

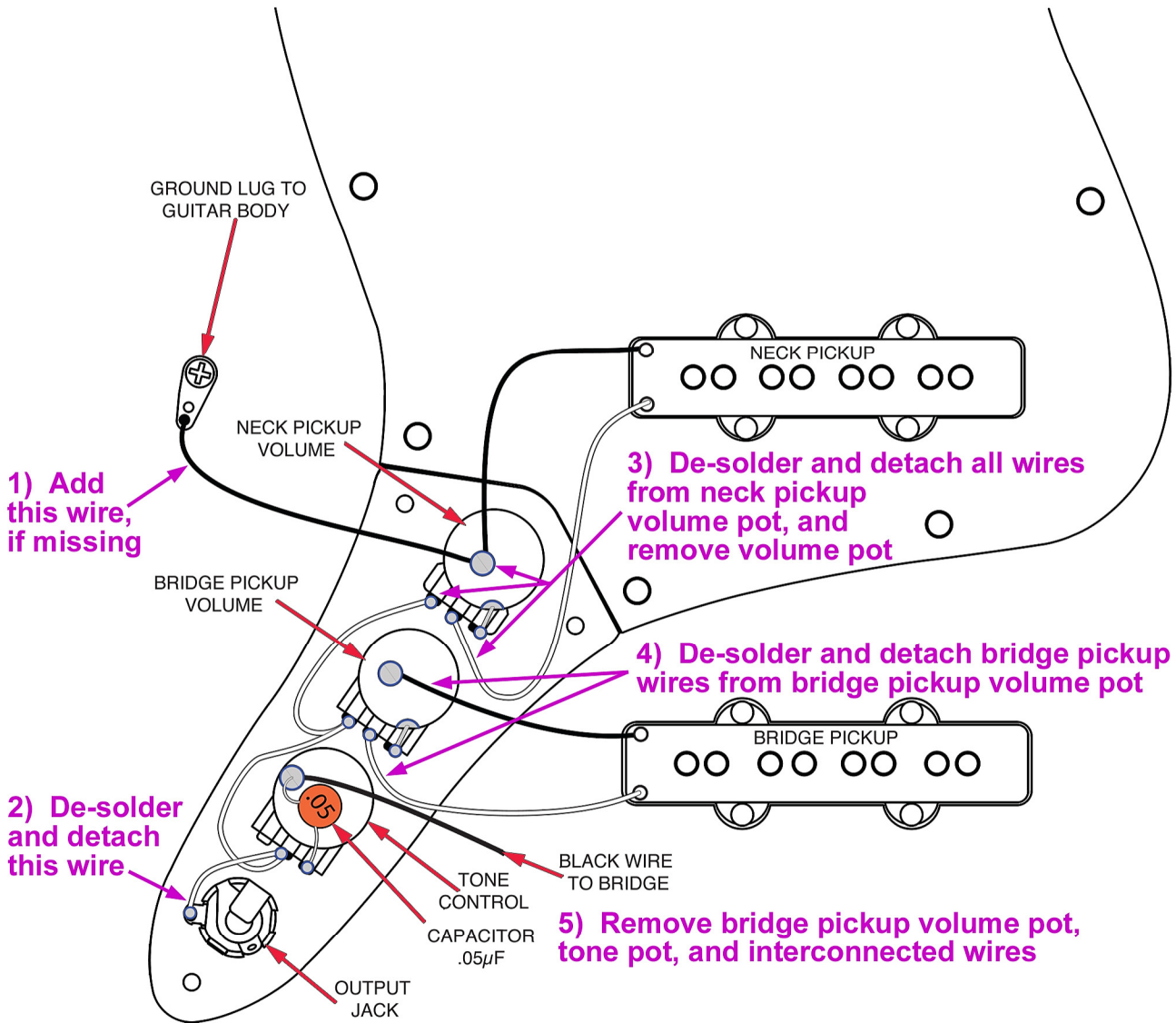
**WIRING ASSEMBLY**

**OPTION D**

**Master Stacked Volume/Depth - Blend - ToneStyler**

Replace neck PU volume pot with dual-concentric pot; replace bridge PU volume pot with blend pot; replace master tone pot with ToneStyler BASS SIX, TEN or ELEVEN.

Inner stacked knob is the master volume; outer ring knob is the “tone depth control”, which adjusts the EQ strength and treble balance of the ToneStyler. Set depth knob fully anti-clockwise for strongest/deepest ToneStyler EQ contours and maximum treble/mid cut-off.



