

MAC
PROJECT



**Assembly
manual
MAC Motor**

● engineering inspired by the animal kingdom

Our **MAC Motor** was conceived based on three fundamental principles of modern performance: **silence**, **power**, and **intensity**. To communicate these attributes clearly and intuitively, the catalog design uses three animal references that symbolize each characteristic, integrating **earth**, **sea**, and **air** as a metaphor for total performance.

The Owl

Operational silence

The owl serves as the primary symbol for silent and controlled operation. Just as this predator dominates the night without detection, the **MACMotor** operates with minimal noise and vibration, ensuring acoustic harmony in any environment.

Technical Applications:

- Advanced acoustic insulation systems.
- Internal balance optimization to eliminate resonance.
- Friction reduction in all critical transmission components.

Key Benefit:

Smooth operation designed for environments where acoustic comfort and high efficiency are non-negotiable.



● intensity



The Rhinoceros

Constant power

The rhinoceros symbolizes brute power and structural endurance. The **MAC Motor** is built to deliver high torque and a constant workload capacity, maintaining reliability even under the most strenuous physical conditions.

Technical Applications:

- High torque delivery at low RPMs.
- High-durability reinforced mechanical components.
- Integrated high-performance cooling systems.

Key benefit:

Exceptional load capacity and reliable performance for high-stress industrial applications.

The great white shark

Intensity

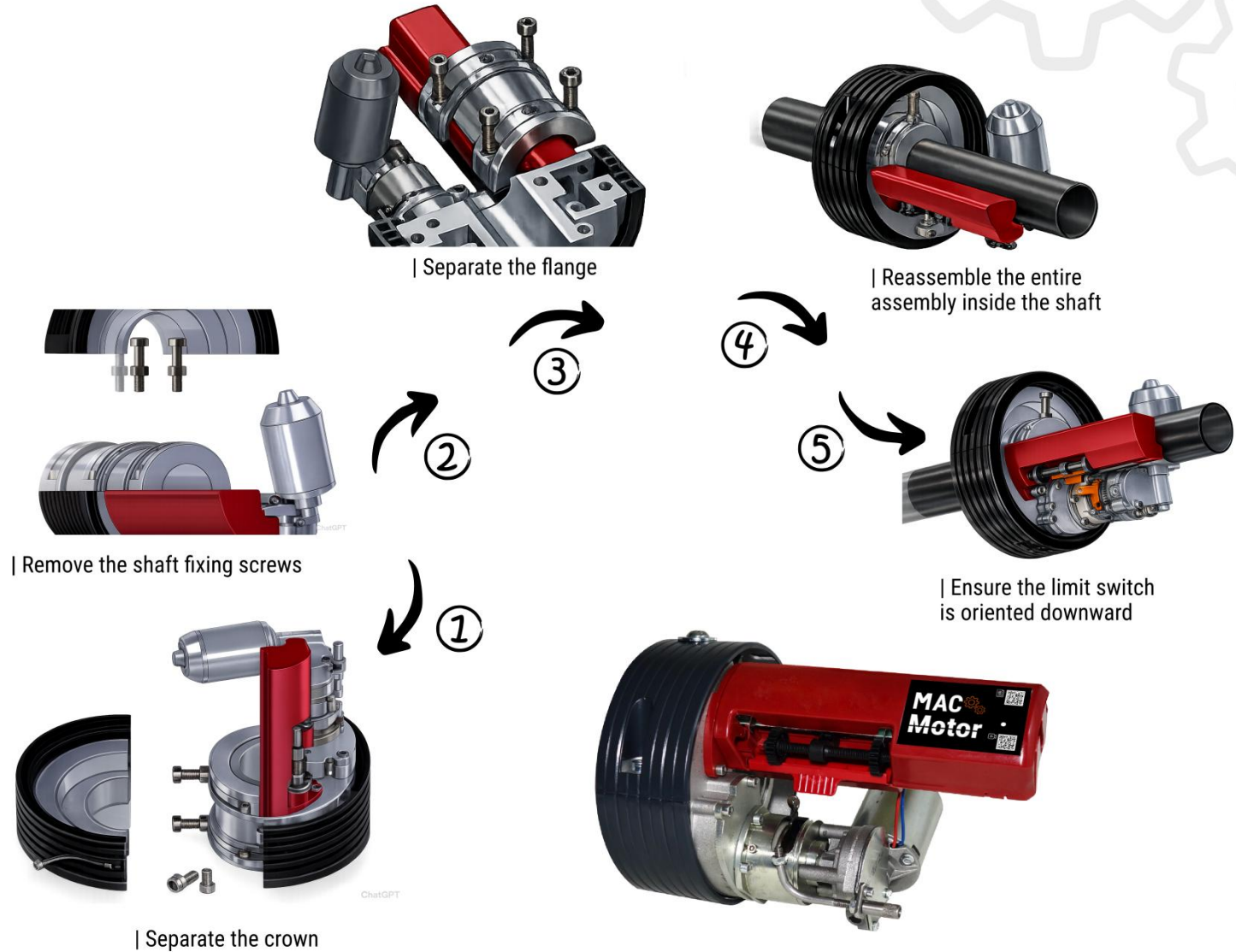
The great white shark represents decisive action, dynamic power, and instantaneous torque response. In the marine environment, it is synonymous with concentrated energy and precise execution. The **MAC Motor** replicates this by providing sustained force and immediate response for high-demand work cycles.

