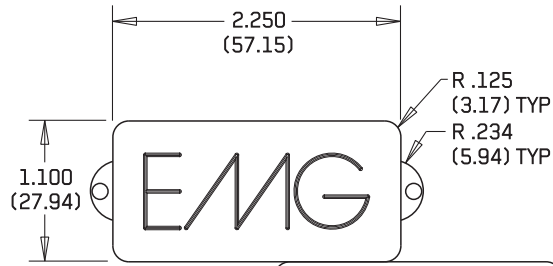




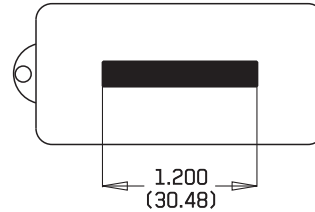
0230-0393rA

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EMGPICKUPS.COM



#4 WOOD SCREW
FOR MOUNTING



MAGNETIC FIELD
(EACH COIL)

INSTALLATION INFORMATION

EMG MODELS: LEE SKLAR - OLP SET

SPECIFICATIONS:

Logo
Magnet Type
Resonant Frequency (kHz)
Typical Output Noise (dBV)
Output Impedance (kΩ)
Current Draw @9V (mA) *
Current Draw @18V (mA) *
Maximum Supply (Volts DC)

MODEL:

OLP
Original (Raised)
Ceramic
9.65
-117
10.0
0.27
0.32
27

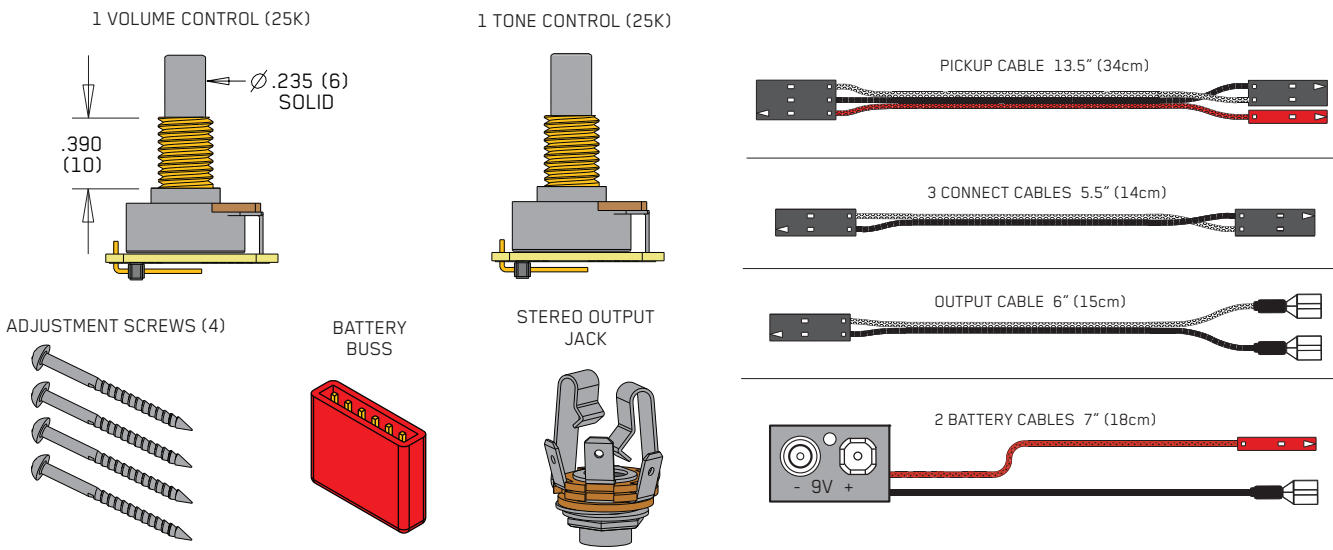
*Note: Current draw for one pickup, without any active EQ accessories

INSTALLATION NOTES:

The EMG OLP is a **BOLD, HIGH-GAIN** pickup based on an original 1970s prototype model. Operating at 18 Volts is highly recommended to achieve its greatest potential, especially with respect to playing dynamics. See Page 4 for examples of 18 Volt wiring options.

