircraft landing.

## Dock Body Inspection

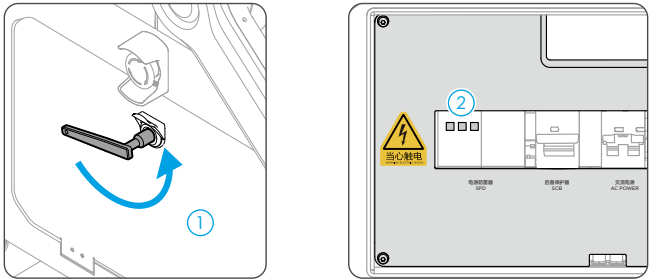
1. Clean the dock shell with a soft, dry cloth and make sure the dock shell is clear of dirt or foreign matter.
2. If there is any noticable damage or deformation, contact a DJI authorized service provider in time.
3. Make sure the four expansion bolts are securely mounted. If loosened, tighten the bolts using an adjustable wrench to ensure that the dock is securely installed.



## Electrical Cabinet Inspection

- 1. Open the electrical cabinet door using the triangular key.
- 2. Check the SPD trip indicator. Contact an authorized service provider to replace and repair the SPD if the indicator turns red.
- 3. Make sure the surge protector circuit breaker (SCB), the AC power switch, and the backup battery switch can be turned on/off normally.

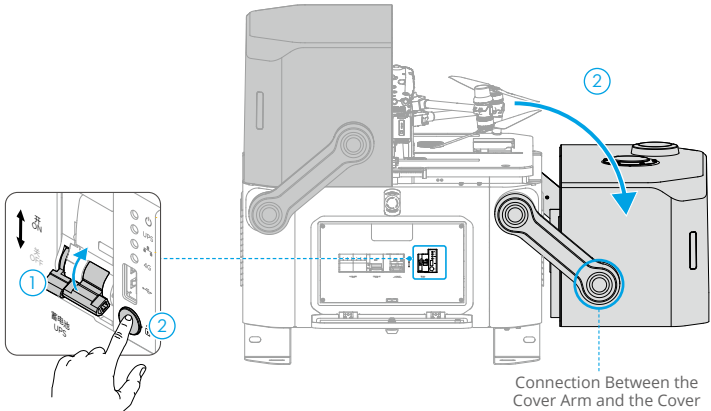
⚠ • Pay attention to safety during operation in order to avoid an electric shock.



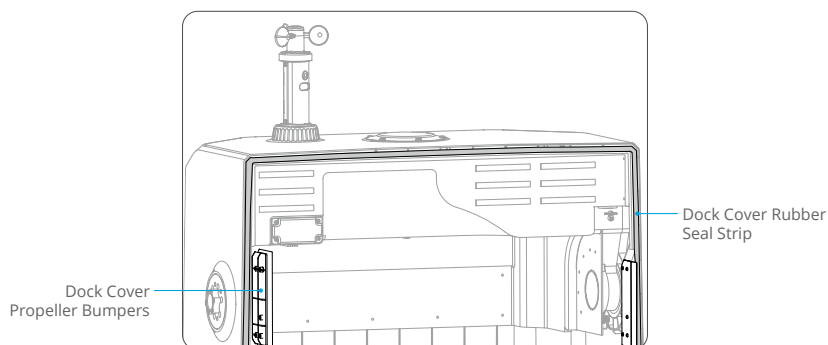
## Dock Cover Inspection

### Dock Covers

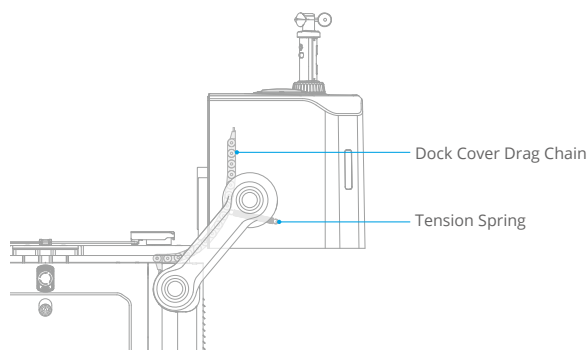
- 1. Power on the dock. Press and hold the manual release button, and then lift and rotate the dock cover arms to open the covers.



2. Make sure that the dock cover rubber seal strip is in good condition and is securely attached to the dock cover.
3. Make sure that the dock cover propeller bumpers are not damaged or deformed, and the screws are securely mounted.



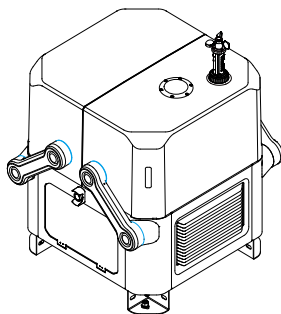
4. Make sure the dock cover drag chains are not broken, the drag chain covers are firmly secured and the cables are not exposed.
5. Make sure the tension springs are not broken.
6. Moisten a soft cloth with clean water or neutral cleaner and clean the dock cover surface, the propeller bumpers, and the drag chains.



