

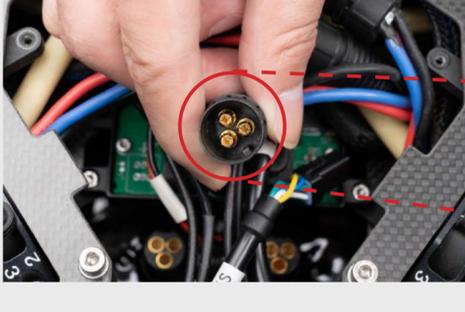
## XAG P-Series Maintenance Guide - Power board

This document details the maintenance procedure and precautions of XAG Agriculture UAV's ESC. Please read and operate in accordance with the contents of the document.

### 01 INSPECTION: Motor's 3 Phase Connector



- Use a 2.5 screwdriver to remove the 6 screws securing the Central compartment cover, then gently remove the cover



- Disconnect the 4 connectors connecting to the Central Compartment, then inspect the connectors to ensure it is clean and dry



- If the 3-Phase connector is loose and the metal terminals are gathered together, it is recommended to widen it to prevent faults caused by poor contact



- ⚠ If the 3-Phase connector is fused or sparks, please replace the component immediately

- ⚠ The installation of the 3-Phase connector MUST be connected in place and properly

### 02 INSPECTION: Power Cable



- Unplug the power cable of the Power board



- Inspect the cable connecting the Power board and the Battery socket for signs of short-circuit. If there are any defects or damage, replace immediately

### 03 Replacement: Screw Dampener



- Remove the 4 screws fastening the Power board, and remove the Power board. Then replace the 4 Screw Dampener

### 04 INSPECTION: ESC and Connector



- Use a soft brush to clean the surface of the ESC and the Power board



- Remove the 4 ESCs, and ensure the connection between ESC and Power board is clean and dry

- ⚠ If there are any defects such as deformed or short-circuited conductive pins inside the ESC connector, please replace it immediately

### 05 INSPECTION: Power Board

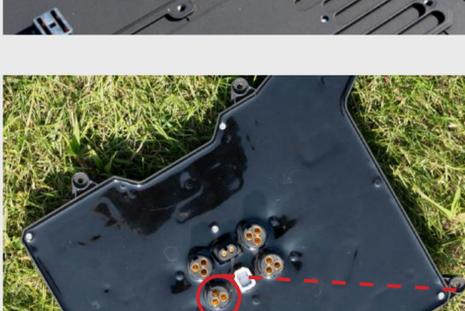


- Inspect the appearance of the Power board to ensure that the appearance of the Power board is not damaged. If the Power board is cracked or bent, please replace it immediately.



- Check the connection between the Power board and the ESC to ensure that the connection is clean, dry and free from short circuits

- ⚠ If you find that there is a short circuit at the connection of the ESC, please replace it immediately



- Inspect and check the 3-phase wire female connector, ensure the the connector is clean, dry and not loose

- ⚠ If the female connector the the 3-phases wire is fused, loosened, or sparked, please replace it in immediately

