Vapor D5 – Parts

Replacement arms for the GEPRC GEP-Vapor-D5 frame
Front arm · Rear arm



Always disconnect the battery and remove the propellers before replacing an arm.

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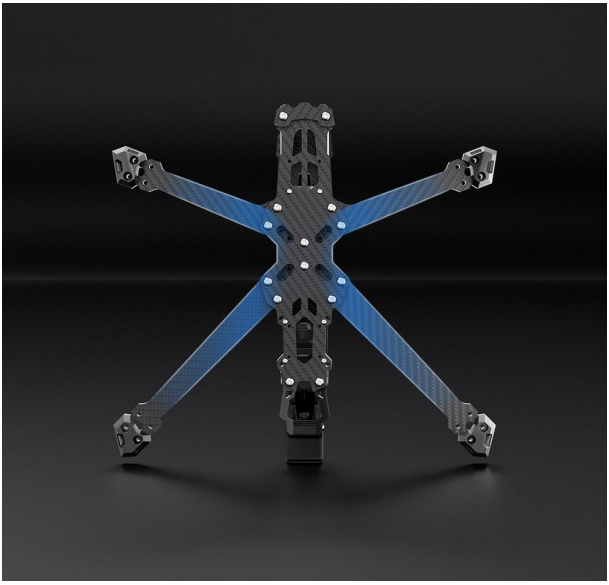
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1. Product description

1.1 Intended use

This product is a genuine replacement arm made by **GEPRC** for the **GEP-Vapor-D5** frame – the 5-inch frame of the Vapor-D series, which is also used for the ready-to-fly GEPRC Vapor-D5 drone. The arm is made of high-strength carbon fibre composite, and the motor is mounted at its end.

The Vapor-D frame uses a DC (deadcat) layout: the front arms are positioned so that the propellers stay out of the camera's view. For this reason **the front and rear arms differ in shape and length and are not interchangeable**. The replacement arm is used to repair the frame after a crash – you replace the damaged arm with a new one without having to buy a complete frame.



GEP-Vapor-D frame with DC layout – the arms are highlighted in blue (manufacturer's illustrative photo)

1.2 Specifications and package contents

Manufacturer	GEPRC
Product designation	GEP-Vapor-X/D Frame Parts – option **Fore Arm-D5** (front arm) or **Rear Arm-D5** (rear arm)
Intended for	GEP-Vapor-D5 frame (5")
Material	carbon fibre composite
Arm thickness	5.0 mm
Motor mounting holes	16 × 16 mm
Package contents	1× replacement arm of the selected option
Not included	screws and nuts, motor, propeller, motor wire protection tube, tools



Left: front arm (Fore Arm-D5), right: rear arm (Rear Arm-D5) – the two photos may not be to the same scale

※ The arms of the Vapor-D6, Vapor-X5 and Vapor-X6 frames are different parts – do not confuse them with the Vapor-D5 frame.

2. Use

2.1 Safety and preparation

- Before any work on the drone, **disconnect the battery** and remove the propellers. A powered motor can start spinning unexpectedly.
- Carbon fibre composite is **electrically conductive**. Wires must not rest on sharp edges of the arm – chafed insulation can cause a short circuit.
- Do not sand or drill the arm. If it is exceptionally necessary, work wet and wear gloves and a respirator; carbon dust irritates the skin and airways.
- Prepare suitable hex keys and screws. Screws are not included – reuse the original frame screws if they are not damaged.
- Inspect the other frame parts as well. After a crash, the frame plates, screws or motor are often damaged too.

2.2 Replacing an arm

The procedure is general. The order in which frame parts are removed and the type of screws follow the frame assembly instructions supplied with the frame or drone.

① Disconnect the battery and remove the propeller from the motor on the damaged arm.

② Unscrew the motor from the arm and keep the motor screws.

③ Release the motor wires from the protection tube and cable ties so that the arm can be removed without straining the solder joints on the electronic speed controller (ESC).

④ Loosen the screws holding the arm in the frame and remove the damaged arm. Depending on the frame design, other frame parts may also need to be loosened.

⑤ Insert the new arm of the **same position** (front / rear) and in the same orientation as the original arm. The mirror-image arm on the other side of the frame can serve as a reference.

⑥ Tighten the frame screws gradually and evenly so that the arm seats without play. Do not overtighten the screws – the thread may strip.

⑦ Mount the motor with the original screws. A screw that is too long can damage the motor windings – after tightening, check that the motor turns freely without rubbing.

⑧ Route the motor wires along the arm, put them back into the protection tube and make sure they do not touch the propeller or the edges of the arm.

⑨ Fit the propeller with the correct direction of rotation and tighten it.

2.3 Checks after replacement

- The arm is firmly attached and has no play.
- The motor turns freely; the wires are neither pinched nor taut.
- With the propellers removed, check in the configurator (e.g. Betaflight, *Motors* tab) that the correct motor spins and that it rotates in the correct direction.
- Start the first flight after the repair with a short hover in a safe area and watch for unusual vibrations or noises.

2.4 Inspecting and caring for the arms

- Inspect the arms after every impact: cracks, chipped edges and delamination (separation of layers) weaken the arm.
- **Do not glue** a cracked or delaminated arm – replace it. A weakened arm may break in flight.
- Regularly check that the frame and motor screws are tight; vibrations can loosen them over time.

3. Information for the EU and Czech market

The information in Chapters 3 and 4 is based on the legislation in force in the Czech Republic. **The law of the country in which the product is used is decisive** – if you use the product in another country, follow its regulations.

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 or electronic equipment and contains no battery.
- Dispose of a damaged or discarded arm as waste in accordance with your local waste management rules. Do not burn carbon fibre composite.
- Put the packaging material into separated waste collection.

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.

※ Mechanical damage to the arm caused by a crash or impact is not a product defect.