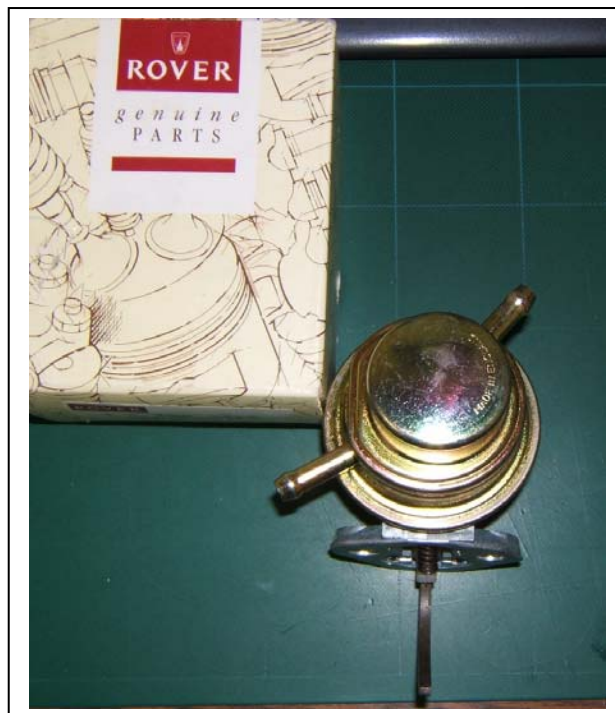


## Supplemental Information & Instructions for 377-410 or TKC3417Z FUEL PUMP, MECHANICAL Replacement Pump for MIDGET 1500 78 ON, SPITFIRE 1500 78 ON

### A Little History...

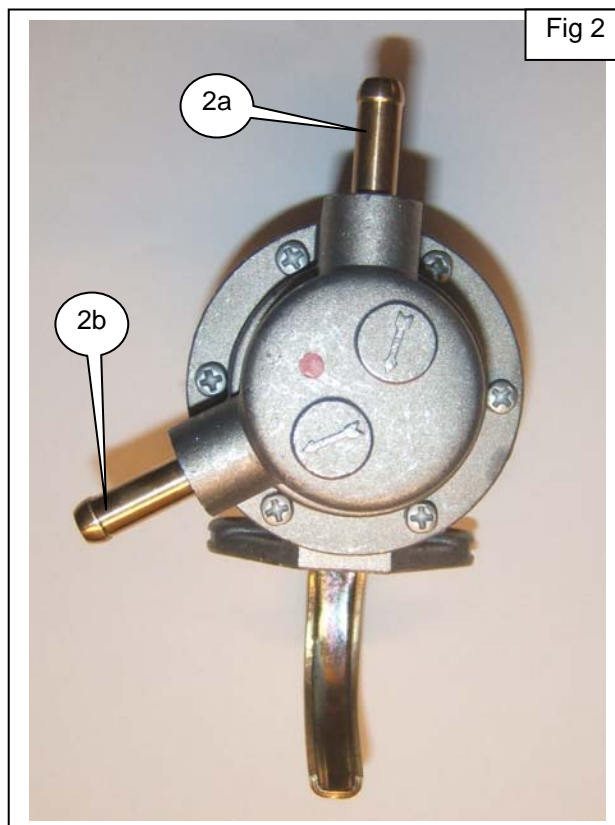
The TKC3417 pump was common the Midget and Spitfire 1500. The orientation of the inlet and outlet on the pump are as seen in Fig1, which is a new old stock Rover TKC3417. The orientation is important, because it determines where the hoses go. If we could still buy this pump, there would be no need for any instructions, or any explanation. However, the pump is no longer available and there is no chance of it ever being made because the worldwide demand for this particular pump with the inlet and outlet just this way is very limited.



### What is Available?

We are fortunate that somebody figured out that if they made a pump with the inlet and outlet in the top portion of the body, and the top part of the body could be rotated to a variety of positions (called "clocking") the pump could be sold as a replacement for a range of discontinued fuel pumps. The pump we can buy comes to us with the inlet (2a) almost straight across from the actuating lever, and the outlet (2b) at what would be 8:00 o'clock on a clock face.

If you compare the original pump to the replacement pump, it is clear that the inlet and outlet are not pointing in the same directions. To install this pump, it will be necessary to remove the 6 screws that hold the top with the ports to the rest of the pump body.



