

## Installation instructions for Brian May Model (DP206)

### General Instructions

Many of the players reading this sheet will be using these pickups to replace other pickups. If you are among them, try to do the following:

- Remove your original pickups carefully. It is better to carefully unsolder your original pickups than to cut the wires, because the new pickups will be much easier to install with clean connections. Make note of exactly where the original pickups were connected as, in most cases, the new ones will go to the same place.
- A soldering iron with a fine tip (25 to 45 watts) is preferable to a gun. If you intend to use a miniature switch with the pickup, try to be as clean as possible with the solder connections to avoid short circuits or damage to the switch.
- Please note: If you have no previous wiring experience and are unsure what to do, consider having a professional do the installation. The expense will not be too great and may save you a good deal of trouble with the installation of the pickup as well as reduce the chances of damage to other electrical parts.

### Special Instructions

DiMarzio Signature Series™ Brian May Model pickups are packaged in specially matched pairs. They are offered this way because (by Brian's own estimate) 90% of the time his "sound" is achieved with the middle and bridge pickups "ON" simultaneously in series. These instructions will show you how to wire the pickups to get this sound while still being able to switch to your original sounds. If you would like a third Brian May Model pickup to complete the set, it may be obtained from your DiMarzio dealer. Ask him for a DP206N. (Warning: Do not expect to achieve the Brian May "sound" by using a DP206N only.)

### Basic Instructions

DiMarzio Signature Series™ Brian May Model pickups have similar dimensions to Stratocaster pickups, and we assume you will be installing them in this type of guitar. Note that the pickups are labeled "middle" and "bridge". It is important to install the pickups in the positions for which they are intended. When the middle pickup is "ON" together with either the Brian May Model Bridge or most other standard neck pickups, the combination will be humbucking.

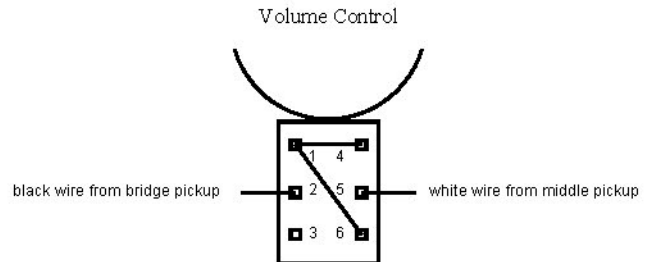
### Wiring Instructions

The basic sound of DiMarzio Signature Series™ Brian May Model pickups is produced by having both pickups on together in series. This is different from the way most guitars are wired, which is with the pickups combined in parallel. The sound of pickups in series is more powerful and much fuller. The easiest way to obtain this sound, without altering the appearance of the guitar, is by replacing your original volume control with a combination push/pull control. When you pull up on the volume control knob, the series setting will be activated. You can add a separate double-pole, double-throw (DPDT) miniature switch if you prefer, but you must drill a hole in your pickguard in order to install it. DiMarzio offers both types of switches. The push/pull control is our catalog number EP1200PP, and the separate DPDT switch is our catalog number EP1106. These switches will work regardless of whether your pickup selector switch is a 3-position or a 5-position type.

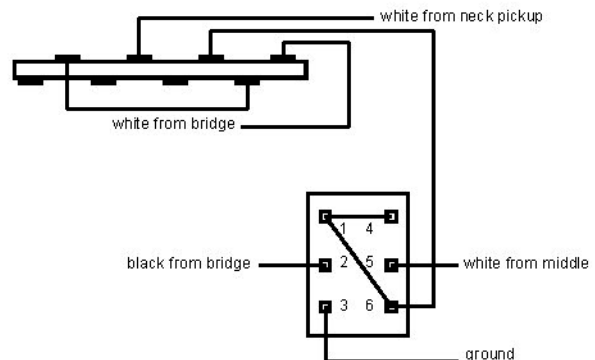
First, you must remove your original pickups. If you are not replacing the front (neck) pickup, do not unsolder it from the selector switch. Carefully unsolder the middle and bridge pickups, and make note of which tabs they were soldered to on the selector switch. If you are simply wiring the Brian May Model pickups into your guitar without series switching, solder the white wire to the tabs the original pickups were attached to, and solder the

black wires to ground. Usually, the ground connection is made to the back of a control.

To wire the pickups for series capability, first, connect the two Brian May Model pickups to either the push/pull pot or the miniature switch according to the following diagram:



As shown in the drawing, the 1 and 4 pins are the ones closest to the pot. Now, wire pin 3 to ground. Solder the black wire from the middle pickup to ground. Solder the white wire from the bridge pickup to the same tab on your selector switch to which the original bridge pickup was connected. Finally, solder a wire from pin 6 to the selector switch tab that originally connected to the middle pickup. On most guitars, the complete arrangement will look like this:



If your guitar has a 3-way or a 5-way switch with wiring that does not resemble this drawing, you need not rewire it to resemble the picture. Simply connect the wires to the tabs to which the original pickups were connected as previously described. If you are using the push/pull pot, you will also have to wire the pot connections. These connections should be made exactly as the original connections. There is a small tab at the bottom of the switch to which ground wires can be soldered.

When you have completed the wiring, you will have every pickup selection choice you originally had, plus the following:

- When the pickup selector switch is in the bridge (lead) position, activating the series switch will turn on the middle and bridge pickups in series.
- If you have a 5-way switch, the number 4 (middle and bridge) position will only connect the middle pickup when the series switch is activated. The series switch will have no effect on the neck and middle pickup positions.