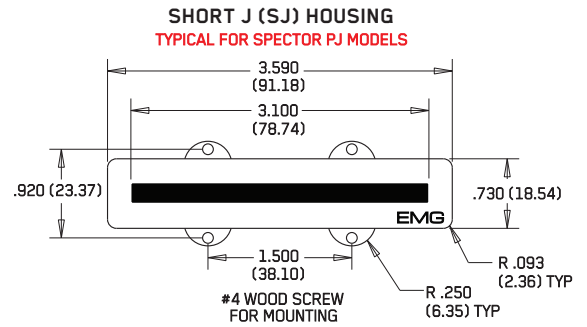
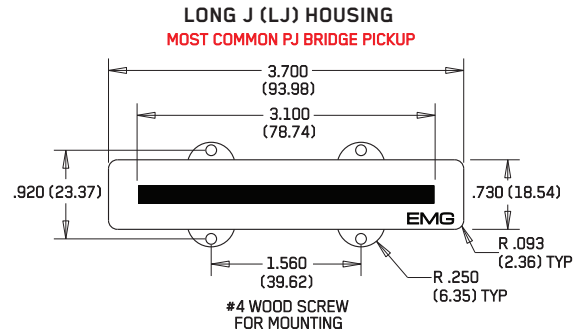
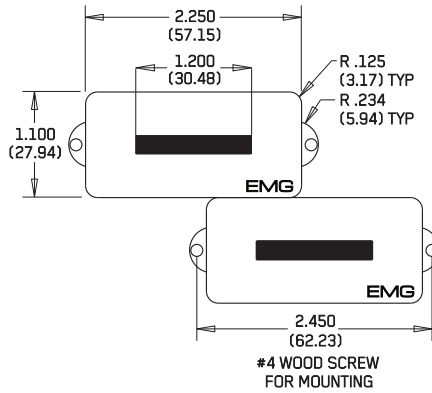




0230-0394FA

PO BOX 4394
SANTA ROSA, CA
95402 USA

P (707) 525-9941
F (707) 575-7046
EMGPICKUPS.COM



INSTALLATION INFORMATION EMG MODELS: DOUG WIMBISH - DW PJ SET

SPECIFICATIONS:

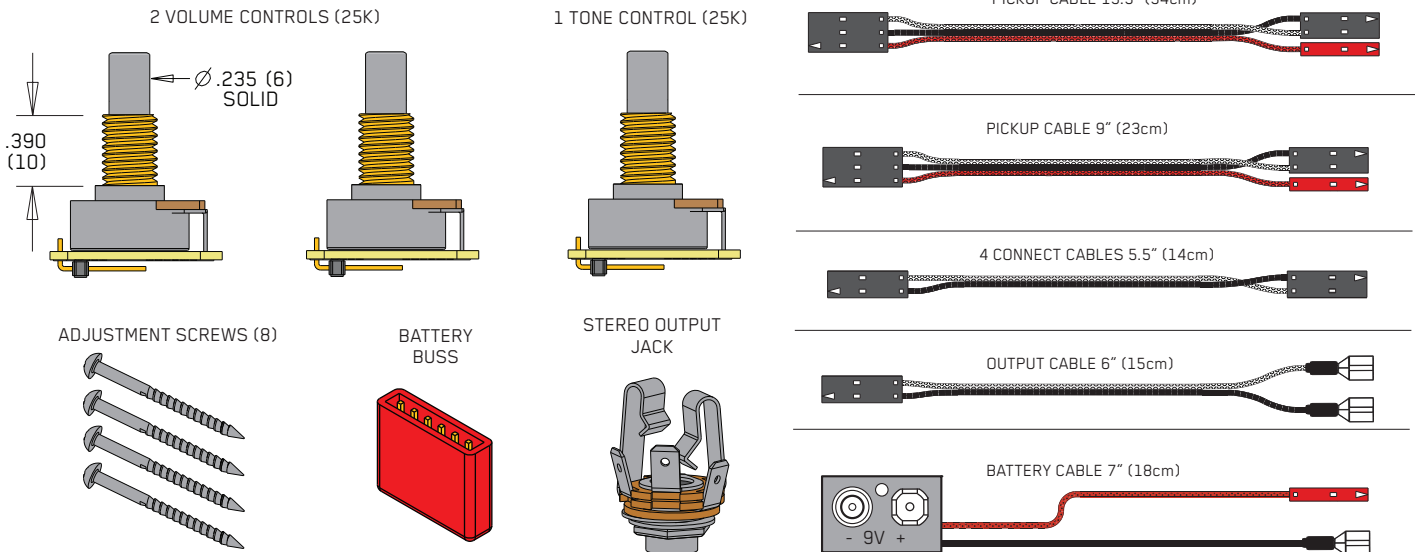
	MODEL:	MODEL:
Logo Color	DW-P Silver	DW-J Silver
Magnet Type	Ceramic	Ceramic
Resonant Frequency (kHz)	10.0	15.2
Typical Output Noise (dBV)	-120	-120
Output Impedance (kΩ)	3.16	3.16
Current Draw @9V (mA) *	0.39	0.38
Current Draw @18V (mA) *	0.44	0.42
Maximum Supply (Volts DC)	27	27

