



HYPERSWITCH™

Install Guide

Part I: Preparing for HyperSwitch Installation.

Thanks to the screw terminals on the HyperSwitch, installation is fairly simple, but a bit of preparation is needed, such as removing the stock pickup selector switch and adding a ground wire to the back of the volume or tone pot.

The HyperSwitch can replace any standard 3-way, 4-way, or 5-way blade switch, most commonly found on Stratocaster type guitars.

- Refer to the HyperSwitch wiring diagram at the back of this document that applies to your pickup configuration (single coils, single coil sized humbuckers, full sized humbuckers, stacks, etc) so you will have an idea about which wires will route to the HyperSwitch screw terminals.
- Remove or loosen your strings.
- For Guitars with Pickguard Mounted Controls:
 - Remove your pickguard by unscrewing the pickguard mounting screws. It may be a good idea to place the screws in a small container so they do not get misplaced.
 - Turn the pickguard over.
- For Guitars with non-pickguard mounted controls and switches:
 - remove the screws holding the control cavity cover in place and remove the control cavity cover.
- Make note of where any wires connect to the volume pot. Taking a picture can help. Pickup ground wires will need to be relocated to HyperSwitch.
- In particular, look for the following:

Hot wires coming from the pickups

These will be attached to the pickup selector switch. Seymour Duncan color codes the hot wires as black for humbuckers, single coil sized humbuckers and rails. Single coils and stacks have white as the hot wire.

Ground wires from pickup leads

The ground wires from pickups are often soldered to the back of the volume pot. If you have Seymour Duncan humbuckers or single coil sized humbuckers and/or rails, these will be green and bare wires. For Single coils, these will be black. For Stacks, black and bare. If your green and bare wires (or black and bare wires for stacks) are connected to each other, separate them.

Series connect wires

If you have Seymour Duncan humbuckers or single coil sized humbuckers and rails, these will be white and red wires. Stacks have a single red wire for this connection. Single coils do not have series connect wires.

Tone control wires

Each tone control will have a wire connected to the 5-way switch.

If you have one tone control, this wire is attached to the same lug on the volume pot as the "input" wire from the switch.

Hot wire

A hot wire coming from the pickup selector switch to the "input" lug of the volume pot.

- Once you've identified these wires, unsolder them from the 5-way switch.
- Remove the 5-way switch.

Part II: HyperSwitch Installation

Connections are all made using the screw terminals. The pickups will connect to the "piggyback" terminal strip. The power positive and negative, hot out, ground, and tone controls will connect to the screw terminals on the side of HyperSwitch. Use the provided screwdriver, or a small flat blade jeweler's screwdriver (1.4mm). HyperSwitch is packaged with the screw terminals in "closed" position. Turn each screw counter-clockwise a couple of turns to "open" the terminal before inserting the wires.

We've designed HyperSwitch to install with the "piggyback" terminals facing the "pot side" of the wiring.

- Identify the wiring diagram for the type of pickups that you have in your guitar.
- Wire the pickup lead wires to the appropriate terminals on the diagram.
- Because it can be a bit tricky to maneuver a screwdriver around the pots and wiring, it may be easier to make connections to the HyperSwitch prior to mounting the switch on the pick guard.
- Wire each pickup to its respective terminals.
- Connect the red positive wire and black negative wire from the battery clip to the HyperSwitch, making sure that they are in the correct location. **WARNING:** If the battery is connected backwards, it can potentially damage the HyperSwitch beyond repair.
- Connect the wire from the volume pot to the Output terminal.
- Connect a wire from the Ground terminal to the back of a pot or other ground station on the guitar.
- Connect the wire from the lug from the pot of the upper tone control to TC1. Also use TC1 if you only have 1 tone control
- Connect the wire from the lug from the pot of the lower tone control to TC2.
- Connect a new 9-volt battery to the battery clip.
 - On most Strats, there is room between pots and the bottom of the control cavity to place the battery.
- Wrapping the battery in a small plastic bag, or a thin piece of foam, or tape will keep it insulated and keep it from accidentally grounding with other components or wires in the control cavity.
- If you disconnected the hot wires and ground wires from your output jack and the bridge ground wire, reinstall them. Hot to the output jack will get soldered to the center lug of your volume control. The ground wires will get soldered to the back of a pot.

After installing your pickguard and strings, you will be ready to pair the HyperSwitch to the HyperSwitch app.

