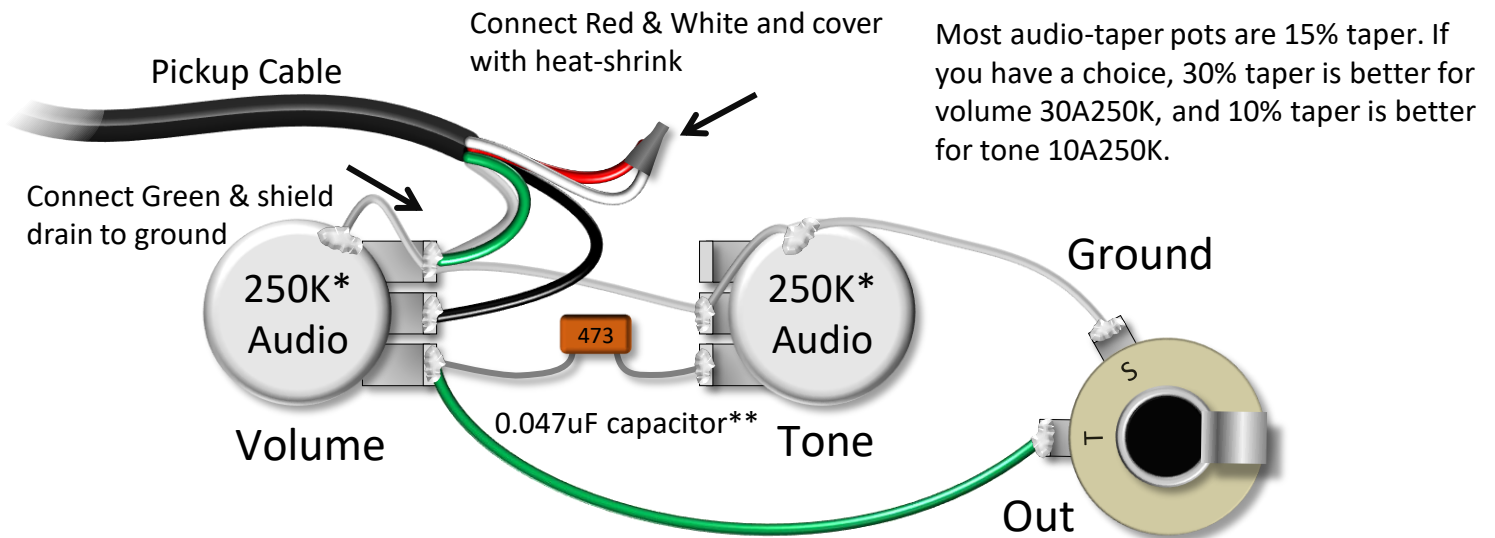


Single 4-Conductor Pickup: Passive Setup with Volume and Tone

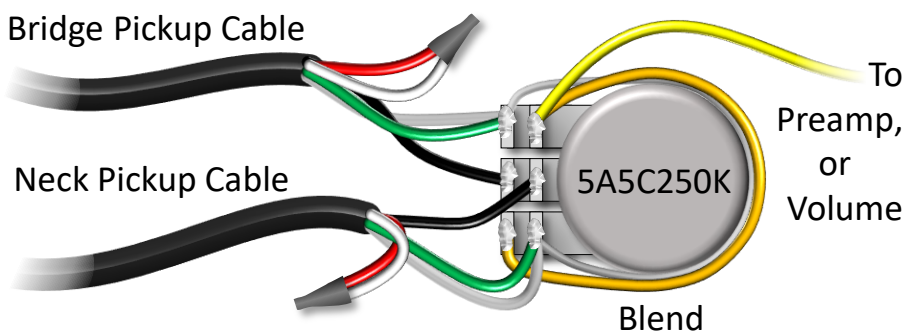
Bartolini pickups are precision magnetic transducers designed and built to bring out the fullest response from electric guitars and basses. They are hand assembled in California from quality materials and carry a 1-year warranty against defects in materials and workmanship.

Most Bartolini pickups can be used with standard passive tone and volume controls. The diagram below is a very simple setup for passive tone and volume for a single pickup using 4-conductor cable. This will connect the pickup coils in series hum canceling for the fullest output.



