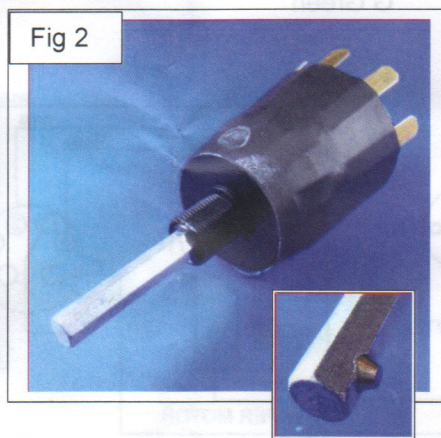
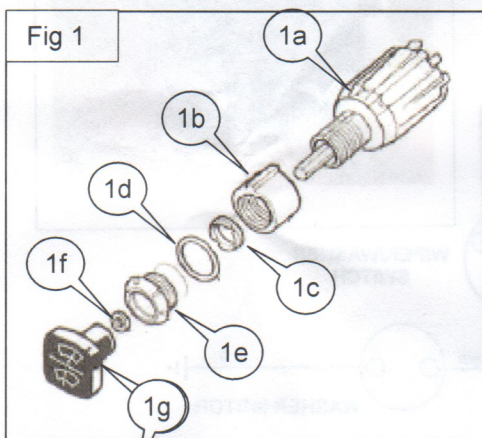


Supplemental Information & Instructions for 635-772 or 155496 Wiper/Washer Switch TR6, 73-76



About the Moss switch...

The Moss switch (Fig 2) is a new reproduction of the late TR6 Wiper/Washer Switch (Fig 3). This reproduction uses the original form & design as much as possible, excepting some improvements to enhance longevity of service and some minor changes to electrical terminals to reduce cost of manufacture. For example, the original plastic operating shaft has been replaced with a steel shaft with a spring loaded brass pin to secure the knob (1g, 635-775 or 725374).

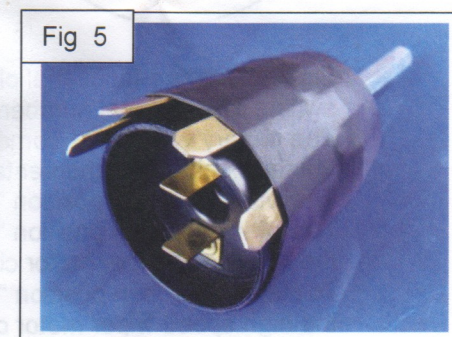
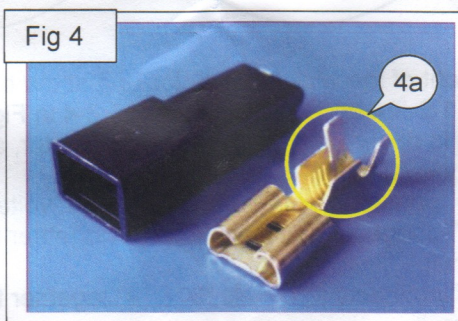
| Ref | Moss Europe | Moss US | Description | Qty | Notes |
|-----|-------------|---------|-------------------------------|-----|-------------------------|
| 1a | 155469 | 635-772 | Switch Assembly, reproduction | 1 | |
| 1b | 621510 | NPN | Spacer tube | 1 | Not Currently Available |
| 1c | 622682 | NPN | Nut, spacer tube to switch | 1 | Not Currently Available |
| 1d | 616048 | NPN | Washer, PVC | 1 | Not Currently Available |
| 1e | 622443 | 633-515 | Bezel, wiper/washer switch | 1 | Not Currently Available |
| 1f | 059445 | NPN | Pad, rubber | 1 | Not Currently Available |
| 1g | 725374 | 635-775 | Knob, wiper/washer switch | 1 | |

Non original parts required to fit this switch.

| | | | | | |
|-------|---------|---------|---|---|----------------------|
| Fig 4 | RTC220A | 161-520 | 1/4" Female LUCAR or "spade" connector | 6 | Brass or zinc finish |
| Fig 4 | RTC220A | 161-570 | Insulator for 1/4" Female LUCAR connector | 6 | Hard Plastic |

The original switch used several different sized connectors to help prevent mistakes when connecting the wires. Reproducing these odd sized connectors was cost prohibitive. We settled on 1/4" spade connectors (Fig 5) for all connections. These are readily available (most of us have some already). Order 161-520 & 161-570 from us if necessary.

