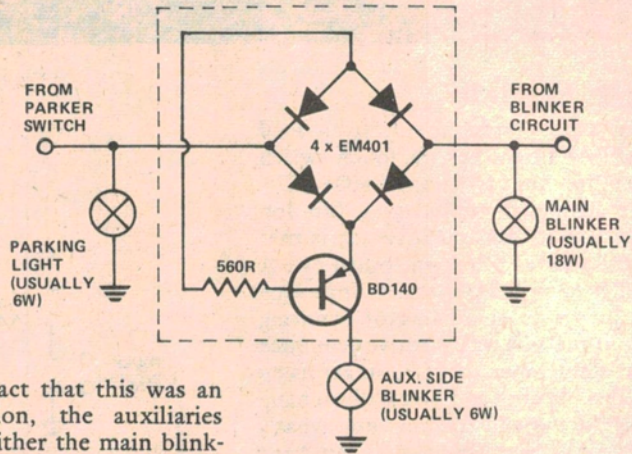


Blinker Controller

Having fitted a set of auxiliary blinker lights to his car, Kris McLean VK2ZKL of Granville Tech. was faced with the problem of how to turn them on and off. No problem, you say, put them in parallel with the main blinker circuitry.

That is all very well if all you want them to do is blink on and off, but what if you want:

- 1) The auxiliary lamps to go on when the parking lights are on.
- 2) The auxiliary blinkers to light at the same time as the main ones when the parkers are off.
- 3) The auxiliaries to go on in an inverted cycle (ie to light up when the main blinkers go out and vice versa) when the parkers are on — presumably for 'hazard flasher' operation.



Kris spotted the fact that this was an exclusive-or function, the auxiliaries coming on when either the main blinkers or the parking light was lit, but not if both were lit. He devised the circuit here which he then fitted into a plastic pill bottle (useful things) and inserted into the wiring at each side of his car.