

American Deluxe Strat® Plus

A Tutorial



Two Models

American
Deluxe
Strat® Plus

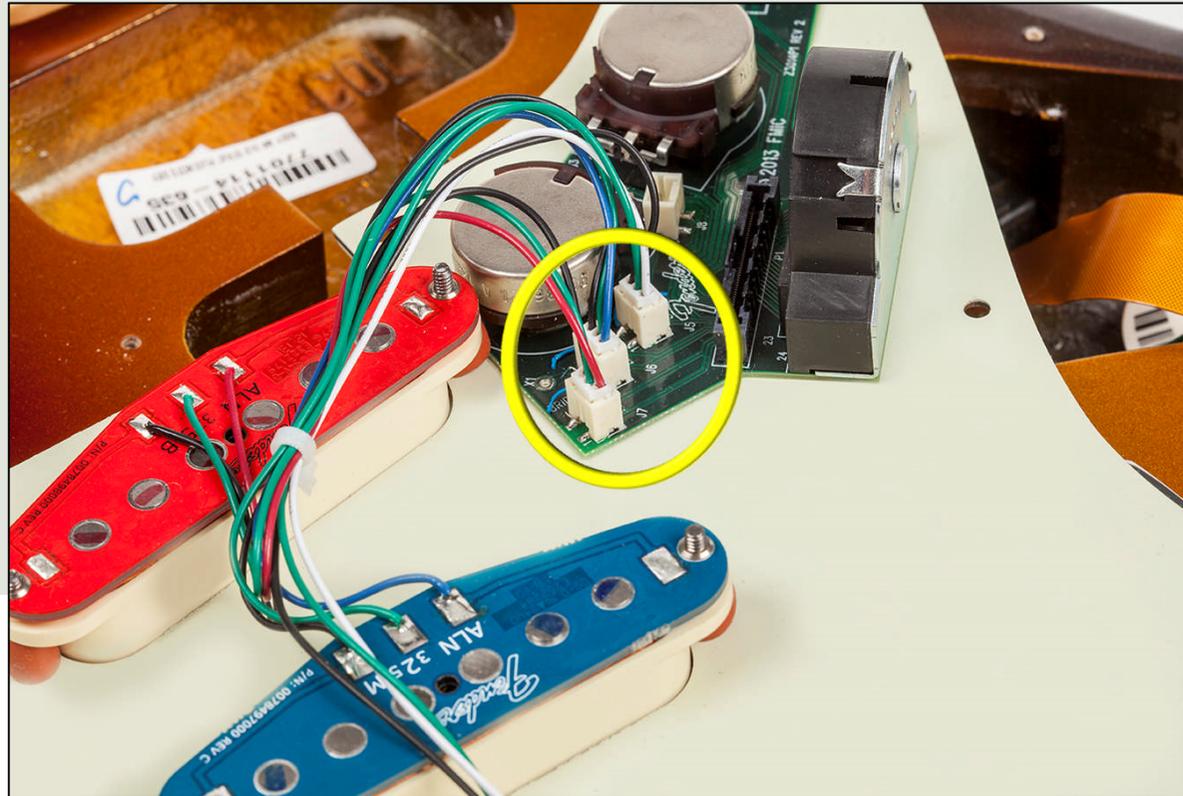


American
Deluxe Strat
Plus HSS



Solder-less

Pickups on both American Deluxe Strat® Plus models can be swapped using quick connect plugs – no soldering! Compatible accessory pickup sets will be available for purchase soon.



Personality Card System

Both American Deluxe Strat® Plus models feature the new Personality Card System. Personality Cards allow the user to apply popular Strat electronics modifications simply by plugging in a new card. No soldering required.



Personality Card System

The Personality Card System is 100% analog and passive. No digital modeling is used and it does not require a battery. All the required modification circuitry is surface-mounted on each Personality Card. The card connects to the Strat with a 50-Pin connector.



