

Compliance with this bulletin is

MANDATORY

EFFECTIVE DATE

30.05.2023

SUBJECT

Gates fuel lines

APPLICABILITY

The bulletin applies to Aviation Artur Trendak gyroplanes manufactured up to 2 years ago from the issue of the bulletin, equipped with Gates fuel lines, and gyroplanes with fuel lines replaced during this period.

If identification of the fuel lines is not possible, this bulletin should also be applied.

ACTION

Mandatory replacement of fuel lines with new ones provided by the manufacturer of the gyrocopter.

RISK OF NEGLECT

Failure to comply with this instruction might result in:

- rupture of the fuel line,
- failure of the power unit.

REQUIREMENTS

You can do the replacement yourself. If you feel that you don't have the appropriate skills to perform this service, you should contact a knowledgeable technician or a mechanic from Aviation Artur Trendak company.

GUIDELINES FOR INSPECTION AND REPLACEMENT OF FUEL LINES

1. Remove the cover covering the left side of the engine.



Figure 1_View after cover remove

2. Locate all sections of the fuel line.

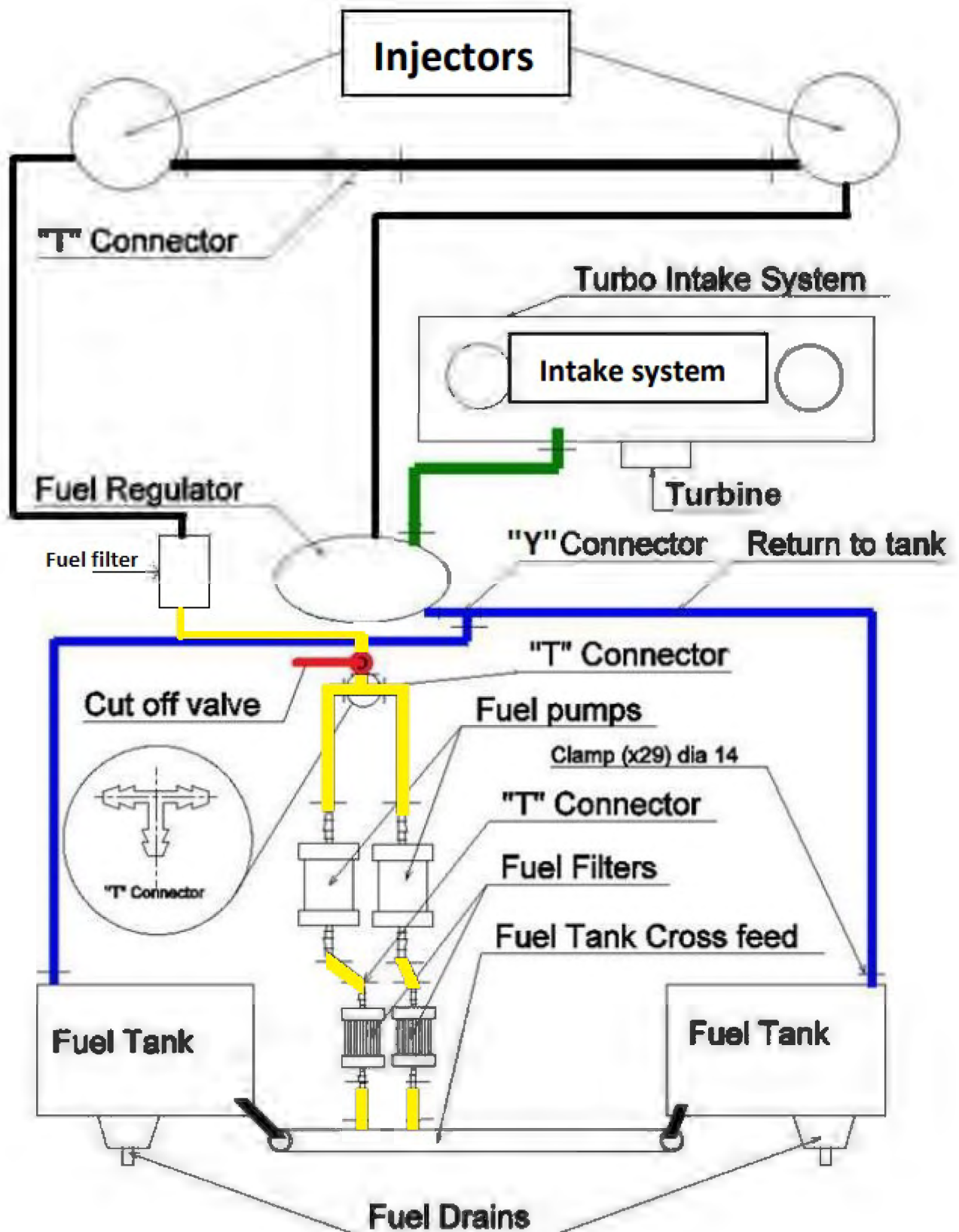


Figure 2_Fuel system scheme

In the diagram above, the fuel lines necessary to locate are marked in yellow and blue.

In fact, these fuel lines are black, and some of them are additionally covered with a red cover tube.