Technical Applications:

- Duty-cycle optimization for prolonged operation.
- Intelligent electronic management under high-demand scenarios.
- Continuous power delivery across intensive operational regimes.

Key Benefit:

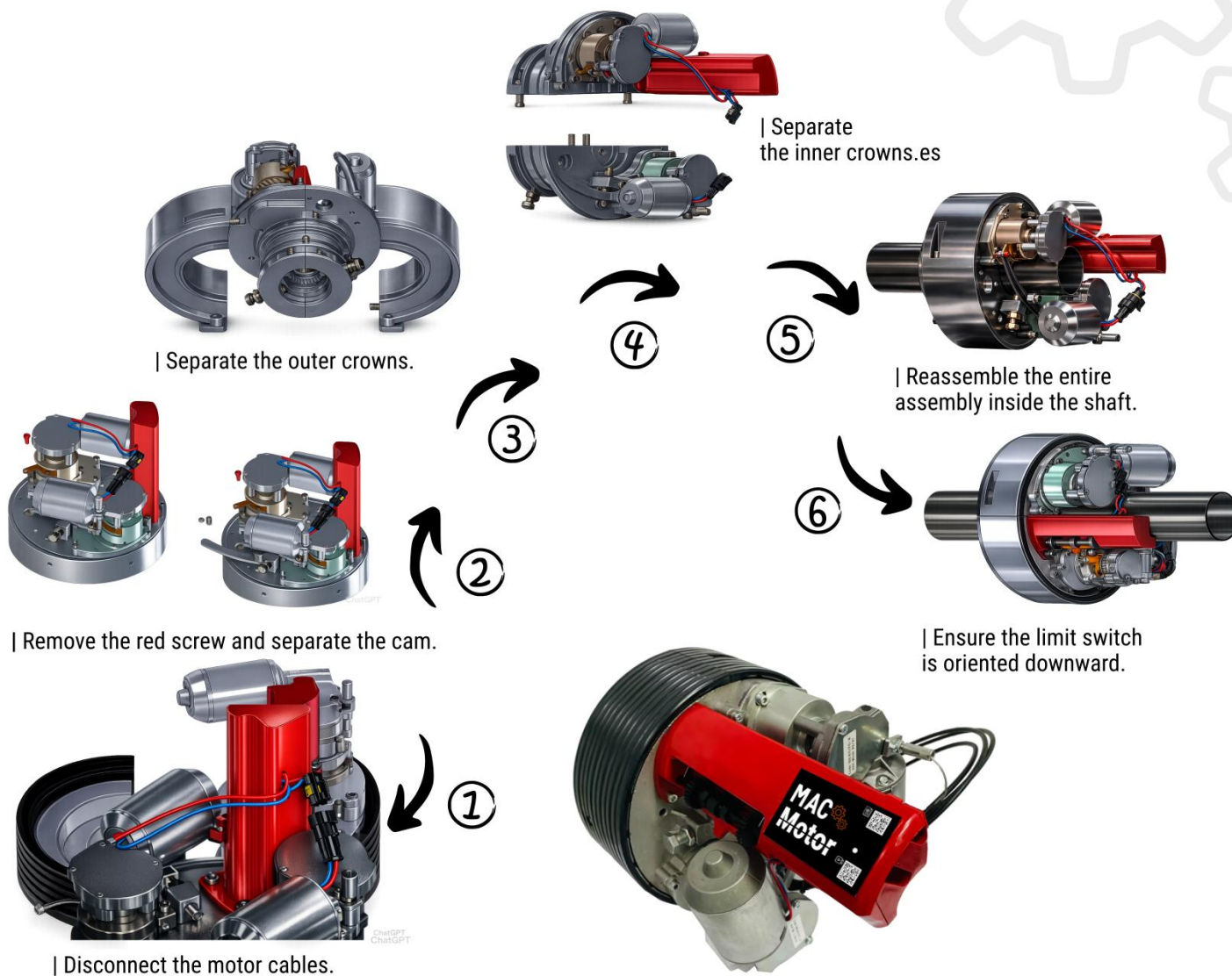
Active, decisive performance engineered for longevity, even when operating at maximum capacity for extended periods.



