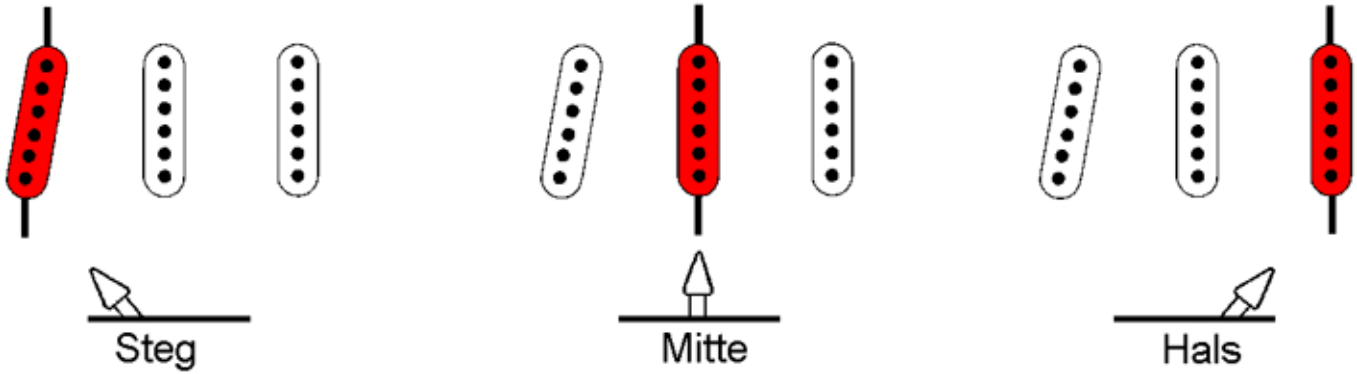
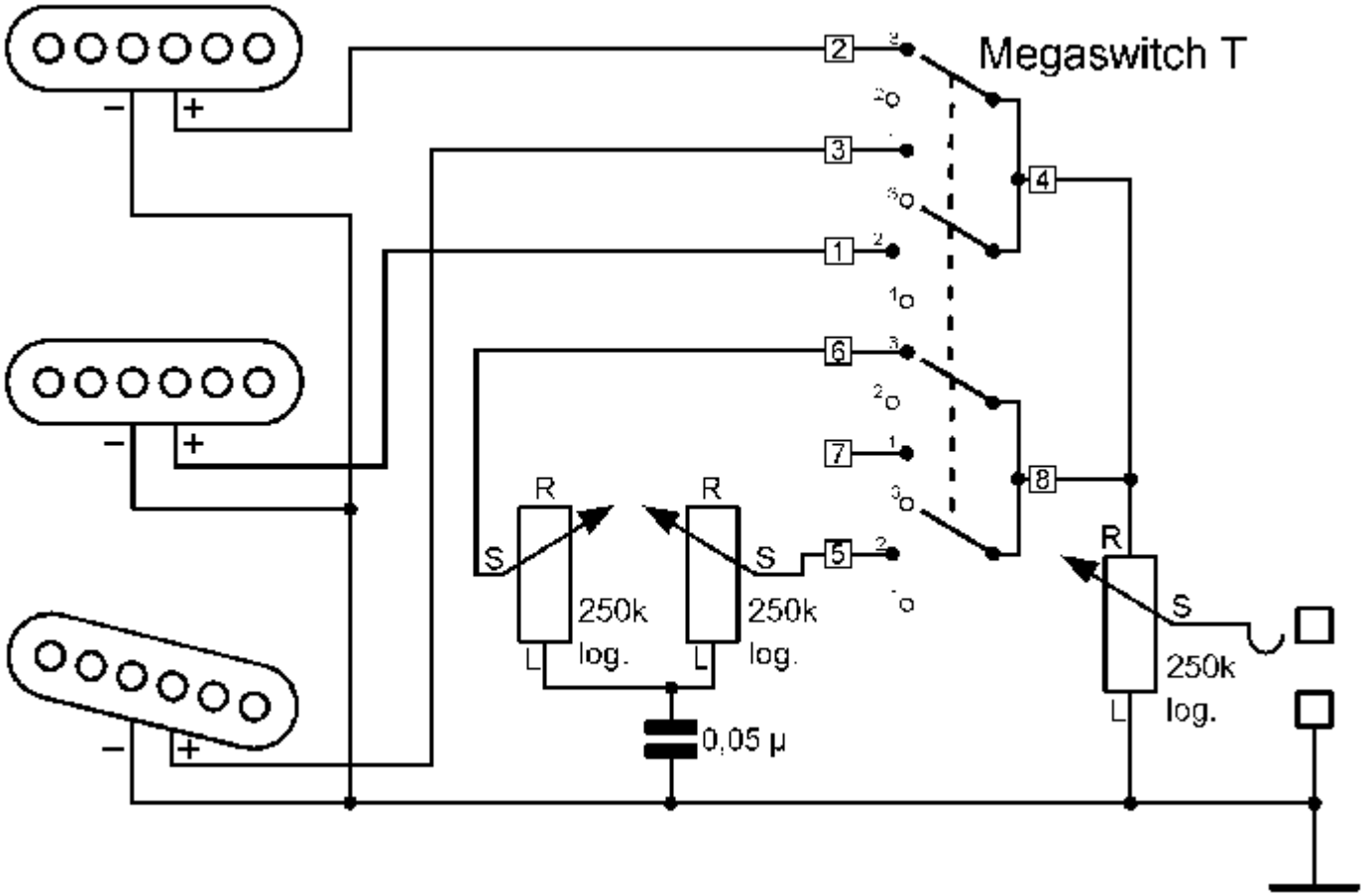
Megaswitch T

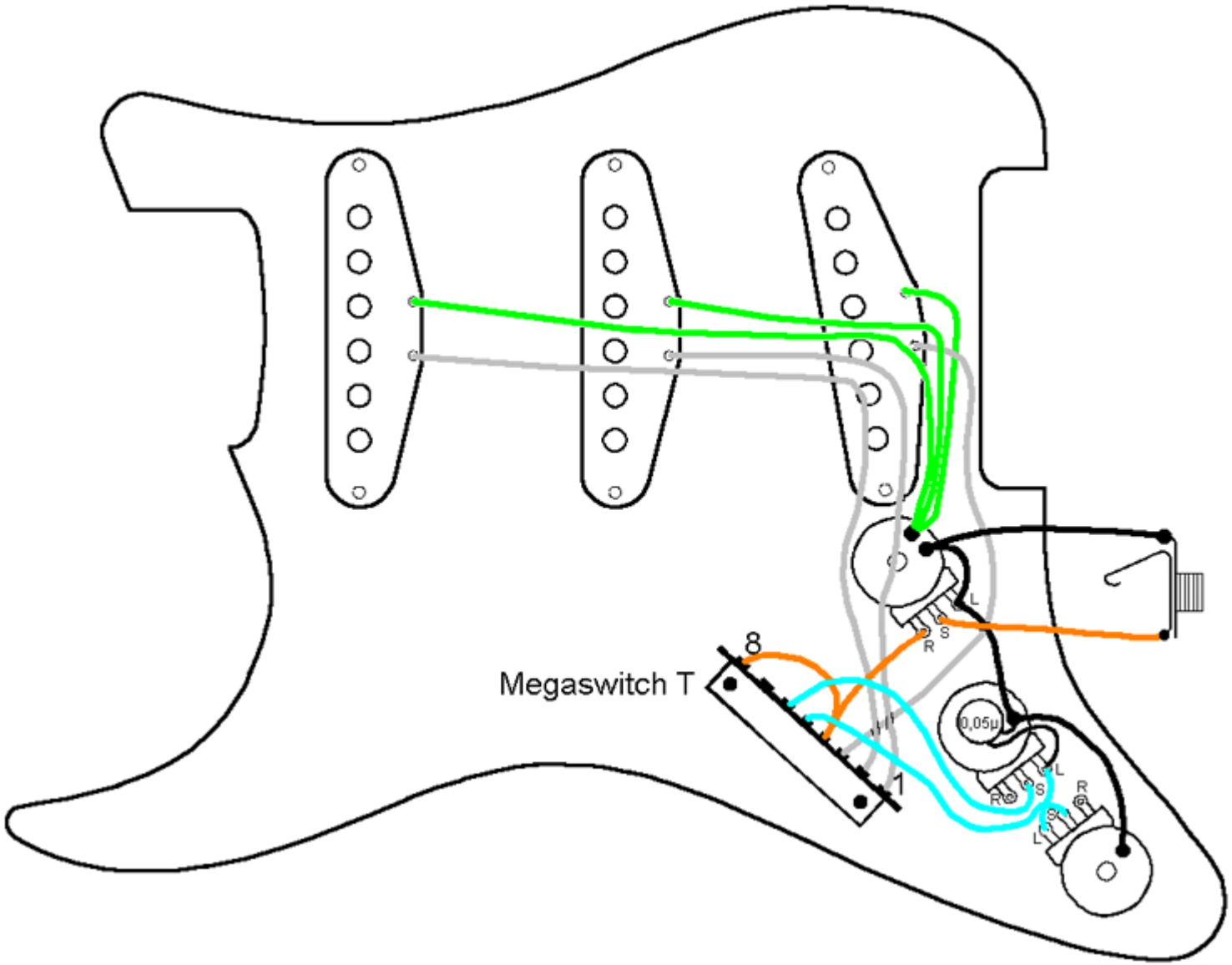
You can use Megaswitch T for the following switching positions:

SSS1

This ist he switching system of the old Stratocaster (Vintage) which was standard until the mid 1970s. For selecting the three single coil pickups, a three-position switch is required, such as the Megaswitch T. The neck and middle pickup have one tone control each; the pickup on the bridge has none. This pattern can be changed if required. All three pickups have the same magnetic polarity which means that undesirable buzzing isn't a problem in any of the switching positions.