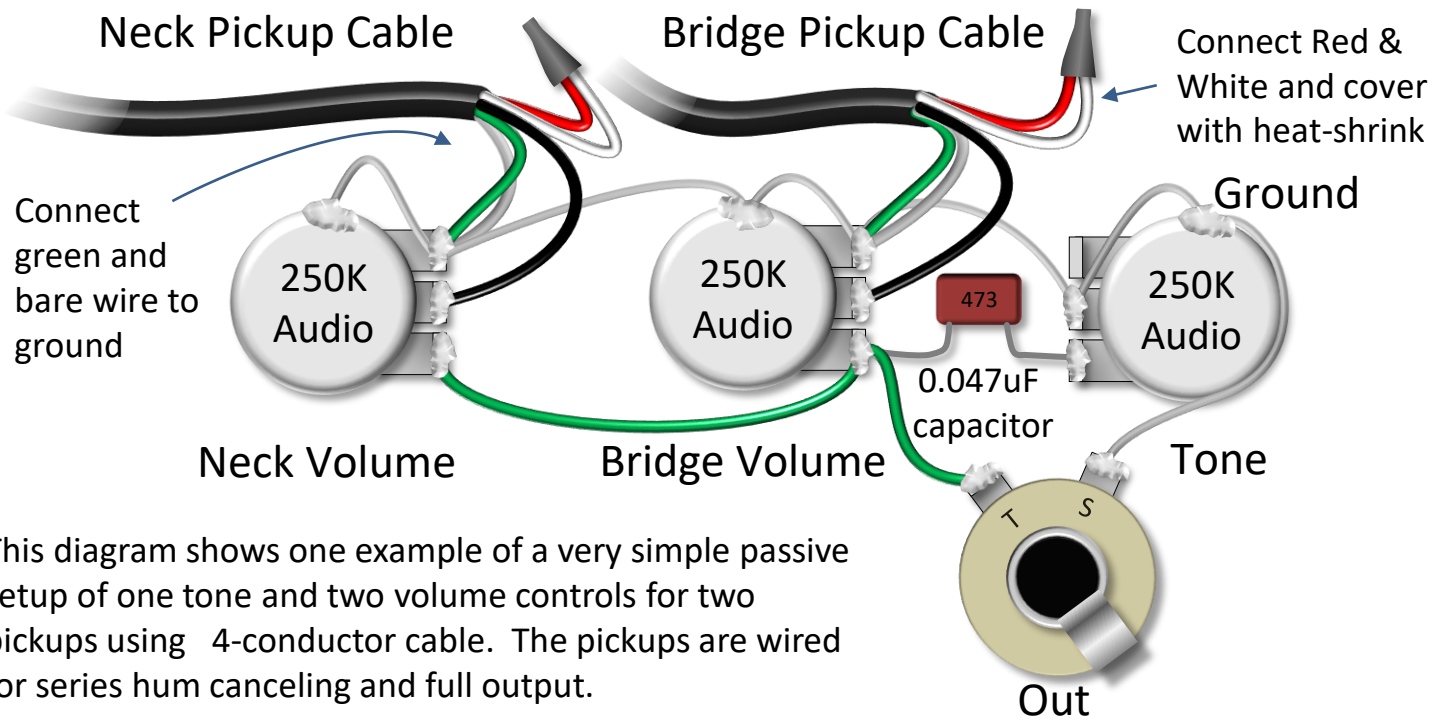
A capacitor of lower value will provide brighter tone. For bass common values are between **0.068uF (darkest tone) and 0.022uF (brightest tone), and for guitars between 0.033uF(dark) and 0.010uF(bright). 250KΩ pots are most common for bass.* 500KΩ pots will give basses a brighter tone but are more commonly used with guitar humbucker pickups.

Dual 4 Conductor pickups connected to a blend pot as part of a Bartolini pre-wired harness.



