

Our T2Plus-Switch product is similar to our T2-Switch. It lets you directly control two separate pickup coils. This can be either two 2-wire pickups or one 4-wire pickup. Using one T2Plus-Switch will give you 6 pickup tones. You can use two T2Plus-Switch products with an HH, HSS or SSSS pickup configuration to give you 68 unique pickup tones. Using a push-pull pot (our VT-3 Volume-Tone control) you can achieve 102 pickup tones.

Pairing two of our T2Plus-Switch products is the equivalent to our T4Plus-Switch. The switch pair lets you use the push-pull tone pot of our **VT-3 Volume-Tone Control** to connect the switch portion of the push-pull pot to the two T2Plus-Switches. This lets you put pickup coils #2 and #3 into series to give you a total of **102 pickup tones** on your instrument.

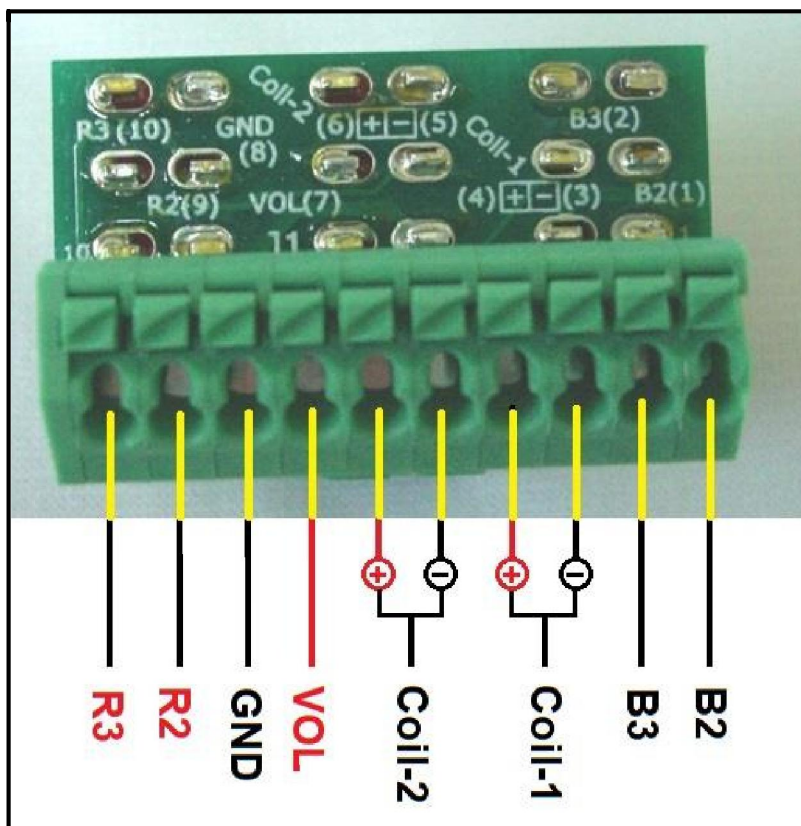
This lets you directly put all four pickup coils in series to get several incredible *jaw-dropping* **QuadraBucker™** pickup tones that are so “Fat”, they are... OBESE!

A. How It Works

Using the push-pull Tone control (*see our VT-3 Volume-Tone Control product*), you can electrically put Coil-2 and Coil-3 in series. With the Tone control shaft IN, pickup Coil-2 and Coil-3 are directly connected to their respective T2Plus-Switch. Pulling the Tone control shaft OUT puts Coil-2 and Coil-3 into a series circuit to give you 34 additional pickup tones.

The following pages identify how to connect two T2Plus-Switches to get 102 pickup tones.

Shown below is the terminal strip of our T2Plus-Switch. The 10-position terminal strip is used to connect your pickup wires and the VOL/GND wires on our VT-3 Volume-Tone control. The additional terminals (marked B2/B3 and R2/R3) are used to connect the 4 marked wires of the VT-3 push-pull tone pot switch.