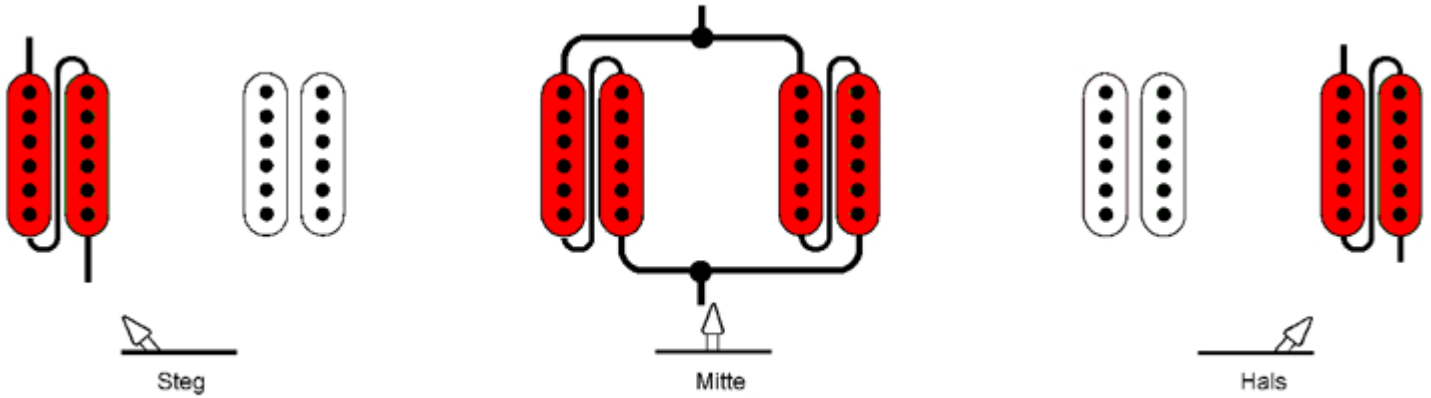

Megaswitch T
2
3
1
6
7
5
4
8
R
S
250k
log.
L
0,05 µ
−
+

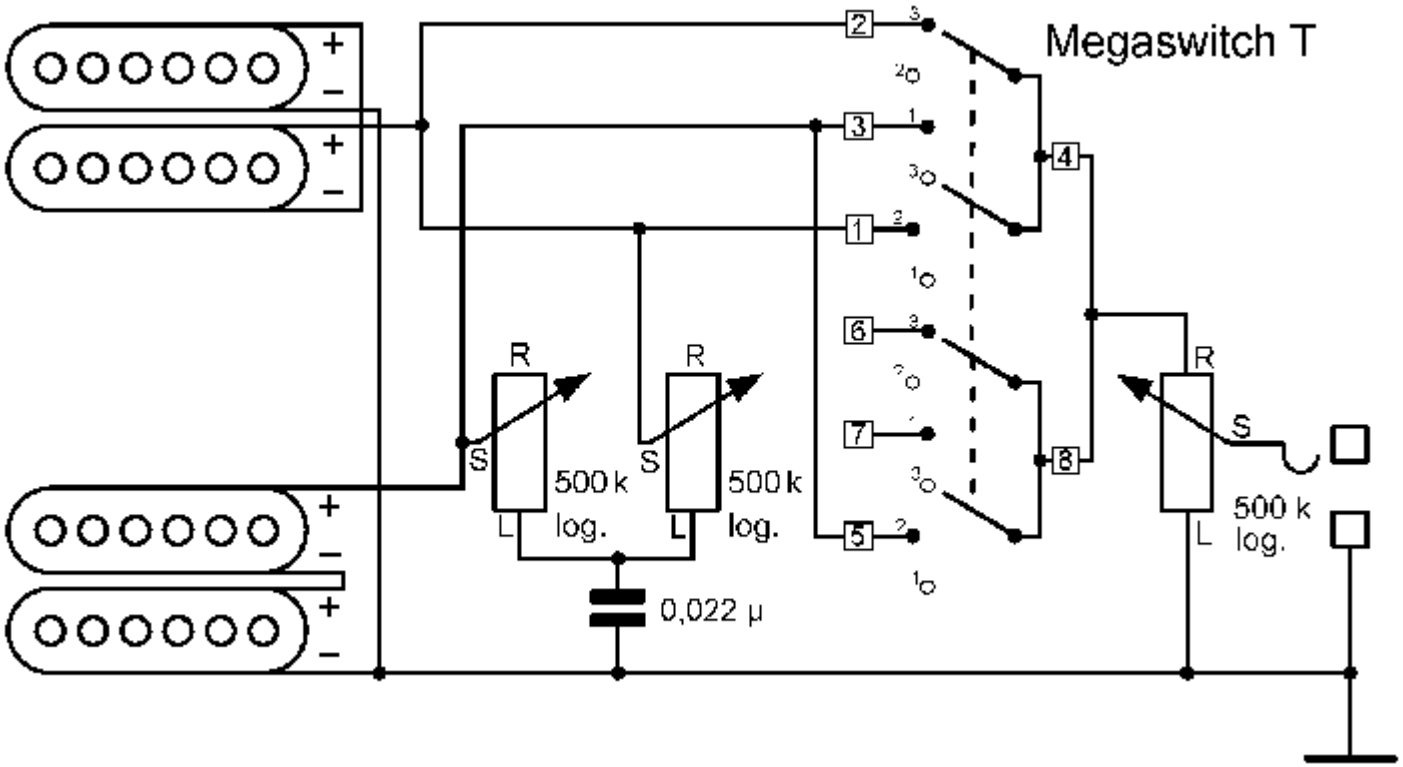

Megaswitch T
8
1
0,05µ
L
S
R

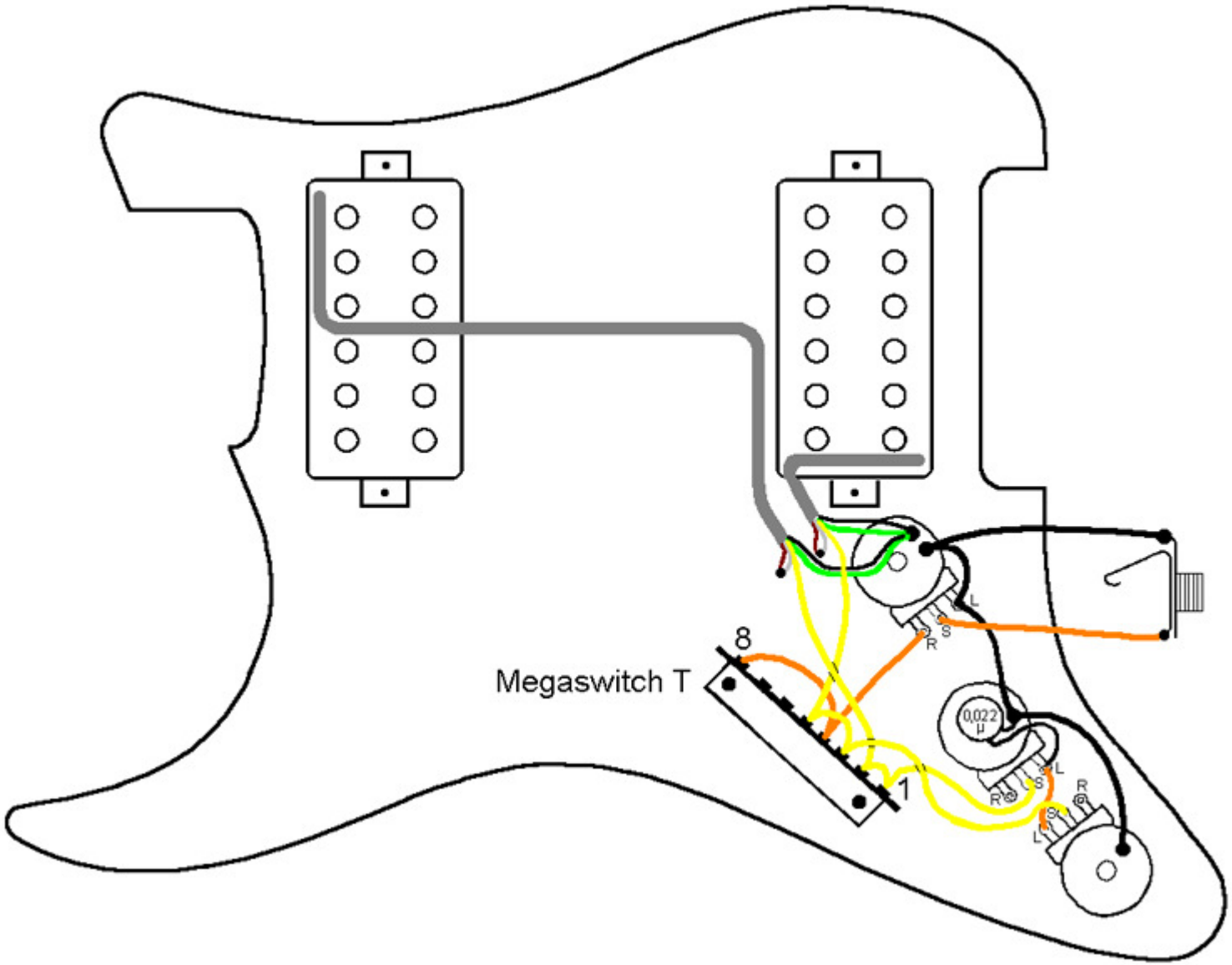
Note: The two tone controls can be configured in reverse simply by unsoldering the connections and reconnecting them elsewhere. If a tone control is required on the bridge pickup for example, this must be connected via connection 7.

HH1

In guitars with 2 Humbuckers, this is the simplest standard switching. The switches have 3 positions and control the bridge both parallel and the neck. Each one has its own tone control. The ideal switch for this application is the Megaswitch T.