- 
- ⚠ • If any of the mentioned parts are broken or damaged, contact a DJI authorized service provider to replace them.
- The dock cover propeller bumpers and the tension springs are wearing parts. Contact a DJI authorized service provider and replace them in time when necessary.
-

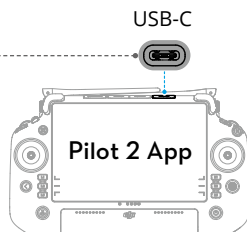
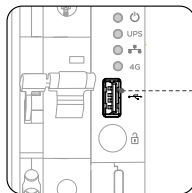
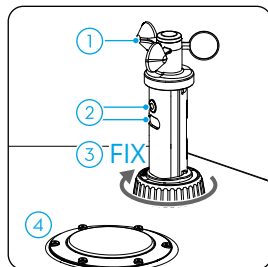
## Dock Cover Arms

1. Press and hold the manual release button, and then lift and rotate the drive arm connected to the dock cover to check whether the dock covers can rotate smoothly without noise.
2. Use a clean soft, dry cloth and a soft brush to clean cover arms and the seams connecting to the dock cover and the lower compartment.



## Wind Speed Gauge Module and Rainfall Gauge

1. Make sure the wind speed gauge and the three wind cups are not broken or cracked, and the wind cups can rotate smoothly without damping.
2. Make sure the glass of the auxiliary lights and the lens of the ultra wide-angle camera are clean and not damaged. Moisten a soft, cloth with clean water or neutral cleaner to clean the glass and the lens.
3. Make sure the wind speed gauge lock sleeve is fixed and the wind speed gauge is securely installed.
4. Make sure the surface of the rainfall gauge is clean and not dented or damaged. Moisten a soft cloth with clean water or neutral cleaner to clean the surface of the rainfall gauge.
5. Connect the DJI RC Plus remote controller to the dock, and run the DJI PILOT™ 2 app.
  - a. Gently rotate the wind cups and check if DJI Pilot 2 displays data.
  - b. Gently tap the surface of the rainfall gauge and check if DJI Pilot 2 displays data.
  - c. Tap Open or Close in the app to test if the dock cover can operate normally.



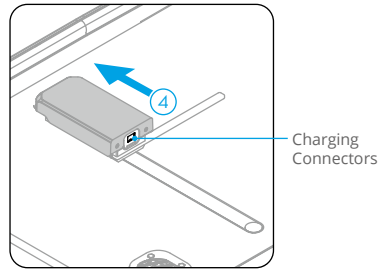
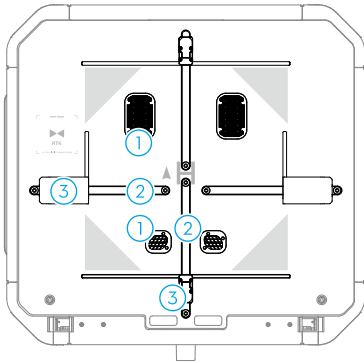
⚠ • If any of the mentioned parts are broken or damaged, contact a DJI authorized service provider to replace them.



## Landing Pad Inspection

### Landing Pad Surface

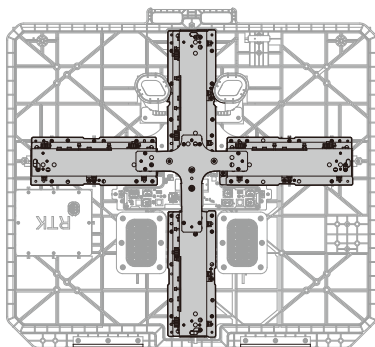
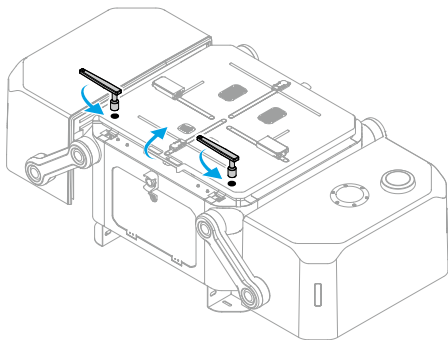
1. Power off the dock, and check if the landing pad, the two return vents, and the two supply vents are deformed, dented, cracked, or broken.
2. Make sure the four landing pad steel belts are not deformed, rusted, or cracked.
3. Make sure the four driving rods are not deformed, rusted, or cracked.
4. Push the left and right driving rods to expose the charging connectors, check if the charging connectors are deformed or rusted.
5. Moisten a soft cloth with water or neutral cleaner to clean the landing pad surface, vents, the driving rods, and charging connectors, and make sure the return vents and the supply vents are clear of foreign matters.
6. Connect the remote controller to the dock, run DJI Pilot 2, and test if the driving rods can move normally.