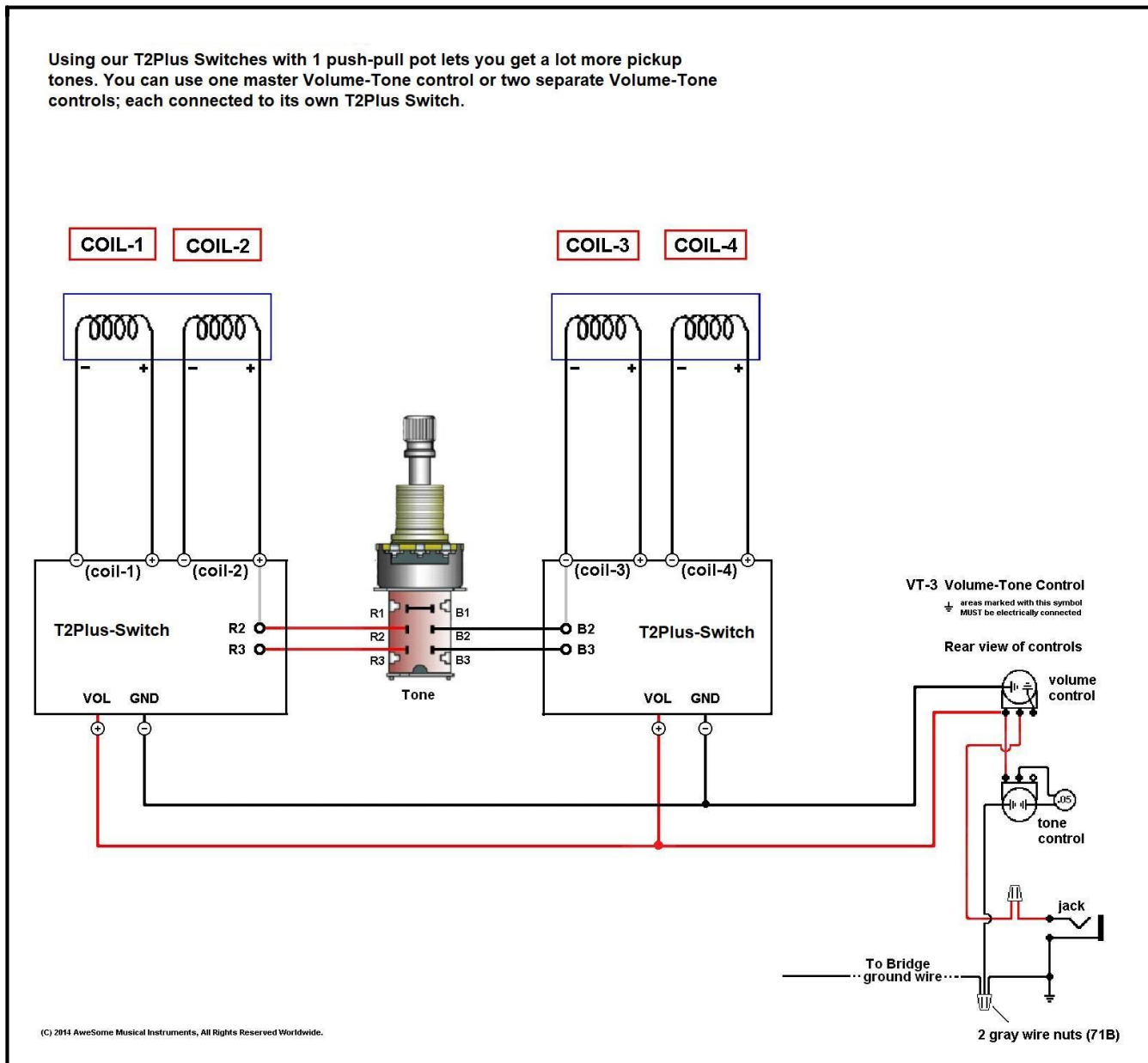
Each of the T2Plus-Switch products is set up at the factory and contains a jumper wire between B2/B3 and R2/R3 terminals.

If you will use the T2Plus-Switch products as a T2-Switch equivalent, do not remove these jumper wires.

If you intend to use a pair of our T2Plus-Switches along with our VT-3 Volume-Tone control (*or equivalent*), remove the B2/B3 jumper wire of one switch (*but do not remove the R2/R3 jumper wire.*) Also remove the R2/R3 jumper wire of the other switch (*but do not remove the B2/B3 jumper wire.*)

T2Plus-Switch Wiring – Using Our VT-3 Volume-Tone Control.

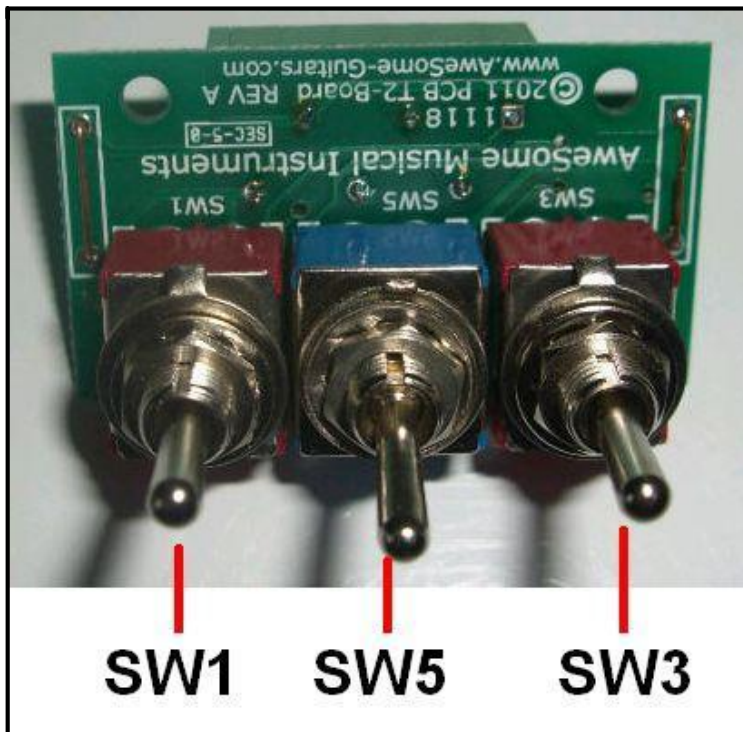
The below illustration shows how the push-pull pot wires of our VT-3 Volume-Tone control are connected to the two separate T2Plus-Switch products to produce **QuadraBucker™** pickup tones. When using two T2Plus-Switch products, you must remove the applicable jumper wire of B2/B3 and R2/R3 terminal strip.



