

SERVICE BULLETIN – V-THROTTLE

V-Throttle lever update

MANDATORY

1. Applicability

| Model | Production period / Serial number |
|------------|----------------------------------------|
| V-Throttle | All throttle produced up to March 2021 |

2. Reason

There have been a few instances of failure on the V-Throttle. The failure has occurred on the lever which breaks at its weakest point (see image below). As a result of the failure the pilot may lose control over the throttle and the engine.



3. Compliance

Before the next flight, on the affected throttle to prevent loss of power control.

4. Subject

An investigation was conducted to understand the reasons for the failure. It became clear what indicated below:

- Most cases occurred on colored levers (orange, green, transparent). The lever will no longer be manufactured with these materials because the colored pigment can weaken the material.
- Very rare cases have also occurred on black levers.
- Very rare cases due to a non-optimal throttle installation. Detailed instructions have been issued to install and use the throttle in the safest conditions.

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For these reasons the geometry of the lever has been modified to reinforce it. The new lever will be supplied only in black color to prevent any material weakness.



The new lever has been in production since March 2021. To ensure maximum safety for all customers the company has decided to replace all old levers with previous material and geometry.

5. Labor time

Estimated labor: 15 minutes.

6. Mass data

Change of weight: none.

7. References

In addition to this technical information refer to current issue of:

- Engine user Manual
- Illustrated Parts Catalog

8. Material

Price and availability will be provided on request by VITTORAZI authorized dealer or Service Centers. Material requirement per throttle:

| <i>Code / Art.</i> | <i>Quant.</i> | <i>Description</i> | <i>Cost of the material FOB</i> |
|--------------------|---------------|-------------------------|---------------------------------|
| AGG2022001 | 1 | V-Throttle lever update | Free upgrade for throttle |

9. Rework of parts

No rework required.

10. Special tooling

No special tooling required.

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11. Warning, caution, more attention

The V-Throttle is assembled with self-tapping screws:

- Excessive torque may break the plastic;
- Little torque may result in loose connection.

12. Accomplishment and Test Run

The work must be implemented and confirmed by at least one of the following persons:

- VITTORAZI MOTORS representatives;
- VITTORAZI MOTORS authorized Distributors, Service Centre, Aircraft manufacture.

At the end of the work to ensure the correct operation of the service a ground test is required and then a further approval in flight.

13. Inquires

Inquiries regarding this Service Bulletin should be sent to the VITTORAZI authorized Distributors, Service Centre, Aircraft manufacture of your area. A list of all VITTORAZI representatives is provided on the Vittorazi website (vittorazi.com).

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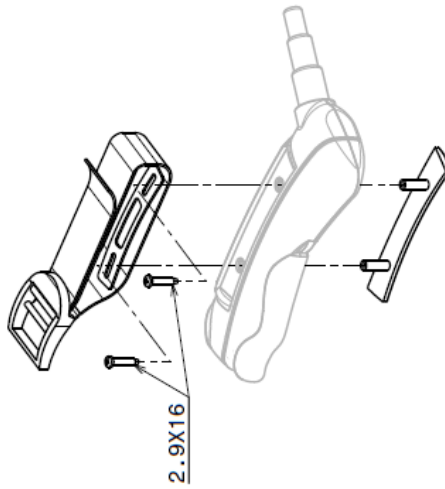


1P04-0026_00 - V-THROTTLE LEVER REPLACEMENT

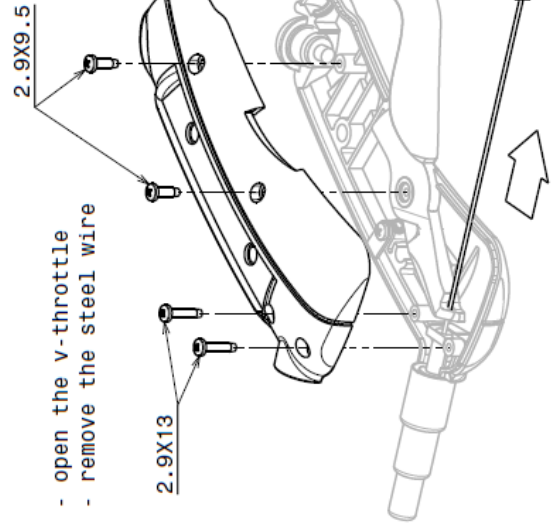


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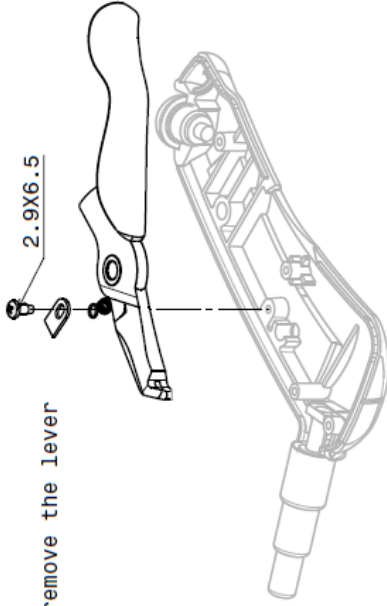
① remove the handle



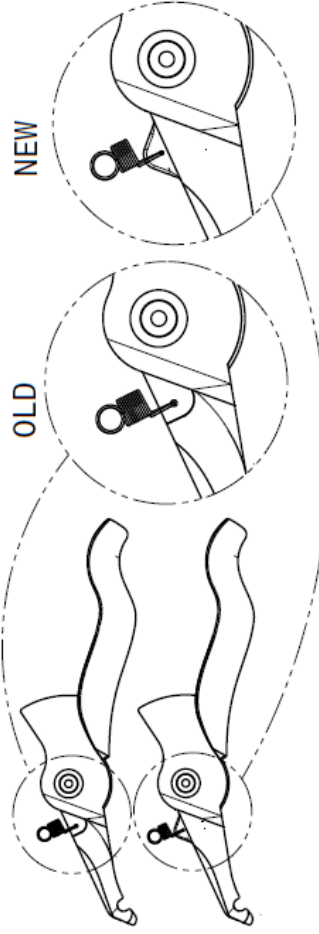
② - open the v-throttle
- remove the steel wire



③ remove the lever



④ replace the old lever and spring with the new one
(Lever, bushing and spring)



⑤ Reassemble the v-throttle following steps:
③ - ② - ①

DO NOT TIGHTEN THE SCREW TOO MUCH !

DO NOT MODIFY THE ELECTRIC WIRING !

WHEN FASTENING THE LEVER SPRING CHECK:

- IT IS NOT DISTORTED

- IT IS IN THE SAME POSITION AS IN FIGURE



⑥ Install the V-Throttle on the paramotor following instruction
1P24-0023

