Mobula6 ECO 2024

Soft mounts and screws – spare part
User manual



This spare part is intended only for the Happymodel Mobula6 ECO 2024 drone. Read this manual before use.

www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Safety and preparation

2.2 Replacing the soft mounts and screws

2.3 Check after assembly

2.4 When to replace the soft mounts

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

The set contains four long rubber soft mounts (damping balls) and four screws. It is a genuine Happymodel spare part for the **Mobula6 ECO 2024** drone and is used to attach the flight controller (FC) and the canopy to the drone frame. The rubber soft mounts isolate the flight controller elastically from the frame and reduce the transmission of vibrations.

Soft mounts and screws wear out in crashes and with repeated disassembly – the rubber cracks and loses its elasticity, and the tiny screws are easily lost. Use the set when repairing the drone or when replacing the flight controller, canopy or frame.



Package contents: 4× soft mount and 4× screw

1.2 Specifications and package contents

Manufacturer	Happymodel (www.happymodel.cn, info@happymodel.cn)
Product designation	Spare part Damping balls and screw for Mobula6 ECO 2024
Intended for	Happymodel Mobula6 ECO 2024 drone
Package contents	4× long rubber soft mount 4× screw M1.3 × 10 mm
Not included	screwdriver or other tools, flight controller, canopy, frame

※ This set is not intended for the Mobula6 2024 drone (without the ECO designation). That model uses shorter soft mounts Φ 4.5 × Φ 2 × 4 mm with M1.2 × 4 mm screws, which the manufacturer supplies as a separate spare part.

2. Use

2.1 Safety and preparation

- Before any work on the drone, **disconnect the battery** and also disconnect the drone from USB.
- Soft mounts and screws are small parts that can be swallowed. **Keep them out of the reach of children** and pets.
- Work on a clean, light-coloured mat with good lighting – tiny screws are easily lost. Have a small Phillips screwdriver of a suitable size ready.
- Protect the flight controller electronics from bending and from static electricity; hold the board by its edges.

2.2 Replacing the soft mounts and screws

① Before you take the drone apart, **photograph the assembly** from all sides. The photos will help you put it back together with the parts in the same order and orientation and with the same cable routing.

② Remove the screws that attach the canopy and the flight controller to the frame and carefully separate the parts. Take care of the motor, camera and antenna cables.

③ Remove the worn soft mounts and insert the new ones in their place, in the same position as the original ones.

④ Reassemble the parts and insert the new screws. Make sure that no cable is pinched between the parts.

⑤ Tighten the screws gradually and gently, only so far that the parts hold firmly together. An overtightened screw compresses the soft mount, which then stops damping, and may damage the thread.

2.3 Check after assembly

- The canopy holds firmly and the flight controller does not wobble in its mounting.
- No cable is pinched, stretched or reaches into the path of the propellers.
- All propellers turn freely and do not touch the canopy or any cables.
- The camera has the same tilt as before disassembly.
- During the first flight after the repair, watch how the drone behaves. If it becomes unsteady or oscillates, land, disconnect the battery and check the tightness of the screws and the seating of the soft mounts.

2.4 When to replace the soft mounts

Check the soft mounts and screws regularly, especially after a crash. Replace them – ideally all four at once, so that the damping is the same at every point – if:

- the rubber of a soft mount is cracked, torn, hardened or permanently deformed,
- the flight controller wobbles in its mounting or touches the frame,
- a screw is bent, has a damaged head or does not hold in the thread,
- a soft mount or screw is missing.

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product **is not electrical equipment** and contains no batteries; take-back of electrical equipment does not apply to it.
- Dispose of worn rubber soft mounts according to the waste sorting rules of your municipality.
- Metal screws can be handed in as metal waste, for example at a municipal collection yard.
- Sort the packaging according to its material.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.