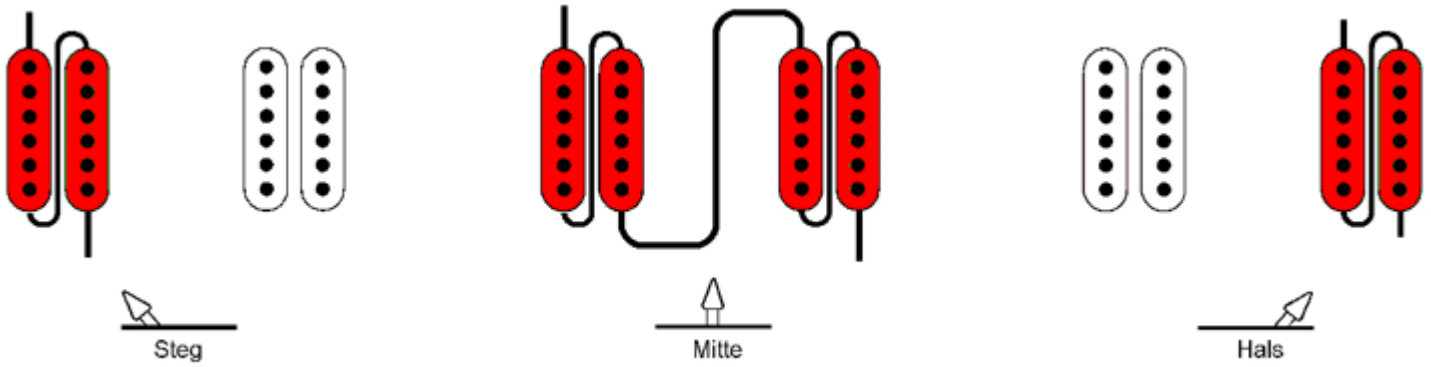

Megaswitch T
R
S
500 k
log.
L
0,022 µ
2
3
1
4
6
7
5
8

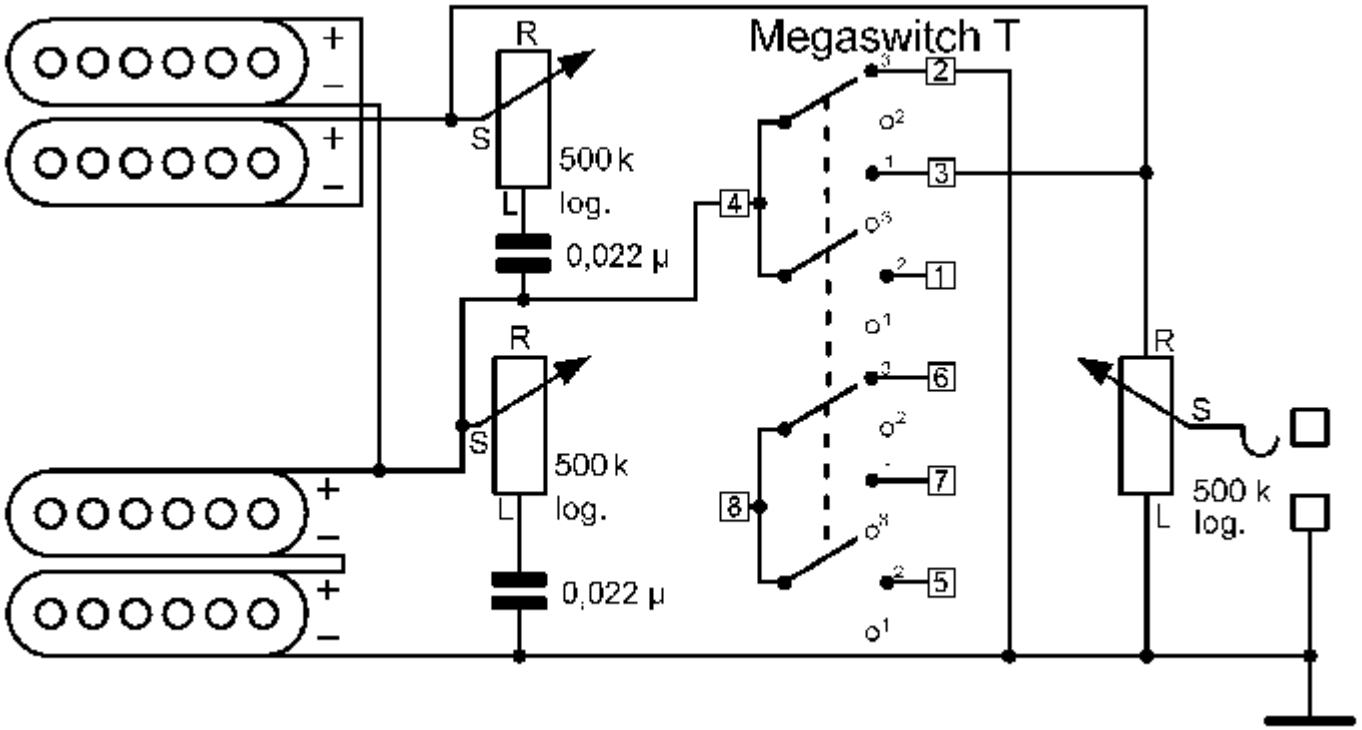

Megaswitch T
8
1
0,022 µ
L
S
R

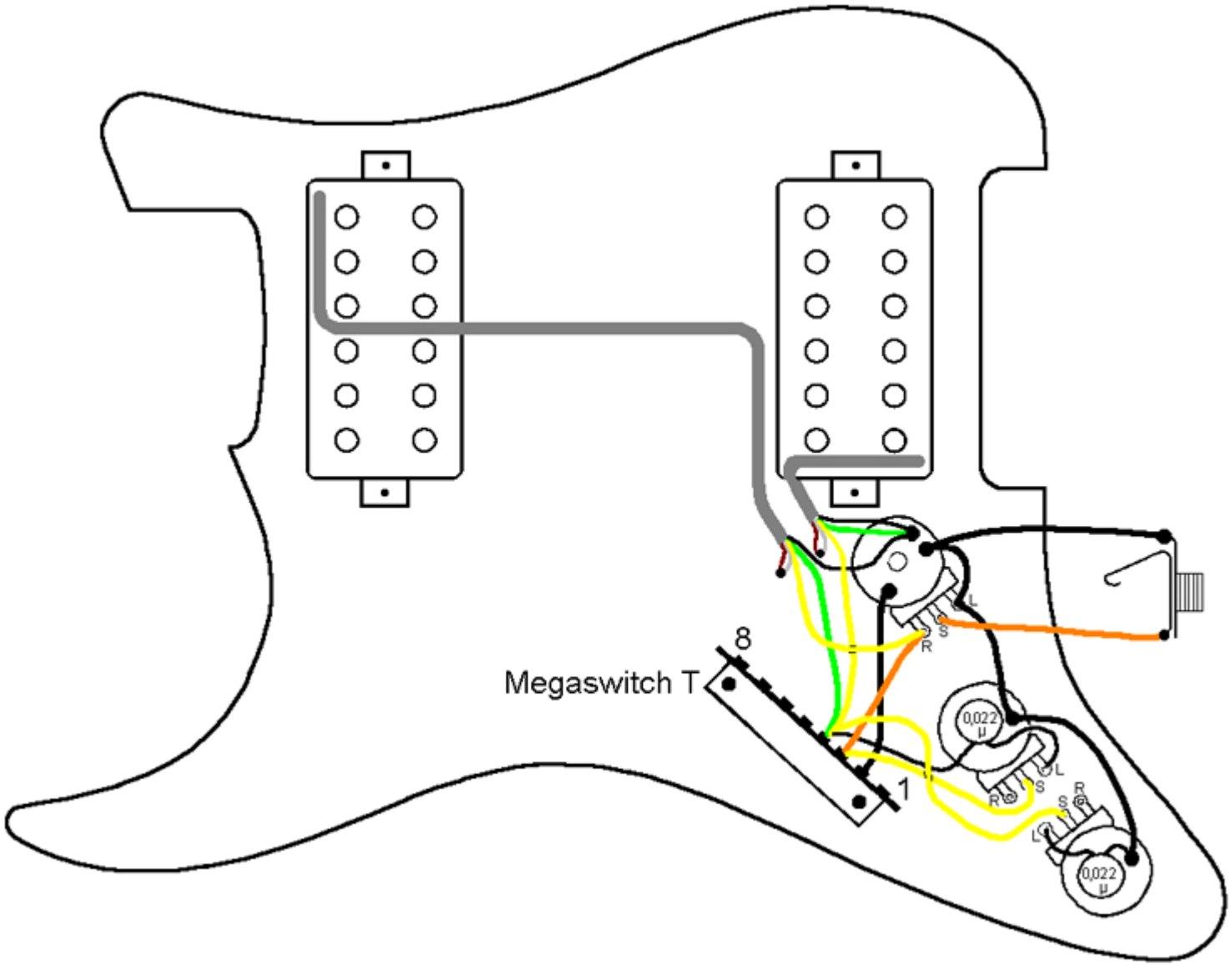
HH2

With this version, both Humbuckers are switched in series in the middle position. Compared to parallel switching, this results in a louder, fuller tone. In both outer positions, one or the other of the pickups is deactivated . Here, on the neck Humbucker, all coil connections must be disconnected from the earth/ground.

In the middle switch position, both Humbuckers are in series. Compared to parallel switching, this creates a louder, fuller tone. In both outer positions, one or the other pickup is deactivated. Here, all coil connections on the neck Humbucker must be disconnected from the earth/ground. This means that Humbucker types with single-core insulated cables are unsuitable. If the high frequencies are to be reduced in the middle position, both tone control knobs should be used to achieve this. Megaswitch T is the ideal choice in this case.

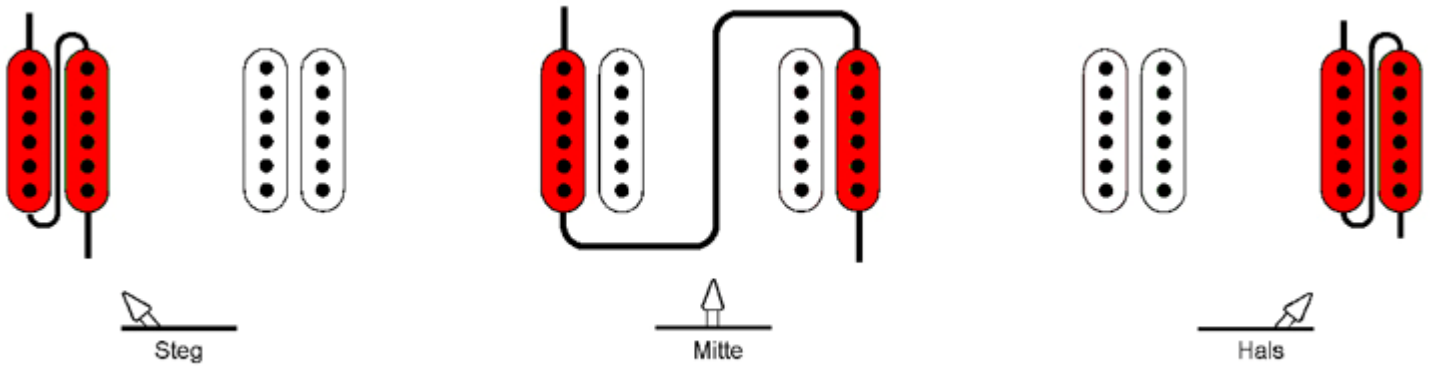


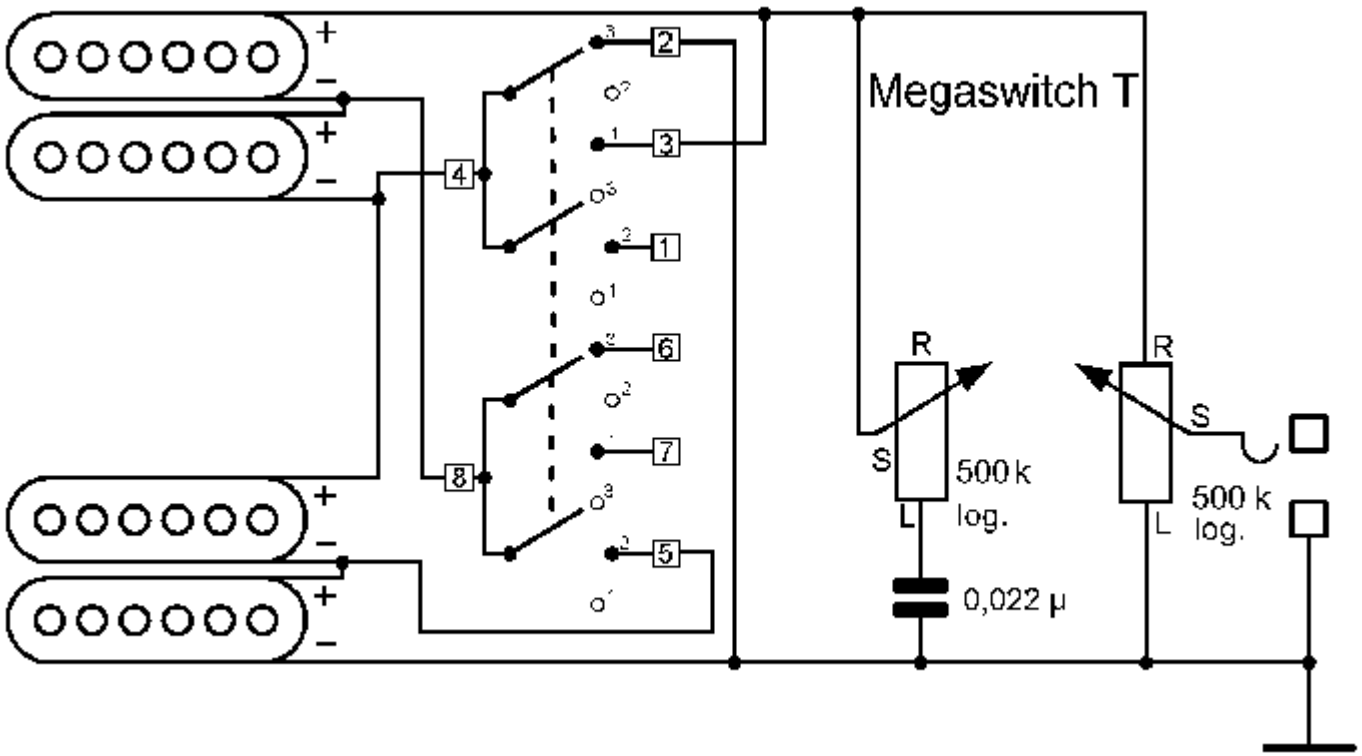

Megaswitch T
R
S
500 k
log.
L
0,022 µ
R
S
500 k
log.
L
0,022 µ
R
S
500 k
log.
L
+
–
+
–
+
–
+
–
1
2
3
4
5
6
7
8

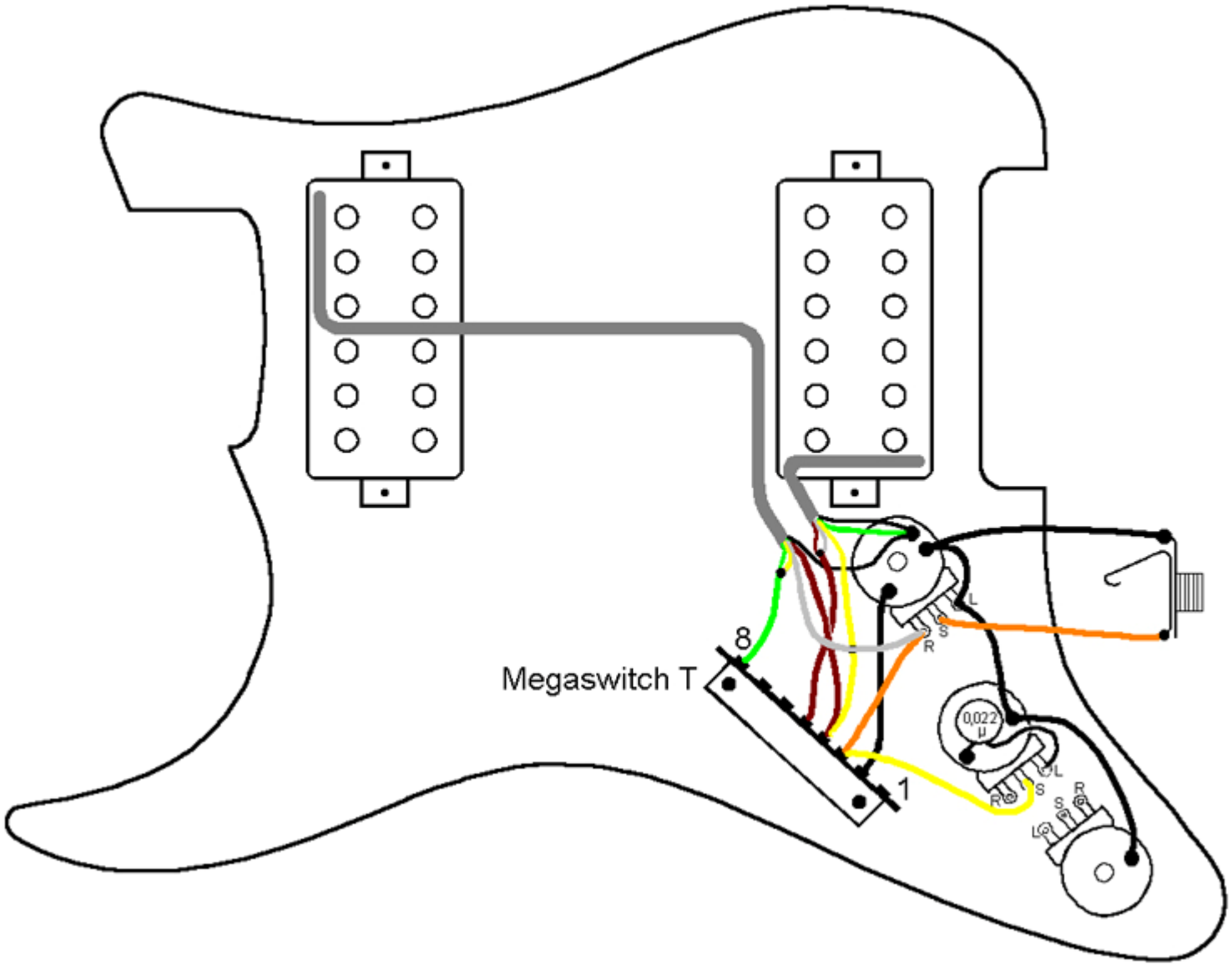

8
Megaswitch T
1
0,022 µ
0,022 µ
L
S
R
L
S
R
S
R
L

HH3

With this version, the middle switch position splits both Humbuckers, although the remaining coils (here the outer ones) are switched in series. Both inner coils are deactivated. This creates a brighter sound compared to coils in series which are not split. It is also possible to activate both inner coils or additionally, an outer and an inner one. In this case, both coils on the Humbucker must be reversed. The middle switch position is buzz-free when a north pole and a south pole coil operate simultaneously. For this switching position, just a single tone control is advisable. The Megaswitch T is the ideal switch for this application.