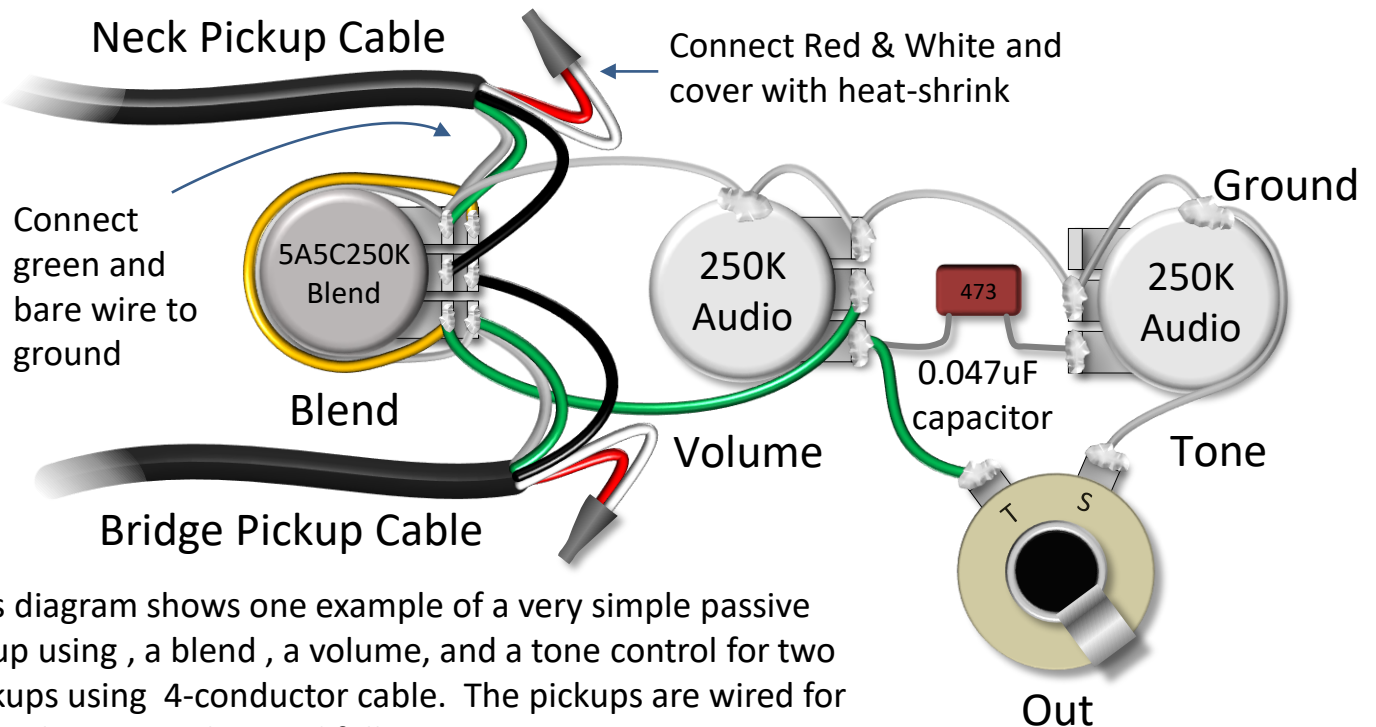
Blend pots may be 5A5C taper or MN taper. 5A5C reduces volume for each pickup slightly at center detent for more even volume overall. MN will be louder at center. Preferences vary. We usually use 5A5C.

Dual 4-Conductor Pickup Passive Setup with 2 Volumes and 1 Tone



This diagram shows one example of a very simple passive setup of one tone and two volume controls for two pickups using 4-conductor cable. The pickups are wired for series hum canceling and full output.

Dual 4-Conductor Pickup Passive Setup with Blend, Volume, and Tone

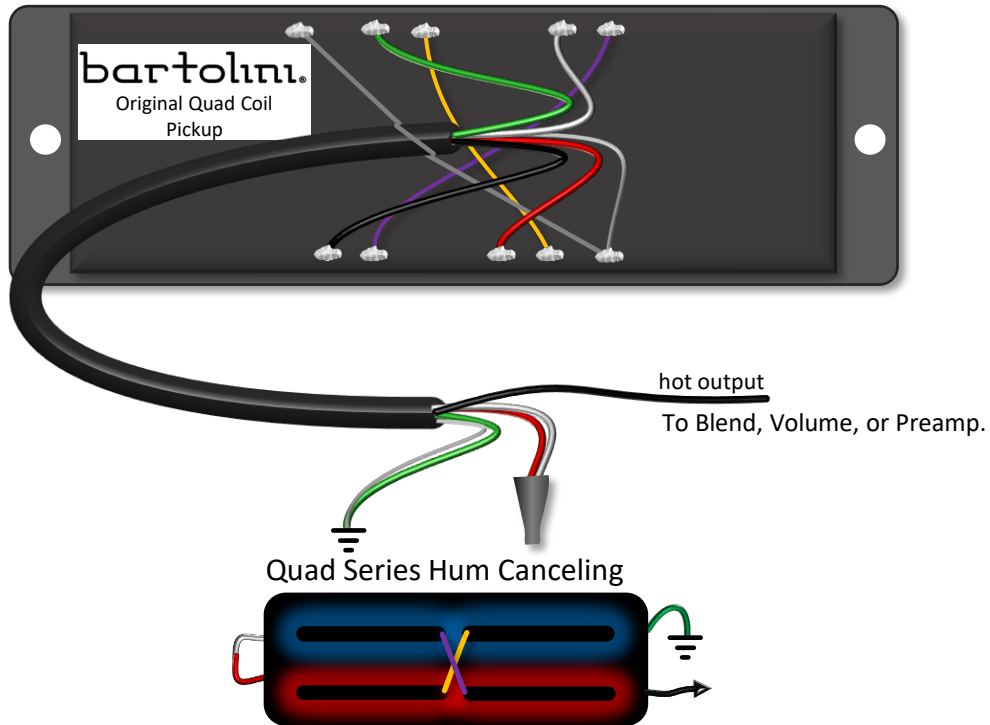


This diagram shows one example of a very simple passive setup using a blend, a volume, and a tone control for two pickups using 4-conductor cable. The pickups are wired for series hum canceling and full output.

