



I can't give values for these components – as it's a long time since I did any of this stuff.....

Replace R1 and R4 with pots. R4 being the one on the dash – and with a higher capacity than R1. R1 can be one of those screwdriver only ones that fits on the circuit board.

You are trying to achieve Q2 to be powered up for between 2-8 ish seconds (Depending on your dash setting) and Q1 powered up for about 0.5 secs – (Just enough to trigger the wiper)

R5 just needs to be a load – it can be a resistor, a telltale bulb, or an LED (Shown)(If LED you must have a small resistor in line with it.) This will come on when the wiper signal is off – so doesn't need to be seen.

RE1 Is an automotive relay – probably one from a headlight circuit. The transistors used must be able to power the field windings on the relay, otherwise you may have to piggyback the transistors to amplify them.

P1 is constant power to the wiper motor.

P2 is the Speed 1 switched negative from the wiper motor

P3 is the Speed 2 switched negative from the wiper motor

P4 Is the negative from the wiper motor that is switched by the self park mechanism. This may be an earth through the body of the motor.

SW1 is power switch to the circuit.

SW2 is the existing wiper switch.

You may want to fuse the LHS of the circuit – size would depend on the field draw of the relay – probably very small value.

For a more techy explanation – this might help
<http://en.wikipedia.org/wiki/Multivibrator>