Be aware that the crimp type connector (Fig 4) require special crimping pliers to curl the "tabs" (4a) back into the wire strands and the insulation around the wire. Squashing the tabs with a pair of pliers will not work.



On the original switch, the wiper terminals are numbered 1-2-3-4, and the numbering is on the **front** face of the switch body. (Fig 6). The wiring diagram shows the **back** of the switch, so the numbers are reversed, which can be confusing.

Wire Colors

N/LG Brown/light green

B Black

R/LG Red/light green

G Green

U/LG Blue/light Green

LG/B Light Green/blue

Fig 6

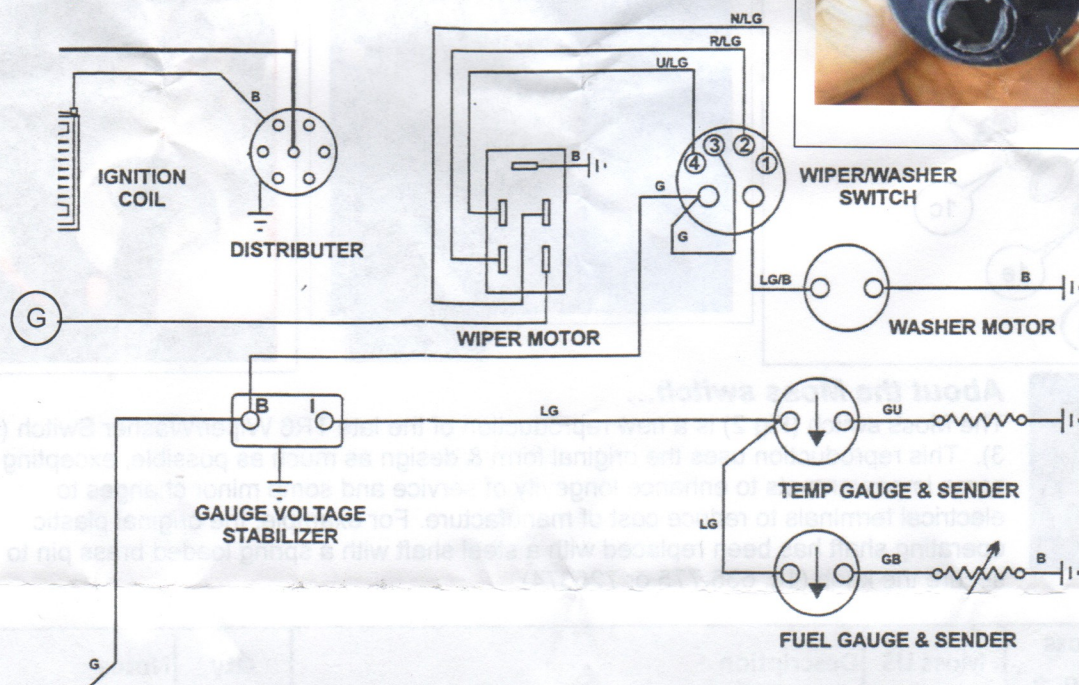


Fig 7

7a Rotary Switch in Position 0
Wiper Off

7b Rotary Switch in Position 1
Wiper Low Speed

7c Rotary Switch in Position 2
Wiper High Speed

7d Knob Pushed In & Held
Washer Pump On

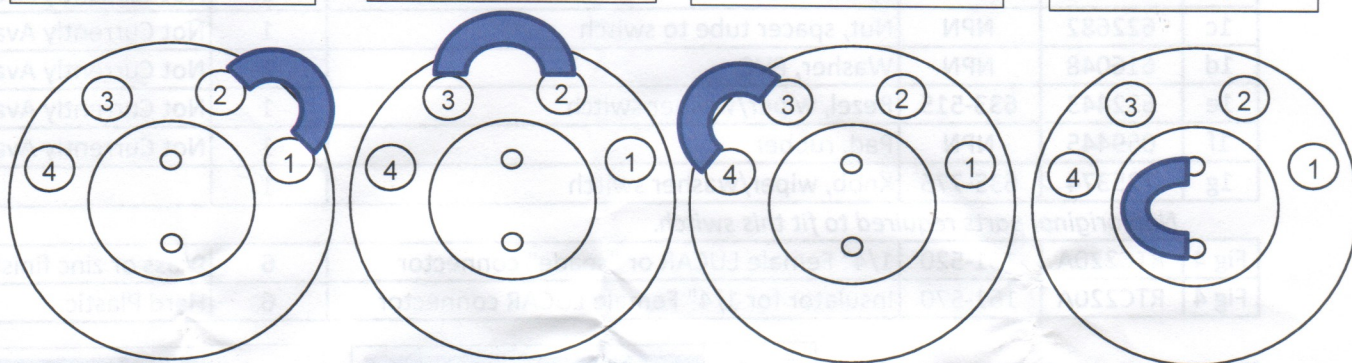


Fig 7 above is a functional pinout of the wiper switch, looking at the back of the switch. The terminal numbers 1-2-3-4 correspond to the 1-2-3-4 in Fig 8. The battery voltage B+ comes in on terminal "3" for the wiper motor, and on either of the terminals of the momentary switch for the washer.

7a Rotary switch in position "0" parks the wipers with a separate voltage supply.

7b Rotary switch in position "1" connects terminals "2" & "3" together to supply B+ to the low speed wiper motor circuit.

7c Rotary switch in position "2" connects terminals "3" & "4" together to supply B+ to the high speed wiper motor circuit.

7d Momentary switch for the washer supplies B+ to the washer pump only when the knob & plunger are pushed in.