Go to the HyperSwitch App Set Up and Navigation Guide to learn how to pair with the app and set up your HyperSwitch!

Seymour Duncan Wiring Color Codes

(other pickup manufacturers may use different color codes, especially for humbuckers)

Humbuckers, Single Coil Sized Humbuckers, Prails, and Four Conductor Stacks

- Black: Hot
- White and Red: Series Connection
- Green: Cold
- Bare: Shield

Stack Plus with 3 conductors

- White: Hot
- Red: Series Connection
- Black: Cold
- Bare: Shield

Single Coils

- White (or yellow, depending on pickup model): Hot
- Black: Cold

HyperSwitch General Wire Connections

Output: to Volume Pot

Ground: to back of pot or other ground

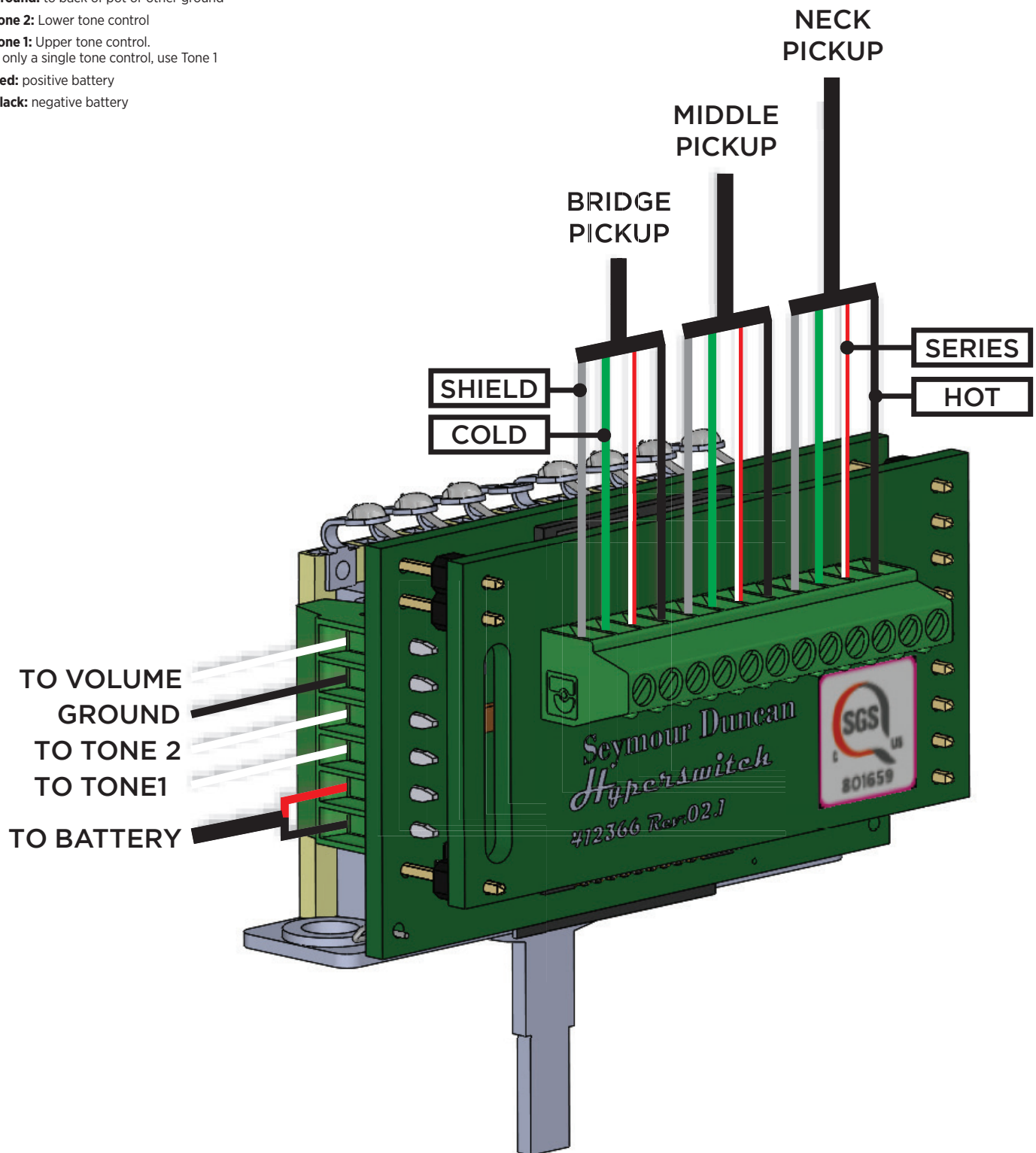
Tone 2: Lower tone control

Tone 1: Upper tone control.