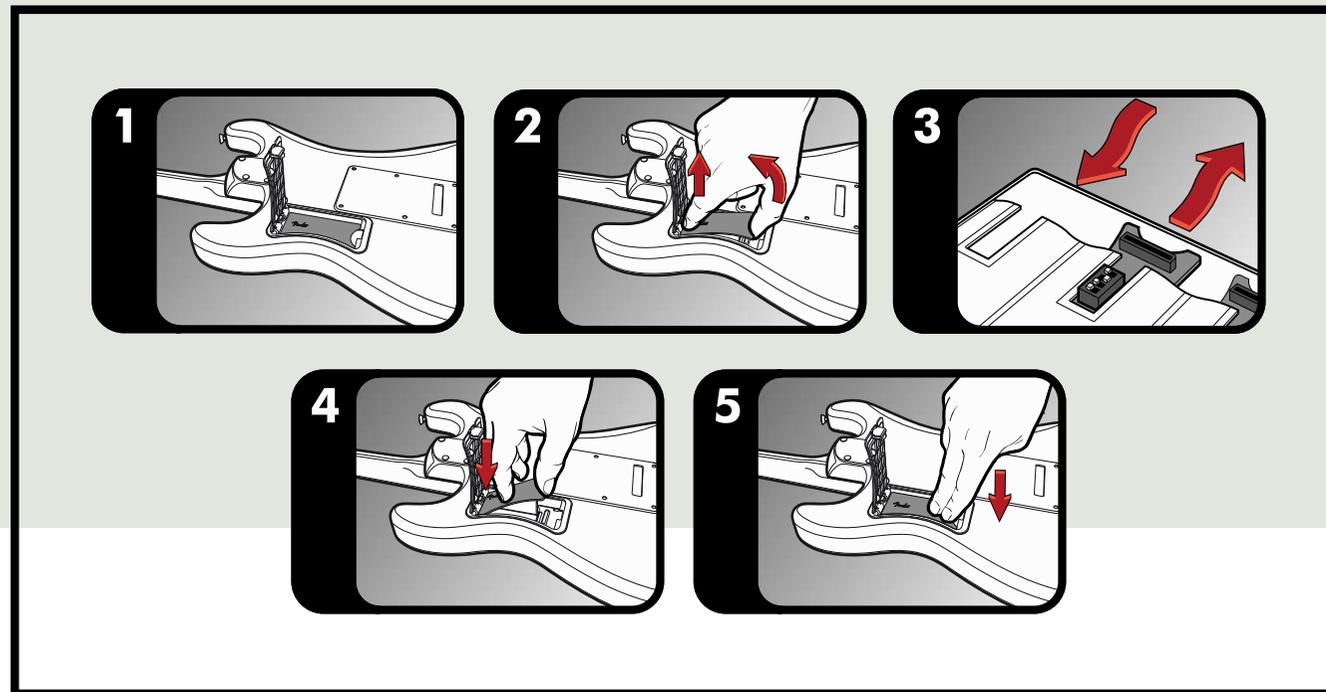
Personality Card System

Every American Deluxe Strat® Plus ships with three Personality Cards: one Standard Card (pre-installed in the guitar) for normal Strat functionality, and two extra Personality Cards for modifications. The extra cards come with the guitar in a handy zip case that can hold up to six cards.



Personality Card System

Simply remove the installed card from the guitar, grab a new card out of the handy zip case, pop the new card into the guitar, and voila – you have just re-wired your Strat® with the modifications contained on the card. Each extra card contains a different mod.



Personality Card System

Each extra Personality Card has one major modification “hard-wired” into it that is applied instantly upon plugging in the card.



Personality Card System

In addition, each extra Personality Card has a DIP (dual in-line package) switch box on the back which provides four more modifications that can be turned on and off as desired.



American Deluxe Strat[®] Plus

Two Colors

Mystic Ice
Blue



Mystic 3-Color
Sunburst



American Deluxe Strat® Plus

Guitar Specs:

- Alder Body
- N3 Noiseless Pickups
- Locking Tuners
- Compound Radius
- Two-Point Trem with Bent Steel Saddles
- Satin Maple Fingerboard



American Deluxe Strat[®] Plus

The American Deluxe Strat Plus comes with three Personality Cards:



STANDARD



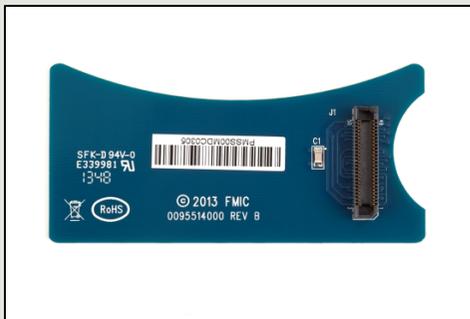
BLENDER



CUTTER

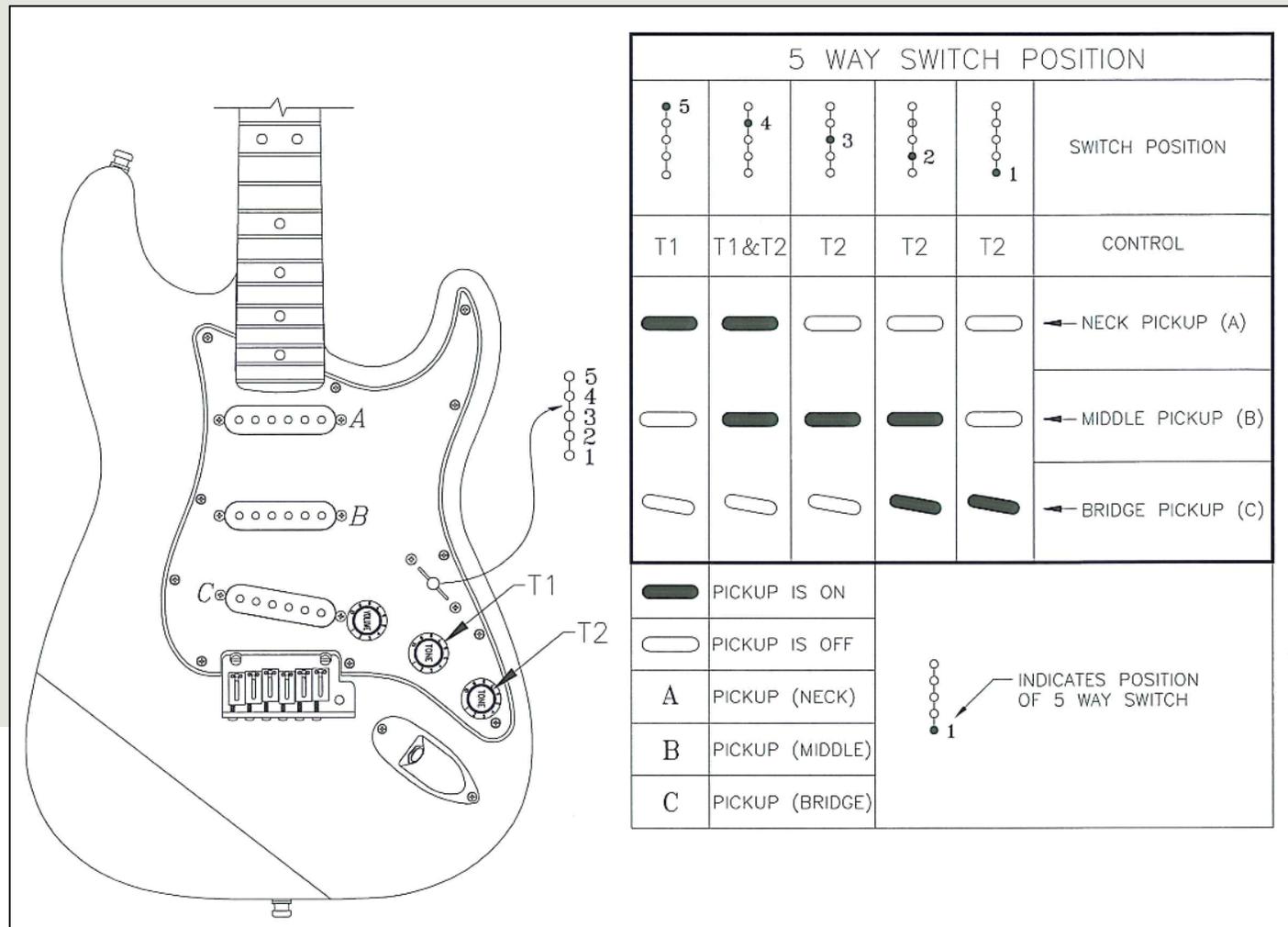
The cards themselves are colored blue to indicate that they go with the American Deluxe Strat Plus with three single-coil pickups. A small graphic on the right side of the label also illustrates this.