All EMG Active Pickups are compatible with each other. EMG accessories (VLPF, EXB, SPC, RPC, etc.) can be added to any EMG Pickup System without requiring an extra battery. EMG Pickups typically do not require string grounding. Use the included 25 kΩ controls for best results. If your output jack is a long panel style, you will need a stereo version, such as the SwitchCraft 152B, and soldering is required (see Page 4). We recommend setting the pickup height 3-5mm from the strings when fretting high on the neck. Make small adjustments as needed for string balancing. Additional wiring diagrams are available at emgpickups.com.

INCLUDED WITH EACH SET:



WARRANTY

All EMG Pickups and accessories are warranted for a period of two years. This warranty does not cover failure due to improper installation, abuse or damage. If upon examination the pickup is determined to be defective, a replacement will be made. Warranty replacement products are covered by this same warranty. This warranty covers only those pickups and accessories sold by authorized EMG Dealers. This warranty is not transferable.

Installation Instructions:

EMG Models: OLP SET

General Notes:

Every attempt has been made to make this a solderless installation. There are some instances where this is not possible;

- 1) If your instrument uses a long panel output jack and you had passive pickups you will need a new stereo output jack, the Switchcraft 152B is recommended. Soldering to the new jack will be required, see Diagram #9 on Page 4.
- 2) Some instruments may already have a battery holder installed. In that case soldering may be required to the battery buss, see Diagram #10 on Page 4.
- 3) Instruments with two pickups and a selection switch may need soldering in some installations. See Diagram #8 on Page 4 for additional information.

If you are installing only one pickup use the instructions on this page. If you are installing two pickups go to Page 3 and begin there.

Installation (One Pickup Bases):

- 1) Plug the pickup cable onto the EMG Pickup header as shown in Diagram #1 and route the cable to the control cavity. If the cable is too long, wind up the excess and keep it under the pickup if possible.

Master Volume control only

- 2) Refer to Diagram #2. Plug both the pickup cable and the output cable onto the volume control as shown, then go to step 4.

Master Volume and Tone control

- 3) Refer to Diagram #3. Plug the pickup cable onto the volume control as shown. Plug a connector cable from the volume control to the tone control. Plug the output cable onto the tone control as shown.
- 4) Connect the wires of the output cable to the output jack by pushing the connectors on as shown. WHITE wire to the TIP (T) contact, BLACK wire to the SLEEVE (S) contact, BLACK battery negative wire to the RING (R) contact.
- 5) Using the battery buss, insert the RED wire of the pickup, and the battery RED wire. Extra pins can be used for EMG Accessories.
- 6) Wrap the battery in a piece of insulating foam and place it securely in the control cavity.

We suggest that you plug in the instrument and test it before closing the control cavity.