B. HOW YOU USE THE T2PLUS-SWITCH

Here are how the switches of the T2Plus-Switch product are mounted and laid out from instrument rear to front:

(rear) SW1 SW5 SW3 (front)



Here is how the T2Plus-Switch is used:

- Switch SW1 controls pickup coil #1. Center position is Off, Down is *normal phase*, Up is *reverse phase*.
- Switch SW5 controls whether the two pickups are in Parallel connection (down) or Series connection (up)
- Switch SW3 controls pickup coil #2. Center position is Off, Down is *normal phase*, Up is *reverse phase*.

Using our T2Plus-Switch (with Switch SW5 in the Parallel (down) position), you can:

- Turn pickup coil #1 On,
- Turn pickup coil #2 On,
- Turn pickup coil #1 AND pickup coil #2 On in Parallel connection and in Normal Phase
- Turn pickup coil #1 AND pickup coil #2 On in Parallel connection and in Reverse Phase

Put Switch SW5 in the Up position to get the following two additional pickup tones with both pickups connected in Series. This gives you a warmer and more humbucking Jazz tone, that you just cannot get with your stock instrument. You get six pickup tones from each T2Plus-Switch.

- When you turn on both the Bridge AND Neck pickups On in Series and in Normal Phase (*gives you a Humbucker-like Jazz tone you can't get with the stock instrument.*)
- With both the Bridge AND neck pickups On in Series connection and in Reverse Phase (*gives you an intense country twang tone you can't get with the stock instrument.*)

C. Switch Table For The Added Tones

This Switch Table shows the **additional** pickup tone combinations when using our VT-3 Volume-Tone Control with two of our T2Plus-Switch products. See document #F on our Document Library for the first 68 pickup tone combinations. See document #G on our document library for all 102 pickup tone combinations.

##	T2Plus-Switch		Tone Pot	shaft is	T2Plus-Switch		Your Description Of The Pickup Tone	
	Coil4	Coil3			Coil2	Coil1		
	SW2	SW5	SW1		SW2	SW5	SW1	
69.			D	OUT	D			69.
70.			U	OUT	D			70.
71.	D		D	OUT	D			71.
72.	U		D	OUT	D			72.
73.	D	U	D	OUT	D			73. T
74.	U	U	D	OUT	D			74. T
75.	D		D	OUT	U			75.
76.	U		D	OUT	U			76.
77.	D	U	D	OUT	U			77. T
78.	U	U	D	OUT	U			78. T
79.			D	OUT	D		D	79.
80.			U	OUT	D		D	80.
81.	D		D	OUT	D		D	81.
82.	U		D	OUT	D		D	82.
83.	D	U	D	OUT	D		D	83.
84.	U	U	D	OUT	D		D	84.
85.			D	OUT	U		D	85.
86.			U	OUT	U		D	86.
87.	D		D	OUT	U		D	87.
88.	U		D	OUT	U		D	88.
89.	D	U	D	OUT	U		D	89.
90.	U	U	D	OUT	U		D	90.
91.			D	OUT	D	U	D	91.
92.			U	OUT	D	U	D	92.
93.	D		D	OUT	D	U	D	93.
94.	U		D	OUT	D	U	D	94.
95.	D	U	D	OUT	D	U	D	95. Q
96.	U	U	D	OUT	D	U	D	96. Q
97.			D	OUT	U	U	D	97. T
98.			U	OUT	U	U	D	98. T
99.	D		D	OUT	U	U	D	99.
100.	U		D	OUT	U	U	D	100.
101.	D	U	D	OUT	U	U	D	101. Q
102.	U	U	D	OUT	U	U	D	102. Q

Q = QuadraBucker pickup tone
(all four coils in series)
T = TroikaBucker pickup tone
(three coils in series)