## How To Change the Fitting Orientation

Remove the 6 screws, and lift off the top of the pump.  
Rotate it until you have the fittings in the position shown  
in Fig 3. Reassemble the pump using the original  
screws.

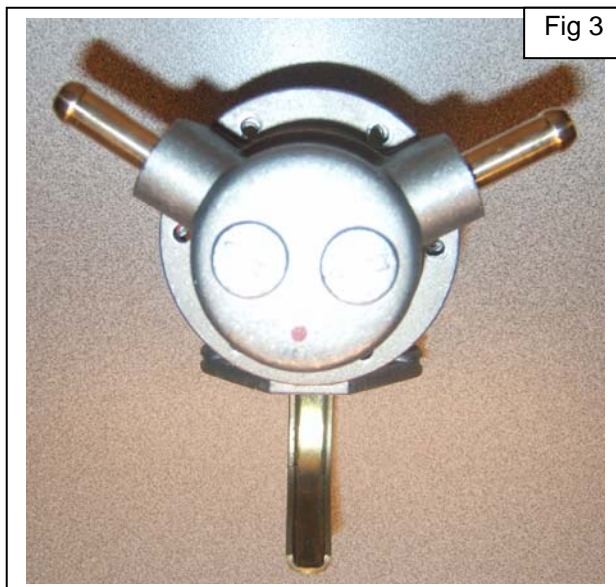


Fig 3

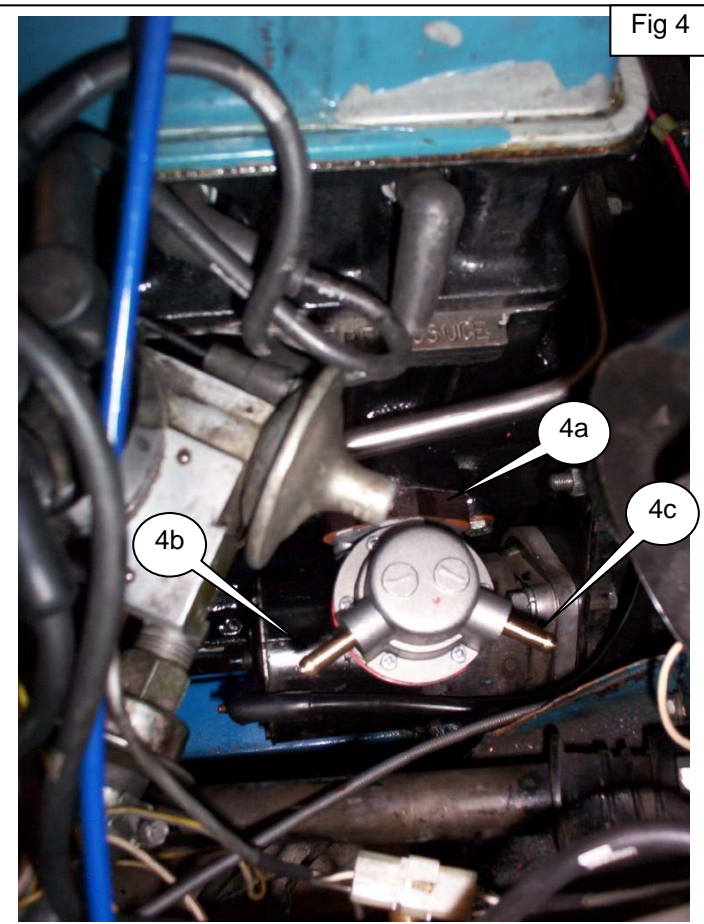


Fig 4

The pump is installed using the original spacer block (4a).

The inlet (4b) points more or less forward, while the outlet (4c) points toward the rear.

While we realize having to take the pump apart is an inconvenience, the alternative would be to not have a pump at all, and that is simply not acceptable. If a direct replacement pump ever becomes available, we will certainly offer it.

Although every effort has been made to ensure the accuracy and clarity of this information, errors and/or omissions on our part are almost inevitable. Any suggestions that you may have that will improve the information (especially detailed installation notes) are welcome. Please use the simple email form on the "Contact Us" page on the Moss website: <http://www.mossmotors.com/AboutMoss/ContactUs.aspx>. If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for help that we are often not able to answer the calls as fast as we'd like, and you may be asked to leave a message. We apologize in advance for the inconvenience. We will get back to you within 2 business days.



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