

SUSTAINER CONTROLS:

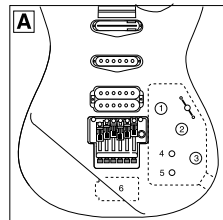
ON/OFF switch: (Black toggle switch)

The On position activates the Fernandes Sustainer and automatically selects the bridge pickup while deactivating the pickup selector and the neck pickup. The off position deactivates the Fernandes Sustainer, reactivates the pickup selector and allows the Sustainer driver to function as a normal neck pickup.

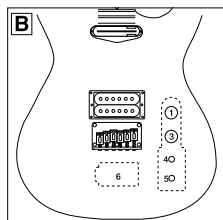
Sustainer Mode Selector:

Toggle Switch: On the 3-mode models, there are two mini toggle switches. The toggle switch nearest the Bridge Pickup is the mode selector. The UP position is the Standard mode, the MID position is the Mix mode, and the DOWN position is the Harmonic mode.

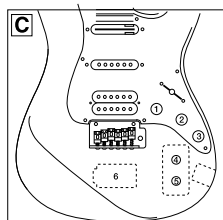
Sustainer intensity Control: The Sustainer Intensity Control knob, which looks like another volume knob, allows you to control the intensity of the sustainer. When the knob is at 0 there is no sustain while at 10 the Fernandes Sustainer is at the maximum setting with the fastest attack and longest sustain.



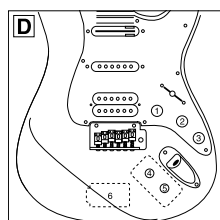
A. Modern style guitar with no pickguard.



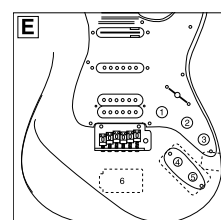
B. Vintage style guitar with no tone control.



C. Vintage style guitar with a side mount jack.



D. Vintage style guitar with a face mount jack (most common).



E. Vintage style guitar with the Sustainer controls mounted to a plate that replaces the jack.

Listing of Sustainer controls:

1. Master Volume.
2. Master Tone.
3. Sustainer Intensity.
4. Sustainer Mode Selector.
5. Sustainer On/Off Switch.
6. Battery Box

Fernandes Sustainer Installation Requirements:

1. The Fernandes Sustainer should only be installed by a professional Luthier who has the following skills:
 - A. The ability to read a meter and follow signal paths.
 - B. The ability to use a soldering iron at a professional level
 - C. The ability to use a router

Fernandes Sustainer Installation Procedures:

1. Select the location for the sustainer controls and battery box. Listed above are some possible locations for the Sustainer, these are just suggestions custom installations are also possible.

The Sustainer On / Off switch and the Sustainer Mode selector are attached to the Sustainer circuit board, this should be taken into account when selecting the location for these controls.

The Sustainer Intensity Control can replace the existing tone control or can be added to the existing controls of the instrument.

The Sustainer battery box position should be chosen last and should be placed in a location on the back of the guitar that will not interfere with the guitars function.

2. If the location you have chosen for the controls requires routing, disassemble the guitar and rout the cavity for the Sustainer.
3. Using the wiring diagram on the following page install the Sustainer in the guitar.
4. Follow the sustainer setup procedures on the following page to set up the Sustainer. The guitar the Sustainer is installed in must also be set up properly in order for the Sustainer to work properly.