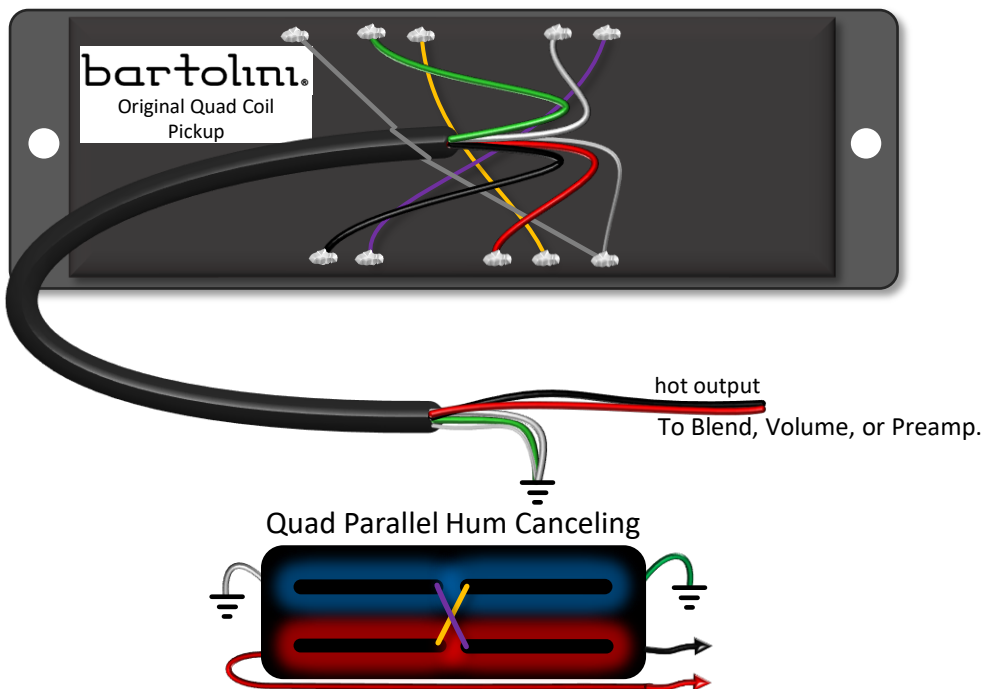
These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.

