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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".



Fender (Power Transformers)

Amp Output	Wattage	Part No.	Primary	Fender Model Names (There may be more)	Domestic Export	Similar To Fender Part No.	Bobbin/Paper Wound
5 Watt	290ABX	120/240 VAC 50/60 Hz.	Vibro Champ XD	Both	74596000F	BOBBIN	
5 - 15 Watt	261D6	115/230 VAC 50/60 Hz.	1964 Blackface 6G15 Reverb	Both	125P24A & export	BOBBIN	
5 - 15 Watt	290AX	120 VAC 60 Hz.	Bronco (Blackface, AA764, AB764) Champ (5C1, 5E1, 5F1, Tweed, Blackface, Silverface, AA764) Vibro Champ (Blackface, Silverface, AA764) Princeton (Tweed, Brown, Blackface, Silverface, AA964) Princeton Reverb (AA1164, AA764, B1270, Blackface, Silverface)	Domestic	125P1B, 022772	BOBBIN	
5 - 15 Watt	291AEX	120/220/230/240 VAC 50/60Hz.	Bronco (Blackface, AA764, AB764) Champ (5C1, 5E1, 5F1, Tweed, Blackface, Silverface, AA764) Vibro Champ (Blackface, Silverface, AA764) Princeton (Tweed, Brown, Blackface, Silverface, AA964) Princeton Reverb (AA1164, AA764, B1270, Blackface, Silverface)	Export	125P1B, 022772 but	BOBBIN 50/60 Hz	
15 Watt	290XX	120 VAC 60 Hz.	Blues Junior	Domestic	49967	PAPER	
15 Watt	290XEX	240 VAC 50/60Hz.	Blues Junior	Export	49968	PAPER	
15 Watt	290XXA	120 VAC 60 Hz.	Pro Junior	Domestic	41782	BOBBIN	
15 Watt	290AAX	120 VAC 60 Hz.	Musicmaster Bass	Domestic	26821	BOBBIN	
15 Watt	290ACX	120 VAC 60 Hz.	Super Champ X2	Domestic	91234000	BOBBIN	
15 Watt	291ACX	220/230/240 VAC 50/60 Hz.	Super Champ X2	Export	9160300	BOBBIN	
20 Watt	290BX	120 VAC 60 Hz.	Deluxe (5A3, 5B3, 5C3, 5D3, 6G3, AB763), Deluxe Reverb (A1172, A1270, AA763, AB763, AB868, Blackface, Silverface, with volume boost), Tweed Tremolux (5E9, 5G9)	Domestic	125P23B, 125P23D, 125P33A, 025130, 022749	PAPER	
20 Watt	290BBX	120 VAC 60 Hz.	Deluxe 5E3 Only	Domestic		PAPER	