**(OVER)**

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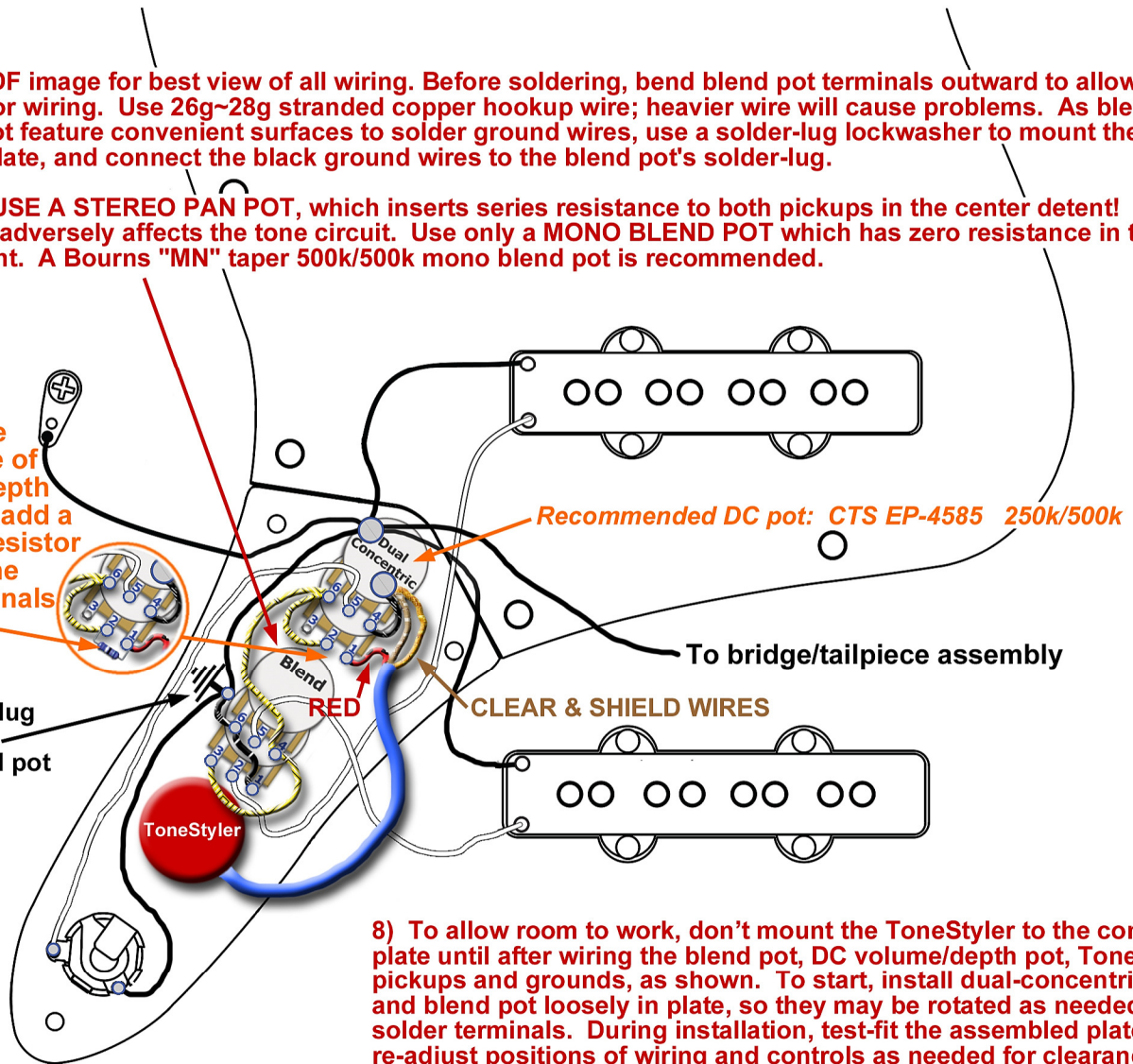
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6) Zoom PDF image for best view of all wiring. Before soldering, bend blend pot terminals outward to allow clearance for wiring. Use 26g~28g stranded copper hookup wire; heavier wire will cause problems. As blend pot cases do not feature convenient surfaces to solder ground wires, use a solder-lug lockwasher to mount the blend pot to the plate, and connect the black ground wires to the blend pot's solder-lug.

7) NEVER USE A STEREO PAN POT, which inserts series resistance to both pickups in the center detent! Resistance adversely affects the tone circuit. Use only a MONO BLEND POT which has zero resistance in the center detent. A Bourns "MN" taper 500k/500k mono blend pot is recommended.

**OPTION:**  
To limit the wide range of the tone depth ring knob, add a 30k ohm resistor between the 2 & 1 terminals as shown

Use solder-lug lockwasher under blend pot



8) To allow room to work, don't mount the ToneStyler to the control plate until after wiring the blend pot, DC volume/depth pot, ToneStyler, pickups and grounds, as shown. To start, install dual-concentric pot and blend pot loosely in plate, so they may be rotated as needed to solder terminals. During installation, test-fit the assembled plate, and re-adjust positions of wiring and controls as needed for clearance, then tighten using a hex socket or nut driver.

9) Blend pot operation: turn knob fully-clockwise for maximum solo neck pickup volume on inner deck 3-2-1; turn knob fully-anti-clockwise for maximum solo bridge pickup volume on outer deck 6-5-4; turn knob to center detent for maximum volume on both pickups together.

10) Option: if solo bridge pickup is desired on full-clockwise, swap pickup hot wires on input terminals 2 & 5