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# **Tube Guitar Amplifier - Output Transformers 1750**

Series

#### **REPLACEMENT & UPGRADES**



#### **Features**

- Designed for drop in replacement of original units.
- Physically, parts were designed to look similar to original factory units (where possible).
- Material used & design specs. were kept as close as possible to the original part to preserve the stock "tone".
- Output transformers marked UPGRADE (below) allow for more versatility by added secondary connections that did not exist on the original units.

#### **Gallery**















































| Hammond        | Primary     | Secondary             | Amp             | Power   | Plastic<br>Bobbin<br>or<br>Paper | Amplifier   | Equivalent<br>To               |  |
|----------------|-------------|-----------------------|-----------------|---------|----------------------------------|---|--------------------------------|--|
| Part<br>Number | (Ohms)      | (Ohms)                | Тур             | (Watts) | Wound Coil?                      | Model Names   | Manufacturer<br>Part No.       |  |
| 1750A          | 22800       | 8                     | Single<br>Ended | 3.5     | Bobbin                           | Reverb Driver   | 125A20B &<br>022921            |  |
| 1750B          | 5482        | 8                     | Single<br>Ended | 10      | Paper                            | Reverb Driver - Vibro King  | 24038                          |  |
| 1750C          | 5,000/8,000 | 3.2                   | Single<br>Ended | 5       | Bobbin                           | (Bronco, AA764, AB764, Blackface, Silverface) (Champ, Tweed, 5C1, 5E1, 5F1, AA764, Blackface, Silverface, Vibro Blackface) (Harvard, 6G10) (Princeton Tweed, 5B2, 5C2, 5D2, 5E2, 5F2, 5F2A) | 125A35A &<br>022905            |  |
| 1760C          | 5,000/8,000 | UPGRADE<br>3.2, 8, 16 |                 | 5       | Bobbin                           | (Bronco, AA764, AB764, Blackface, Silverface) (Champ, Tweed, 5C1, 5E1, 5F1, AA764, Blackface, Silverface, Vibro Blackface) (Harvard, 6G10) (Princeton Tweed, 5B2, 5C2, 5D2, 5E2, 5F2, 5F2A) | 125A35A &<br>022905            |  |
| 1750E          | 8,500 C.T.  | 8                     | Push-<br>Pull   | 15      | Bobbin                           | (Harvard 5F10) (Princeton Brown, AA964, Blackface, Silverface)<br>(Princeton Reverb AA1164, AA764, B1270, Blackface,<br>Silverface)   | 125A10B &<br>022913            |  |
| 1760E          | 8,500 C.T.  | UPGRADE<br>4, 8, 16   | Push-<br>Pull   | 15      | Bobbin                           | (Harvard 5F10) (Princeton Brown, AA964, Blackface, Silverface)<br>(Princeton Reverb AA1164, AA764, B1270, Blackface,<br>Silverface)   | 125A10B &<br>022913            |  |
| 1750F          | 6,950 C.T.  | 8                     | Push-<br>Pull   | 15      | Paper                            | Blues Junior  | 49969                          |  |
| 1760F          | 6,950 C.T.  | UPGRADE<br>4, 8, 16   | Push-<br>Pull   | 15      | Paper                            | Blues Junior  | 49969                          |  |
| 1750H          | 6,600 C.T.  | 8                     | Push-<br>Pull   | 20      | Paper                            | Deluxe, Deluxe Reverb   | 125A1A &<br>022640             |  |
| 1760H          | 6,600 C.T.  | UPGRADE<br>4, 8, 16   | Push-<br>Pull   | 20      | Paper                            | Deluxe, Deluxe Reverb   | 125A1A &<br>022640             |  |
| 1750J          | 4,000 C.T.  | 4                     | Push-<br>Pull   | 40      | Bobbin                           | Pro-Reverb, Tremolux, Vibrolux  | 125A6A &<br>022848             |  |
| 1760J          | 4,000 C.T.  | UPGRADE<br>4, 8, 16   | Push-<br>Pull   | 40      | Bobbin                           | Pro-Reverb, Tremolux, Vibrolux  | 125A6A &<br>022848             |  |
| 1750JA         | 4,250 C.T.  | 4, 8                  | Push-<br>Pull   | 40      | Paper                            | Hot Rod Deluxe  | 50438                          |  |
| 1760JB         | 6,000 C.T.  | 2.67, 4, 8            | Push-<br>Pull   | 40      | Bobbin                           | Bandmaster Tweed, Pro Tweed, Super Brownface, Super Tweed   | 045216, 1846,<br>1848          |  |
| 1750K          | 4,000 C.T.  | 2                     | Push-<br>Pull   | 50      | Paper                            | Tweed Bassman, Super Reverb   | 125A9A &<br>022855             |  |
| 1760K          | 4,000 C.T.  | UPGRADE<br>2, 4, 8    | Push-<br>Pull   | 50      | Paper                            | Tweed Bassman, Super Reverb   | 125A9A &<br>022855             |  |
| 1750KA         | 4,150 C.T.  | 2                     | Push-<br>Pull   | 50      | Paper                            | 59 Bassman  | 36485                          |  |
| 1750M          | 4,200 C.T.  | 2, 4, 8               | Push-<br>Pull   | 60      | Paper                            | General Replacement   | 125A13A &<br>022871            |  |
| 1750L          | 4,200 C.T.  | 4                     | Push-<br>Pull   | 60      | Paper                            | Bassman, Hot Rod Deville  | 125A13A &<br>022871            |  |
| 1760L          | 4,200 C.T.  | 4, 8, 16              | Push-<br>Pull   | 60      | Paper                            | Bassman, Hot Rod Deville  | 125A13A &<br>022871,<br>048832 |  |
| 1750W          | 2,000 C.T.  | 4                     | Push-<br>Pull   | 100     | Paper                            | Dual Showman, Twin Reverb, Super Six  | 125A29A &<br>022889            |  |
| 1760W          | 2,000 C.T.  | UPGRADE<br>4, 8, 16   | Push-<br>Pull   | 100     | Paper                            | Dual Showman, Twin Reverb, Super Six  | 125A29A &<br>022889            |  |
| 1750D          | 2,350 C.T.  | 4, 8, 16              | Push-<br>Pull   | 100     | Paper                            | Tone Master   | 26478                          |  |