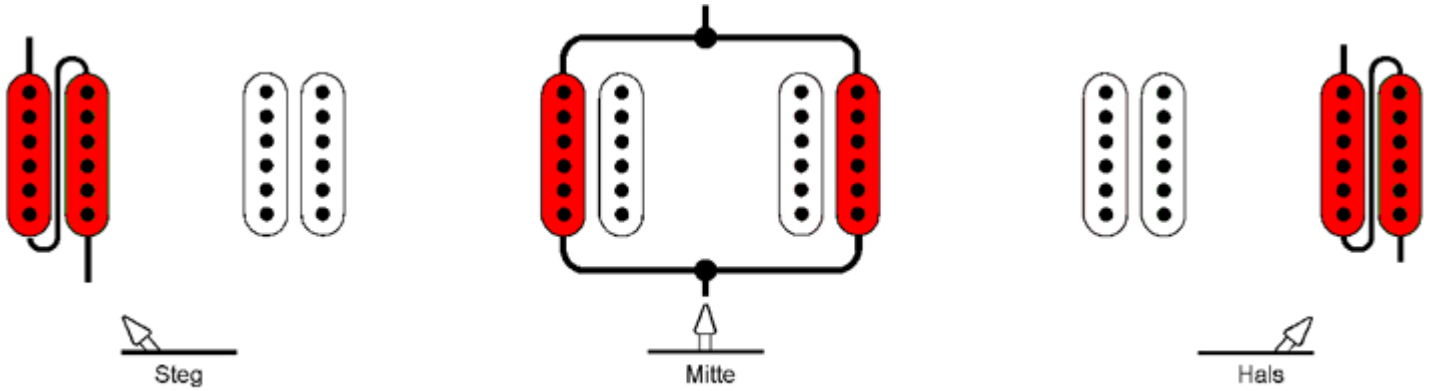

Megaswitch T
R
S
L
500 k
log.
0,022 µ
R
S
L
500 k
log.

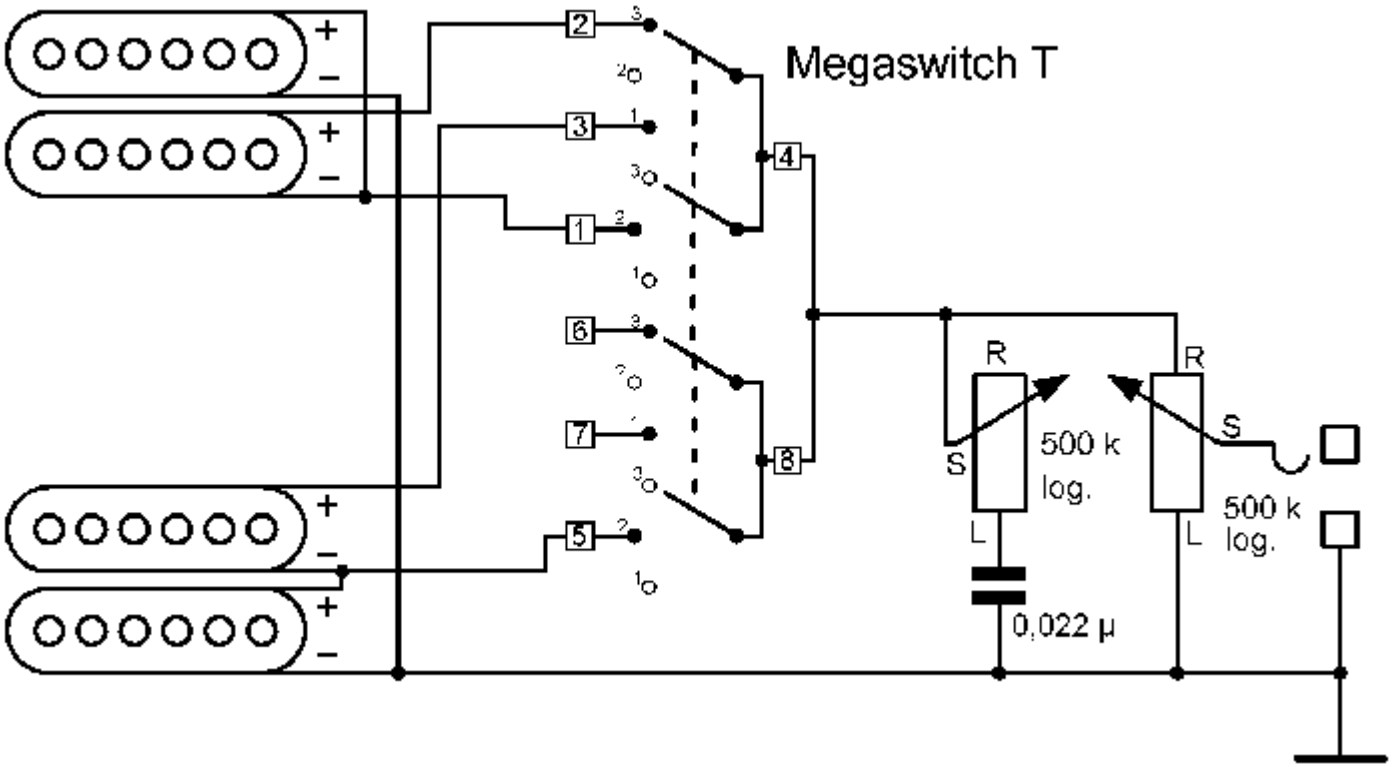

Megaswitch T
8
1
0,022 µ
L
S
R

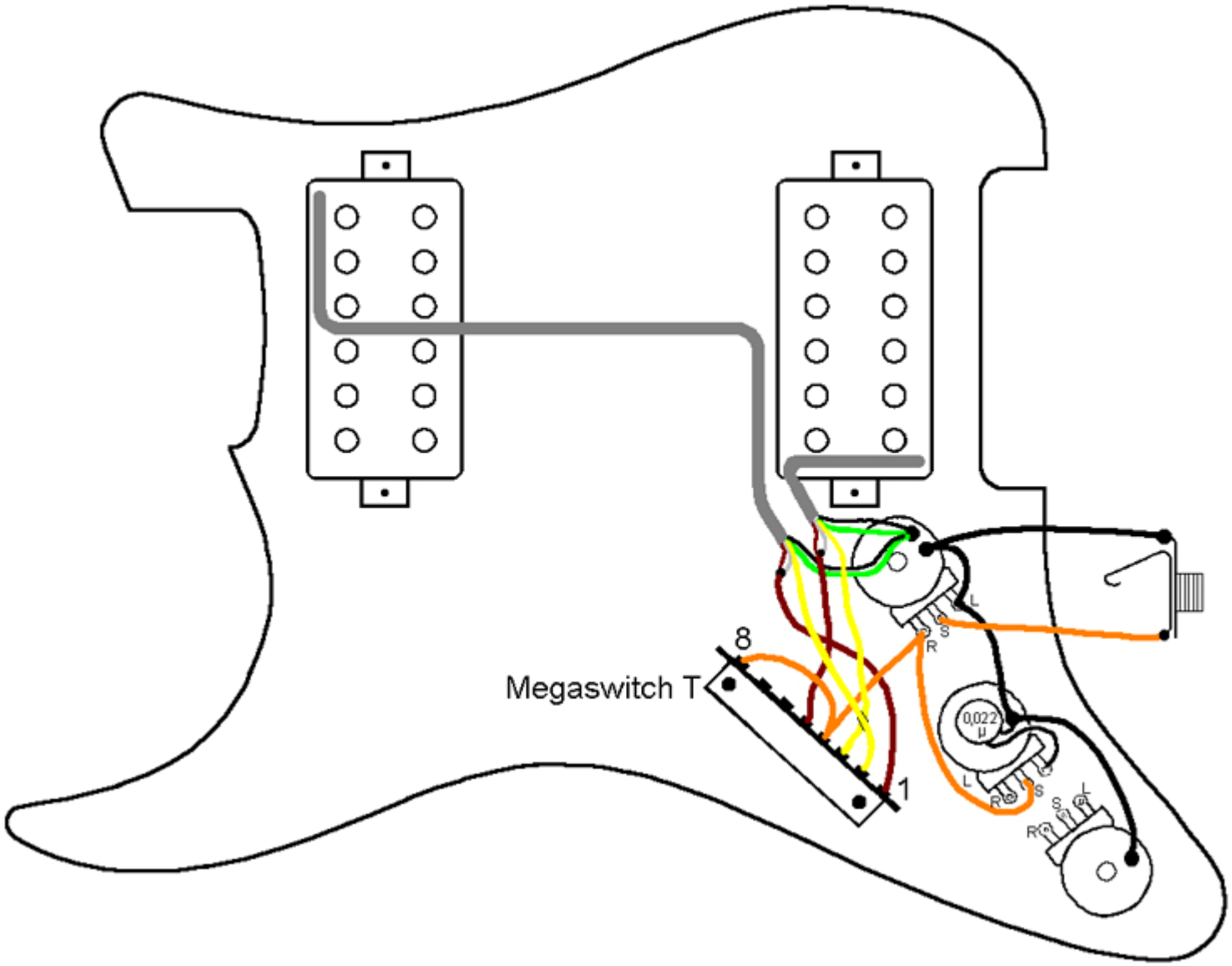
HH4

In this version, the middle switching position splits both Humbuckers and the remaining coils (the outer ones in this case) are switched in series. The two inner coils remain open. Compared to non-split parallel switching, this creates a brighter sound. It is also possible to leave both inner coils, and additionally, an outer one in operating mode.

To achieve this, the coils of both Humbuckers must be reversed accordingly. The middle switching position is buzz-free, when a north pole and a south pole coil are in operating mode. In this switching version, just a single tone control is advisable. The Megaswitch T is ideal for this purpose.