Diagram #1

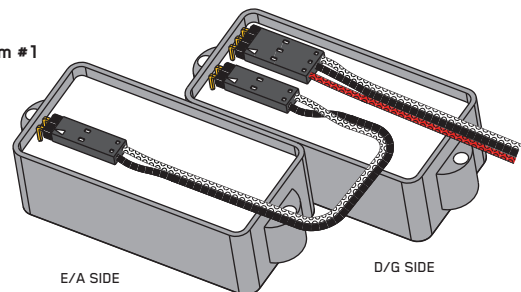


Diagram #2
One Pickup
One Volume

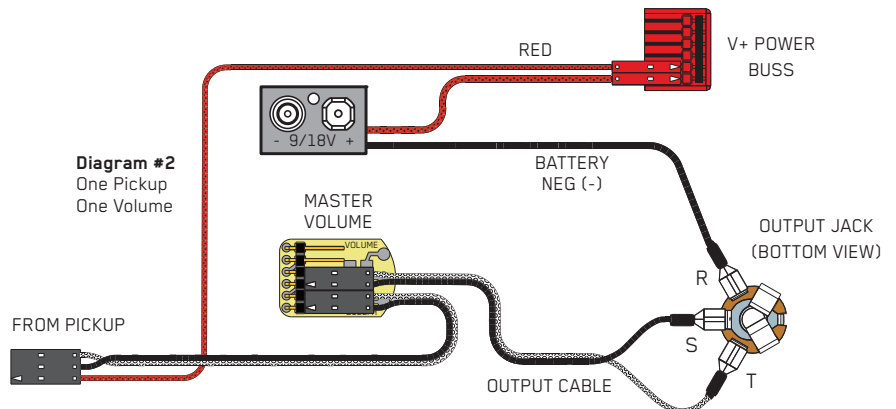
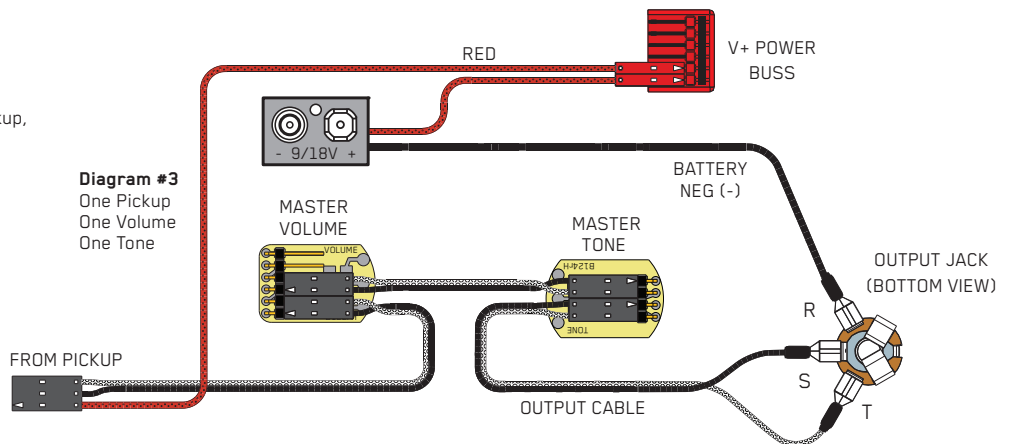


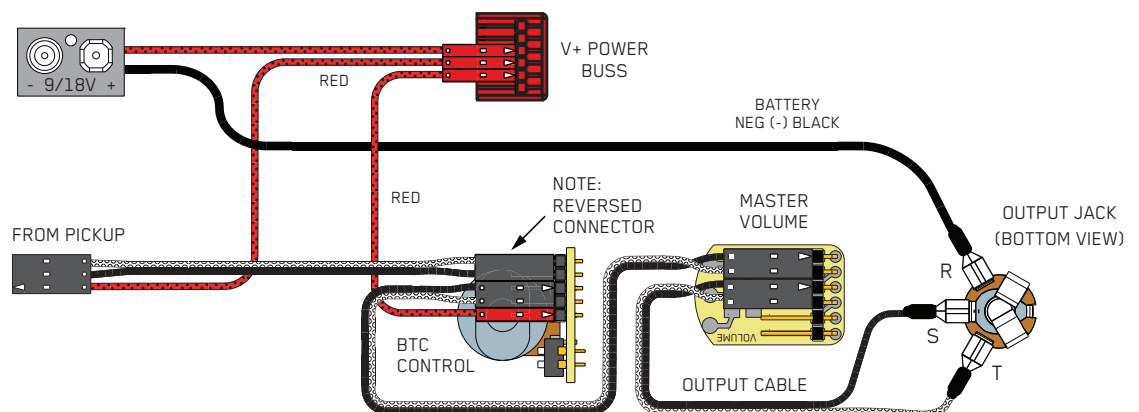
Diagram #3
One Pickup
One Volume
One Tone



Using EMG Active Accessories (BT, BQ, VLPF, etc.)

Diagram #4 below shows the installation of a single volume control along with the BTC Control. The BTC Control shares the same 5-pin connection scheme as many other EMG accessories such as the BQS, EXB, SPC, and more. Each accessory is sold separately. Visit emgpickups.com for more information.

Diagram #4
One Pickup
One Volume
BTC Control



2 Pickups / No Switch / 2 Volumes and Master Tone
Traditional PJ-Bass Style wiring

Refer to Diagram #5

- 1) Install the Pickups and route the Pickup cables to the control cavity.
 If the cables are too long, keep any excess under the pickup.
- 2) Mount the Volume and Tone controls into the body / pickguard / control plate.
 Plug the Neck Pickup Cable onto the Neck Volume control.
 Plug the Bridge Pickup Cable onto the Bridge Volume control.
- 3) Plug a connect cable from the Neck Volume to the Bridge Volume.
- 4) Plug a connect cable from the Bridge Volume to the Master Tone control.
- 5) Plug the output cable onto the Master Tone control and connect the output wires to the output jack by pushing the connectors on as shown.
 WHITE wire onto the TIP (T) contact,
 BLACK wire onto the SLEEVE (S) contact,
 BLACK Battery Negative wire onto the RING (R) contact.