- ⚠ • If any of the mentioned parts are broken or damaged, contact a DJI authorized service provider to replace them.
- The landing pad steel belts and the charging connectors are wearing parts. Contact a DJI authorized service provider and replace them in time when necessary.

## The Back of the Landing Pad

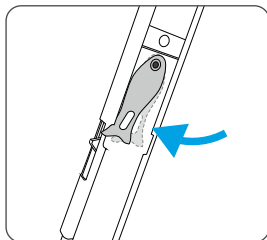
1. Use the triangular key to loosen the two bolts on the landing pad, hold the landing pad edge to lift it up. Make sure the support prop rod is stably holding the landing pad.
2. Check the back of the landing pad, make sure the servos, the rails, and the gears are clean and not corroded, and the cables are not damaged. Use the dust blower to clean the rails and the gears.



## Lower Compartment Inspection

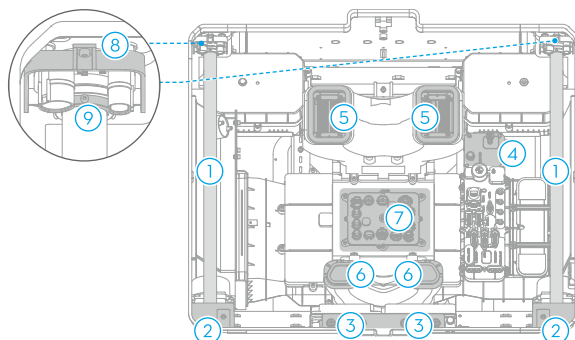
### Lower Compartment Assembly

1. Power off the dock, lift the landing pad to open the lower compartment of the dock.
2. Push the landing pad to secure the support prop rod, and then use a screwdriver to turn the prop rod lock to the locked position. Otherwise, the landing pad may fall and cause injury.



3. Make sure the scale lines on the magnetic ring and the drive shaft are aligned.
4. Make sure the drive shaft, the shaft hole, the motor driver, and the main control module are clear of dirt or foreign matter.
5. Make sure the return vents, the supply vents, the air conditioning controller, and the heaters on the surface of the return vents are clean and not damaged.
6. Moisten a soft cloth and a soft brush with water or neutral cleaner to clean the parts in the lower compartment. Remove the dust using the dust blower. Take care to avoid pulling the cables when cleaning the lower compartment.

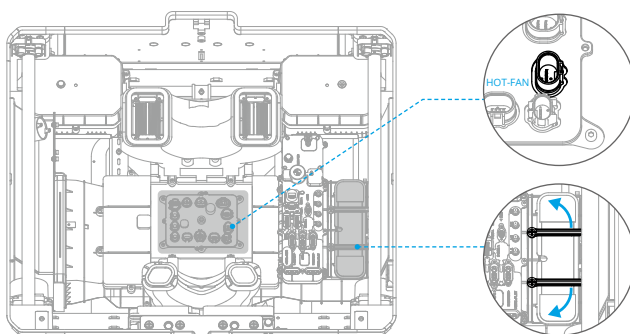
1. Drive Shaft
2. Dock Cover Motor
3. Motor Driver
4. Main Controller Module
5. Return Vent
6. Supply Vent
7. Air Conditioning Controller
8. Position Sensor
9. Magnetic Ring



## External Circulating Fan

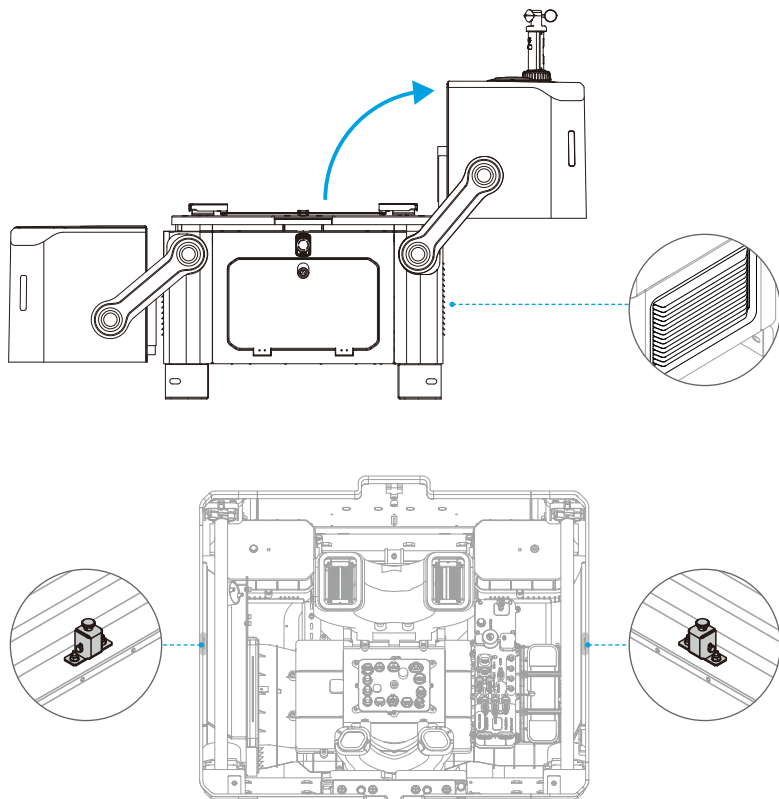
- ⚠** • Make sure that the dock is powered off and the external circulating fan stops spinning before operation.