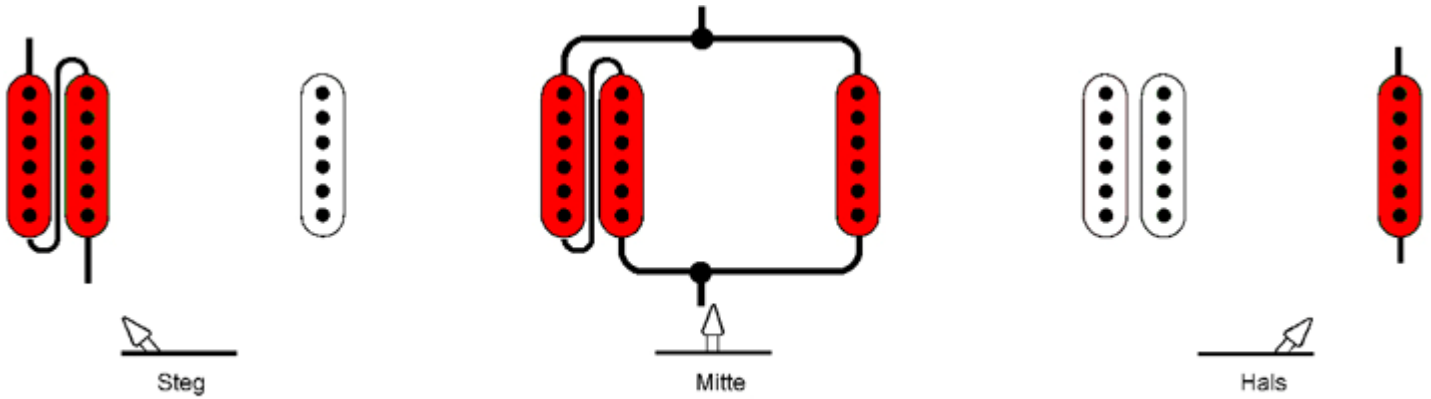


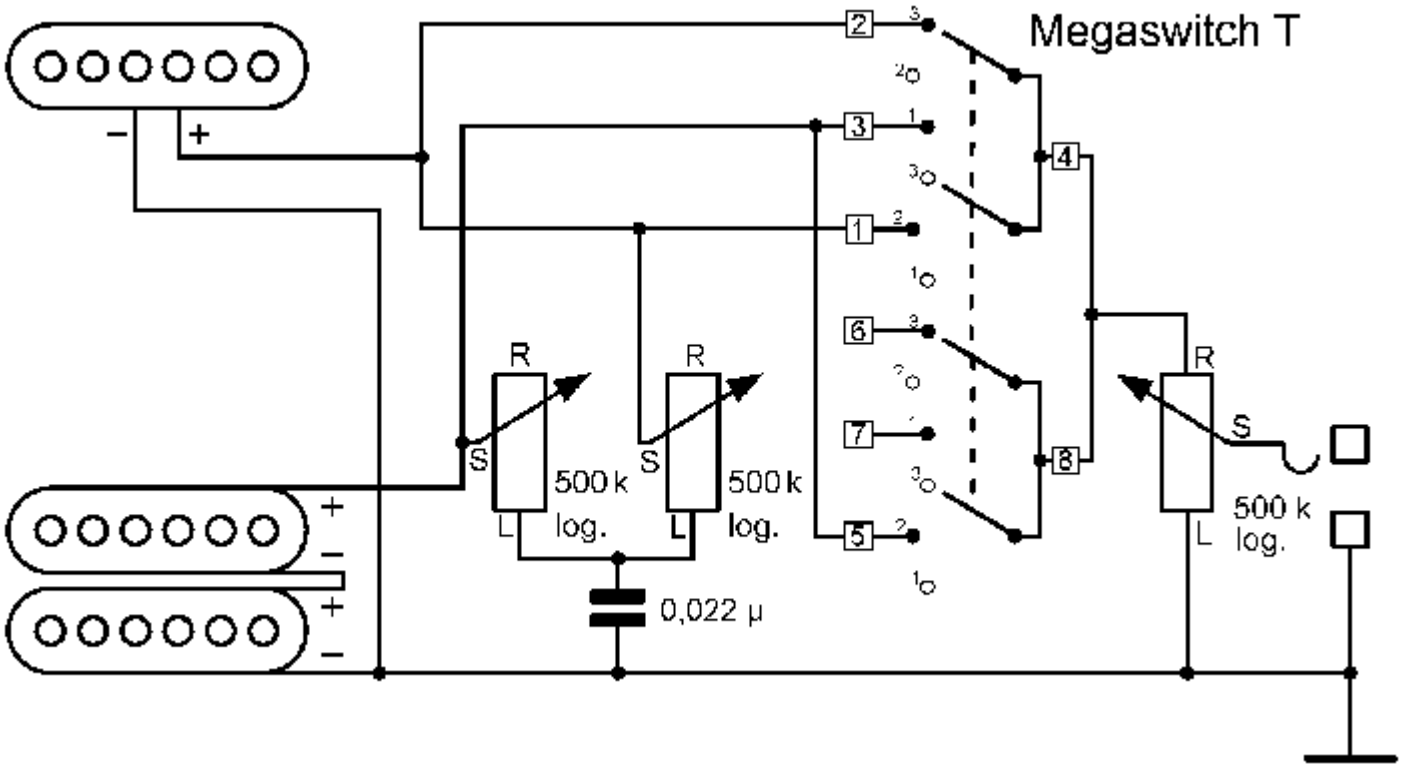

Megaswitch T
+
–
+
–
+
–
+
–
2
3
1
6
7
5
4
8
R
S
500 k
log.
L
0,022 µ
R
S
500 k
log.
L

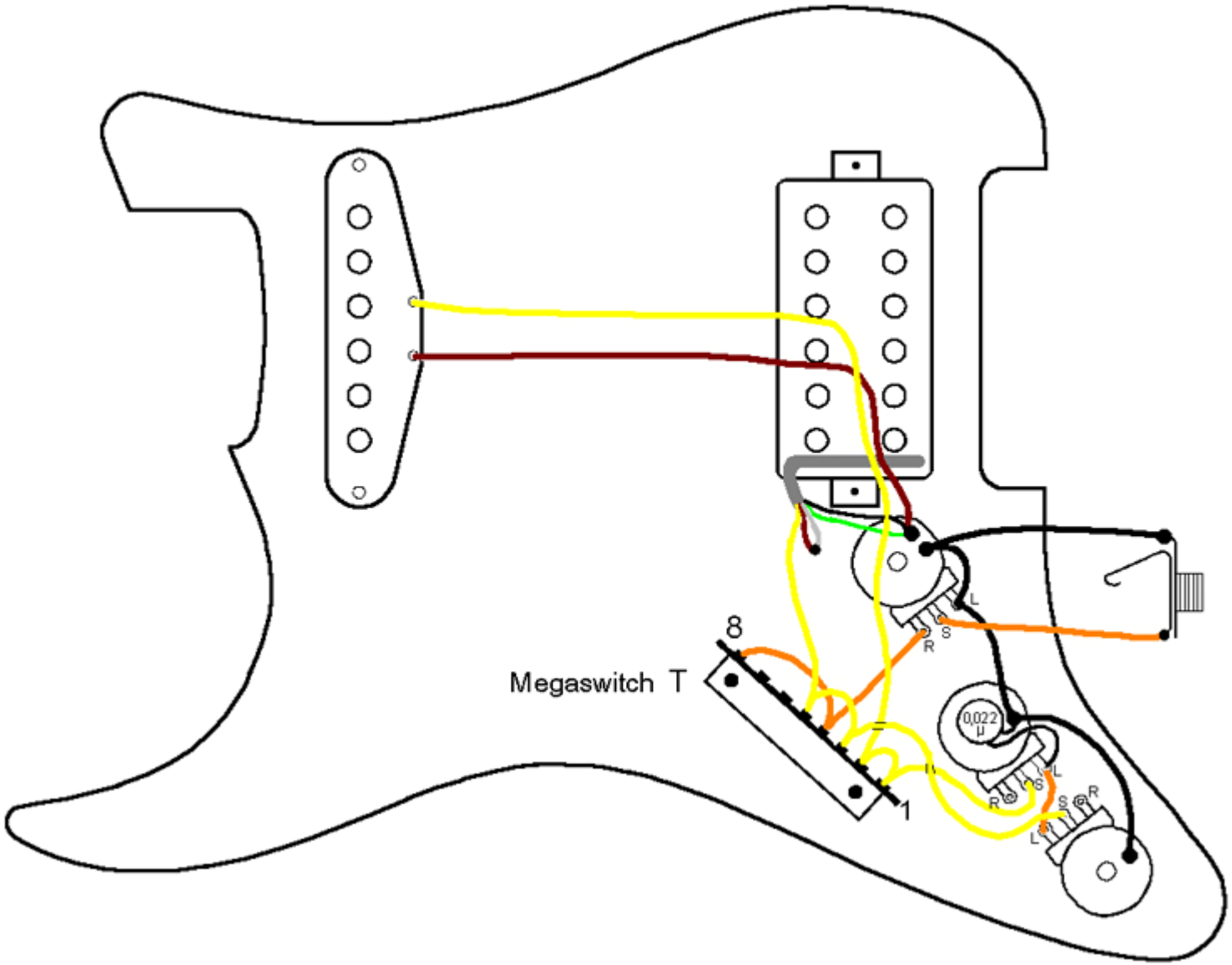

Megaswitch T
8
1
0,022 µ
L
S
R

HS1

This is the simplest switching system for guitars with a Humbucker on the bridge and a single coil on the nick. The switch has 3 positions and operates the bridge, both parallel and the neck . Each one has its own tone control. The Megaswitch T is ideal for this purpose.