Amp Output Wattage	Part No.	Primary	Fender Model Names (There may be more)	Similar To		
				Domestic Export	Fender Part No.	Bobbin/Paper Wound
20 Watt	290BBEX	120/220/230/240VAC 50/60 Hz	Deluxe 5E3 Only	Export		PAPER
20 Watt	290BEX	240 VAC 50/60 Hz.	Deluxe (5A3, 5B3, 5C3, 5D3, 6G3, AB763), Deluxe Reverb (A1172, A1270, AA763, AB763, AB868, Blackface, Silverface, with volume boost), Tweed Tremolux (5E9, 5G9	Export		PAPER
22 Watt	290CBZ	120 VAC 60 Hz.	65 Deluxe Reverb Reissue Blackface & 68 Silverface	Domestic	41316	PAPER
40 Watt	290CX	120 VAC 60 Hz.	(Vibrolux (6G16, AB763), Model 30, Vibrolux Reverb (AA270, AA964, AB568), Tremolux (AA763, AB763, 6G9, 6G9-A), 68 Custom Deluxe Reverb	Domestic	125P26A, 125P31A, 022723	BOBBIN
40 Watt	290CEX	240 VAC 50/60 Hz.	(Vibrolux (6G16, AB763), Model 30, Vibrolux Reverb (AA270, AA964, AB568), Tremolux (AA763, AB763, 6G9, 6G9-A), 68 Custom Deluxe Reverb	Export		BOBBIN
40 Watt	290UX	120 VAC 60 Hz.	Hot Rod Deluxe	Domestic	36958	PAPER
40 Watt	290UEX	240 VAC 50/60 Hz.	Hot Rod Deluxe	Export		PAPER
40 Watt	290EZ	120 VAC 60 Hz.	57 Twin Reissue	Domestic	64419000	PAPER
40 Watt	290EEZ	230/240V 50/60 Hz.	57 Twin Reissue	Both	64603000	PAPER
50 Watt	290DX	120 VAC 60 Hz.	Bandmaster Tweed, Bandmaster Reverb (AA1069, AA270, AA763, Silverface), Bassman Ten, Bassman Tweed, Bassman (5F6, 5F6-A), Tweed Pro, Pro (Blackface, AB763), Pro Reverb, (AA1069, AA270, AB668, Silverface), Super Tweed, Super Brownface, Super (5F4, 6G4, 6G4A), Super Reverb (AA270, AA763, AB568, AB763, Blackface, Silverface), Vibroverb (AA763, AB763, Blackface)	Domestic	8087, 125P5D, 125P5DX, 022798, 022806	BOBBIN
50 Watt	290DEX	240 VAC 50/60 Hz.	Bandmaster Tweed, Bandmaster Reverb (AA1069, AA270, AA763, Silverface), Bassman Ten, Bassman Tweed, Bassman (5F6, 5F6-A), Tweed Pro, Pro (Blackface, AB763), Pro Reverb, (AA1069, AA270, AB668, Silverface), Super Tweed, Super Brownface, Super (5F4, 6G4, 6G4A), Super Reverb (AA270, AA763, AB568, AB763, Blackface, Silverface), Vibroverb (AA763, AB763, Blackface)	Export		BOBBIN
50 Watt	290EX	120 VAC 60 Hz.	Bandmaster (6G7A, AA763, AB763, AC568, AD1269, Blackface, Blonde, Silverface) Bassman 50, Bassman (AA165, AA270, AA371, AA864, AB165, AC568, Blackface, Silverface) Concert (6G12, 6G12A, AA763, Blackface, Brownface)	Domestic	125P7D, 125P7DX, 022814, 22822	PAPER
50 Watt	290EEX	240 VAC 50/60 Hz.	Bandmaster (6G7A, AA763, AB763, AC568, AD1269, Blackface, Blonde, Silverface) Bassman 50, Bassman (AA165, AA270, AA371, AA864, AB165, AC568, Blackface, Silverface) Concert (6G12, 6G12A, AA763, Blackface, Brownface)	Export		PAPER
50 - 60 Watt	290VX	120 VAC 60 Hz.	(Hot Rod DeVille) (Chorus Ultra) (Deluxe Blues) (Super-Sonic 60 Combo) (93 Super/Concert)	Domestic	41752	PAPER
50 - 60 Watt	290VEX	240 VAC 50/60 Hz.	(Hot Rod DeVille) (Chorus Ultra) (Deluxe Blues) (Super-Sonic 60 Combo) (93 Super/Concert)	Export		PAPER
60 Watt	290SX	120 VAC 60 Hz.	Vibro King	Domestic	26554	BOBBIN
15 / 70 Watt	290YX	120 VAC 60 Hz.	Bassman 70	Domestic	13895	BOBBIN
15 / 70 Watt	290YEX	240 VAC 50Hz.	Bassman 70	Export		BOBBIN
85 Watt	290EBZ	120 VAC 60 Hz.	65 Twin Reverb Reissue	Domestic	37610	BOBBIN
100 Watt	290RX	120 VAC 60 Hz.	Fender Twin Red Knob (The Twin), Tone Master	Domestic	26477	PAPER
25/100 Watt	290REX	100/120/220/240 VAC 50/60 Hz	Fender Twin Red Knob (The Twin), Tone Master	Export	26554	BOBBIN
100 Watt	290TX	120 VAC 60 Hz.	59 Bassman - Reissue	Domestic	36483	PAPER
100 Watt	290EAX	120 VAC 60 Hz	94 Twin - Reissue	Domestic	47776	BOBBIN
100 Watt	290FX	120 VAC 60 Hz.	(Vibrosonic Reverb 100) Bassman 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)	Domestic	125P34A, 125P34AX, 022756	PAPER