Bartolini Original Quad Coil Humbucker Wiring Options

Series Hum Canceling



Parallel Hum Canceling



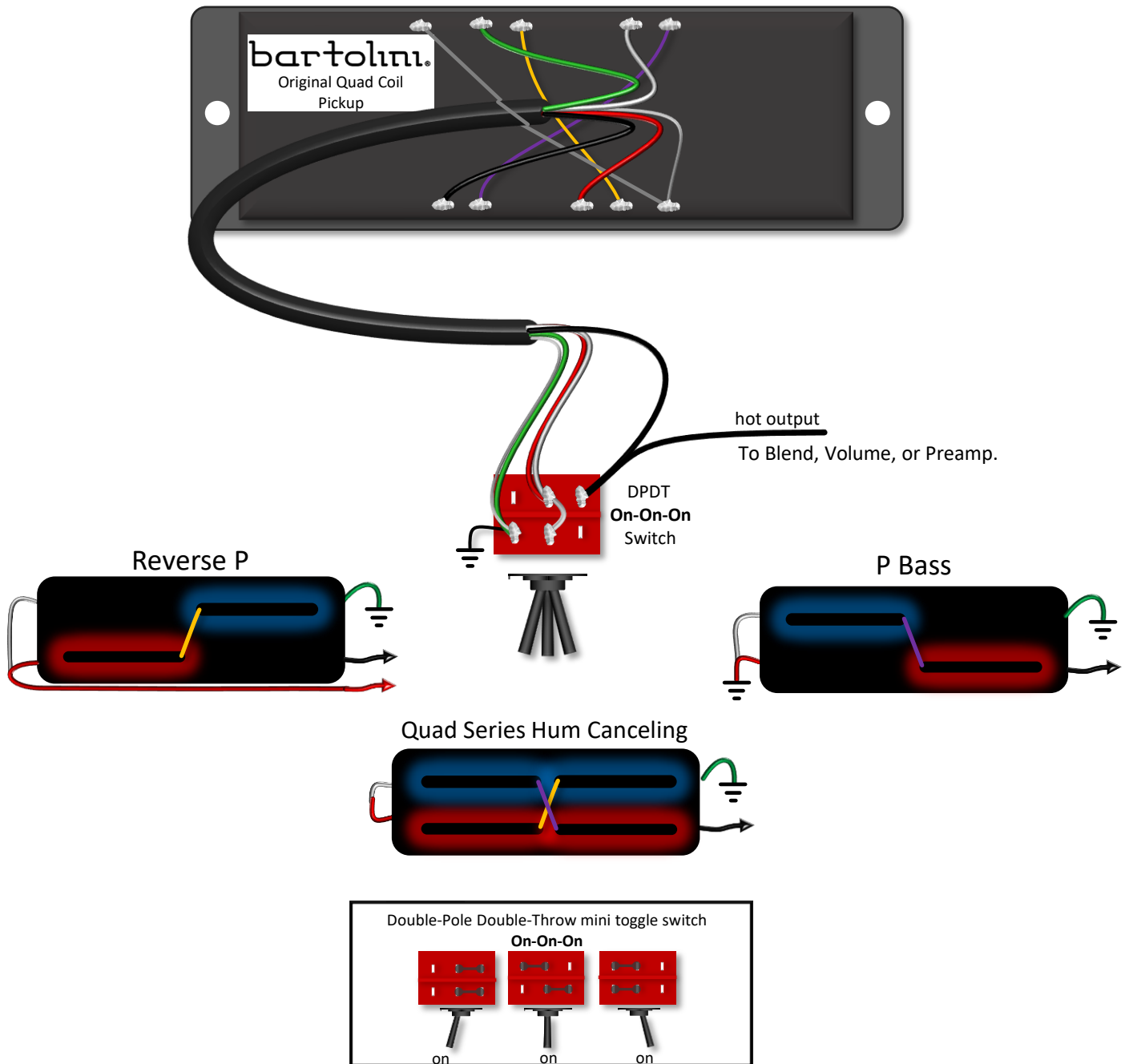
Bridge side coils are **North** magnetic polarity and shown in **red**
Neck side coils are **South** magnetic polarity and shown in **blue**.

⏏ Denotes "ground". Which is connected ultimately to the sleeve terminal on the jack.