Standard Card

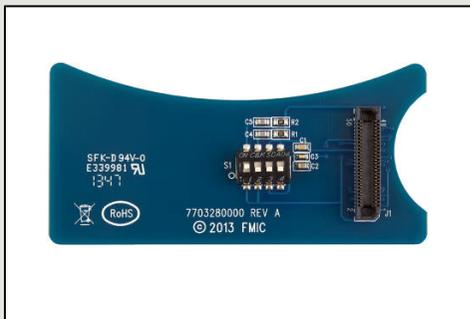


With the Standard Card installed, the controls and switching of the American Deluxe Strat® Plus function as normal: standard 5-way pickup switching with a volume and two tone controls. This is illustrated on the next slide. It is important to note that the guitar will not produce any sound without a card installed and that the SSS and HSS models have unique cards that cannot be shared between the two models.

Standard Switching



Blender Card

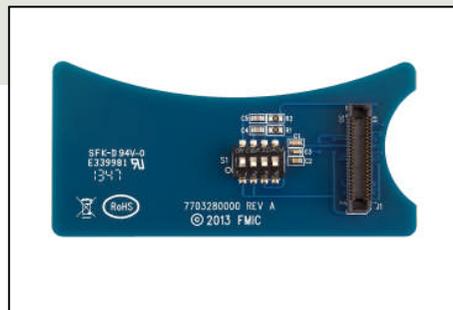


With the Blender card installed, the middle tone control (T1) is converted into a master tone control and the bottom tone control (T2) is converted into a volume control that blends in the neck or bridge pickup, depending on the position of the pickup selector switch. This is illustrated on the next slide.

Blender Card

Tone control 1 acts as a master treble cut, and tone control 2 blends in the neck or bridge pickup depending on the position of the pickup selector switch.

The diagram illustrates the Blender Card's functionality across five pickup selector positions. On the left, two diagrams show the internal wiring for tone controls T1 and T2. The top diagram, labeled 'MASTER TREBLE CUT', shows T1 connected to the bridge pickup and T2 to the neck pickup. The bottom diagram shows T1 connected to the neck pickup and T2 to the bridge pickup. The main diagram shows five pickup selector positions (1-5) with corresponding tone control settings for T1 and T2, represented by red and white bars. Position 1 (Neck) has T1 at 100% (red) and T2 at 0% (white). Position 2 (Neck) has T1 at 100% (red) and T2 at 100% (red). Position 3 (Bridge) has T1 at 0% (white) and T2 at 100% (red). Position 4 (Bridge) has T1 at 100% (red) and T2 at 100% (red). Position 5 (Bridge) has T1 at 100% (red) and T2 at 0% (white).



Blender Card



The Blender Card also includes a DIP switch box that offers four selectable modifications in addition to the primary mod hard-wired into the card.

Blender Card



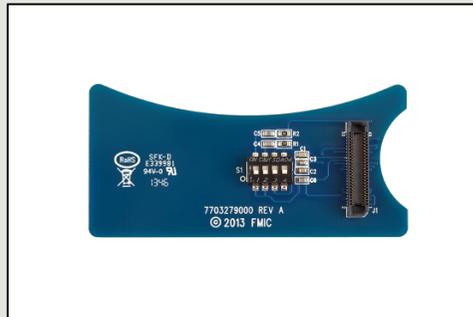
There are four numbered switches. Switches 1 and 2 control two different “treble-bleed” mods. These mods maintain highs as you reduce volume. Loss of high end when reducing volume is a common occurrence with Strats, and the treble-bleed mod addresses this issue nicely. You can choose to have switches 1 and 2 on or off for different variations of the mod.