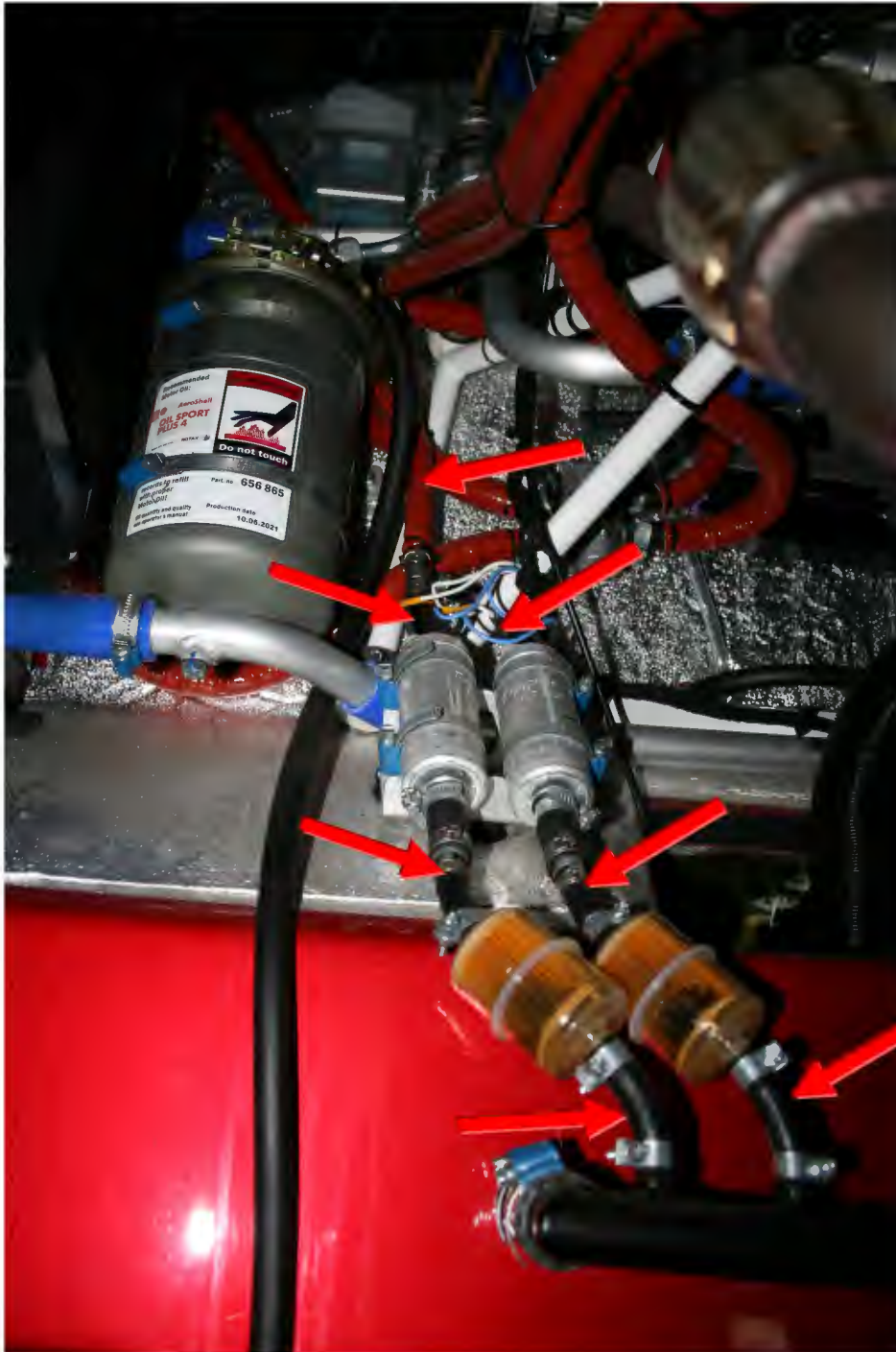


Figure 3_Fuel system components



Figure 4_Fuel system components

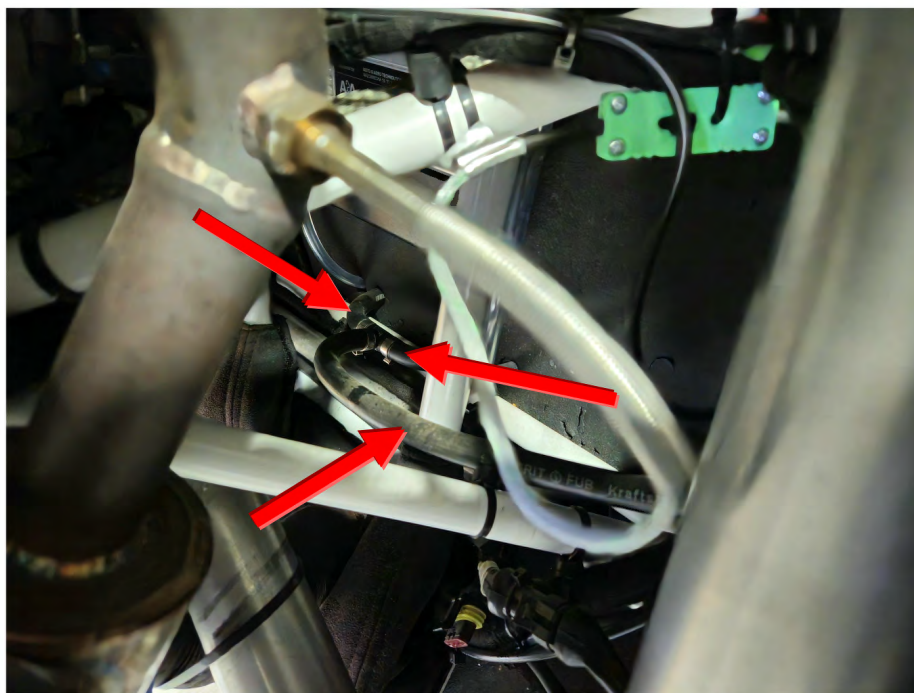


Figure 5_Fuel system components

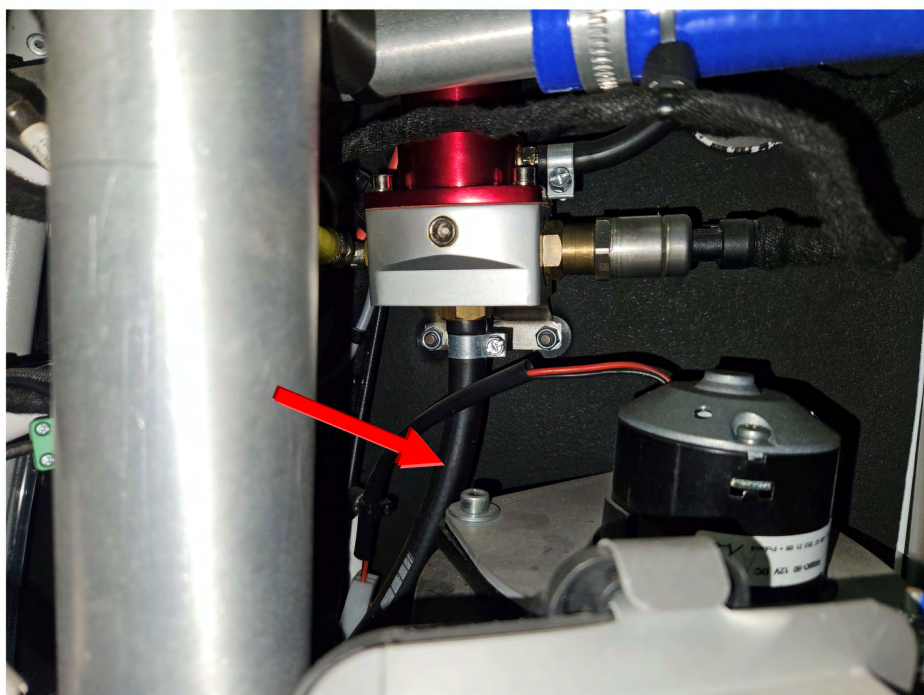


Figure 6_Fuel system components

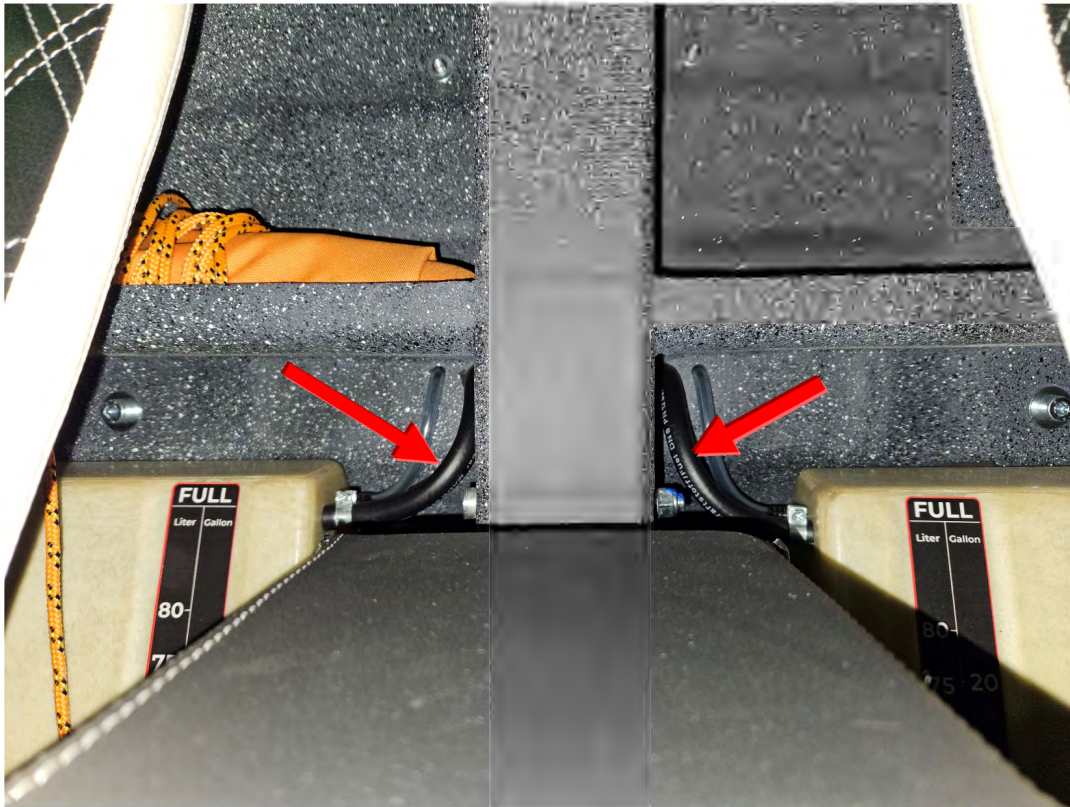


Figure 7 _Fuel lines from inside the cabin

The sections of fuel lines to be looked for are indicated by red arrows in Figure 3-7.

3. Remove the longest section of the fuel line, remove the cover tube and check that the fuel line is marked with the manufacturer's mark.



Figure 8_Manufacturer's mark on the fuel lines

4. If the fuel lines are made by Gates or cannot be identified, they must be replaced with new ones supplied by Aviation Artur Trendak.

Removed fuel lines are recommended to be replaced with new ones, even if they are not made by Gates.

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