- 6) Plug the RED Wires of the pickups onto the V+ Supply Buss (RED Shroud) along with the RED of the battery clip.
 Extra pins on the V+ Supply Buss are for EMG Accessories.
- 7) Wrap the battery in insulating foam and place it securely in the control cavity.

We suggest that you plug in the instrument and test it before closing the control cavity.

Diagram #5
 2 Pickups
 2 Volumes
 Master Tone

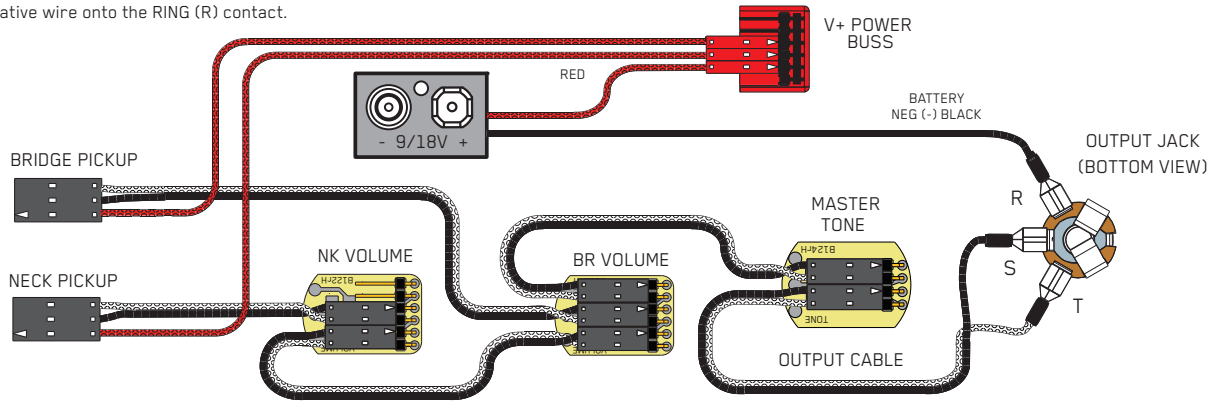


Diagram #6
 2 Pickups / B118 Active Balance Control / Master Volume and Master Tone

This installation can be used for instruments with 3 control positions like the diagram above, but using a Balance control (sold separately) instead of 2 Volume controls. See Diagram #7 for alternate installations using active EMG accessories/EQ controls (VLPF, EXB, SPC, RPC, etc.) in place of the included 25 kΩ Tone control.

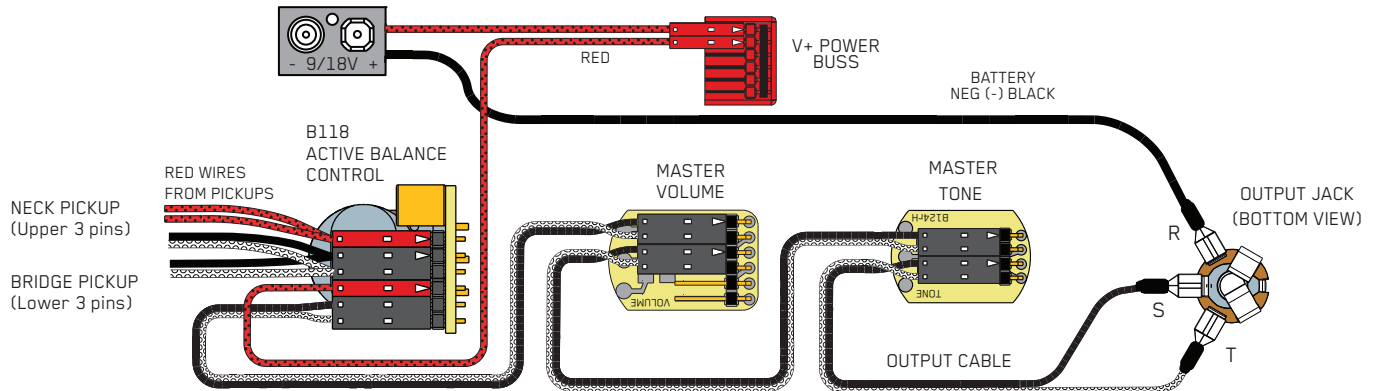
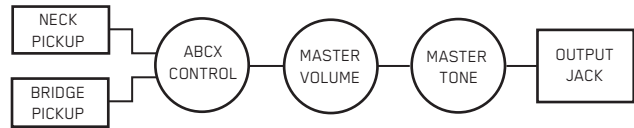