These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.

Reverse P Bass /Quad Coil Series Hum Canceling/ P Bass

Using a DPDT **On-On-On** Mini Toggle



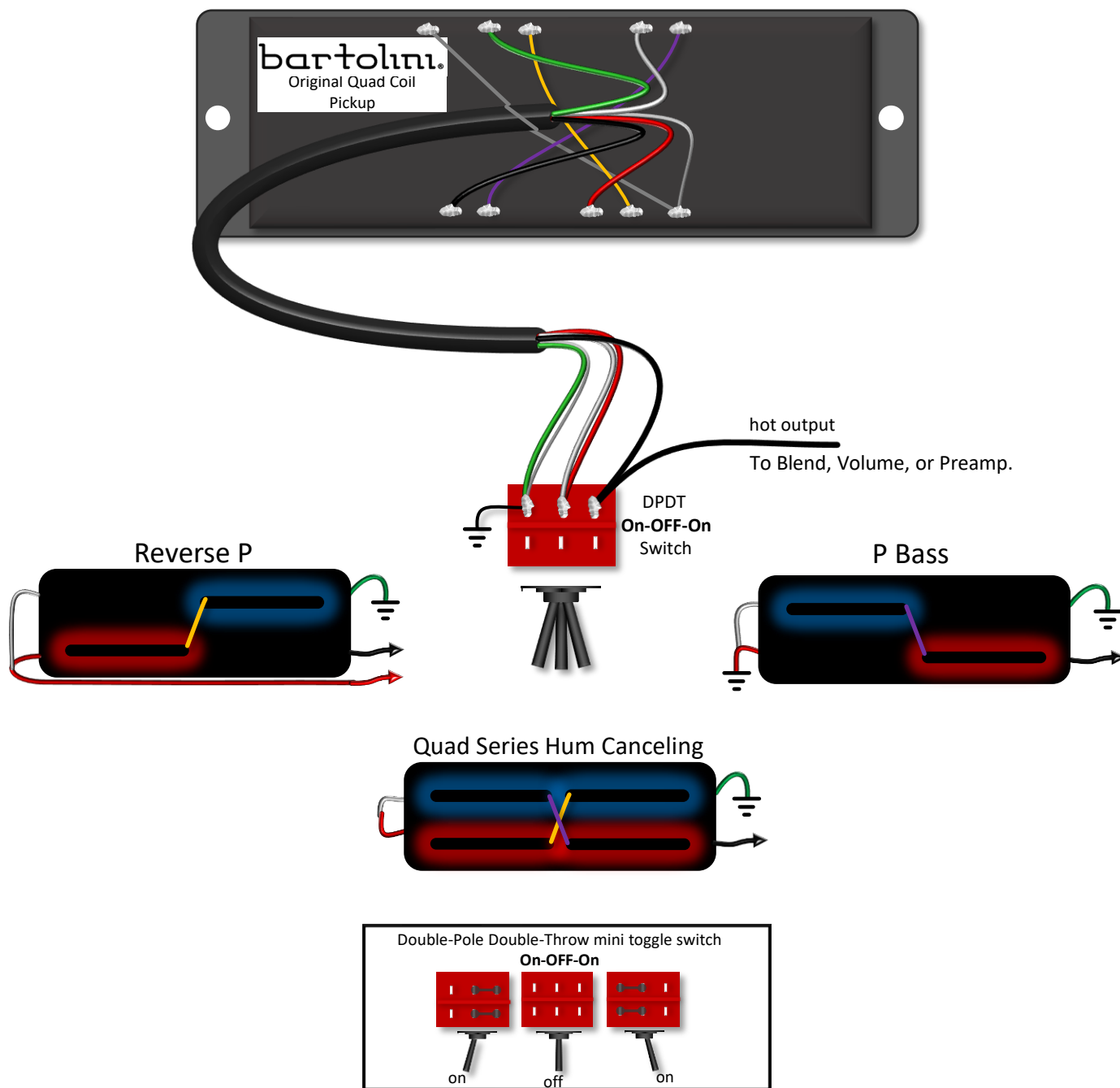
Bridge side coils are **North** magnetic polarity and shown in **red**
Neck side coils are **South** magnetic polarity and shown in **blue**.