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

INSTALLATION NOTES:

All EMG Active Pickups are compatible with each other. EMG accessories (VLFP, 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 will be required (see top of Page 3). 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: DW PJ 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 #7 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 #9 on Page 4.
- 3) Instruments with two pickups and a selection switch may need soldering in some installations. See Page 3 for additional information.

2 Pickups / No Switch / 2 Volumes and Master Tone

Traditional PJ-Bass Style wiring

Refer to Diagrams #1 and #2

- 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.
- 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 #2
2 Pickups
2 Volumes
Master Tone

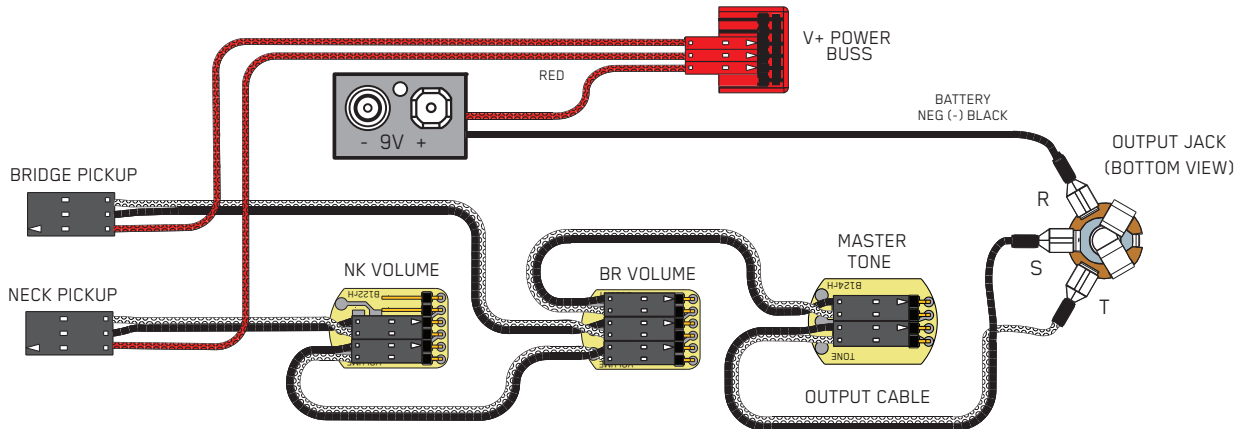


Diagram #1a

Plug pickup cable onto the 3-pin header of the J pickup as shown. Note the orientation arrow.

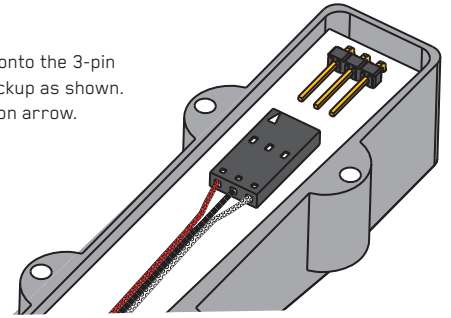


Diagram #1b

Plug 3-pin cable onto the D/G side of P pickup, and use a 2-pin connector to join the E/A side as shown. Note the orientation arrows.