If only a single tone control, use Tone 1

Red: positive battery

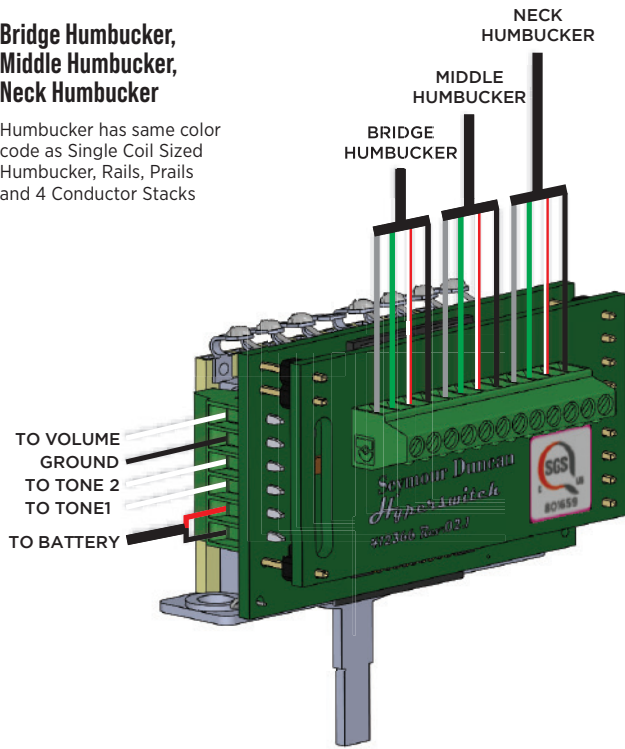
Black: negative battery



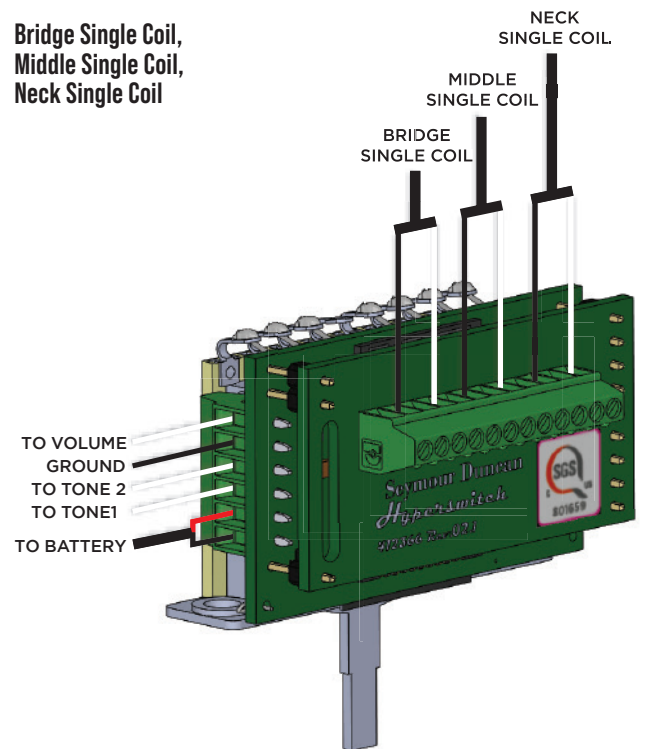
Most Common Wiring Diagrams

Bridge Humbucker, Middle Humbucker, Neck Humbucker

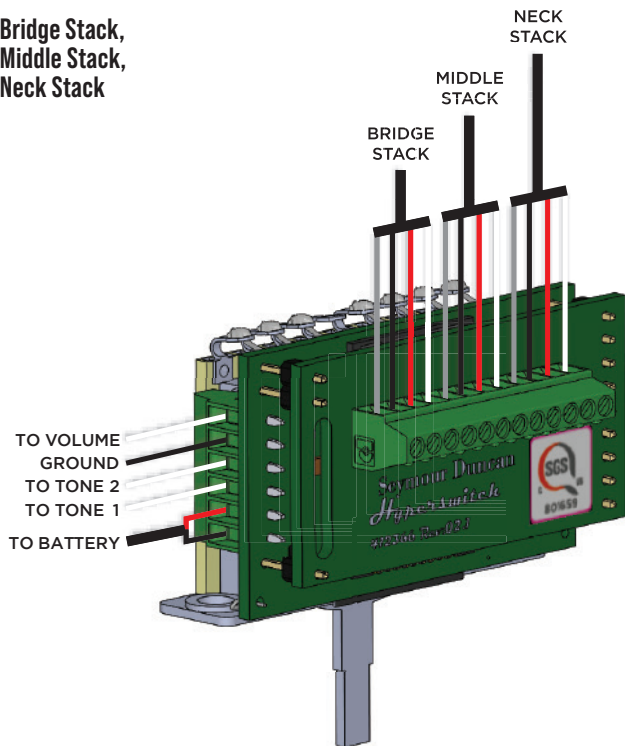
Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks



