

MG YA/YB windscreen wiper usage

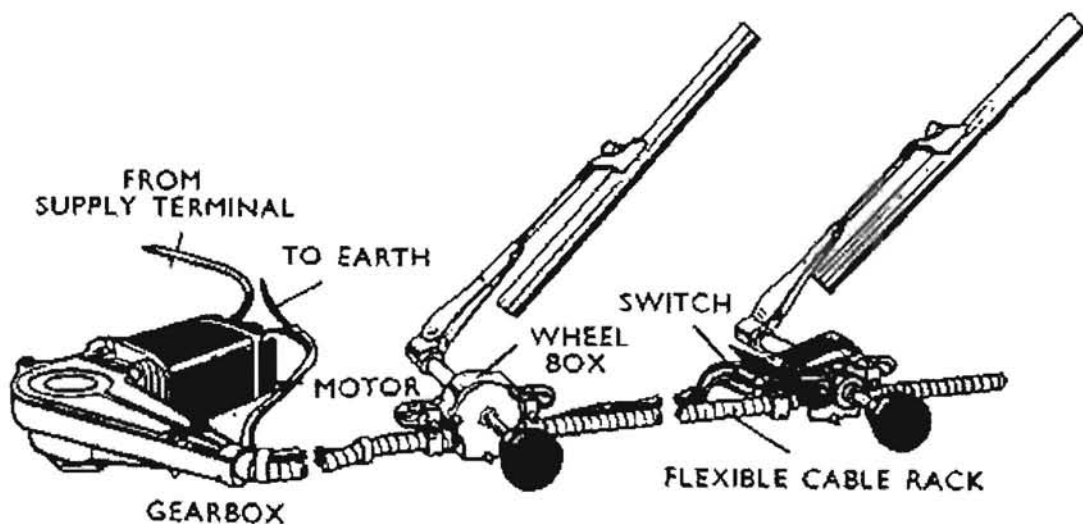
When I came to the wiper installation during my Y-type restoration, I saw all the components, the motor (model C.R.), the cable and the wheel boxes and I wondered how this should work, how to use it, how to place the wipers into the windshield and how to start the wiper function?

The workshop manual contains nothing. In Blower's manual I found some description about the usage. Then by chance I found some general information in the Lucas Technical Service brochure, Section 8. There are also some hints in the International Y-type Register's BBS about function and usage. But I missed a description how to set up these wiper parts properly and the use of the wiper when it rains?

The diagram below from the Lucas brochure Section 8.

AN ALTERNATIVE ARRANGEMENT

The arrangement illustrated in this picture provides for hand wiping and parking of either blade independently, the 'on and off' switch being incorporated in the wheelbox on the driver's side.



My first challenge was, how to get the motor running and the cable oscillating? That was soon clear, when I studied the driver's wheel box with the switch. Pulling the parking knob, closed the earth contact and started the motor. But how to get the wipers into the right position to wipe from left to right and vice versa? And after setting up the driver's wiper,

how to make the passenger's wiper to follow the driver's wiper?

Now I think I have got all the intended functions and want to write them down and help others with detailed explanations - at best with images.

Originally published in The Octagon Bulletin, March 2022 and reproduced here by kind permission.



The wiper arrangement with driving links (wheel boxes) and the push and draw cable.



Here we can see the conic bakelite ring which (in pressed-in position) opened the contact tongue of the switch



... and here the points, now open, which give earth (in closed position) to the wiper motor.

The parking knob is pulled out and the points are in contact, so the wiper motor runs now.



I marked the parking knobs to screw the wiper arms tight in the correct position



When the wiper motor was stopped at the left wiping end, the parking knob can be linked in (meaning pulled out) in the about 10 o'clock position.

Otherwise, when it was stopped it in the right end position it can be linked-in at the 2 O'clock position.

The Octagon Bulletin is the official publication of the MG Octagon Car Club'

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