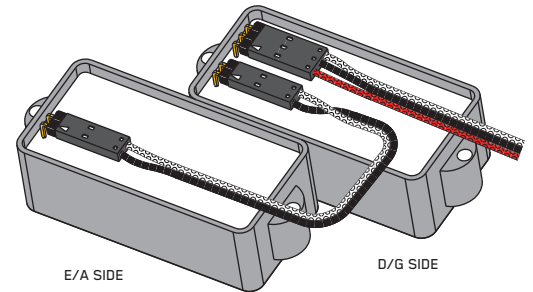


Diagram #3

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 Page 3 for alternate installations using active EMG accessories/EQ controls (VLFP, EXB, SPC, RPC, etc.) in place of the included 25 kΩ Tone control.

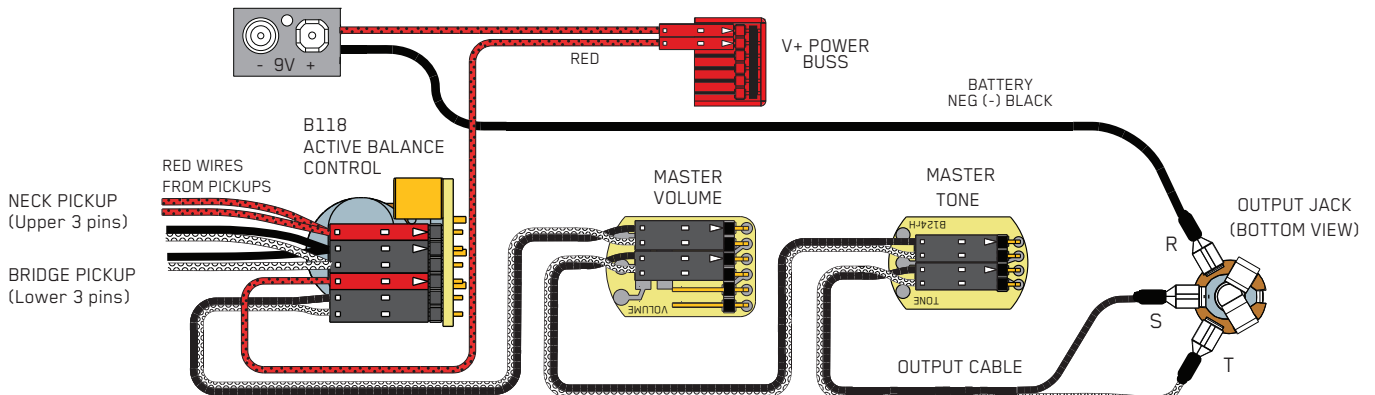
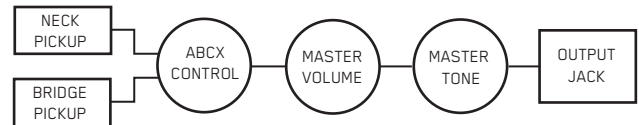
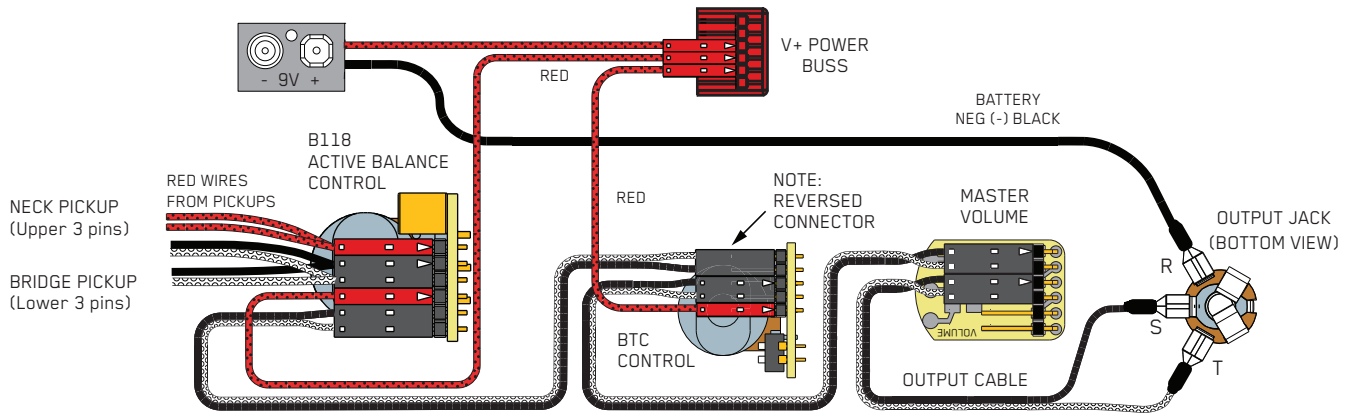
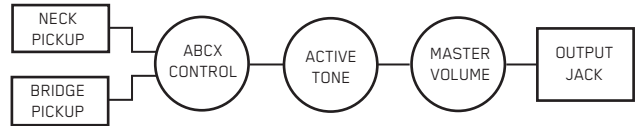