1. Take photos to record the wiring status of the air conditioning module.
2. As shown in the figure, remove the connection cable of the external circulating fan (HOT-FAN), toggle the lock clips, and then remove the fan.
3. Visually check the fan blades. Gently toggle the blades with a screwdriver to check if the blades can rotate smoothly.
4. Clean the fan using the soft brush and the dust blower.
5. Follow the steps in reverse to install the external circulating fan. Make sure to avoid damaging the connection cable.



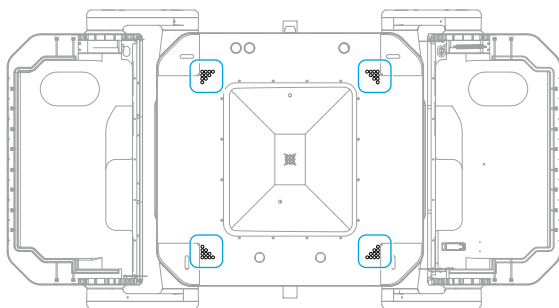
## External Circulating Vents

1. Power on the dock. Press and hold the manual release button, then lift and rotate the dock cover arms to open the cover half way.
2. Power off the dock, use the triangular key to loosen the two bolts on the landing pad, lift the landing pad and open the lower compartment.
3. Lift the latch and remove external circulating vent. Clean the vent using a stiff brush. Repeat step 1-3 to remove and clean the vent on the other side.
4. Mount the vent to the bottom of the outer frame, and then push the vent to lock and fix it in place.



## Lower Compartment Drain

There are four drains at the bottom of the lower compartment. Clean the drains in time if blocked or stagnant water has accumulated. Clean the lower compartment using the soft, dry cloth and the dust blower.

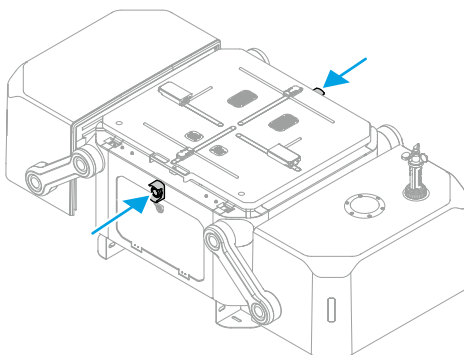


Lower the landing pad and close the lower compartment. Power on the dock, connect the remote controller to the dock, run DJI Pilot 2, open Dock Onsite Debugging page, and tap Cooling or Heating. Check if there is cool air or hot air from the supply vent to test the air conditioning system.

- ⚠ • To ensure the service life of the TEC air conditioning system, a five-minute interval is required when switching between cooling and heating operations. A countdown will appear in the App. Wait for the countdown to end before switching operations.

## Emergency Stop Button Inspection

Make sure the emergency stop buttons can be pressed and released without jamming. Check if the dock cover status indicator blinks red and yellow alternatively after pressing any of the emergency stop buttons.

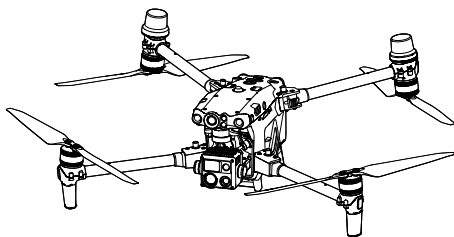


# Aircraft Maintenance

## Aircraft Body Inspection

### Visual Inspection for the Aircraft

1. Make sure the aircraft body is clean and not damaged.
2. Clean the aircraft body with a soft, dry cloth, especially when cleaning the lenses of the infrared sensing and vision systems and the heat dissipation vents.

