



Yellow Jacket™

Tube Converter



YJ7591

Handbuilt in the U.S.A.

INSTRUCTION SHEET

- Contains one Yellow Jacket converter model **YJ7591**.
- Converts most audio amplifiers with 7591s to EL84s without modification or rebiasing.
- **Converts from Class AB to Class A operation!**
- Slight power reduction from the 7591.
- Safe for all common amplifiers and transformers.
- One Year Limited Warranty on converters.
- “The next best thing to getting yourself a new amp.”
- Guitar World Magazine
- “Increase amplifier flexibility”
- Guitar Player Magazine

Thank You!

Thank you for buying our Yellow Jacket converter! It will provide you with years of service, assuming that you replace the tubes when they are worn, and will also give you a much greater variety of sounds from your amplifiers than you have ever experienced before.

How to Install Yellow Jackets:

1. With your amplifier cold and turned off, remove the 7591 tube from its socket. (Use a towel to protect your hands if the tubes are hot.)
2. Place the Yellow Jacket converter in the tube socket, screw the ground wire under the tube socket mounting screw (to provide an adequate ground connection), and install an EL84 tube into the Yellow Jacket. Make sure that all pins are properly aligned and do not force anything. It should all go smoothly if the tube pins are properly aligned.
3. Turn the amp on, let it warm up, and play. Your amp is now running in Class A mode with an EL84 output tube.

You do not have to adjust the bias of your amplifier as the Yellow Jackets themselves create their own cathode bias circuit, ignoring the bias setting in your amp. This also means that when you put your old tubes back into the amplifier, your bias will be set just as you left it.

Other Thoughts Regarding Yellow Jackets:

This model of the Yellow Jacket converter, the YJ7591, is a specialized, current-limiting/voltage-conditioning adaptor for use in most amplifiers which use 7591 output tubes. YJ7591 series Yellow Jackets are NOT to be used in amplifiers designed to take tubes other than the 7591. Use in amplifiers designed to take 6V6, 6L6, EL34 or 6550 amplifiers will result in failure of the Yellow Jacket and no output.

If you are not sure if this Yellow Jacket will work in your amp, please feel free to contact us at the factory either by phone or by e-mail. We will be happy to advise you on your individual situation

Amplifiers which vary the bias voltage to create a tremolo effect will not have any tremolo effect when using Yellow Jackets. This includes the Fender's Brown Deluxe Amp (6G3), Princeton, Tremolux (5G9, 6G9), and Vibrolux (5F11, 6G11) to name a few.

If your amp uses 6V6 output tubes, you need the YJ20 Yellow Jacket. If your amp uses 6L6, 6550 or EL34 family tubes, you should use the YJS Yellow Jacket. The correct unit can be obtained from the factory or from your local dealer, or this unit can be exchanged for the one you need. Please contact the factory.

Thank you once again for buying our products. Without customers like you, we would have nothing to do all day.

- All the folks at THD Electronics, Ltd.

THD Electronics, Ltd.

3510 6th Avenue W
Seattle, WA 98119-1513
Phone: 206.781.5500
Fax: 206.781.5508
info@thdelectronics.com
www.thdelectronics.com