⏏ Denotes "ground". Which is connected ultimately to the sleeve terminal on the jack.

These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.

Reverse P Bass /Quad Coil Series Hum Canceling/ P Bass

Using a DPDT On-OFF-On Mini Toggle



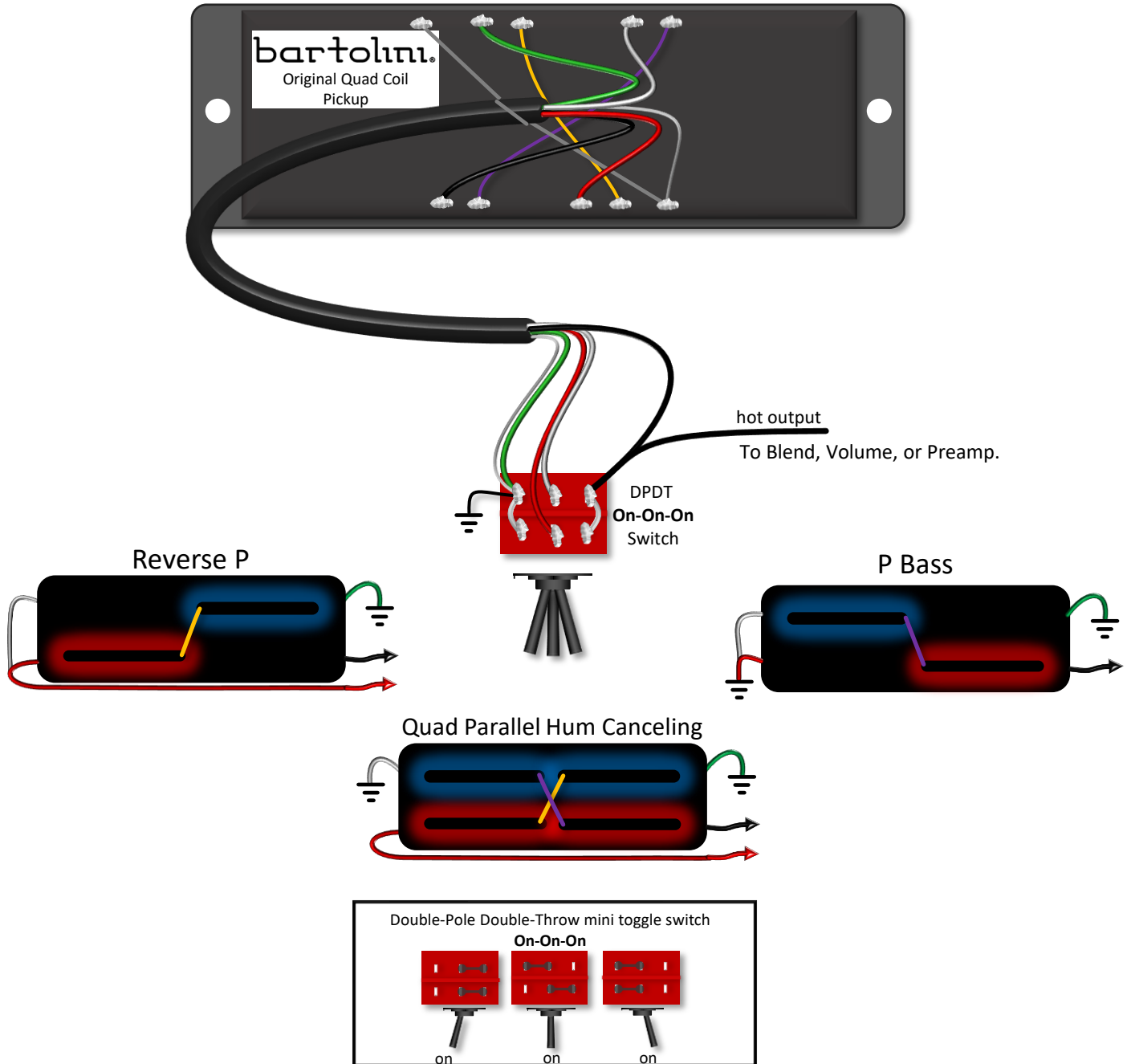
Bridge side coils are **North** magnetic polarity and shown in **red**
Neck side coils are **South** magnetic polarity and shown in **blue**.