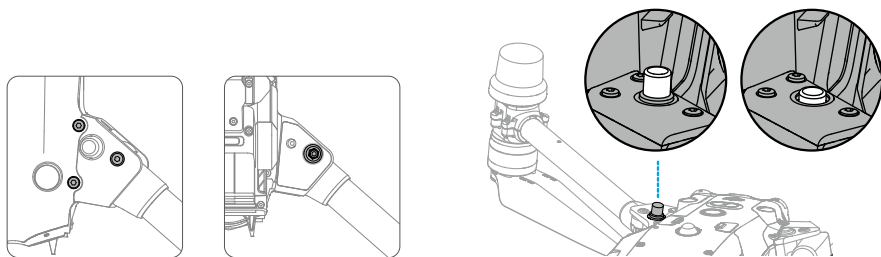


## Propulsion System

### Frame Arms

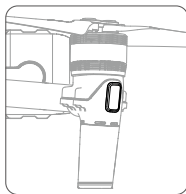
#### Folding Frame Arms

1. Make sure the 12 screws on the four frame arms are firmly secured.
2. Make sure the screw nuts attached on the shaft screws are firmly secured when rotating the frame arms.
3. Make sure the arm junctions are not damaged or cracked.
4. Make sure the frame arm folding buttons can pop out so that the frame arms are unfolded and locked firmly.
5. Make sure the frame arm folding buttons can be pressed down when folding the frame arms.



#### Frame Arm LEDs

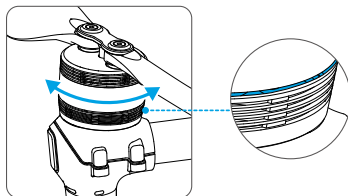
Make sure the frame arm LEDs are clean and not damaged.



## Motors

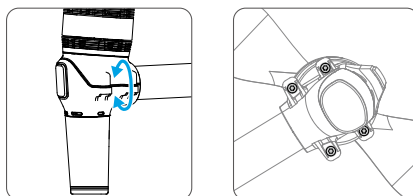
### Motor Rotation

1. Unfold and lock the frame arms.
2. Rotate the motor to check if there is any blockage or rubbing. Observe the gap between the rotor and stator of the motor to check if there is any contact with the motor base.
3. DO NOT fly the aircraft if there is any blockage or contact. It is necessary to return the aircraft to the factory for repair.



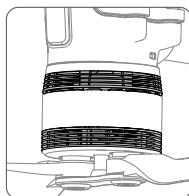
### Connection between Motor and Arm

1. Rotate the motor base around the central line of the carbon tube to make sure the connection between the motor and the carbon tube is not loose.
2. Make sure the four fixing screws are firmly secured.
3. If any of the screws are loose, return the aircraft to the factory for repair.



### Motor Air Filters

1. Make sure the air filters are not severely deformed or damaged.
2. Return the aircraft to the factory for repair if the air filters are severely deformed or damaged.

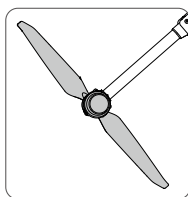




## Propellers and Propeller Adapters

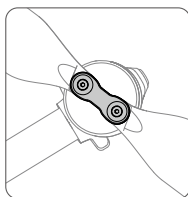
### Propellers

1. Check the propellers for visible deformation, severe wear, nicks, cracks, or any foreign matter attached.
2. Clean the propellers with a soft, dry cloth.
3. Replace the propellers immediately if visible deformation, severe wear, nicks, or cracks occur.<sup>[1]</sup>
4. The propellers are wearing parts, replace them in time when necessary.<sup>[1]</sup>



### Propeller Adapters

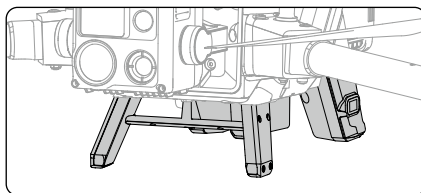
1. Make sure the propeller adapter screws are firmly secured.
2. If the screws are loose, apply thread locker and tighten the screws.
3. Make sure the propeller adapters are not deformed or broken.
4. Replace the propeller adapters if they are deformed or damaged.



[1] The propellers need to be replaced in pairs. Make sure to use screw glue (recommended model: 243) when replacing the propellers. It is recommended to contact a DJI authorized service provider for propeller replacement.

## Landing Gear

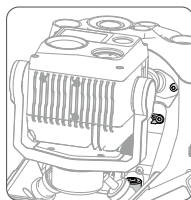
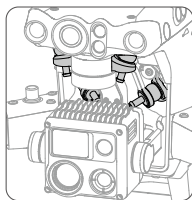
1. Make sure the landing gears are not cracked or damaged, and the landing gear pads are not worn.
2. Make sure the charging connectors are clean and not damaged. Clean them using a soft, dry cloth.
3. The landing gears and the charging connectors of the aircraft are wearing parts, return the aircraft to the factory and replace them when necessary.



## Gimbal Camera

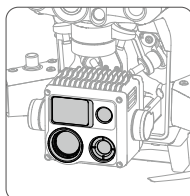
### Gimbal Damping Plate

1. Make sure the gimbal dampers are not damaged, loose, aged, or deformed.
2. Make sure the screws connecting the damping plate and aircraft body are firmly secured.
3. The gimbal dampers are wearing parts, return the aircraft to the factory and replace them when necessary.



