

Tube Guitar Amplifier - Power Transformers *290 Series*

REPLACEMENT & UPGRADES

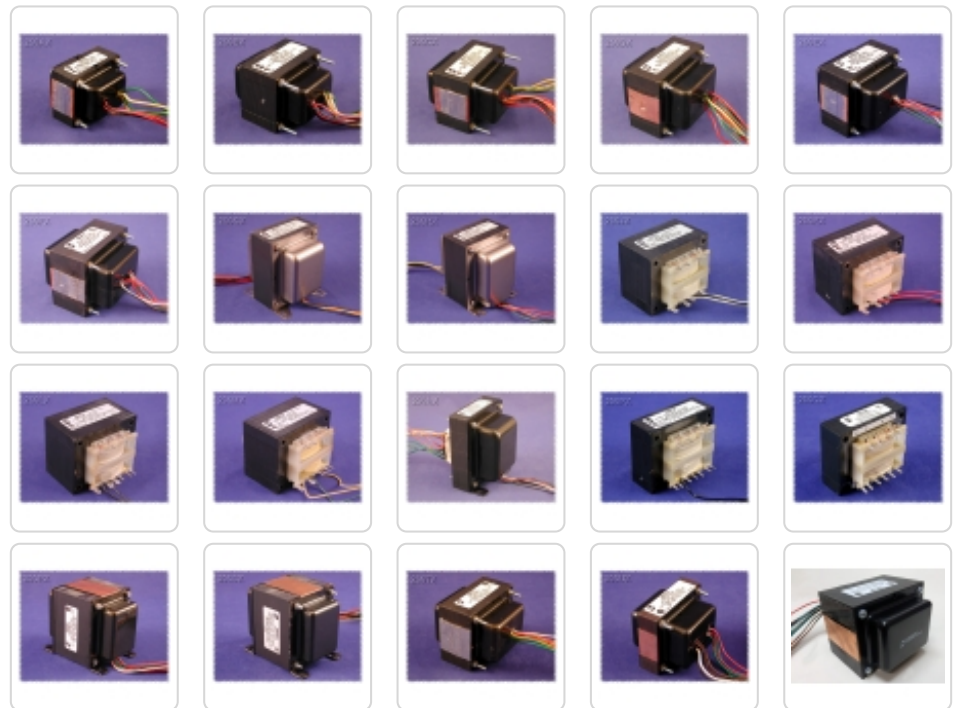


Features

- 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".
- Power transformers marked **UPGRADE** (below) use high grade 29M6 magnetic steel laminations for reduced losses, more surge output power, cooler operation & longer life. They are also rated 120/240V, 50/60 Hz for international usage.



Gallery



Fender (Power Transformers)

Amp Output	Wattage	Part No.	Primary	Fender Model Names	Upgraded	Equivalent To Fender Part No.
5 - 15 Watt	290AX	120 VAC 60 Hz.		(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) (Princeton, Brown, AA964, Blackface, Silverface) (Princeton Reverb, AA1164, AA764, B1270, Blackface, Silverface)		125P1B & 022772