Diagram #7
 2 Pickups / B118 Active Balance Control / Master Volume / Active Accessory

This diagram is for installations that include the EMG ABCX Active Blend Control and BTC Control (2-band EQ). The BTC Control shares the same 5-pin connection scheme as many other EMG accessories such as the BTS, EXB, SPC, and more. Each accessory is sold separately. Visit emgpickups.com for more information.

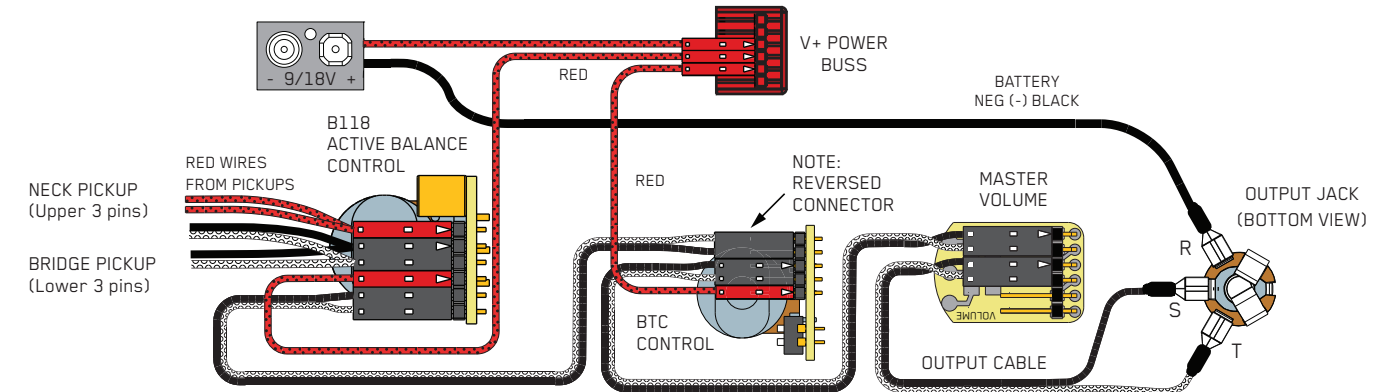
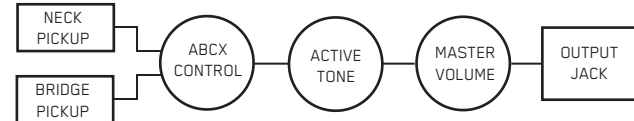


Diagram #8

If your instrument has a selection switch:

Shown below is the EMG B245 Pickup Buss which is used for instruments with 2 pickups and a 3-position selection switch. If you have a selection switch and want your installation to remain solderless, you'll need a B245 Buss. Please visit emgpickups.com to purchase the B245 Buss from our available Parts / Wiring Components product page.

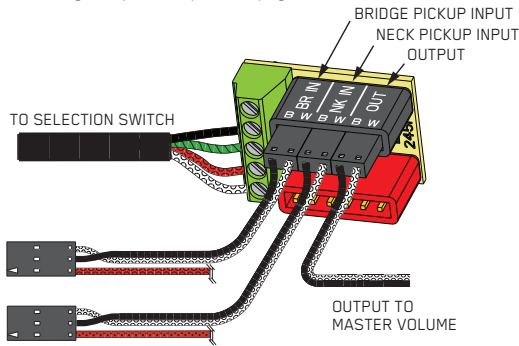


Diagram #9

Soldering to the 152B Panel Jack:

If your instrument has a long Panel Jack like the one below you will have to solder the output cable as shown. Ground (Black) to the sleeve
Signal (White) to the Tip
Battery Negative (Black) to the Ring