| Hammond        | Primary   | Secondary | Amp           | Power   | Plastic<br>Bobbin<br>or<br>Paper | Amplifier                                   | Equivalent<br>To         |
|----------------|-----------|-----------|---------------|---------|----------------------------------|---|--------------------------|
| Part<br>Number | (Ohms)    | (Ohms)    | Тур           | (Watts) | Wound<br>Coil?                   | Model Names                                 | Manufacturer<br>Part No. |
| 1750WR         | 2,000 C.T | 4, 8      | Push-<br>Pull | 135     | Paper                            | Bassman 135, Twin Reverb, Vibrosonic Reverb | 13691                    |

#### **Marshall (Output Transformers)**

| Hammond  | Primary         | Secondary   | Amp       | Power   | Plastic Bobbin or | Amplifier          | Equivalent To         |
|----------|-----------------|-------------|-----------|---------|-------------------|--------------------|-----------------------|
| Part No. | (Ohms)          | (Ohms)      | Тур       | (Watts) | Paper Wound Coil? | <b>Model Names</b> | Manufacturer Part No. |
| 1750FA   | 7,000 C.T.      | 8, 16       | Push-Pull | 15      | Bobbin            | DSL15H             | DSL-15 OPT            |
| 1750PA   | 8,400 C.T.      | 4, 8, 16    | Push-Pull | 18      | Paper             | 18 Watt Combo      | -                     |
| 1750NA   | 6,000 C.T.      | 8, 16       | Push-Pull | 30      | Bobbin            | JTM30              | -                     |
| 1750N    | 3,200 C.T.      | 4, 8, 16    | Push-Pull | 50      | Bobbin            | JMP, JCM 800       | -                     |
| 1750P    | 126, 500, 2,000 | 2, 4, 8, 16 | Push-Pull | 50      | Bobbin            | JCM 900            | -                     |
| 1750Q    | 7,371 C.T.      | 4, 8, 16    | Push-Pull | 50      | Bobbin            | JTM 45             | -                     |
| 1750U    | 1,700 C.T.      | 4, 8, 16    | Push-Pull | 100     | Bobbin            | JMP, JCM 800       | -                     |
| 1750X    | 126, 500, 2,000 | 2, 4, 8, 16 | Push-Pull | 100     | Bobbin            | JCM 900            | -                     |

### **VOX (Output Transformers)**

| Hammond     | Primary    | Secondary | Amp       | Power   | Plastic Bobbin or | Amplifier          | Equivalent To         |
|-------------|------------|-----------|-----------|---------|-------------------|--------------------|-----------------------|
| Part Number | (Ohms)     | (Ohms)    | Тур       | (Watts) | Paper Wound Coil? | <b>Model Names</b> | Manufacturer Part No. |
| 1750Y       | 6,200 C.T. | 8         | Push-Pull | 15      | Bobbin            | AC15               | -                     |
| 1750V       | 4,000 C.T. | 8, 16     | Push-Pull | 30      | Paper             | AC30 Vintage       | -                     |
| 1750T       | 4,000 C.T. | 8, 16     | Push-Pull | 30      | Bobbin            | AC30 Reissue       | -                     |

## **Yorkville/Traynor (Output Transformers)**

| Hammond     | Primary     | Secondary | Amp       | Power   | Plastic Bobbin or | Amplifier           | Similar To            |
|-------------|-------------|-----------|-----------|---------|-------------------|---------------------|-----------------------|
| Part Number | (Ohms)      | (Ohms)    | Тур       | (Watts) | Paper Wound Coil? | Model Names         | Manufacturer Part No. |
| 1750Z       | 10,000 C.T. | 8         | Push-Pull | 20      | Paper             | Bass Mate YBA-2     | A1313                 |
| 1750S       | 5,100 C.T.  | 8         | Push-Pull | 25      | Paper             | Base Mate YBA-2B    | A1339                 |
| 1750G       | 3,800 C.T.  | 4, 8, 16  | Push-Pull | 50      | Paper             | General Replacement | A-1312                |
| 1750R       | 2,000 C.T.  | 4, 8, 16  | Push-Pull | 100     | Paper             | General Replacement | -                     |

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