

2 Jazz PU, S/Parallel, Mustang (8 pin) selector switch mod.

I've been playing around for a while with the idea of using a Jazzmaster 2 way switch and a Mustang 3 way switch for a series/parallel with a pickup selector (the 8 pin Mustang switch) mod. The original idea was having a series/parallel switch which only worked when the middle position in the selector switch was chosen. This is what I came up with.

First drawing is the circuit, second one is for series mode and last one describes parallel mode.

In **black**: ground wires

In **red**: hot wires.

In **blue**: PU 1 path in parallel

In **green**: PU 2 path in parallel

In **yellow**: PU 1 jumper- so as PU 1 works when position 1 is engaged in series mode/ useless in parallel mode as it becomes a closed path.

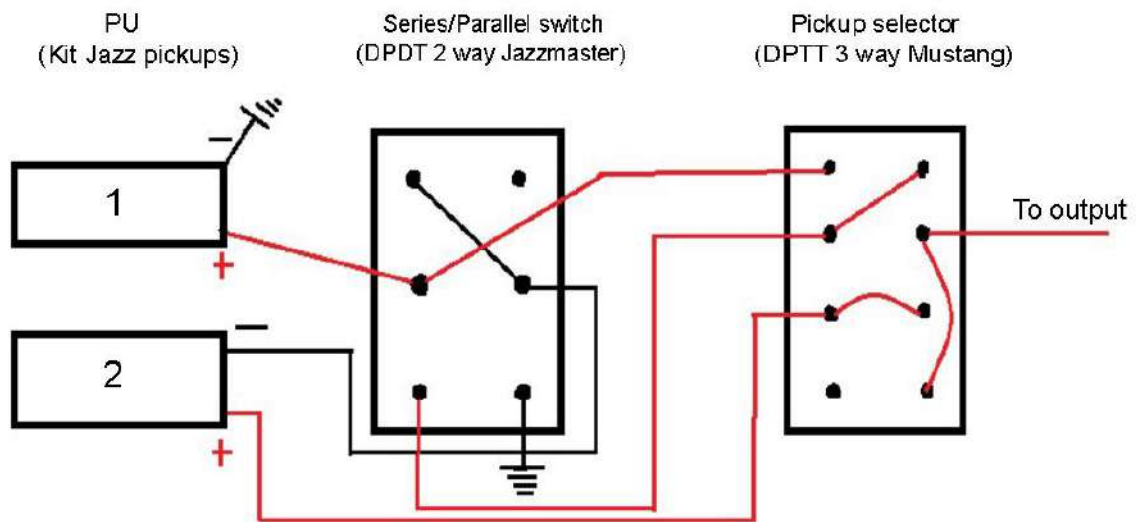
The build is based around the **yellow jumper** and the idea of having always a closed circuit (i.e: when engaging series and the upper position in the selector switch, it leads to "to output", in the right way, and a closed path, to its left [the left bottom lug of the s/p switch]). Its role is having the possibility of changing between the three pickup configurations (neck, neck+bridge, bridge) without getting a dead signal (I've seen other series/parallel builds having those and that's a big no for me), so it assures every position will throw a signal *to output*.

The possible configurations are described at the bottom.

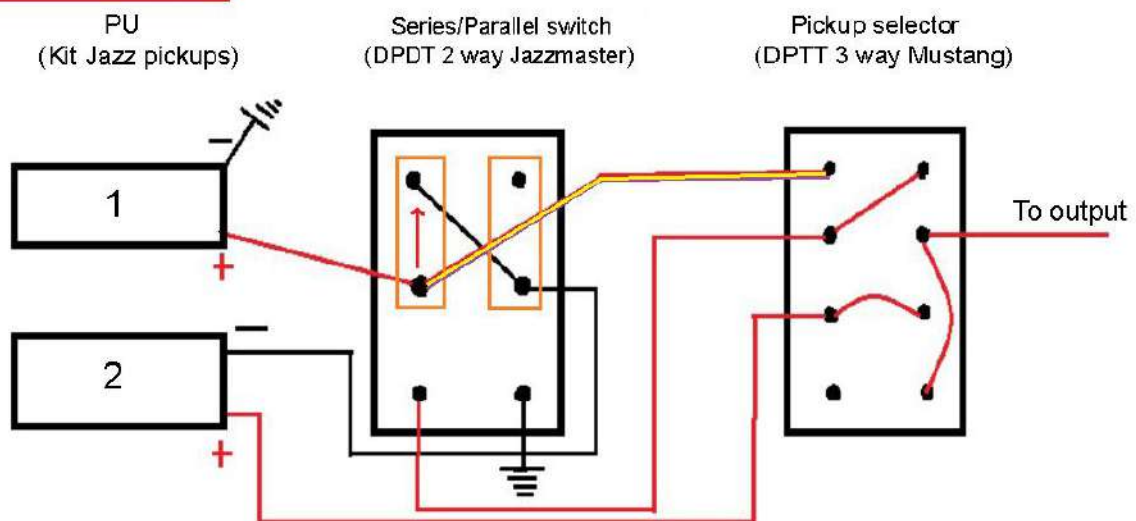
I've created this document as a summary of what I've gathered, hoping the circuit does actually work or at least someone reads it and can help me. Thank you for your time.

-Drepo.

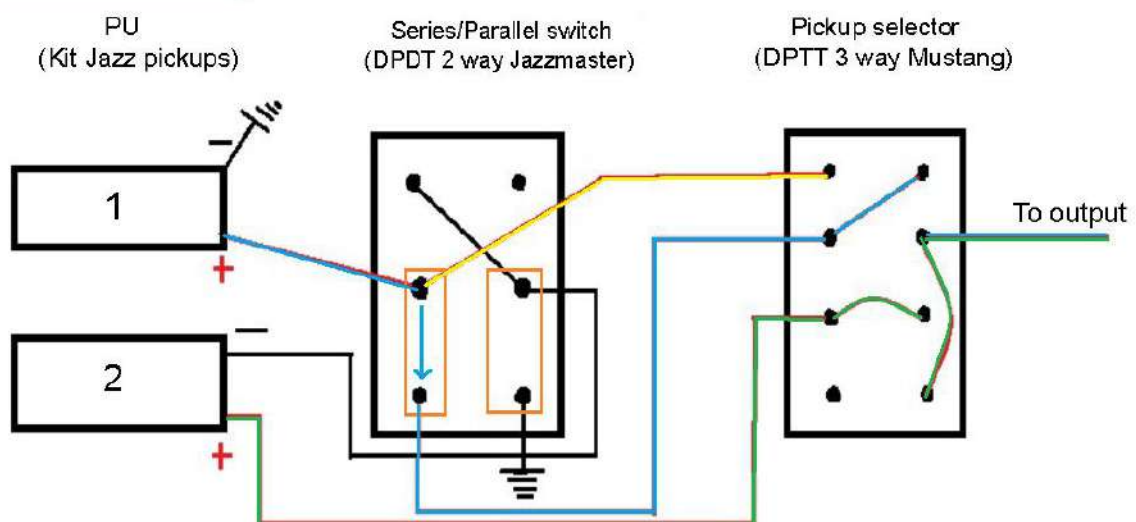
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Series engaged



Parallel engaged



Pickups working		switch selector		
		up	mid	down
series/ parallel	up(series)	1	1+2 (series)	1+2 (series)
	down(parallel)	1	1+2(parallel)	2