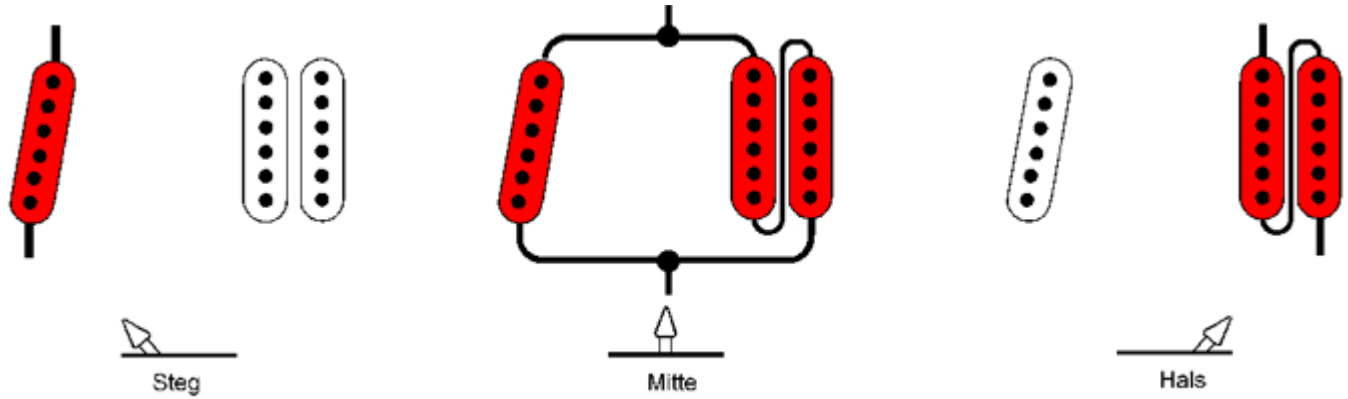


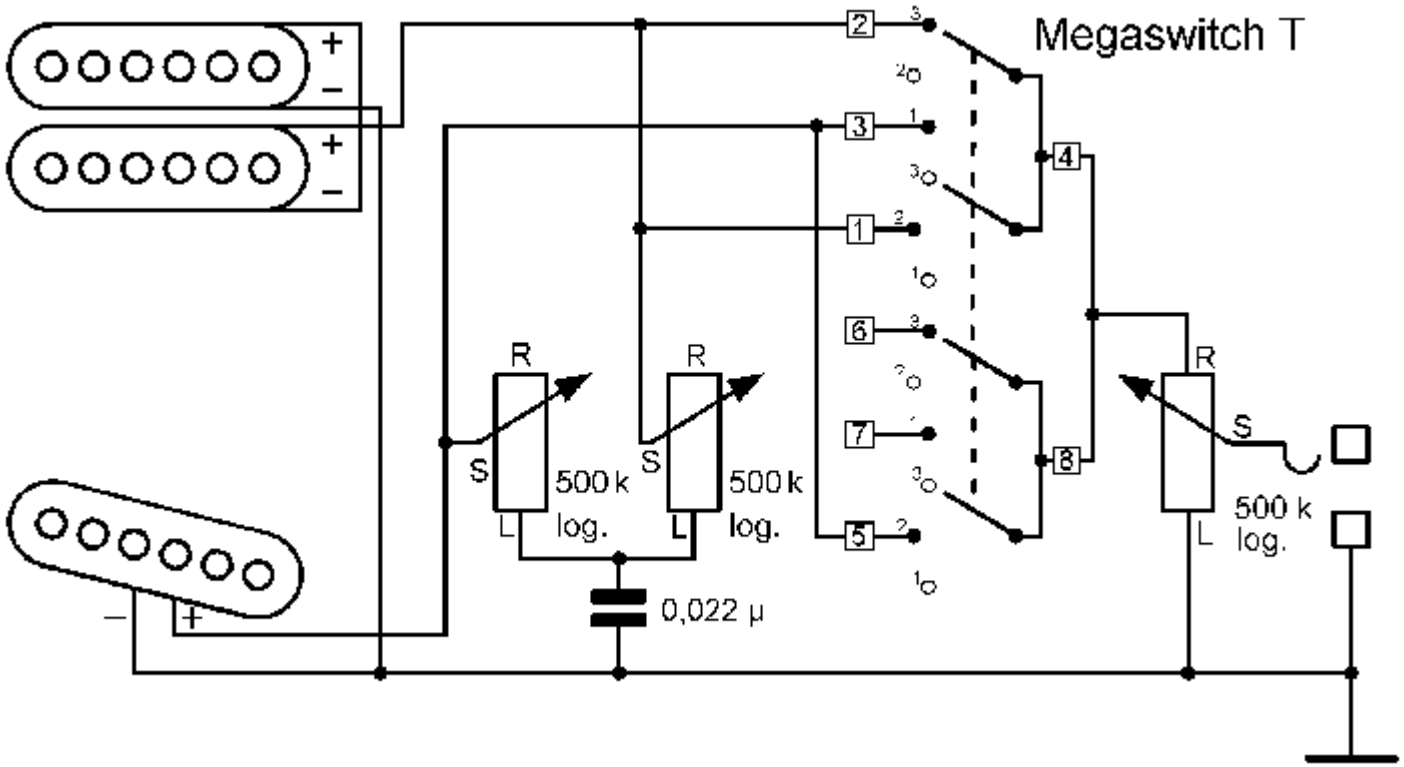

Megaswitch T
2
3
4
1
6
7
8
5
R
S
500 k
log.
0,022 µ
+
–

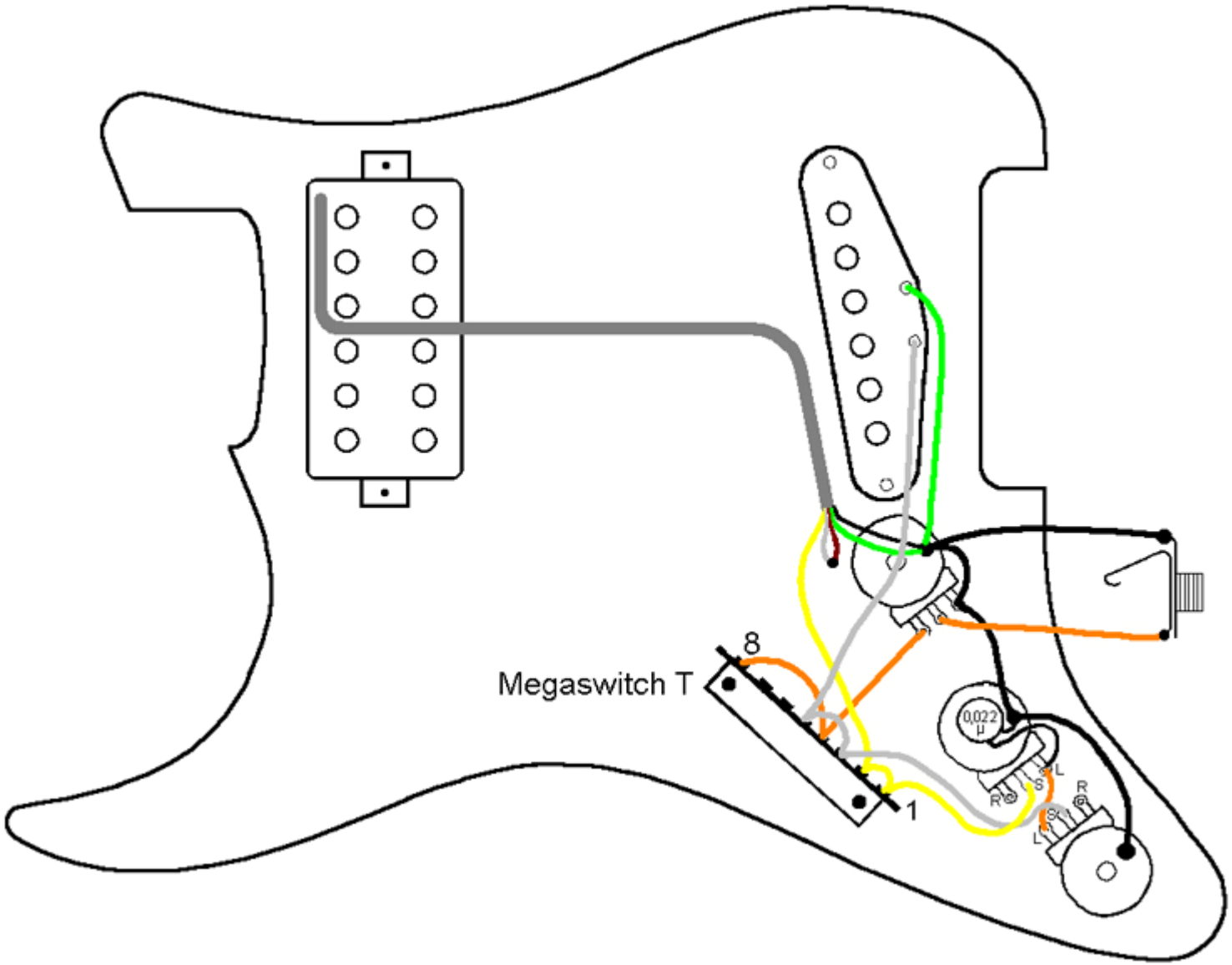

8
Megaswitch T
1
0,022 µ
L
S
R

SH1

This is the simplest standard switching system for guitars that have a single coil on the bridge and Humbucker on the neck. The switch has 3 positions and operates the bridge both parallel, and the neck. Each has its own tone control. The Megaswitch T is ideal for this application.

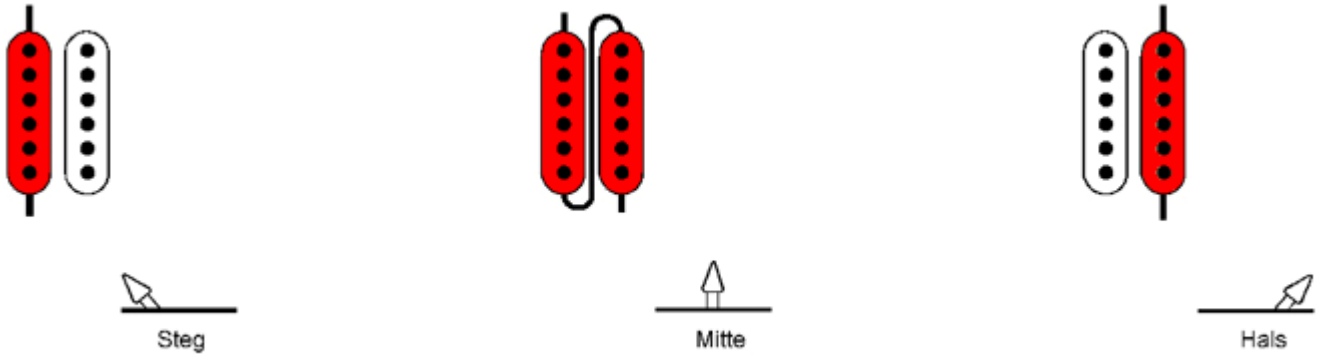


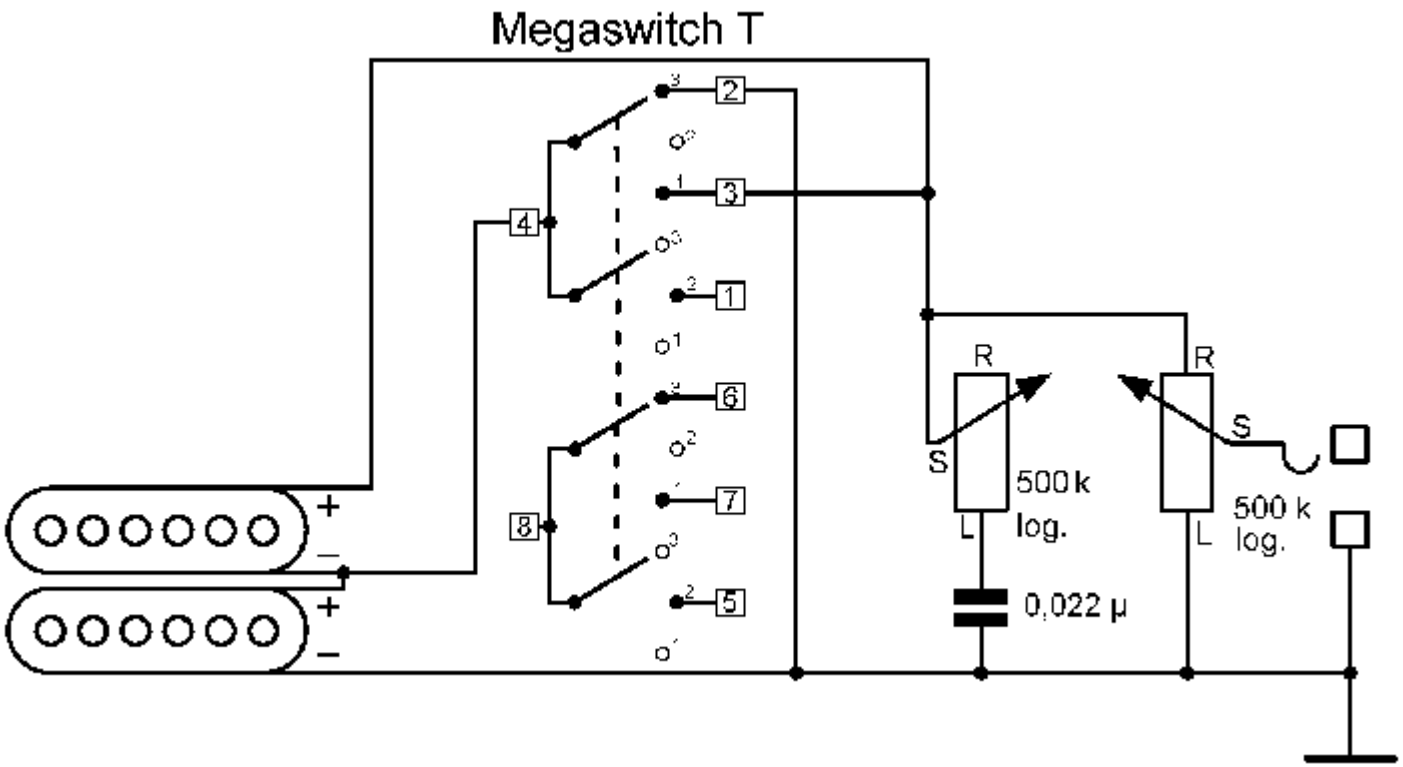

Megaswitch T
R
S
500 k
log.
L
0,022 µ
2
3
1
6
7
5
4
8

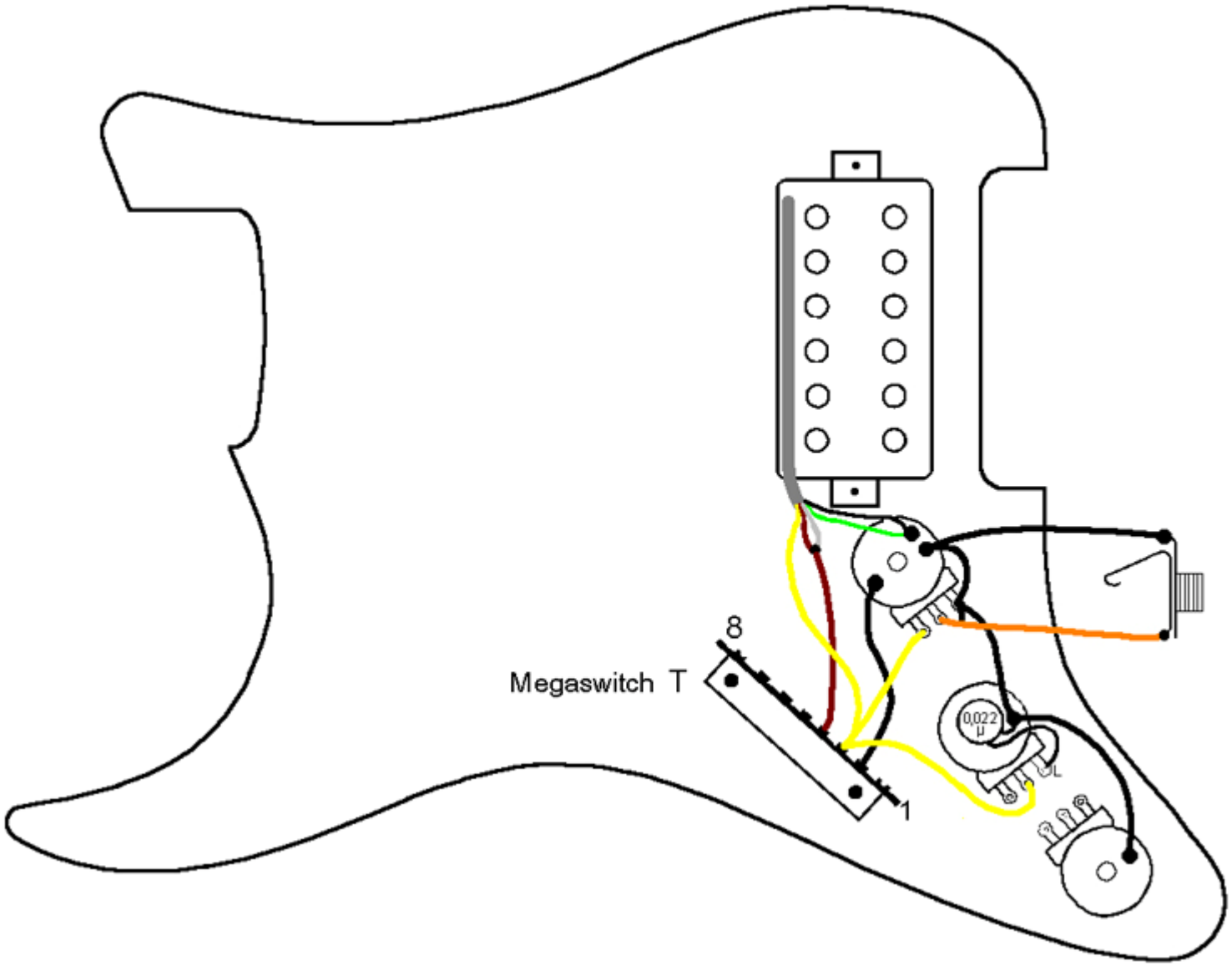

Megaswitch T
8
1
0,022
µ
L
S
R
L
S
R

H1

A Megaswitch can also be installed on guitars which feature a single Humbucker (usually on the bridge). Both coils can be switched individually or in series, for example. The Megaswitch T is ideal for this purpose.