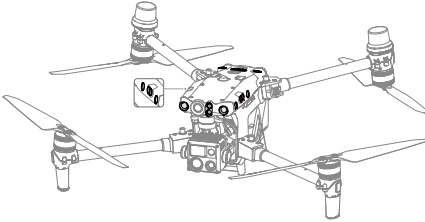
### Gimbal Camera

Make sure the lenses on the camera are not damaged or cracked.

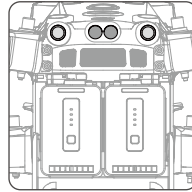


## Infrared Sensing and Vision Systems, Auxiliary Lights, and Beacons

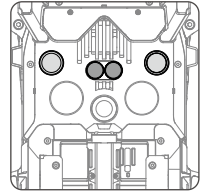
1. Clean the lenses with a soft, dry cloth.
2. Make sure the lenses are not loose or cracked.
3. Make sure the auxiliary lights and beacons are not loose or cracked.



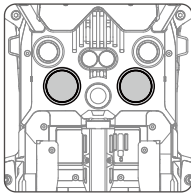
Infrared Sensing and Vision Systems



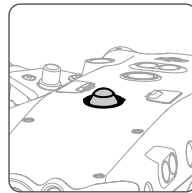
Rear View



Bottom View



Auxiliary Light

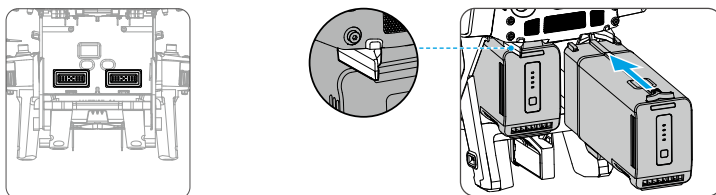


Beacons

## Aircraft Ports

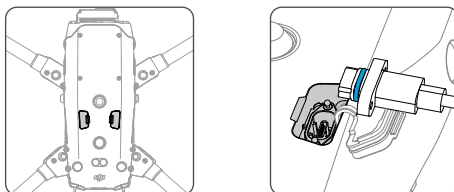
### Battery Compartment

1. Check if the battery ports are clean and dry without any corrosion. Make sure to clean any water and dust with a soft, dry cloth.
2. Make sure the screws on the battery release toggles are firmly secured.
3. Make sure the battery release toggles can spring back normally.
4. After the battery is installed, make sure the battery release toggle can spring back normally without obvious shaking.



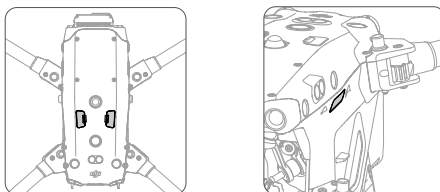
### Data Ports

1. Clean any unwanted residue near the ports with a soft, dry cloth.
2. If the ports are in use, disconnect the cables, and check if there is any unwanted residue in the ports using a torch.
3. Place the aircraft at an angle and use a dust blower and a soft brush to remove any fine materials, such as dust from the port. Note: clean thoroughly, sweeping away from the port.
4. If a third-party payload is used, make sure the waterproof rubber ring of the cable connector is in good condition to ensure that the port is well sealed.
5. Return the aircraft to the factory for repair if there is any water immersion marks at the ports.



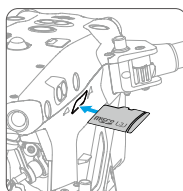
## Rubber Port Covers

Make sure the rubber port covers are not damaged or loose, and are properly sealed.



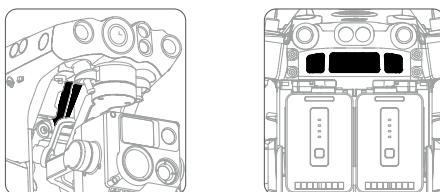
## microSD Card slot

1. Check if there are any foreign objects in the microSD card slot, and if the microSD card can be correctly installed and removed.
2. Check if the microSD card is working properly.



## Heat Dissipation Vents

Make sure that there is no blockage in the heat dissipation vents and the cooling fans work normally without any noise.




## Checklist Before Leaving

After completing maintenance for the dock and the aircraft, make sure to check the following items before leaving the site:

1. Place the aircraft on the landing pad and make sure the aircraft heading is aligned with the arrow mark.
2. Make sure the waterproof rubber port covers are correctly in place and securely sealed.
3. Make sure to close the dock cover and the electrical cabinet door.
4. Pull out the emergency stop buttons on both sides of the dock and make sure they are released.
5. Perform the automatic operation test to ensure that the dock and the aircraft can operate normally. Refer to the Installation and Setup Manual for more information.

## Intelligent Flight Battery

### Battery Maintenance

The Intelligent Flight Battery will conduct an intelligent self-evaluation when it is used with the dock. A prompt will appear in DJI FlightHub 2 when battery capacity calibration or battery maintenance is required. Open the DJI FlightHub 2 Devices page, Click Dock > , and enable Remote Debugging to start battery maintenance, and the dock will perform battery maintenance automatically. During battery maintenance, the battery will first discharge to below 20% battery level. The maintenance process will last three to eight hours based on different battery levels. Battery maintenance will be interrupted if the dock receives a flight task during this process.