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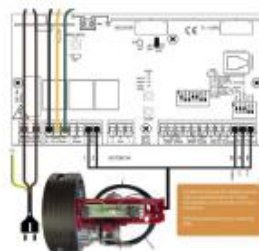
MAC Motor | JCM Control box

Connections

- ① | 1. Connect cables 1, 2, 3, 4 and 5 to the corresponding limit switch terminals.



- ② | 2. Final control board wiring diagram.



- ③ | 3. Image showing the final control board connections.

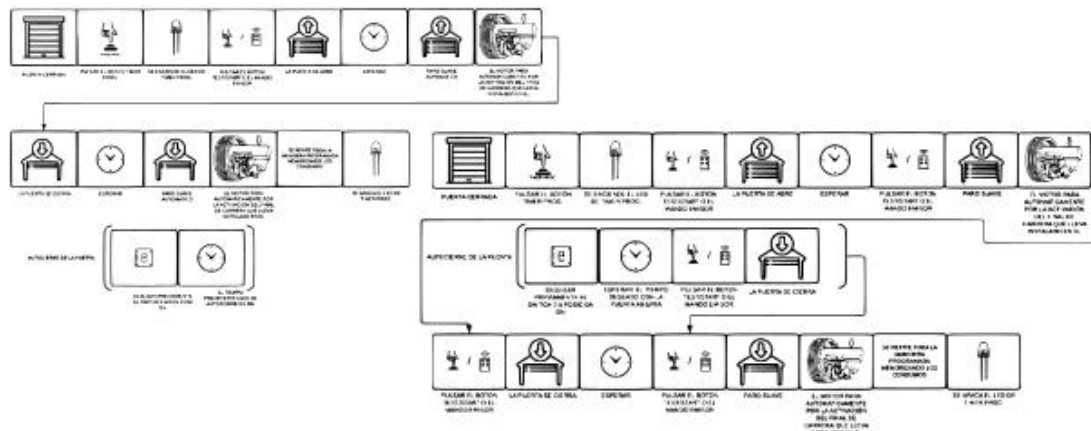


Programming procedures

- ① | 1. Remote control / transmitter programming



- ② | 2. Manual travel limit programming

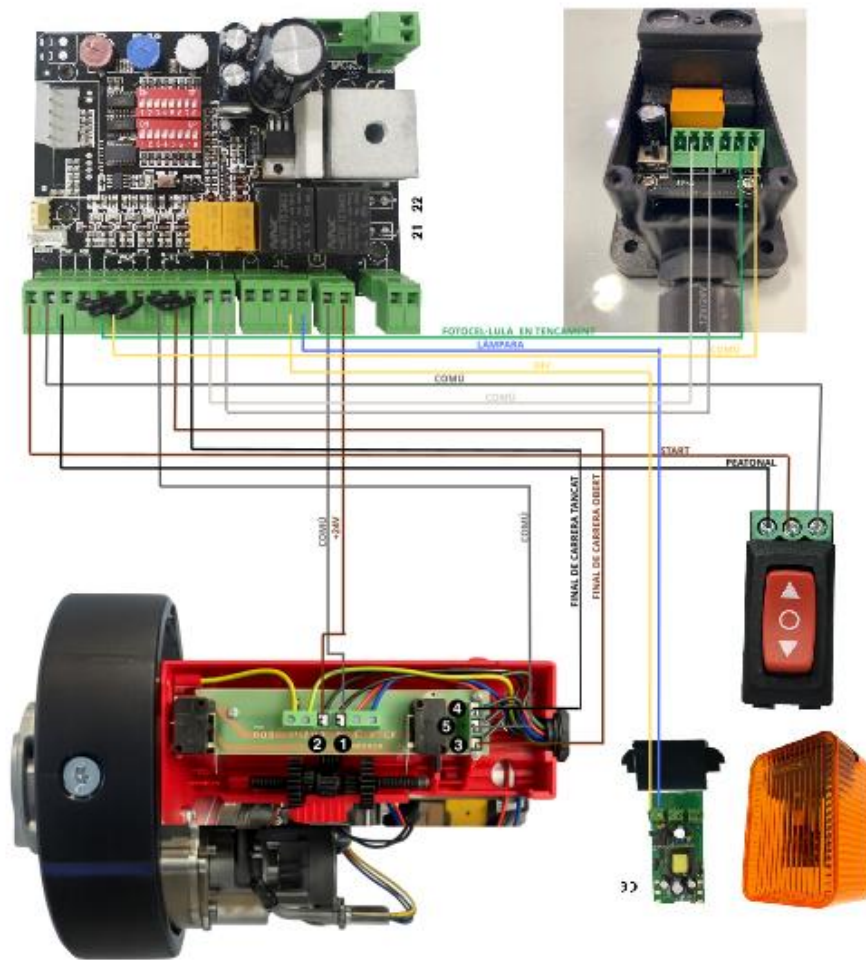


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➔ Connections and Programming Diagram