Bridge Single Coil, Middle Single Coil, Neck Single Coil



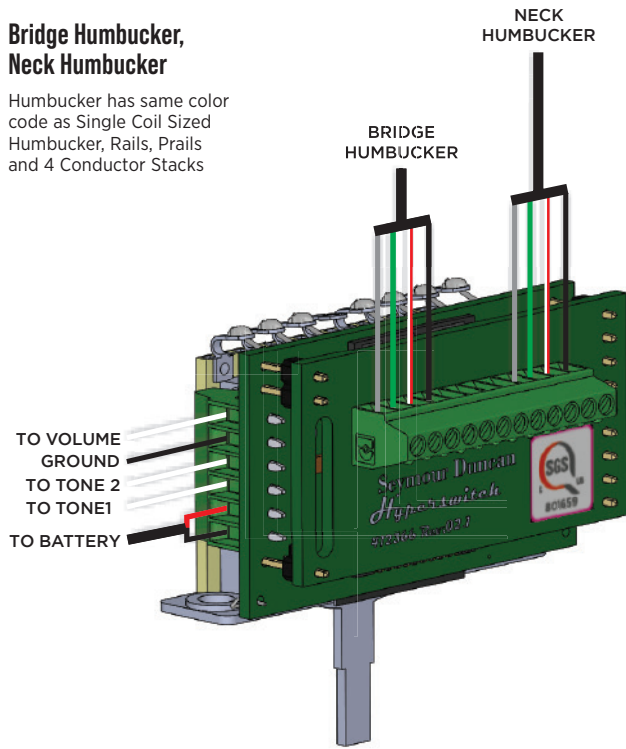
Bridge Stack, Middle Stack, Neck Stack



Hybrid Wiring Diagrams

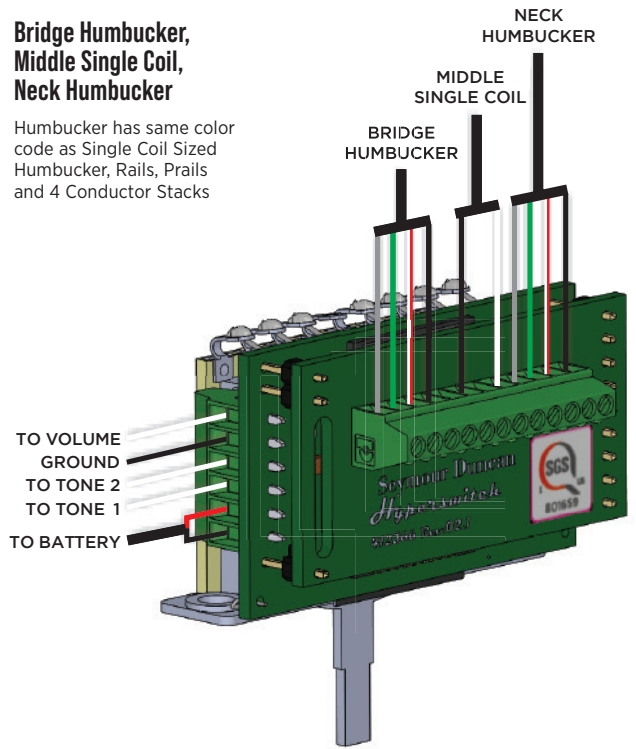
Bridge Humbucker, Neck Humbucker

Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks



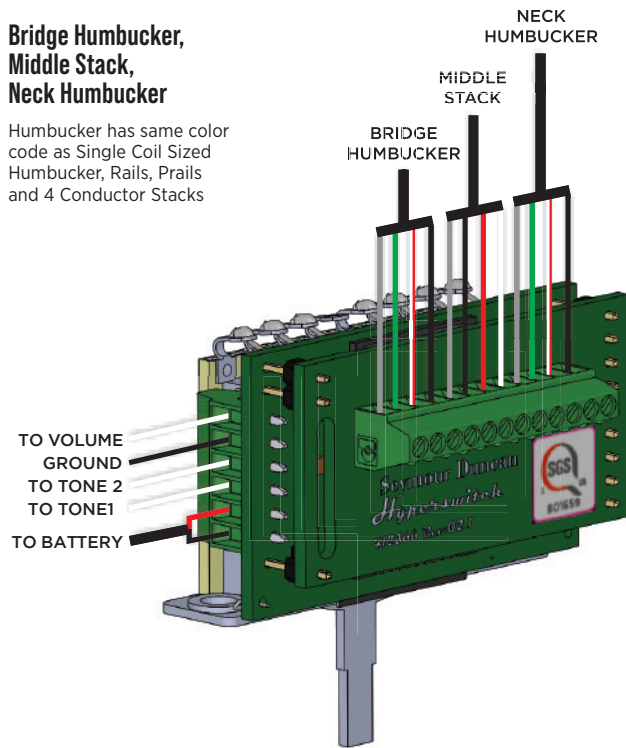
Bridge Humbucker, Middle Single Coil, Neck Humbucker

Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks

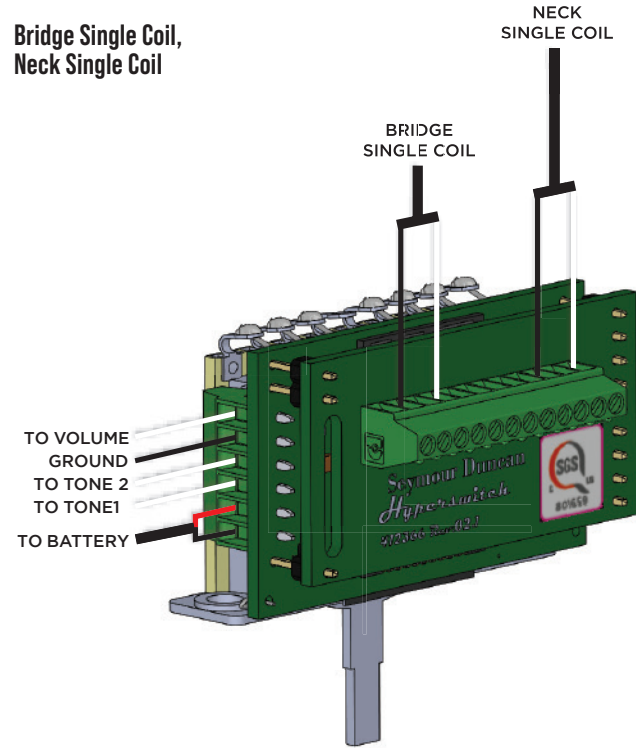


Bridge Humbucker, Middle Stack, Neck Humbucker

Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks



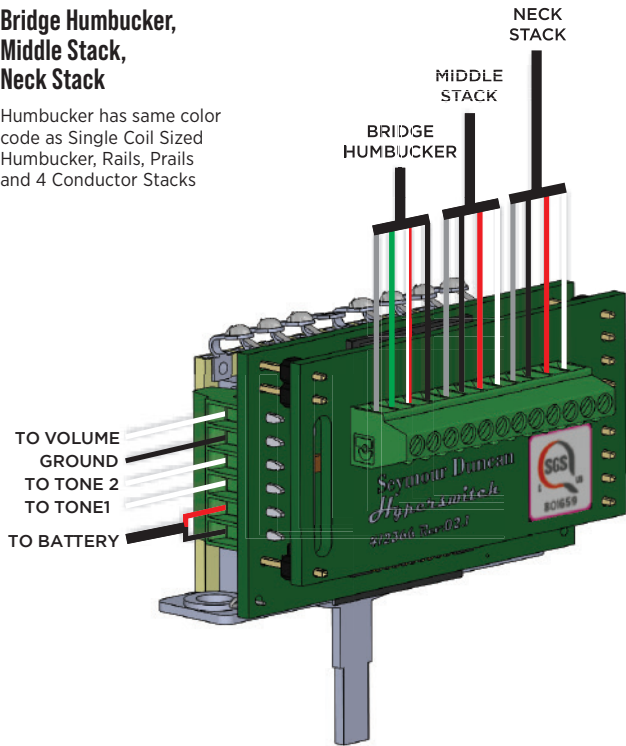
Bridge Single Coil, Neck Single Coil



Hybrid Wiring Diagrams Continued

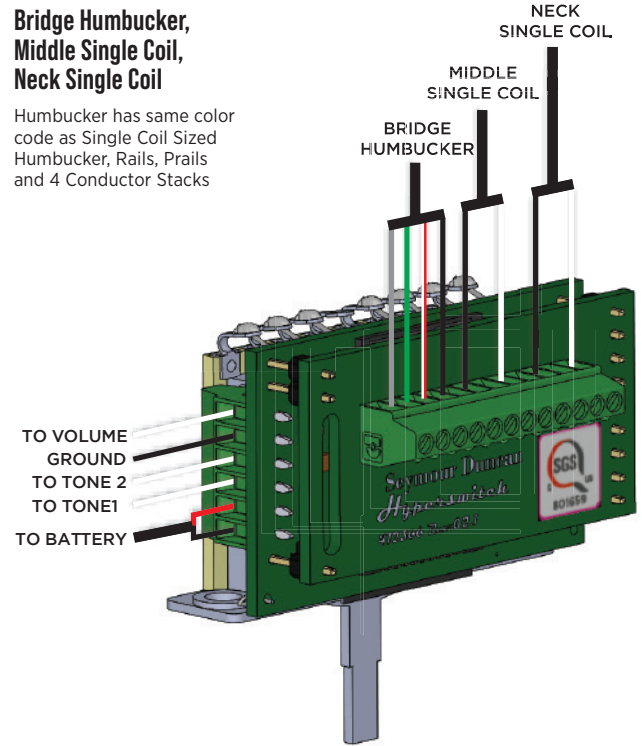
Bridge Humbucker, Middle Stack, Neck Stack

Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks

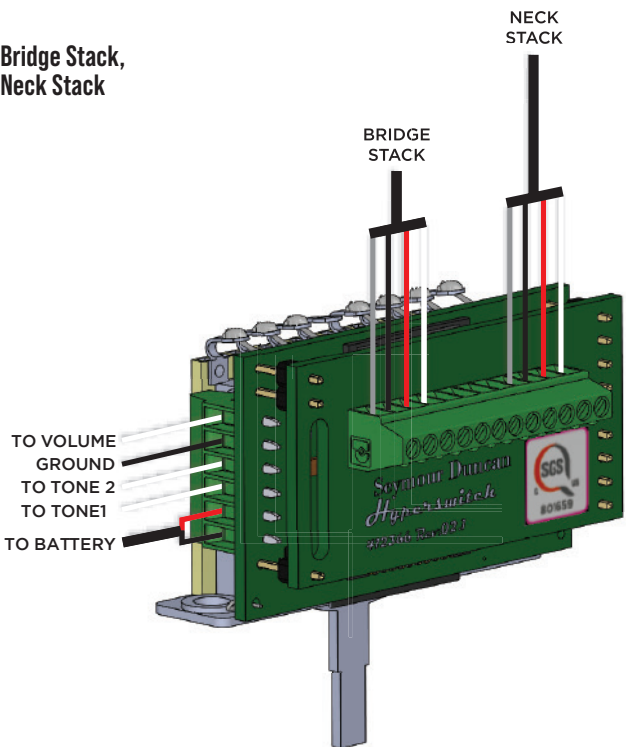


Bridge Humbucker, Middle Single Coil, Neck Single Coil

Humbucker has same color code as Single Coil Sized Humbucker, Rails, Prails and 4 Conductor Stacks



Bridge Stack, Neck Stack



HYPERSWITCH™

Install Guide

For technical support or product recommendations:

support@seymourduncan.com

Tech Support Hotline: (805) 716-6747

Hours: M-F 8:00-5:00 PST

For support, tips and videos on installation, setup and more visit

seymourduncan.com/hyperswitch-support



5427 Hollister Ave, Santa Barbara, CA 93111

seymourduncan.com