- To save discharge time and shorten maintenance time, it is recommended to start battery maintenance when the battery level is low, such as after completing a flight task.



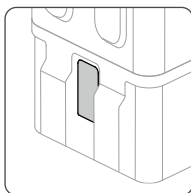
- Battery performance will be affected if the battery is not maintained for an extended period.

### Battery Replacement Standard

1. The battery is visibly swollen, leaky, or damaged.
2. The battery is rated for 400 cycles. The stability of the battery will be affected after the rated cycles. In this case, make sure to replace the battery. Otherwise, users are responsible for the device damage and third-party losses caused by batteries exceeding the rated cycles.
3. The battery error still exists after performing the standard charge and discharge operations twice continuously.

### Battery Disposal

1. Remove the protective plastic sheet on the battery. Fully immerse the battery in an insulated bucket with 5% salt solution. Leave the battery in the solution for more than 72 hours to fully discharge the battery.
2. It is recommended to recycle the battery following the instructions in Safety Guidelines to avoid environmental pollution.



### Battery Usage Warnings

1. DO NOT charge the battery near flammable materials and objects or on flammable surfaces.
2. DO NOT use the battery in a humid environment to avoid a short circuit.
3. DO NOT disassemble or pierce the battery in any way.
4. Store Intelligent Flight Batteries in a well-ventilated and dry place.
5. Initiate RTH immediately when the DJI FlightHub 2 prompts that the battery temperature is too high.

## List of Wearing Parts

Replace parts that are easily damaged and worn in time to keep the dock and the aircraft in good condition and reduce flight safety risks.

### Wearing Parts of the Dock

Wearing Parts	Quantity	Replacement Interval - Based on Activation Time <sup>[1]</sup>	Replacement Interval - Based on Total Flights <sup>[1]</sup>
Dock Cover Rubber Seal Strip	1	Per 12 months	/
Propeller Bumpers	4	Per 12 months	Per 3000 flights
Dock Cover Drag Chain Tension Springs	2	Per 12 months	Per 3000 flights
Landing Pad Steel Belts	4	Per 12 months	Per 3000 flights
Landing Pad Servos	4	Per 24 months	Per 6000 flights
Temperature Measuring Cables in the Left and Right Driving Rods	2	Per 24 months	Per 6000 flights
Backup Batteries	2	Per 24 months	/
Air Conditioning Fan (internal circulation)	1	Per 36 months	/
Air Conditioning Fan (external circulation)	1	Per 36 months	/
Charging Connectors (Dock)	2	Per 36 months	Per 9000 flights

[1] The activation time or total flights specified shall be whichever comes first.

### Wearing Parts of the Aircraft

Wearing Part	Quantity	Replacement Interval - Based on Activation Time <sup>[1]</sup>	Replacement Interval - Based on Total Flight Time <sup>[1]</sup>	Replacement Interval - Based on Total Flights <sup>[1]</sup>
CW Propellers <sup>[2]</sup>	4	Per 12 months	Per 300-hour flights	Per 1000 flights
CCW Propellers <sup>[2]</sup>	4	Per 12 months	Per 300-hour flights	Per 1000 flights
Motors <sup>[3]</sup>	4	Per 36 months	Per 900-hour flights	Per 3000 flights
Landing Gear on the Lower Cover <sup>[3]</sup>	1	Per 36 months	Per 900-hour flights	Per 3000 flights
Charging Connectors (Aircraft) <sup>[3]</sup>	2	Per 36 months	Per 900-hour flights	Per 3000 flights
Upper Covers of the Frame Arm Connector	4	Per 12 months	/	Per 1000 flights
Air Inlet Filter <sup>[3]</sup>	1	Per 36 months	/	Per 3000 flights
Air Outlet Filter <sup>[3]</sup>	1	Per 36 months	/	Per 3000 flights
Gimbal Vibration Damping Balls	4	Per 12 months	Per 300-hour flights	Per 1000 flights

[1] The flight time, activation time, or total flights specified shall be whichever comes first.


[2] Each motor is used with two CW propellers or two CCW propellers.

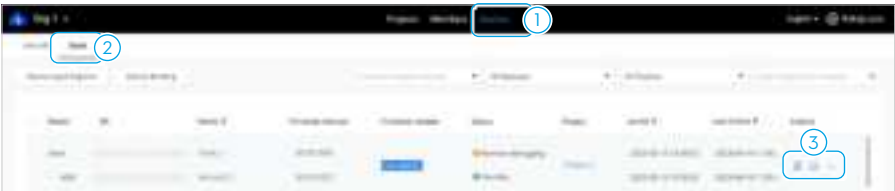
[3] Replace only for premium maintenance.