Diagram #4

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.



2 Pickups / Toggle Select Switch / Master Volume and Tone

If your instrument has a selection switch:

Shown in Diagram #5 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.

Installation Instructions

Refer to Diagrams #5 and #6 below

- 1) Install the Pickups and route the Pickup cables to the control cavity.
If the cables are too long, wind up the excess and keep it under the pickup.
- 2) Mount the Volume and Tone controls into the body.
Plug both Pickup cables into the B245 Pickup Buss (BLACK Shroud) as shown, Refer to Diagram #2
Bridge Pickup to position 1
Neck Pickup to position 2
- 3) Plug a connect cable from the Pickup Buss (position 3) to the Master Volume control as shown in Diagram #3.
- 4) Plug a connect cable from the Master Volume to the Master Tone as shown.
- 5) Strip the insulation from the switch wires and insert them into the GREEN Terminal Block and tighten the screws with a small screwdriver.
Bridge pickup goes to the "B" Terminal
The Neck pickup goes to the "N" Terminal
The Output of the switch goes to the "O" Terminal
If there is a ground wire coming from the switch, insert it into one of the "G" terminals on the block. You may also insert your bridge ground wire here.
If using the EMG solderless 3 way toggle refer to Diagram #5a. If using a hardwired 3 way blade or lever switch see Diagram #5b.
- 6) 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.

- 7) 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.
- 8) Put 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.