Amp Output Wattage	Part No.	Primary	Fender Model Names (There may be more)	Similar To		
				Domestic Export	Fender Part No.	Bobbin/Paper Wound
100 Watt	290FEX	240 VAC 50/60 Hz.	(Vibrosonic Reverb 100) Bassman 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)	Export		PAPER
135 Watt	291ZZ	120 VAC 60Hz.	Bassman 135 (Twin Reverb, Quad Reverb, Super Six, Vibro)	Domestic	13692	BOBBIN
135 Watt	291ZEZ	120/240 VAC 50/60 Hz.	Bassman 135 (Twin Reverb, Quad Reverb, Super Six, Vibro)	Export		PAPER
Reverb	290WX	120 VAC 60 Hz.	Stand Alone Reverb - 1963	Domestic	68319	BOBBIN
Reverb	290WEX	240 VAC 50Hz.	Stand Alone Reverb - 1963	Export		BOBBIN

Marshall (Power Transformers)

Part No.	Primary	Marshall Model Names	Equivalent To Marshall Part No.	Bobbin/Paper Wound
290MAZ	117/234VAC 50/60 Hz.	Studio 15 "Little Fatty"	294-285/6	BOBBIN
290PAZ	120/240 VAC 50/60 Hz.	18 Watt Combo	-	BOBBIN
290GX	120/220/240 VAC 50/60 Hz.	JCM 800, JMP - 50 watt	-	BOBBIN
290HX	120/220/240 VAC 50/60 Hz.	JCM 800 & JMP - 100 watt	-	PAPER
290KX	120/240 VAC 50/60 Hz.	JCM 900 - 50 watt	-	BOBBIN
290JX	120/240 VAC 50/60 Hz.	JCM 900 - 100 watt	-	BOBBIN
290LEX	100/120/220/230/240 VAC 50/60 Hz.	JMT 45	-	BOBBIN
290LX	120/240 VAC 50/60 Hz.	General	-	BOBBIN
290QX	120/240 VAC 50/60 Hz.	JTM30	-	BOBBIN

VOX (Power Transformers)

Part No.	Primary	VOX Model Names	Equivalent To VOX Part No.	Bobbin/Paper Wound
290PX	120/240 VAC 50/60 Hz.	AC15	-	BOBBIN
290CZ	120 VAC 60 Hz.	AC15C1	-	BOBBIN
290CEZ	120/240 VAC 50/60 Hz.	AC15C1	-	BOBBIN
290NX	100/120/220/230/240 VAC 50/60 Hz.	AC30 Vintage	-	PAPER
290MX	120/240 VAC 50/60 Hz.	AC30 Reissue	-	BOBBIN
290MAX	120/240 VAC 50/60 HZ.	TB35C2 TONY BRUNO	-	BOBBIN

Yorkville/ Traynor (Power Transformers)

Part No.	Primary	Yorkville / Traynor Model Names	Equivalent to Yorkville / Traynor Part No.	Bobbin/Paper Wound
99145¹	115VAC / 60Hz.	Mono Block2 Bass Amp	A1305	-
98965¹	120/240VAC 50/60 Hz.	100 Watt	A1380	-
79465¹	120VAC 60 Hz.	YBA2-B	A1314	PAPER
79691¹	120V 60 Hz	YBA-3	A1315	-

¹ Special order only. Please contact Hammond's sales team for more information.

AMPEG (Power Transformers)

Part No.	Primary	AMPEG Model Names	Equivalent To AMPEG Part No.	Bobbin/Paper Wound
290CAZ	117 VAC 60 Hz.	GEMINI VI 25W	PT 113	BOBBIN
290ETX	120 VAC 60 Hz.	SUPER ECHO TWIN	PT-109	BOBBIN

*DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the Amplifier companies and are just listed here for reference purpose only.

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