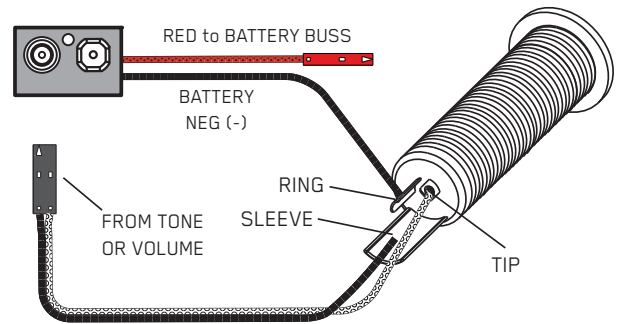


Diagram #10

If the instrument has a Battery Holder:

If your instrument has a 9 or 18 Volt battery holder you can still use the EMG Connectors to supply power to the pickups. Simply cut and strip the wires from the battery clip provided. Twist the wires together and use shrink tubing to cover the connections. Soldering the wires is preferred.

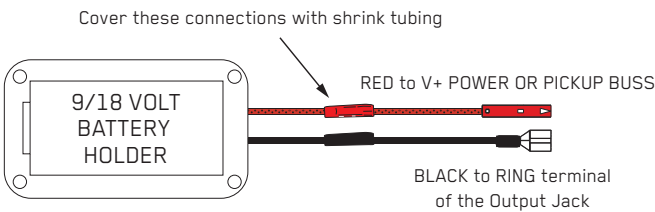


Diagram #11

+18 Volt Wiring Option (Soldered):

If you want to operate your instrument at +18 Volts for greater headroom and playing dynamics, use two battery clips wired in series as shown below. +18 Volts is highly recommended for the OLP pickup, as well as any type of Active Accessory or EQ in your instrument which boosts the pickup signal. (BT, BQ, VMC, EXB, SPC, RPC, etc.)

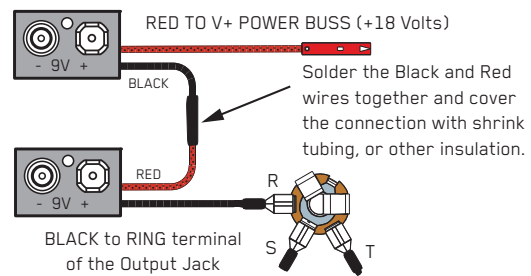
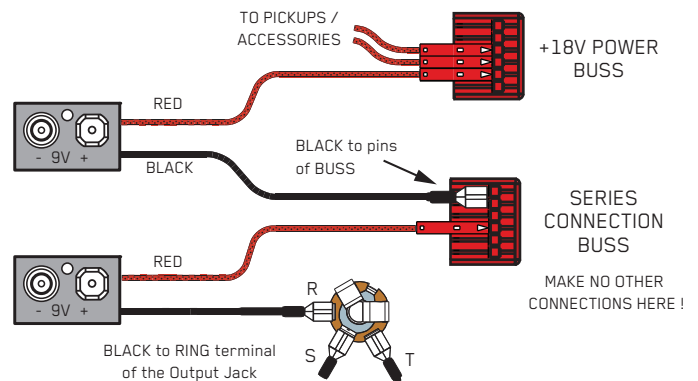


Diagram #12

+18 Volt Wiring Option (Solderless):

Shown to the right is alternate method to join two battery clips in series for +18 Volts operation. This method may not be as secure as soldering the battery clip wires directly as shown in Diagram #11, above. However, this method is easily reversible and requires no soldering. All EMG active pickups and accessories will be powered from the same +18 Volt Power Buss. Both batteries will drain at the same rate. **DO NOT** make any other connections to the Series-Connection Buss.



COMPLIANCE



EMG Pickups and Accessories comply with the following regional certifications.

| Region | Certification |
|------------------|-----------------------|
| Europe | CE, WEEE, REACH, RoHS |
| North America | RoHS |
| USA (California) | California Prop 65 |
| UK | UKCA |

ELECTRONIC PRODUCTS AND BATTERY DISPOSAL



All electrical and electronic products and batteries must be collected separately by a local collection system. Do not dispose of these items with your normal household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please recycle the product(s) responsibly.