Blender Card



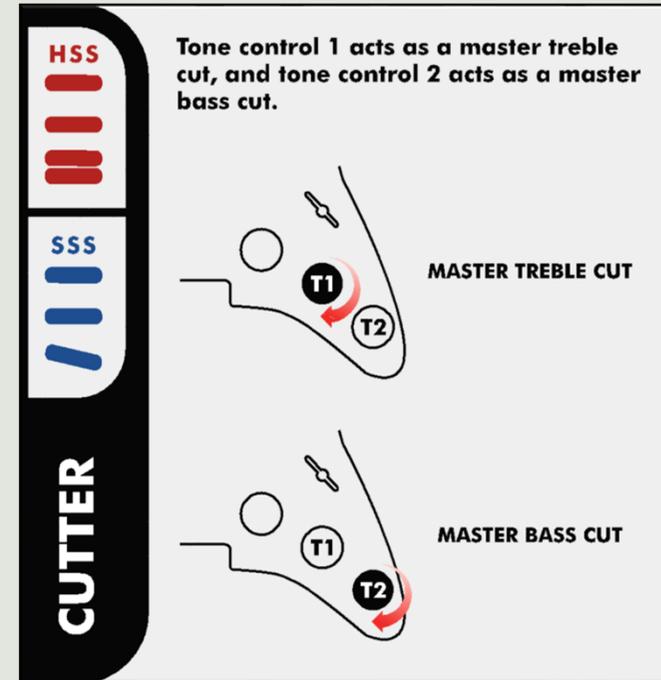
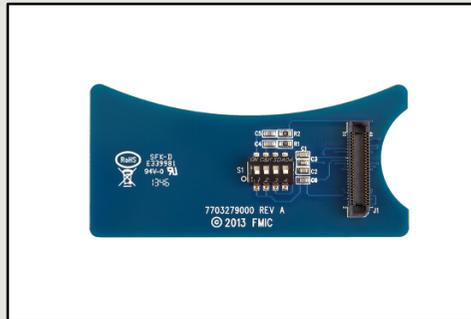
Switches 3 and 4 control two different tone control modifications that affect the amount of treble cut available when using the tone knobs. You can choose to have switches 3 and 4 on or off for different variations of the mod.

Cutter Card



With the Cutter Card installed, the tone controls are converted into a Master Treble Cut and Master Bass Cut for more focused control of tonal frequencies. This is illustrated on the next slide.

Cutter Card



Cutter Card



The Cutter Card also includes a DIP switch box that offers four selectable modifications in addition to the primary mod hard-wired into the card.

Cutter Card



There are four numbered switches. Switches 1 and 2 control two different “treble- bleed” mods. These mods maintain highs as you reduce volume. Loss of high end when reducing volume is a common occurrence on Strats, and the treble-bleed mod addresses this issue nicely. You can choose to have switches 1 and 2 on or off for different variations of the mod.

Cutter Card



Switches 3 and 4 control two different tone control modifications that affect the amount of treble cut available when using the tone knobs. You can choose to have switches 3 and 4 on or off for different variations of the mod.

American Deluxe Strat Plus[®] HSS

Two Colors

Mystic
Black



Mystic 3-Color
Sunburst



American Deluxe Strat[®] Plus HSS

Guitar Specs:

- Alder Body
- N3 Noiseless Neck/Middle Pickups
- Twin Head Humbucking Bridge Pickup
- Locking Tuners
- Compound Radius
- Two-Point Trem with Bent Steel Saddles
- Rosewood Fingerboard



American Deluxe Strat[®] Plus HSS

The American Deluxe Strat Plus HSS comes with three Personality Cards:



STANDARD



SPLITTER



CUTTER

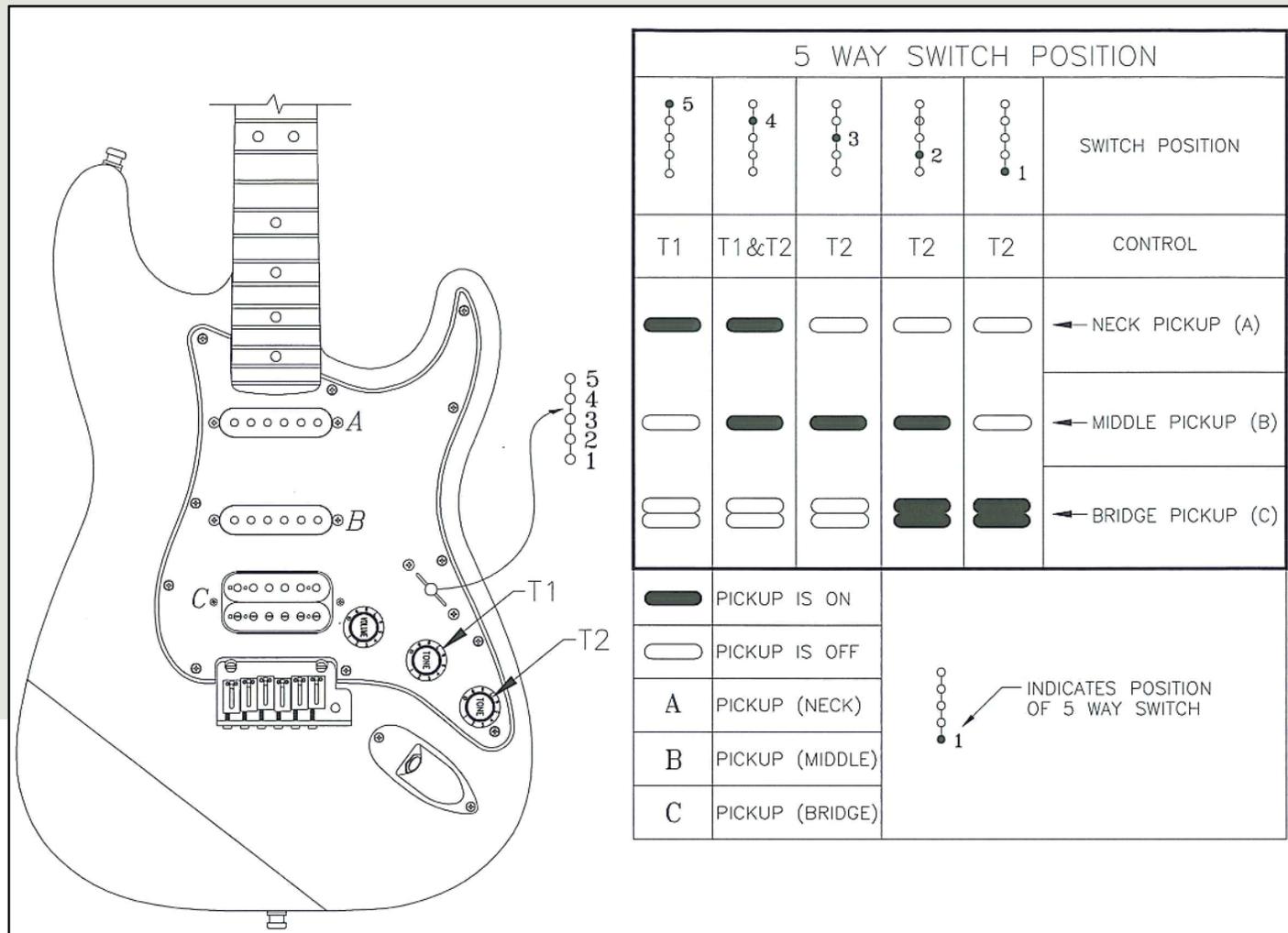
The cards themselves are colored red to indicate that they go with the American Deluxe Strat Plus HSS with two single coil pickups and one humbucking pickup. A small graphic on the right side of the label also illustrates this.

Standard Card



With the Standard card installed, the controls and switching of the American Deluxe Strat Plus HSS function as normal: standard 5-way pickup switching with a volume and two tone controls. This is illustrated on the next slide. It is also important to note that the guitar will not produce any sound without a card installed and that the SSS and HSS models have unique cards that cannot be shared between the two models.