⏏ Denotes "ground". Which is connected ultimately to the sleeve terminal on the jack.

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Reverse P Bass /Quad Coil Parallel Hum Canceling/ P Bass

Using a DPDT On-On-On Mini Toggle



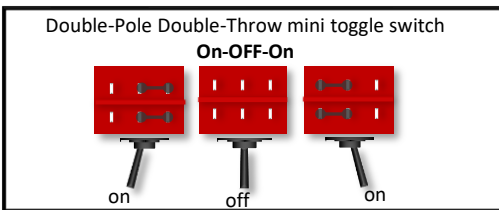
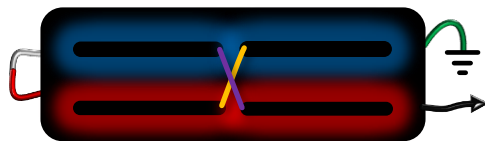
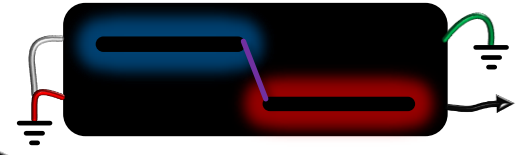
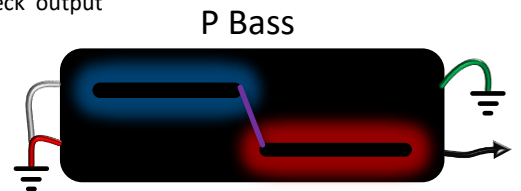
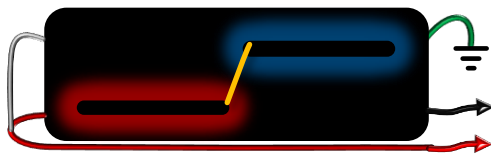
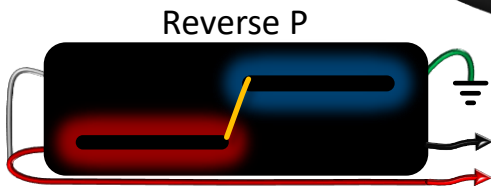
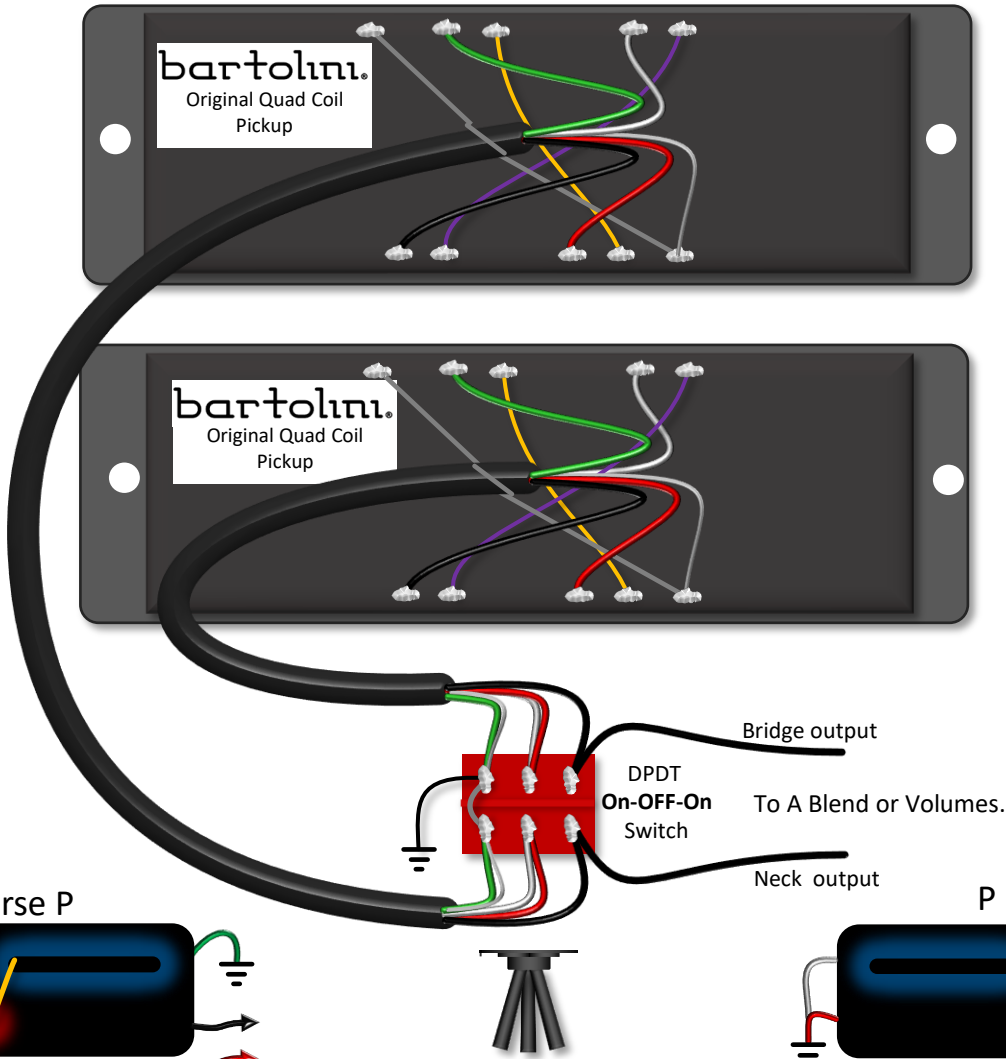
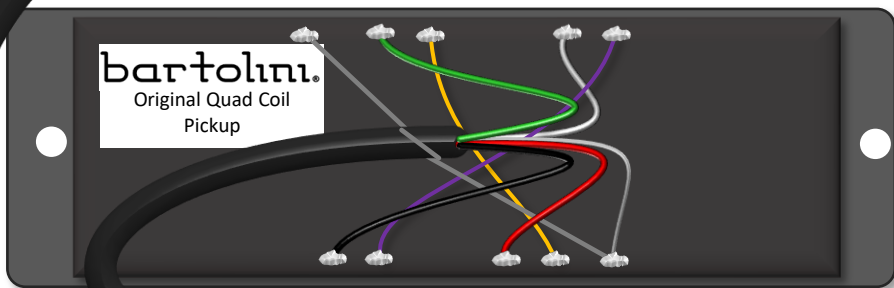
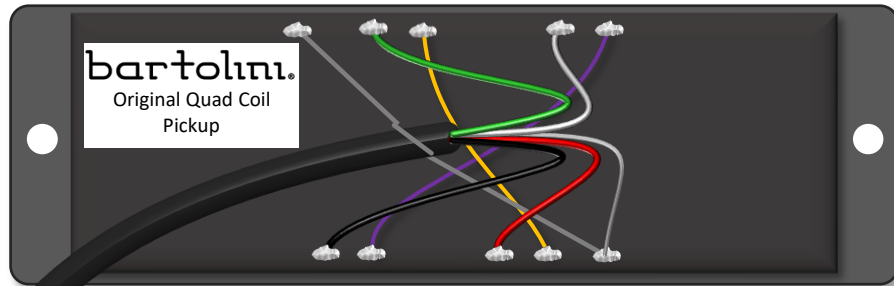
Bridge side coils are **North** magnetic polarity and shown in **red**
 Neck side coils are **South** magnetic polarity and shown in **blue**.

⏏ Denotes "ground". Which is connected ultimately to the sleeve terminal on the jack.

These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.

Bartolini Original Quad Coil Humbucker Wiring Options

Using a DPDT On-OFF-On Mini Toggle



Bridge side coils are **North** magnetic polarity and shown in **red**
Neck side coils are **South** magnetic polarity and shown in **blue**.

⏏ Denotes "ground". Which is connected ultimately to the sleeve terminal on the jack.

These sample wiring diagrams do not represent what is included with any Bartolini prewired harness or pickup but are only examples of how Bartolini 4-conductor cabled pickups can be switched for tonal variations.