

***FISHMAN***<sup>®</sup>

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INSTALLATION GUIDE  
FLUENCE BASS SOAPBAR PICKUPS

# Getting Started

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1. Determine the rotary controls (Volume, Tone, etc.) and switches to be used in your installation, including those included with your purchase. Test fit the components to make sure that each will fit in the allocated locations or modify the instrument until the fit is correct and all controls can be located without issue. Fishman Fluence Pickups are active and require 25K audio taper potentiometers.

2. Fishman Fluence multi-voice pickups require a 9V power supply.

- If using a standard 9V battery, test fit cavity locations for simple installations or consider installing an externally accessible battery compartment (available separately.) Note that it is important the battery is not allowed to short contacts between controls in the instrument.
- If using a separately purchased Fishman rechargeable battery, refer to those instructions to complete this part of your installation.
- Note that it may be possible to combine other active pickups with Fishman Fluence pickups, but all pickups will need to use the same 9V power source. Only active pickup combinations are supported.

# System Requirements

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These instructions provide installation options for the Fishman Fluence series of multi-voice pickups, but these instructions are not comprehensive. A skilled electronics technician can simply interpret this overview to create a wide range of custom wiring options. Please consult with your installer for alternate switching and control components or options not specifically detailed in this guide or included with your pickup purchase. Please visit [www.fishman.com](http://www.fishman.com) for additional wiring diagrams.

## Installation Warning!

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By self-installing and/or misusing this product, you understand and agree that and such uses are high risk activities and, to the extent permitted by law, YOU EXPRESSLY AND VOLUNTARILY ASSUME THE RISK OF DEATH OR OTHER PERSONAL INJURY SUSTAINED WHILE PARTICIPATING IN SUCH ACTIVITIES WHETHER OR NOT CAUSED BY THE NEGLIGENCE OR ANY OTHER FAULT of Fishman, including but not limited to equipment malfunction from whatever cause, or any other fault of Fishman. Additionally, you agree to indemnify, defend and hold Fishman harmless from any third party claims arising from such activities.

3. The various pickup voicing options are easily activated by connecting the corresponding control wires to Ground. Any of these options can be made switch selectable using the included push-pull pots or other preferred switches. They can also be permanently wired by either connecting to Ground or leaving "open" (unconnected). See the "Connection Points and Functions" section for helpful details.

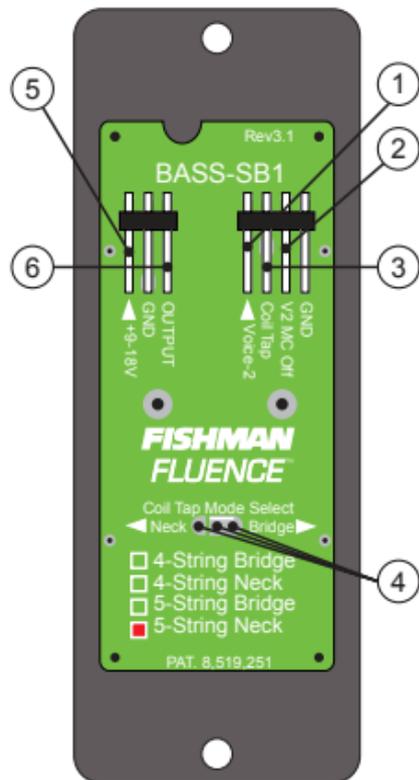
4. Review your planned scheme for errors, complete the soldering, mount and secure all your components, and test your completed installation before assembly. Consider a popular wiring option as shown on the reverse side of this guide or visit [www.fishman.com](http://www.fishman.com) for additional wiring diagrams.

**Voice – 1: (2kHz)** Classic, Fat, and Round tone, use for all vintage type sounds, without excess high end string noise and with a fat low end that moves a lot of air.

**Voice – 2 Mid Contour: (7kHz w/500Hz mid-scoop )** The most extreme high fidelity, clarity, percussiveness, and articulation you've ever experienced in a magnetic bass pickup. Equally suitable for slapping and funk as it is the most aggressive metal.

**Voice – 2 Mid Flat: (7kHz w/mid-flat )** The same fidelity, clarity, and articulation as Voice 2 but with the midrange opened up for a more vocal quality, especially suitable for Modern Jazz Bass tones in single coil mode

**(Single Coil mode can be used with any of the three voices)**



## Fluence Bass – Connection Points & Functions

1. Mid Flat - This feature bypasses the mid contour on Voice 2, and works in both Humbucking and Single Coil mode.

To activate, connect the Mid Flat wire to ground, either wired through a switch or permanently to a ground source within the cavity.