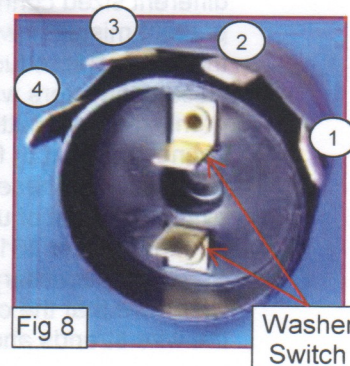


Fig 8

Washer
Switch

Assembly Tips

The assembly of the switch is quite straightforward, assuming you have all the pieces. The spacer tube (9a) has a flat on one side that matches the flat on one side of the threaded "nose" of the switch assembly.

The round nut (9b) that secures the spacer tube (9a) to the switch requires a special tool (9c, Moss 384-960).

The spacer tube goes on first (Fig 10).

The "nut" has two grooves in the edge, and the special tool has two "teeth" that match the two grooves. (Fig 11, 12).

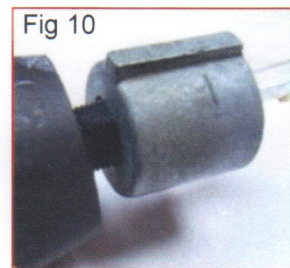
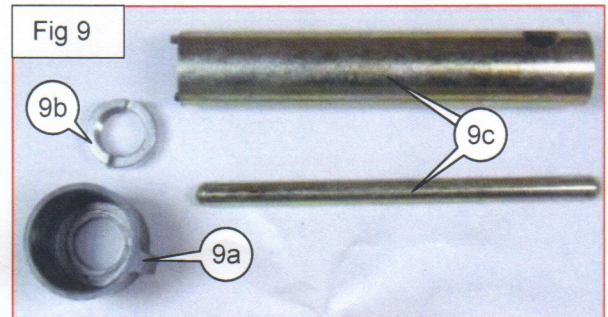
With the tool, it is a simple matter to tighten the nut (Fig 13).

Do take care when getting the nut started- you are threading it onto the threads in the plastic nose of the switch.

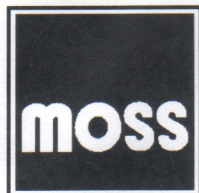
The rest of the assembly is simple and requires no further explanation.

We believe this switch represents a significant improvement over the replacements that have been offered for this application for several years. We also know that by providing additional information regarding the installation and wiring of the switch we make it less confusing and make it easier for you to install the switch.

Your comments are always welcome.



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 try to get back to you within 2 business days, but we are often overwhelmed and it takes longer. .



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