

CHANGE FRONT PROPELLER

1. REQUIRED PARTS

Nr.	1001-0043 · ItemSet - Trinity F90+ Change Front Propeller GREEN R3 1001-0045 · ItemSet - Trinity F90+ Change Front Propeller RED R3	Quantity	Included
1	(0501-0057) Propeller Front RED R3	2	✓
2	(0501-0056) Propeller Front GREEN R3	2	✓
3	(0501-0058) Dowel PIN ISO 8734 3x14	3	✓
4	(0308-0010) SCREW__DIN912_M3x10	2	✓
5	(0501-0063) O-Ring 37,82 x 1,78 mm EPDM70	1	✓

Nr.	1001-0098 ToolSet 8 - Trinity F90+ Change Propeller	Quantity	Included
1	(992000-1617207045) Torque Screwdriver 0,45 Nm	1	✓
2	(1001-0019) Bit 1/4 allen 2,5 mm	1	✓
3	(999900-1615986356) Threadlocker MARSTON-DOMSEL MD-SS 641.270/1	1	✓

DO NOT MIX UP THE OLD AND NEW PROPELLER BLADES

2. DISASSEMBLY OF THE FRONT PROPELLERS

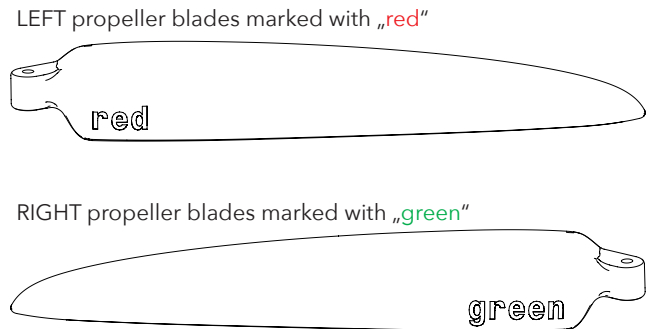
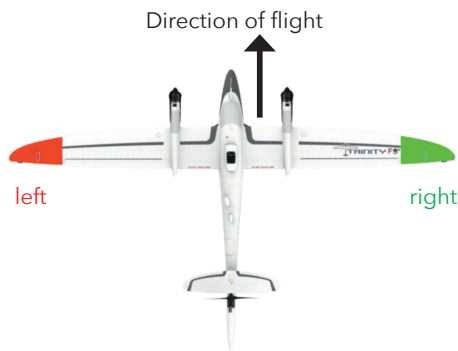
- Untighten the screw ❶ using the provided Torque screwdriver 0,45 Nm. Dispose the used screws. In order not to damage the screwhead please make sure to attach the screw driver perpendicularly.
- Remove the spinner ❸.
- Remove the propeller O-Ring ❷. Please dispose the old O-Rings.
- Remove the propeller axis ❹ and the propeller blades. Put the axis aside. Dispose the propeller blades!



3. MOUNTING THE NEW FRONT PROPELLERS

IT IS ABSOLUTELY FLIGHT CRITICAL TO NOT MIX UP THE LEFT (red) AND RIGHT (green) PROPELLERS!

- Mount the new right propeller blades („green“ marking, **see figure below**) on the right motor using the two propeller axis ❸.
- Mount the new left propeller blades („red“ marking, **see figure below**) on the left motor using the two propeller axis ❹.
- Reattach the O-Ring ❷.
- Insert a new screw ❶ (M3x8) into the spinner with the help of the provided Torque screwdriver 0,45 Nm. Apply the provided Threadlocker Marston-Domsel to the thread of the new screw ❶.
- Attach the spinner to the motor.
- Tighten the screw ❶ and apply 0.45 Nm using the provided 0.45 Nm torque screwdriver. The screwdriver emits a clicking sound when the correct torque is applied. Take care that the O-Ring is covered by the spinner and not trapped.
- **Let the Threadlocker dry for 24 hours.**

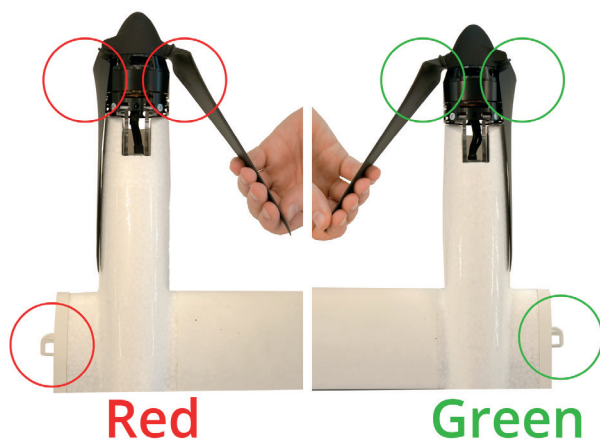


4. FINAL CHECK

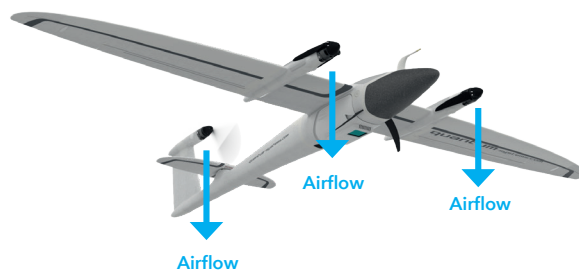
- Turn the motor slowly by hand and check for friction or irregular rotation.
- Lift both propeller blades by hand and check if the propeller blades are folded back into position.

5. REPORT TO YOUR RESELLER

- Please take two pictures as shown below and send them together with the serial number of your main body to your reseller. Pay attention to the green and red coloured markings (picture 1).
- Please wait for the confirmation of your reseller before the next flight.
- Before the next flight: Please check the [airflow](#) of the propellers (picture 2). Assemble the Trinity outside, power it, do the preflight check and arm the motors.



picture 1



picture 2