# DJI Maintenance Program

Users can check the DJI Maintenance Program using DJI FlightHub 2 or DJI Pilot 2.

## DJI FlightHub 2


1. Open DJI FlightHub 2, click Devices > Dock >  and enable Remote Debugging.



2. Click DJI Maintenance Program to view device data, maintenance records, and maintenance details of the dock and the aircraft.



3. Users can purchase DJI Maintenance Program or request maintenance on this page.

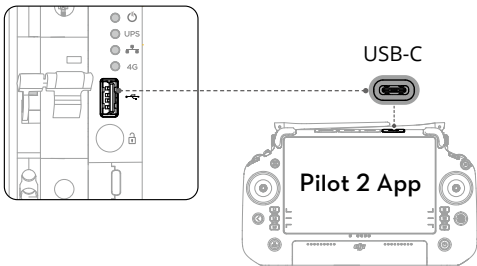
-  • Contact a DJI authorized service provider for dock maintenance. Submit an online repair request for aircraft maintenance.
- When the maintenance interval is approaching or is due, DJI FlightHub 2 will mark the corresponding maintenance in orange (standard maintenance) or red (premium maintenance).



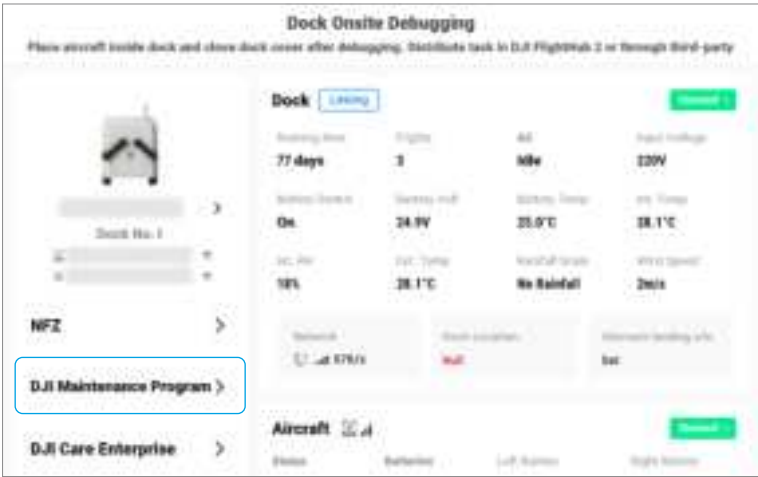


## DJI Pilot 2

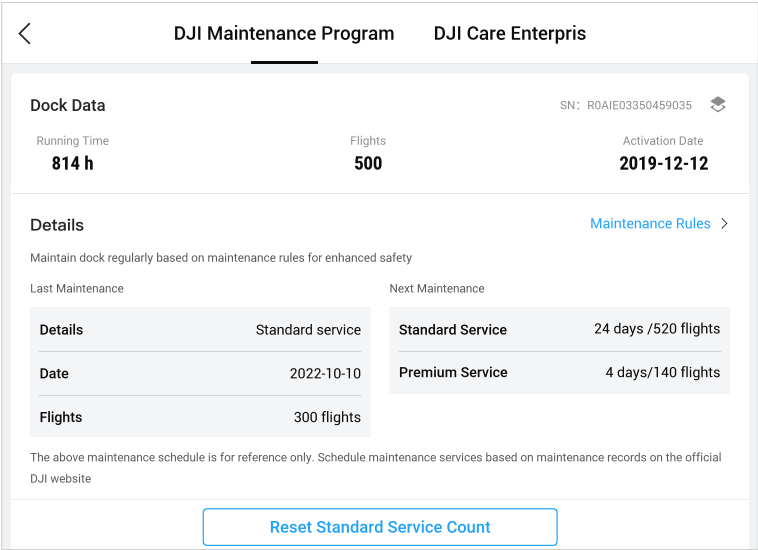
1. Connect the remote controller to the dock to enter the Onsite Debugging page.



2. Tap DJI Maintenance Program to view device data, maintenance records, and maintenance details of the dock and the aircraft to help users determine if maintenance is required.



3. After completing standard maintenance for the dock, connect the DJI RC Plus remote controller to the dock and reset the standard maintenance count. Tap to reset the standard maintenance count.



- ⚠ • Make sure to reset the count only after completing standard maintenance for the dock.

4. When the standard maintenance interval is approaching or is due, the text color will be marked in orange.



5. When the premium maintenance interval is approaching or is due, the text color will be marked in red.



## After-Sales Service

Visit <https://www.dji.com/service/policy> to view product warranty period and warranty policy.

WE ARE HERE FOR YOU



DJI Support

This content is subject to change without prior notice.

Download the latest version from



<https://www.dji.com/dock/downloads>

If you have any questions about this document, contact DJI by sending a message to **DocSupport@dji.com**.

DJI and MATRICE are trademarks of DJI  
Copyright © 2023 DJI All Rights Reserved.