2. Voice-2 Select Wire - To select Voice-2, connect this pin to ground through a switch contact or permanently by soldering it to any ground or by using one of the included jumpers across the pins.

This pin is an electronically controlled switch and has no signal on it. It can share a switch contact with other voice select wires without interaction.

Note: the Single Coil select pin does not override the Voice select. Therefore, you are free to use the single coil mode with Voice 1, Voice 2, and Voice 2 Mid Flat

3. Single Coil Select Wire - To select Single Coil mode, connect this pin to ground through a switch contact.

In Single Coil mode, the default setting are the inside coils.

4. Single Coil Mode Select - A row of three solder pads is used to select the active coil in Single Coil mode

The active coil is selected by a solder bridge connecting the corresponding outer pad to the center one.

The pickups ship from the factory with the inner coils (when used as a Bridge/Neck pair) set as the default. To change the active coils to the outer ones, remove the solder bridge and create a new one from the other outer pad to the center. To avoid

damaging the pads, solder wick or a desoldering pump are strongly recommended for removing the solder bridge.

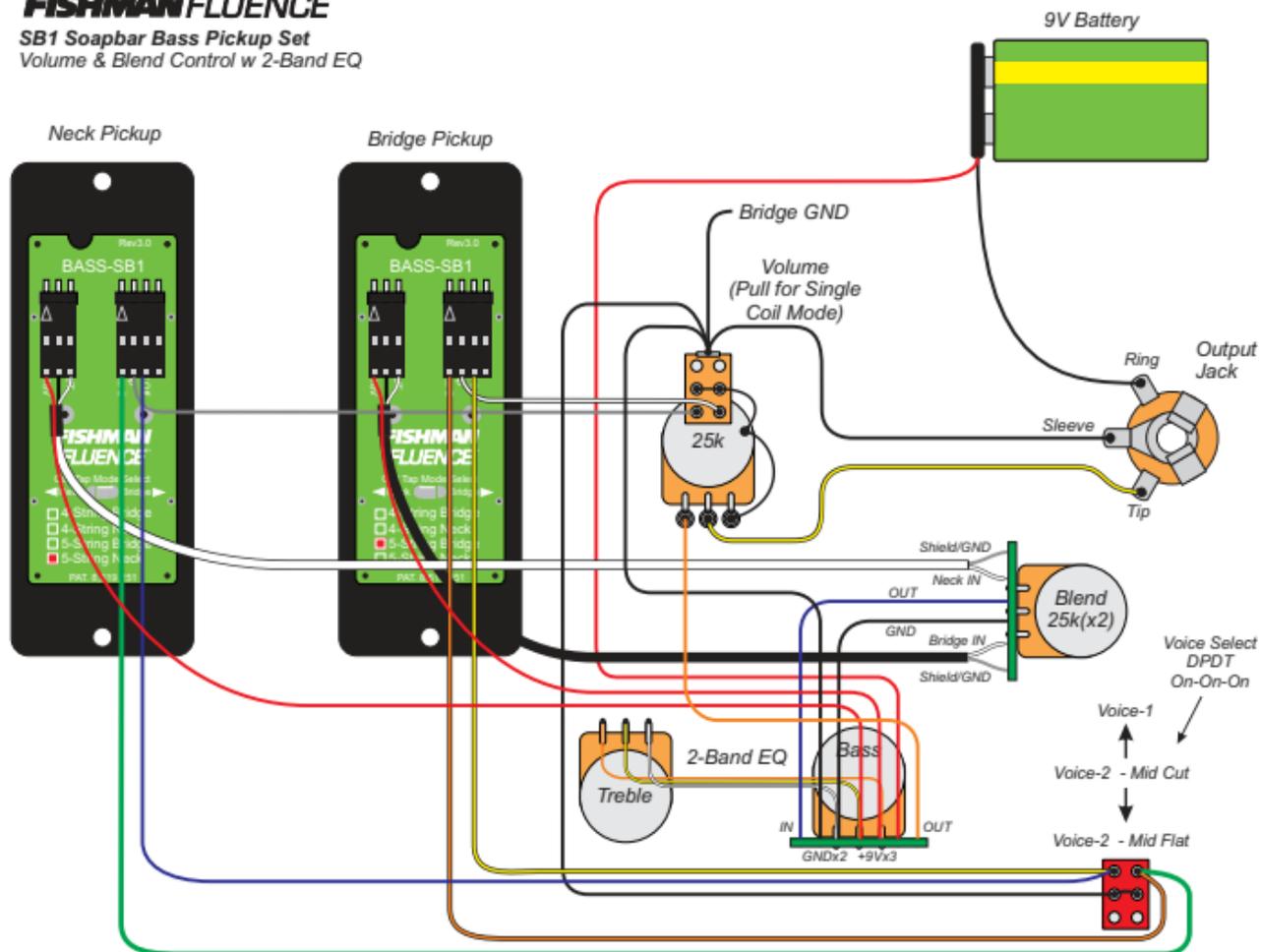
5. +9-18V - This is the + dc power input pin. Fluence pickups are designed to have a wide dynamic range running from a 9V supply, however they are 18V compatible for instruments already set up that way.