Amp Output	Wattage	Part No.	Primary	Fender Model Names	Upgraded	Equivalent To Fender Part No.
5 - 15 Watt	291AEX	120/240 VAC 50/60Hz.	(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) (Princeton, Brown, AA964, Blackface, Silverface) (Princeton Reverb, AA1164, AA764, B1270, Blackface, Silverface)	Upgraded	Dual input 50/60 Hz	
15 Watt	290XX	120 VAC 60 Hz.	Blues Junior		49967	
15 Watt	290XEX	120/240 VAC 50/60Hz.	Blues Junior	Upgrade	Dual input 50/60 Hz	
15 Watt	290AAX	120 VAC 60 Hz.	Musicmaster Bass		26821	
20 Watt	290BX	120 VAC 60 Hz.	(Deluxe, 5A3, 5B3, 5C3, 6G3, AB763) (Deluxe Reverb, A1172, A1270, AA763, AB763, AB868, Blackface, Silverface, W/Volume Boost) Tweed Tremolux		125P23B, 125P23D & 025130	
20 Watt	290BEX	120/240 VAC 50/60 Hz.	(Deluxe, 5A3, 5B3, 5C3, 6G3, AB763) (Deluxe Reverb, A1172, A1270, AA763, AB763, AB868, Blackface, Silverface, W/Volume Boost) Tweed Tremolux	Upgraded	Dual input 50/60 Hz	
40 Watt	290CX	120 VAC 60 Hz.	(Vibrolux, AB763) (Vibrolux Reverb, AA270, AA964, AB568) (Tremolux, AA763, AB763)		125P26A & 022723	
40 Watt	290CEX	120/240 VAC 50/60 Hz.	(Vibrolux, AB763) (Vibrolux Reverb, AA270, AA964, AB568) (Tremolux, AA763, AB763)	Upgraded	Dual input 50/60 Hz	
40 Watt	290UX	120 VAC 60 Hz.	Hot Rod Deluxe		36958	
40 Watt	290UEX	240 VAC 50Hz.	Hot Rod Deluxe		Dual input 50/60 Hz	
40 - 50 Watt	290DX	120 VAC 60 Hz.	(Bandmaster Tweed, Bandmaster Reverb AA1069, AA270, AA763, Silverface, Blackface, Tweed) (Baseman Combos, Baseman Tweed, Baseman 5F6, 5F6A, Baseman 59) (Pro Tweed, Pro, Pro Blackface, AB763, Pro Reverb AA1069, AA270, AB668, Silverface) (Super Tweed, Super Brownface, 5F4, 6G4, 6G4A, Super Reverb AA270, AA763, AB568, AB763, Blackface, Silverface) (Vibroverb 6G16, AA763, Blackface)		125P5D & 022798	
40 - 50 Watt	290DEX	120/240 VAC 50/60 Hz.	(Bandmaster Tweed, Bandmaster Reverb AA1069, AA270, AA763, Silverface, Blackface, Tweed) (Baseman Combos, Baseman Tweed, Baseman 5F6, 5F6A, Baseman 59) (Pro Tweed, Pro, Pro Blackface, AB763, Pro Reverb AA1069, AA270, AB668, Silverface) (Super Tweed, Super Brownface, 5F4, 6G4, 6G4A, Super Reverb AA270, AA763, AB568, AB763, Blackface, Silverface) (Vibroverb 6G16, AA763, Blackface)	Upgraded	Dual input 50/60 Hz	
40 - 50 Watt	290EX	120 VAC 60 Hz.	(Bandmaster 6G7A, AA763, AB763, AC568, AD1269, Blackface, Blonde, Silverface) (Bassman AA165, AA270, AA864, AB165, Blackface, Silverface) (Concert 6G12A, AA763, Blackface, Brownface)		125P7D & 022814	
40 - 50 Watt	290EEX	120/240 VAC 50/60 Hz.	(Bandmaster 6G7A, AA763, AB763, AC568, AD1269, Blackface, Blonde, Silverface) (Bassman AA165, AA270, AA864, AB165, Blackface, Silverface) (Concert 6G12A, AA763, Blackface, Brownface)	Upgrade	Dual input 50/60 Hz	
50 - 60 Watt	290VX	120 VAC 60 Hz.	(Hot Rod DeVille) (Chorus Ultra) (Deluxe Blues) (Super-Sonic 60 Combo) (93 Super/Concert)		41752	
50 - 60 Watt	290VEX	120/240 VAC 50/60 Hz.	(Hot Rod DeVille) (Chorus Ultra) (Deluxe Blues) (Super-Sonic 60 Combo) (93 Super/Concert)		Dual input 50/60 Hz	
60 Watts	290SX	120 VAC 60 Hz.	Vibro King		26554	
15 / 75 Watt	290YX	120 VAC 60 Hz.	Fender 75		13895	
15 / 75 Watt	290YEX	240 VAC 50Hz.	Fender 75		Dual input 50/60 Hz	

Amp Output	Wattage	Part No. Primary	Fender Model Names	Equivalent To Fender
				Upgraded Part No.
100 Watt	290RX	120 VAC 60 Hz.	Tone Master	26477
100 Watt	290TX	120 VAC 60 Hz.	59 Bassman - Reissue	36483
100 Watt	290FX	120 VAC 60 Hz.	(Vibrosonic Reverb 100) (Baseman 100) (Quad Reverb 100) (Showman AA768, AB763, AC568, Blackface, Dual AB763, AC568, Reverb 100 , Reverb AA270, AA769, Silverface) (Super Six Reverb 100) (Twin Reverb 100, AA270, AA769, AB763, AC568, Blackface, Silverface)	125P34A & 022756
100 Watt	290FEX	240 VAC 50Hz.	(Vibrosonic Reverb 100) (Baseman 100) (Quad Reverb 100) (Showman AA768, AB763, AC568, Blackface, Dual AB763, AC568, Reverb 100 , Reverb AA270, AA769, Silverface) (Super Six Reverb 100) (Twin Reverb 100, AA270, AA769, AB763, AC568, Blackface, Silverface)	Dual input 50/60 Hz
135 Watt	291ZZ	120 VAC 60Hz.	Fender 135 (Twin Reverb, Quad Reverb, Super Six, Vibro)	13692
135 Watt	291ZEZ	120/240 VAC 50/60 Hz.	Fender 135 (Twin Reverb, Quad Reverb, Super Six, Vibro)	Dual input 50/60 Hz
Reverb	290WX	120 VAC 60 Hz.	Stand Alone Reverb - 1963	68319
Reverb	290WEX	240 VAC 50Hz.	Stand Alone Reverb - 1963	Dual input 50/60 Hz

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Marshall (Power Transformers)

Part No.	Primary	Marshall Model Names	Equivalent To Marshall Part No.
290PAZ	120/240 VAC 50/60 Hz.	18 Watt Combo	-
290GX	120/220/240 VAC 50/60 Hz.	JCM 800, JMP - 50 watt	-
290HX	120/220/240 VAC 50/60 Hz.	JCM 800 & JMP - 100 watt	-
290KX	120/240 VAC 50/60 Hz.	JCM 900 - 50 watt	-
290JX	120/240 VAC 50/60 Hz.	JCM 900 - 100 watt	-
290LX	120/240 VAC 50/60 Hz.	JTM 45	-
290QX	120/240 VAC 50/60 Hz.	JTM30	-

VOX (Power Transformers)

Part No.	Primary	VOX Model Names	Equivalent To VOX Part No.
290PX	120/240 VAC 50/60 Hz.	AC15	-
290NX	100/120/220/230/240 VAC 50/60 Hz.	AC30 Vintage	-
290MX	120/240 VAC 50/60 Hz.	AC30 Reissue	-

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Data subject to change without notice