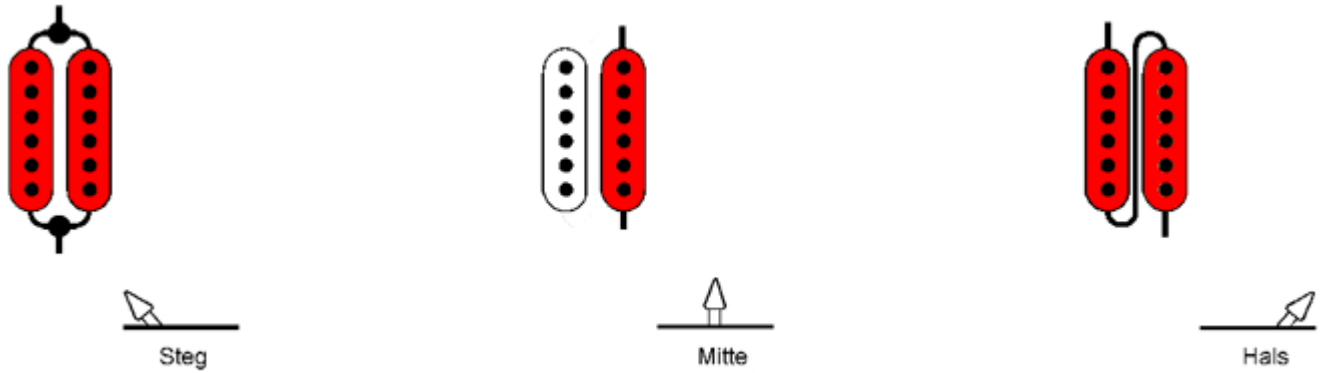


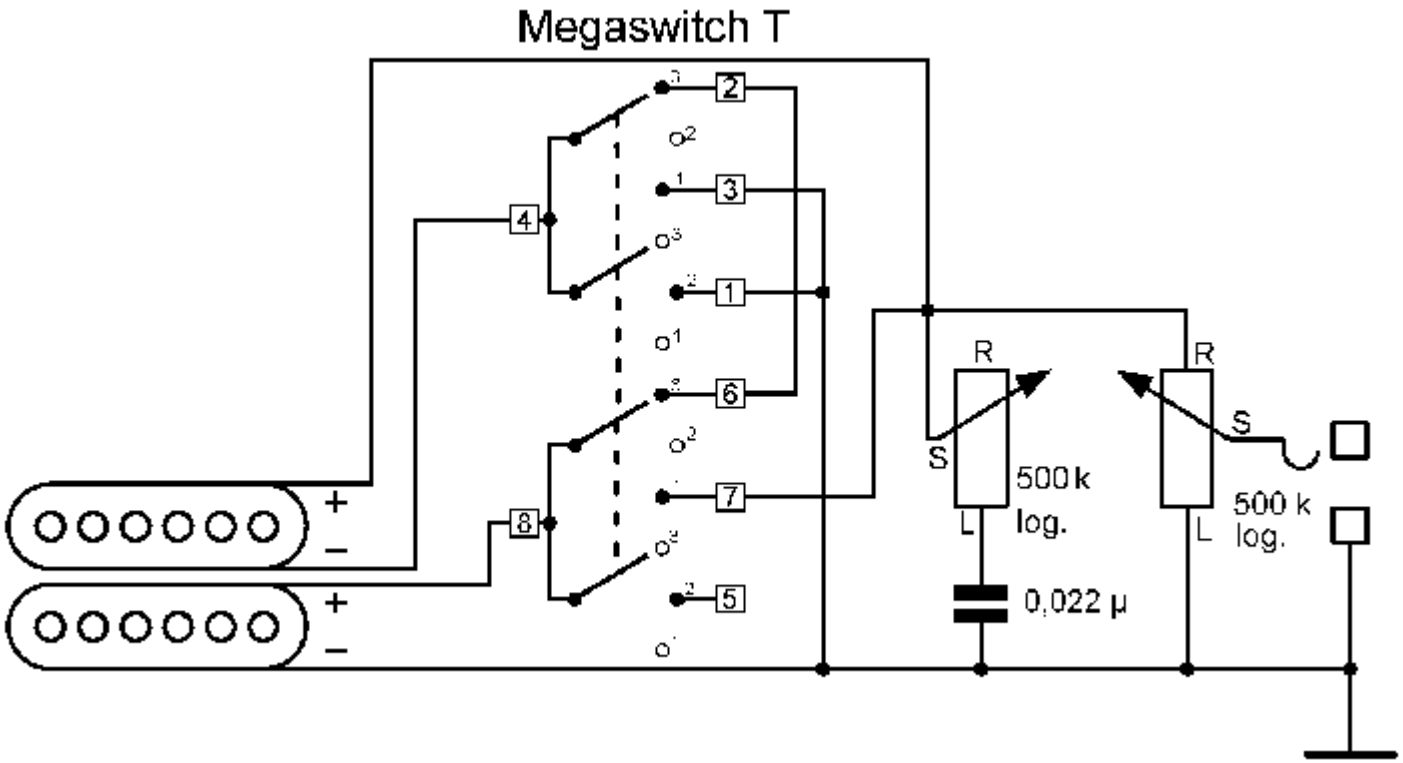

Megaswitch T
+
–
+
–
4
8
R
S
500 k
log.
L
0,022 µ
R
S
500 k
log.
L

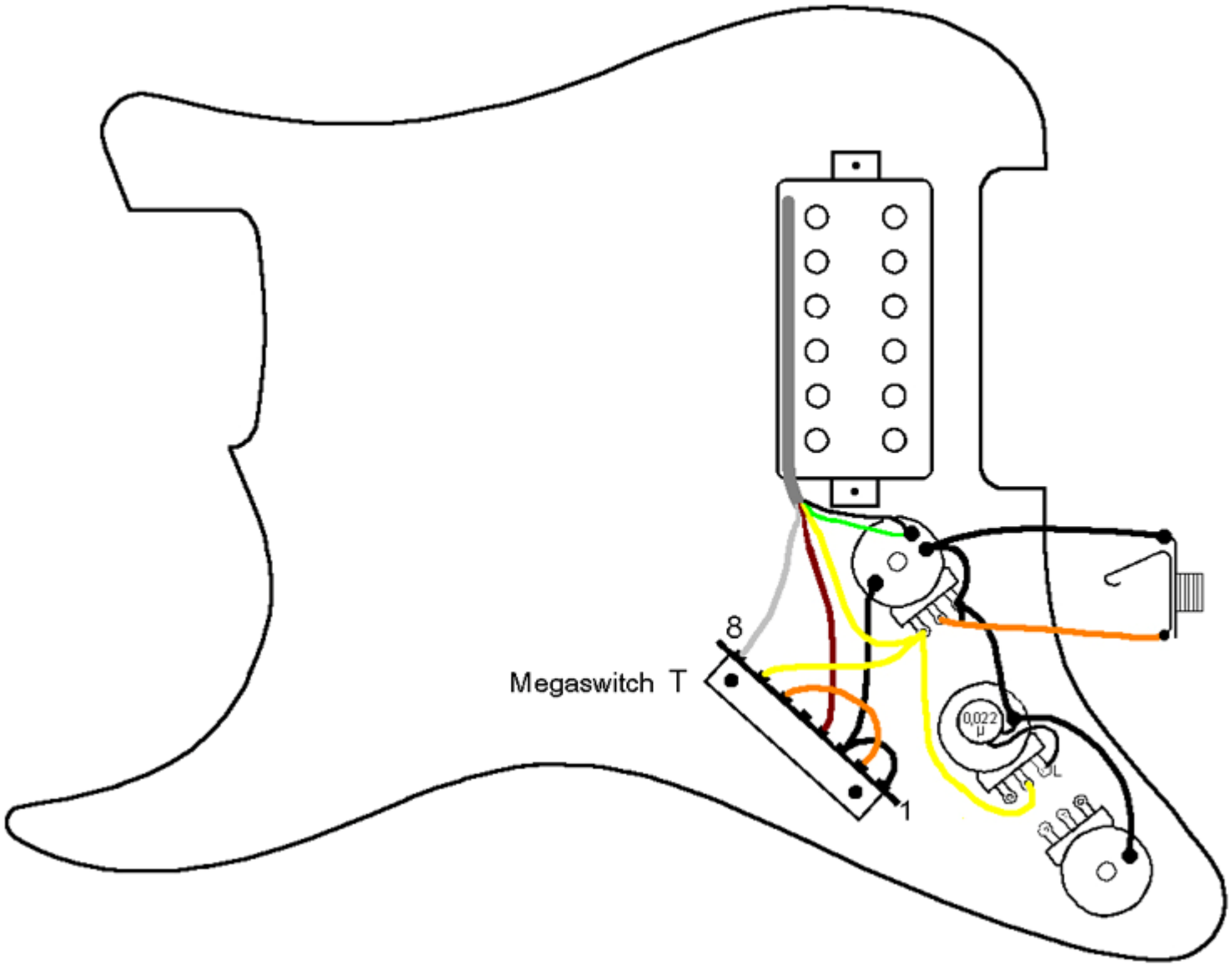

8
Megaswitch T
1
0,022
µ

H2

This switching system for guitars with a single Humbucker makes the following possible; parallel switching of both coils, single coil mode and switching in series. The Megaswitch T is ideal for this purpose.