6. Output - The main output pin has a 8.2k ohm output impedance and is suitable for driving low impedance volume and tone pots, typically 25k.



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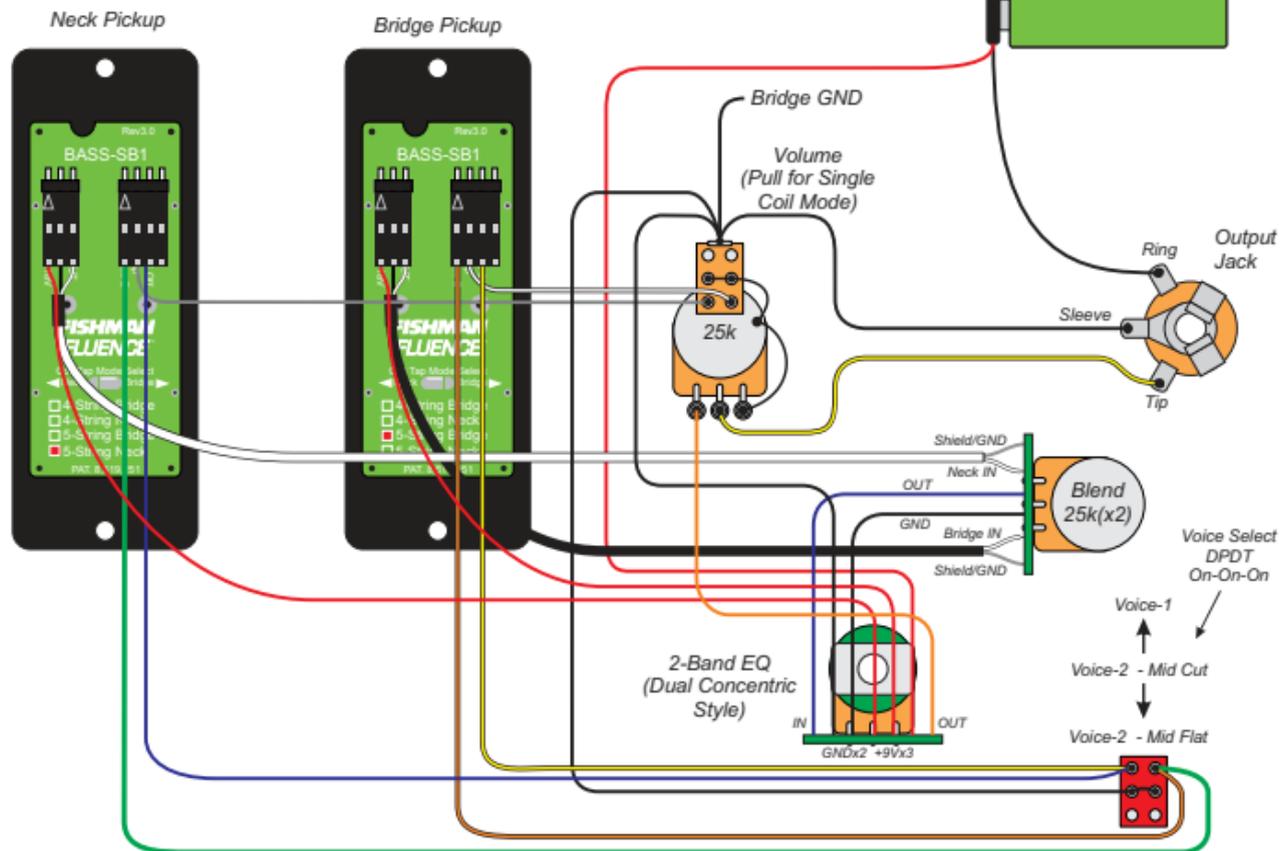
SB1 Soapbar Bass Pickup Set  
Volume & Blend Control w 2-Band EQ



# FISHMAN FLUENCE™

## SB1 Soapbar Bass Pickup Set

Volume & Blend Control w Dual Concentric 2-Band EQ



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