Standard Switching

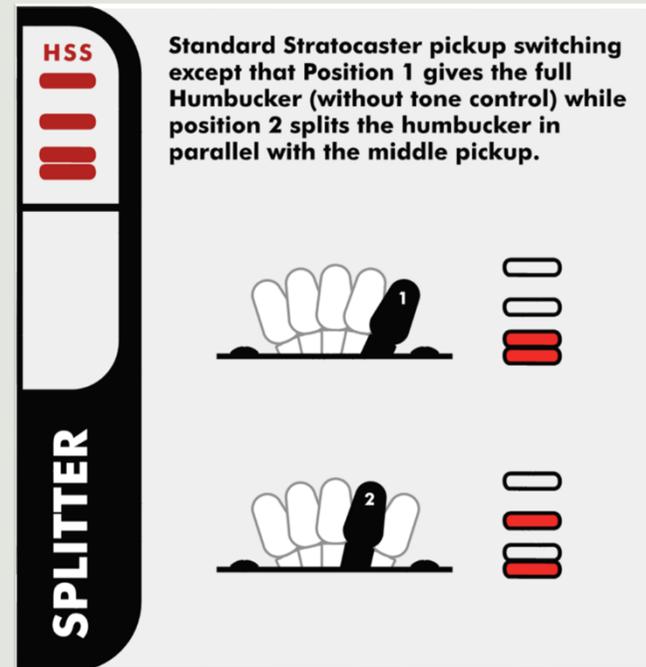


Splitter Card



With the Splitter Card installed, the humbucking pickup bypasses the tone control for a more “open” sound. In addition, it is split into a single coil (the bottom coil) when Position 2 of the 5-way switch is selected. This provides that classic and quacky “in-between” Strat[®] sound. This is illustrated on the next slide.

Splitter Card



Splitter Card



The Splitter Card also includes a DIP switch box that offers four selectable modifications in addition to the primary mod hard-wired into the card.

Splitter Card



There are four numbered switches. Switches 1 and 2 control two different “treble- bleed” mods. These mods maintain highs as you reduce volume. Loss of high end when reducing volume is a common occurrence on Strats, and the treble-bleed mod addresses this issue nicely. You can choose to have switches 1 and 2 on or off for different variations of the mod.

Splitter Card



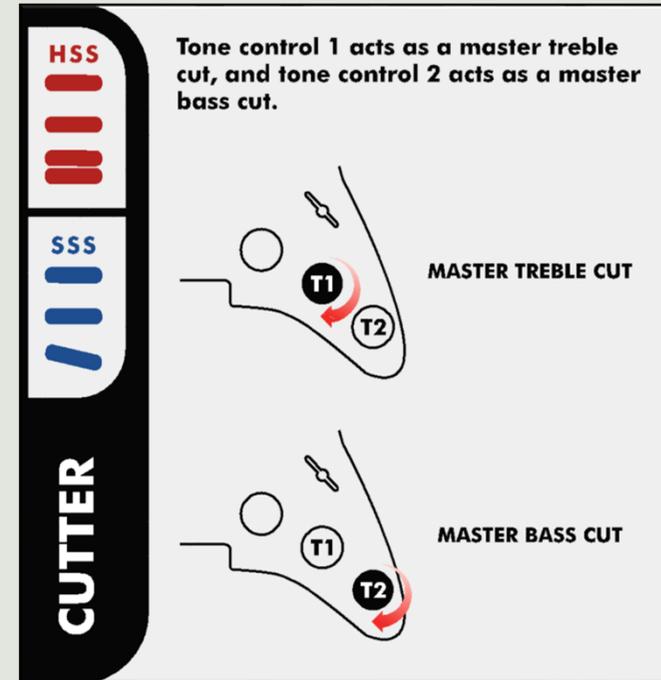
Switches 3 and 4 control two different tone control modifications that affect the amount of treble cut available when using the tone knobs. You can choose to have switches 3 or 4 on or off for different variations of the mod.

Cutter Card



With the Cutter Card installed, the tone controls are converted into a Master Treble Cut and Master Bass Cut for more focused control of tonal frequencies. This is illustrated on the next slide.

Cutter Card



Cutter Card



The Cutter Card also includes a DIP switch box that offers four selectable modifications in addition to the primary mod hard-wired into the card.

Cutter Card



There are four numbered switches. Switches 1 and 2 control two different “treble- bleed” mods. These mods maintain highs as you reduce volume. Loss of high end when reducing volume is a common occurrence on Strats, and the treble-bleed mod addresses this issue nicely. You can choose to have switches 1 and 2 on or off for different variations of the mod.

Cutter Card



Switches 3 and 4 control two different tone control modifications that increase the amount of treble cut available when using the tone knobs. You can choose to have switches 3 and 4 on or off for different variations of the mod.

Summary

American Deluxe Strat[®] Plus and American Deluxe Strat Plus HSS

- Some of our best features available on a Stratocaster
- Solder-less pickups for plug-and-play pickup swaps
- A variety of compatible solder-less pickup sets will be available for purchase soon
- Personality Card System allows you to modify the electronics of your Strat with no soldering required – simply plug in a new Personality Card
- A variety of new cards will be available for purchase soon
- Completely analog and passive – no digital modeling, no batteries

American Deluxe Strat® Plus