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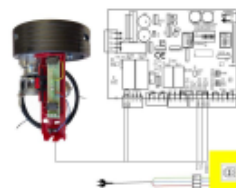


Connections

- 1 | Connect wires 1, 2, 3, 4 and 5 to the corresponding terminals of the limit switch



- 2 | Control board wiring diagram

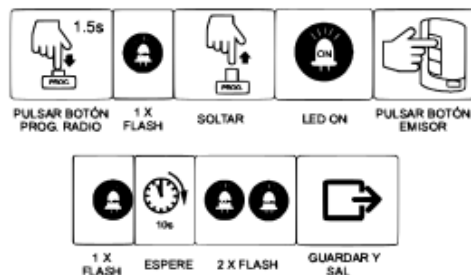


- 3 | Image of the final control board wiring connections

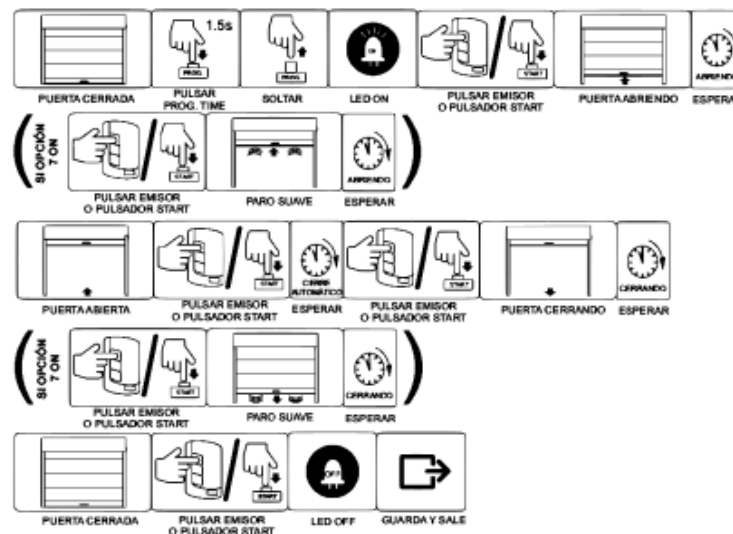


Programming procedures

- 1 | Remote control (transmitter) programming



- 2 | Manual travel switch programming



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