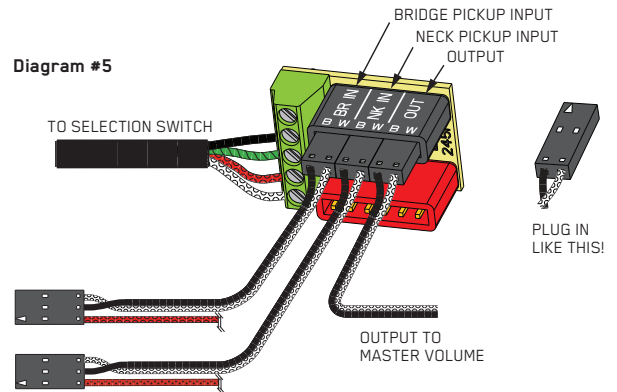


Diagram #6

2 Pickups
Toggle Style Select Switch
Master Volume
Master Tone

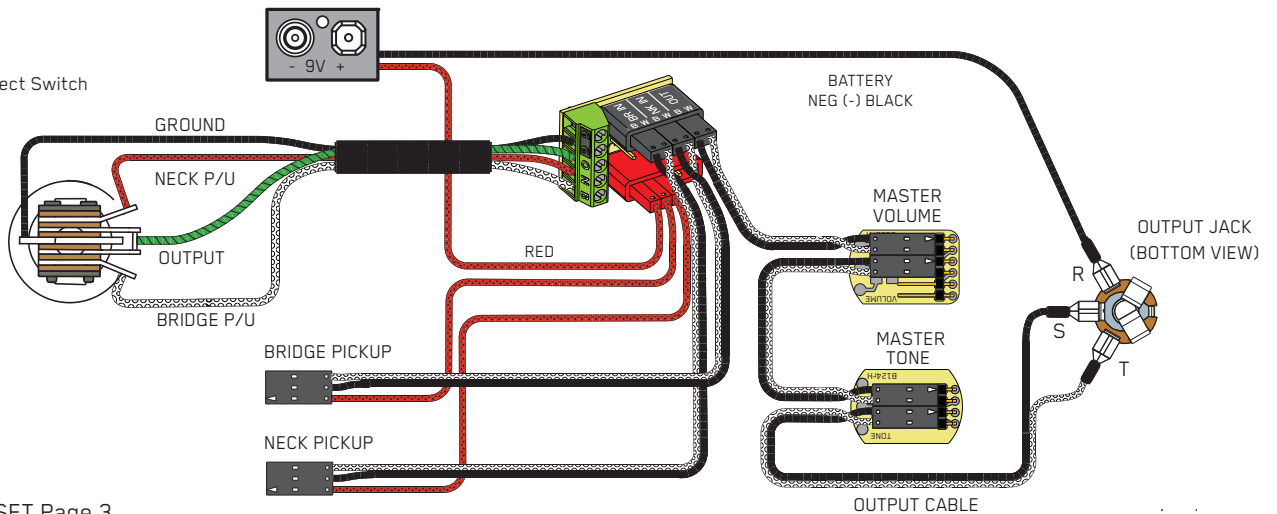


Diagram #7

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

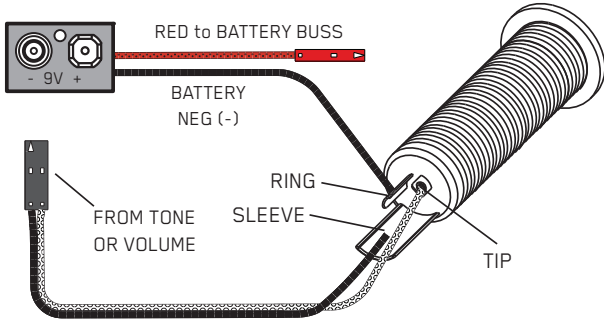


Diagram #8

Soldering to the battery buss:

If your instrument has an older EMG Pickup you can solder the pickup RED wire to the buss. Simply use some needle nose pliers, pull out the V+ header and solder the RED Wire from the pickup(s) to any of the pins and then re-insert the header into the housing.

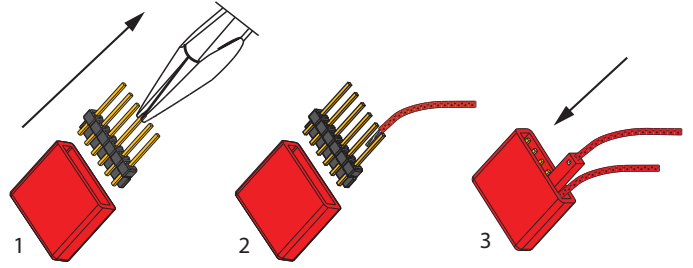


Diagram #9

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.

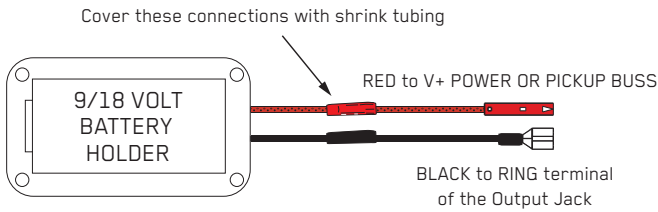
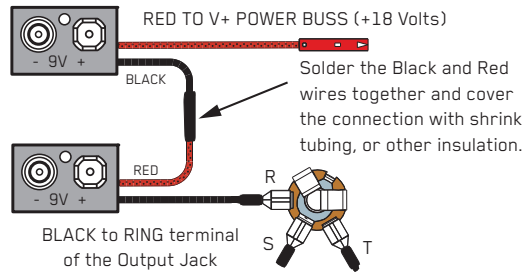


Diagram #10

+18 Volt Wiring Option:

If you want to operate your instrument at +18 Volts for greater headroom and playing dynamics, use 2 batteries wired as shown below. +18 Volts is highly recommended if you are using any type of Active Accessory or EQ in your instrument which boosts the pickup signal (BT, BQ, VMC, EXB, SPC, RPC, etc.)



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.