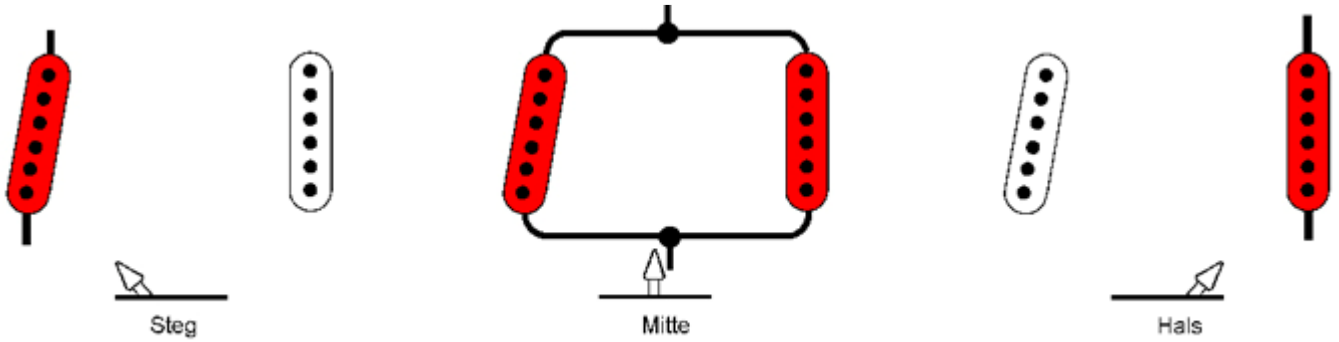

Megaswitch T
2
3
4
1
6
7
8
5
+
–
+
–
R
S
500 k
log.
L
0,022 µ
R
S
500 k
log.
L

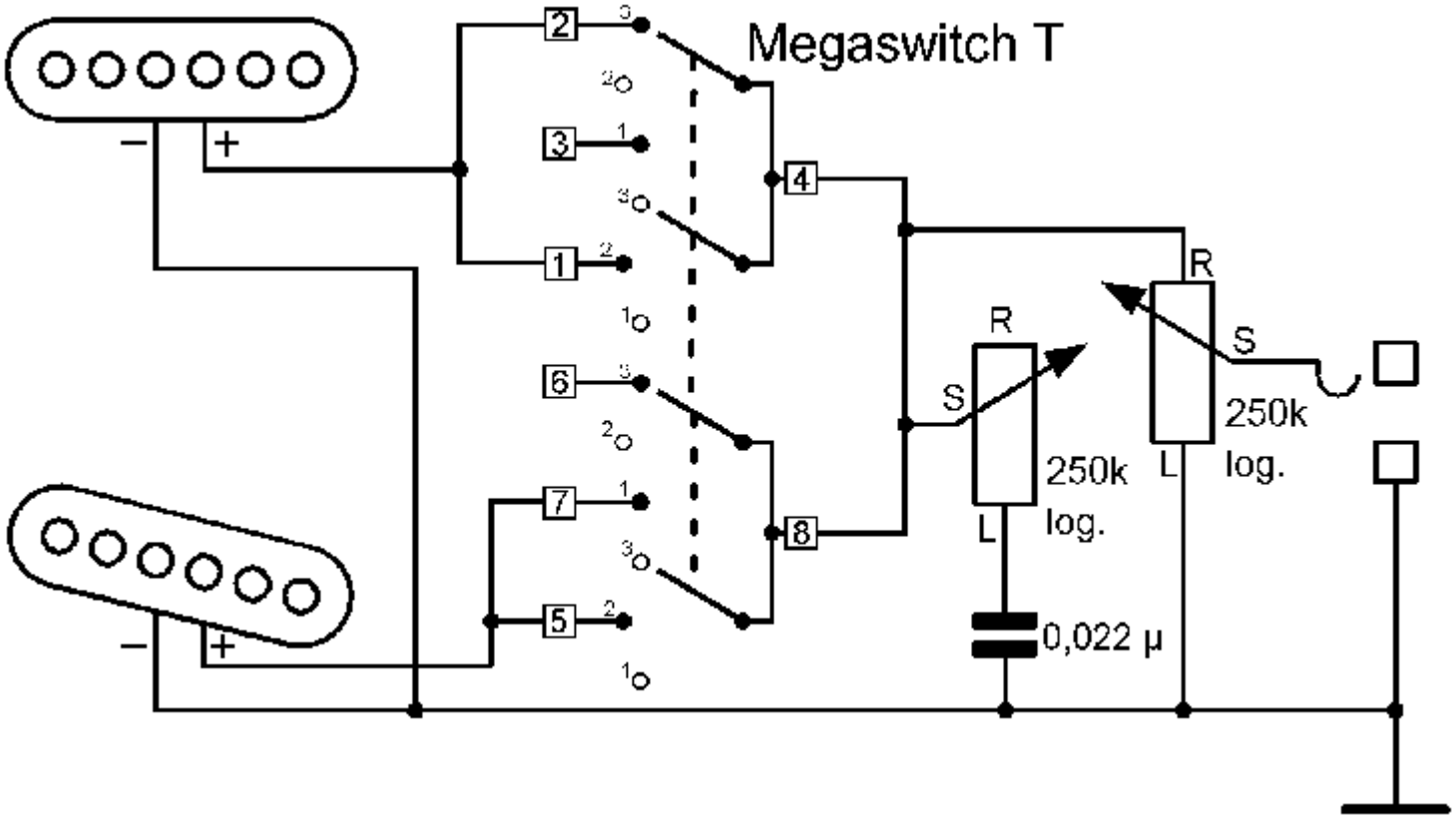

8
Megaswitch T
1
0,022
µ
VL

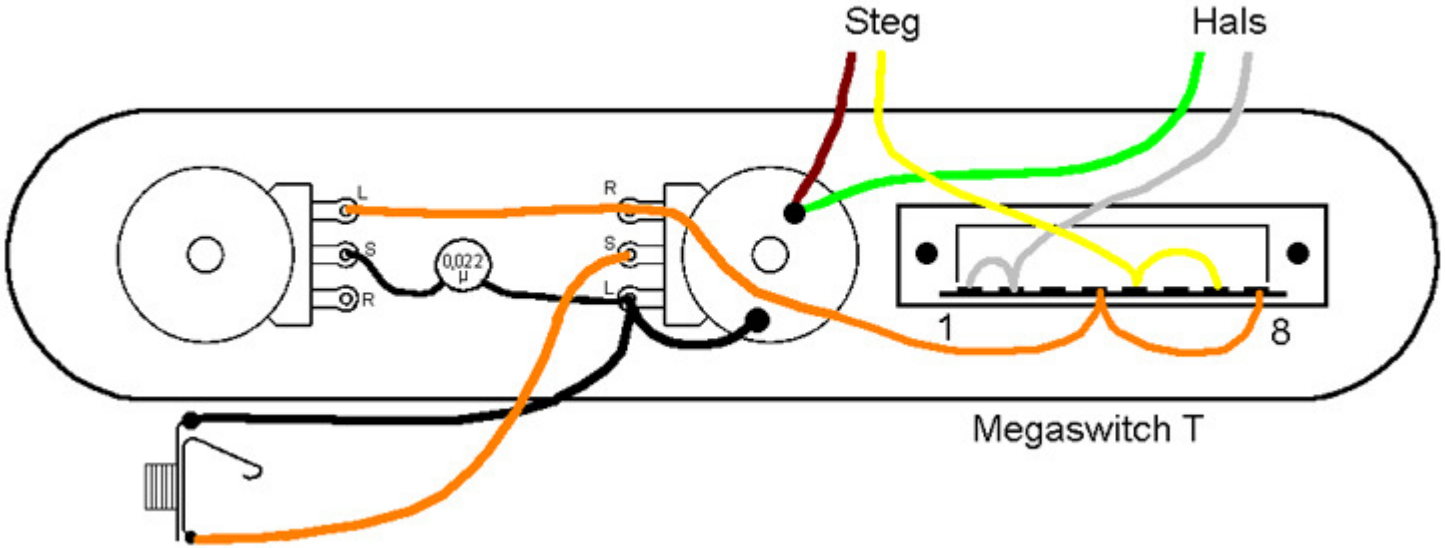
SS1

This is the current switching system of the Telecaster since the 1960s. The switch has 3 positions and regulates the bridge pickup, either both parallel or with the neck pickup in operating mode .

If a buzz-free position is required in the middle position, the magnetic orientation must be as follows: N-S or S-N. Für Brummfreiheit in der Mittelstellung muss die magnetische Orientierung N-S oder S-N sein. The Megaswitch T is ideal for this purpose.

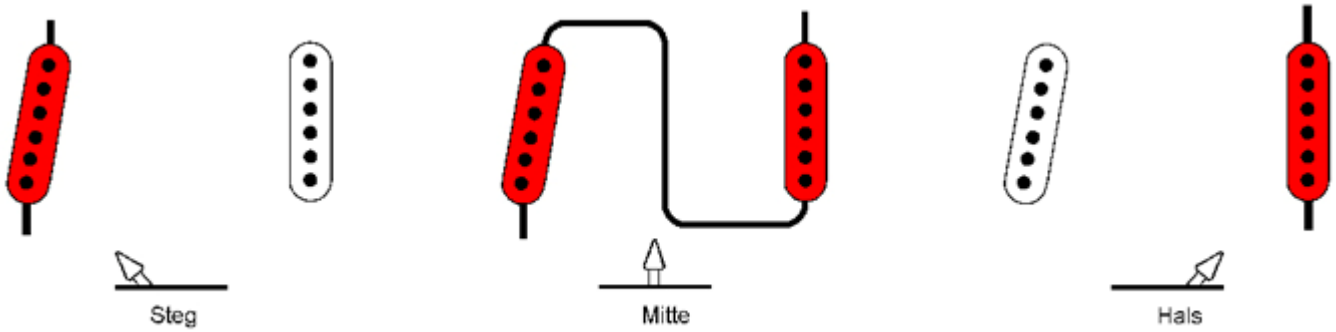


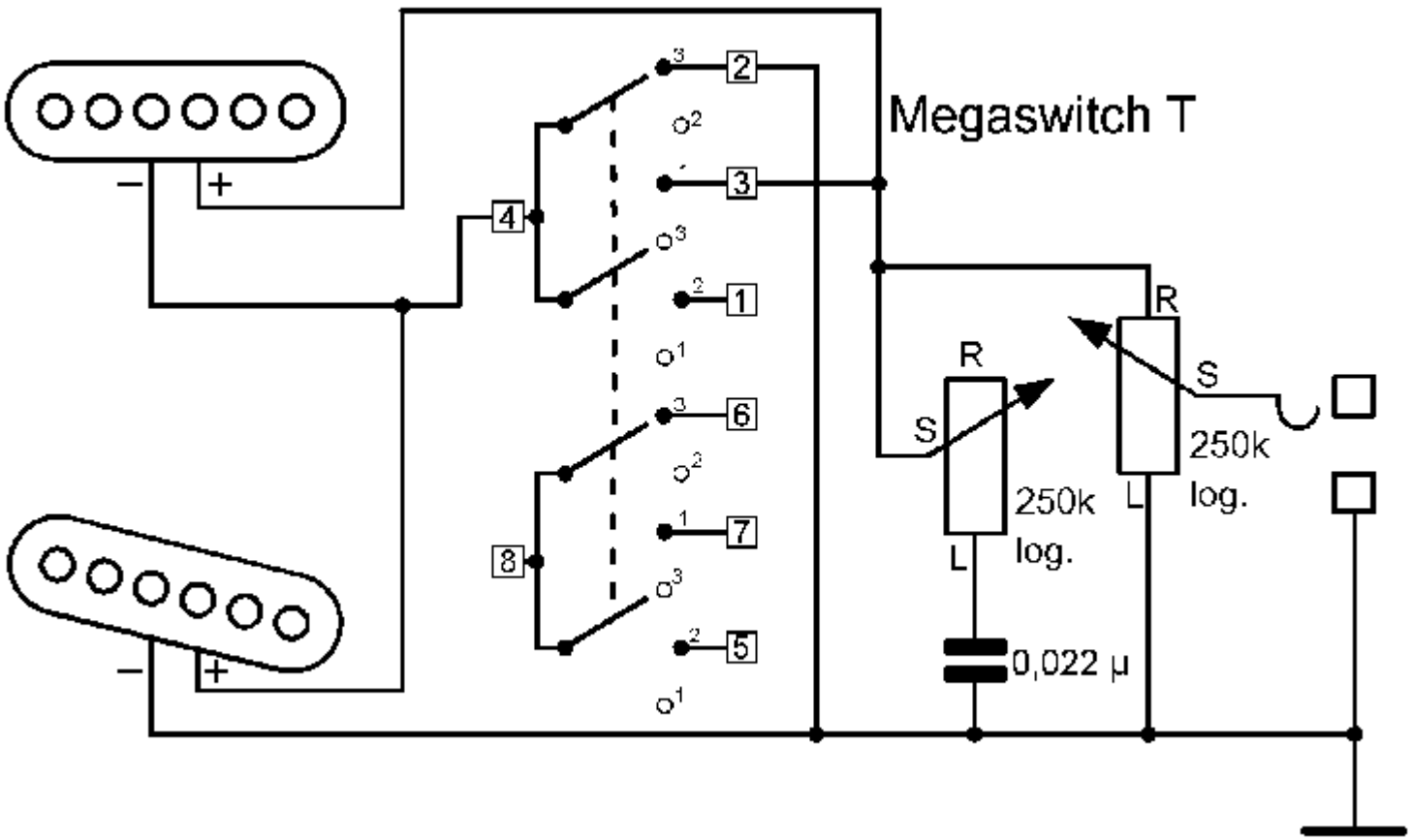

Megaswitch T
2
3
1
4
6
7
5
8
R
S
250k
log.
L
0,022 µ
–
+

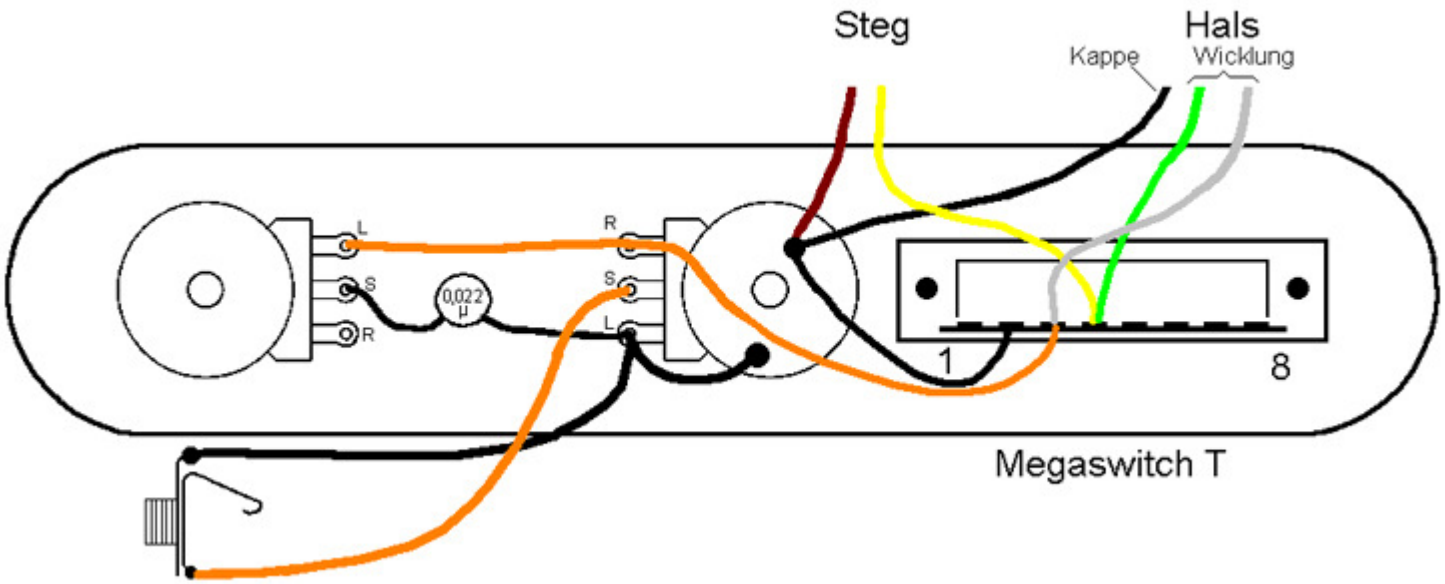


SS2

This is a version based on the Telecaster switching system. In the middle position both pickups are in series, which, compared to parallel switching, creates a fuller, louder tone. If a buzz-free sound is required in the middle position, the following magnetic polarity is required: N-S or S-N. The Megaswitch T is also ideal for this application. Warning: Here, the metal cap of the neck pickup must be electrically isolated from the coil and earthed/grounded via a separate wire. Some models are already equipped with 3 wires. See figure 3 in the introduction.


Steg
Mitte
Hals


Megaswitch T
–
+
–
+
4
8
2
3
1
6
7
5
R
S
250k
log.
L
0,022 µ
R
S
250k
log.
L


Steg
Hals
Kappe
Wicklung
L
S
R
0,022 µ
R
S
L
1
8
Megaswitch T