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)

Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290EX	BANDMASTER*	67233, 125P7D, 125P7DX, 022814	Blond, 6G7-A, Blackface, AA763, AB763, Silverface, AC568, AD1269	120V	660Vct @ 275 mA	53V Bias	6.4Vct @ 4A			Paper
290EEX	BANDMASTER*		Blond, 6G7-A, Blackface, AA763, AB763, Silverface, AC568, AD1269	120/210/230/240 @ 50/60 Hz	660Vct @ 275 mA	53V Bias	6.3Vct @ 4A			Paper
290D2X	BANDMASTER*		Tweed	120V @ 60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	BANDMASTER*		Tweed	120/210/220/230 /240V @ 50/60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin

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Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290DHX	BANDMASTER DELUXE*	76041000		120V @ 60 Hz	315V @ 250 mA		26V @ 100 mA	6V @ 1A	6.3Vct @ 5A	Bobbin
290D2X	BANDMASTER REVERB*	8087, 125P5D, 125P5DX, 022798, 022806	Blackface, Silverface, AA1069, AA270, AA763,	120V @ 60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	BANDMASTER REVERB*		Blackface, Silverface, AA1069, AA270, AA763,	120/210/220/230 /240V @ 50/60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2X	BASSMAN*	8087, 125P5D, 125P5DX, 022798, 022806	Tweed, 5F6, 5F6A, 10	120V @ 60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	BASSMAN*		Tweed, 5F6, 5F6A, 10	120/210/220/240 V @ 50/60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290EX	BASSMAN*	67233, 125P7D, 125P7DX, 022814	Blackface, AA864, AA165, AB165, Silverface, AA270	120V @ 60 Hz	660Vct @ 275 mA	53V Bias	6.4Vct @ 4A			Paper
290EEX	BASSMAN*		Blackface, AA864, AA165, AB165, Silverface, AA270	120/210/230/240 V @ 50/60 Hz	660Vct @ 275 mA	53V Bias	6.3Vct @ 4A			Paper
290DX	BASSMAN* (Lower Plate Volts)	8087	Tweed, 5F6, 5F6A	120V @ 60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290DEX	BASSMAN* (Lower Plate Volts)		Tweed, 5F6, 5F6A	240V @ 50/60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290DX	BASSMAN* (Lower Plate Volts)	8087	Combos	120V @ 60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290DEX	BASSMAN* (Lower Plate Volts)		Combos	240V @ 50/60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290FX	BASSMAN 100*	125P34A, 022756	Silverface	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	BASSMAN 100*		Silverface	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
291ZZ	BASSMAN 135*	13692	Silverface	120V @ 60 Hz	364Vct @ 1A	53V Bias	6.3Vct @ 7A	6.3Vct @ 7A		Bobbin
291ZEZ	BASSMAN 135	13830	SAME	120/240V @ 50/60 Hz	364Vct @ 1A	53V Bias	6.3Vct @ 7A	6.3Vct @ 7A		Paper
290TX	BASSMAN 59* (REISSUE)	36483	217-1000-010	120V @ 60 Hz	696Vct @ 500 nA	52V Bias	6.5V @ 2A	5V @ 2A		Bobbin
290YX	BASSMAN 70*	13895	Silverface	120V @ 60 Hz	372Vct @ 400 mA	56V Bias	6.3Vct @ 4A			Bobbin
290YEX	BASSMAN 70*		Silverface	240V @ 50/60 Hz	372Vct @ 400 mA	56V Bias	6.3Vct @ 4A			Bobbin
290UX	BLUES DELUXE*	36958		117V @ 60 Hz	308.5V @ 250 mA	39V Bias	6.6V @ 3.75A			Paper
290UEX	BLUES DELUXE*			240V @ 50/60 Hz	308.5V @ 250 mA	39V Bias	6.6V @ 3.75A			Paper
290UX	BLUES DELUXE* (REISSUE)	36958		117V @ 60 Hz	308.5V @ 250 mA	39V Bias	6.6V @ 3.75A			Paper
290UEX	BLUES DELUXE* (REISSUE)			240V @ 50/60 Hz	308.5V @ 250 mA	39V Bias	6.6V @ 3.75A			Paper
290XX	BLUES JR.*	49967		117V @ 60 Hz	260V @ 170 mA		20V @ 100 mA	6.3V @ 3A		Bobbin
290XEX	BLUES JR.*			240V @ 50/60 Hz	260V @ 170 mA		20V @ 100 mA	6.3V @ 3A		Bobbin
290AX	BRONCO*	125P1B, 022772, 66079B	AA764, AB764, Blackface, Silverface	120V, 60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
290AXR	65 Princeton Reverb Reissue*	75165000		120V, 60 Hz	680Vct @ 100 mA		6.3Vct @ 2.25A	5V @ 3A		Bobbin
290AXER	65 Princeton Reverb Reissue*	75165000		240V, 50/60 Hz	680Vct @ 100 mA		6.3Vct @ 2.25A	5V @ 3A		Bobbin
291AEX	BRONCO*		AA764, AB764, Blackface, Silverface	120/220/230/240 V 50/60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin

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Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290AX	CHAMP*	125P1B, 022772, 66079B	5C1, 5E1, 5F1, Tweed, Blackface, Silverface, AA764	120V, 60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
291AEX	CHAMP*		5C1, 5E1, 5F1, Tweed, Blackface, Silverface, AA764	120/220/230/240 V 50/60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
290BAX	CHORUS*	31668		120V @ 60 Hz	60Vct @ 2.85A					Bobbin
290EX	CONCERT*	67233, 125P7D, 125P7DX, 022814	Brownface, 6G12A, Blackface, AA763	120V @ 60 Hz	660Vct @ 275 mA	53V Bias	6.4Vct @ 4A			Paper
290EEX	CONCERT*		Brownface, 6G12A, Blackface, AA763	120/210/230/240 @ 50/60 Hz	660Vct @ 275 mA	53V Bias	6.4Vct @ 4A			Paper
290BX	DELUEX*	125P2A, 125P23B, 022749, 025130	5A3, 5B3, 5C3, 5D3, 6G3, AB763	120V @ 60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Paper
290BXX	-	Vertical version of 290BX		120V @ 60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Paper
290BEX	DELUEX*		5A3, 5B3, 5C3, 5D3, 6G3, AB763	240V @ 50/60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Bobbin
290BBX	DELUEX*	6452	Tweed	120V @ 50/60 Hz	710Vct @ 115 mA	-	6.3Vct @ 1.65A	5V @ 2A		Bobbin
290BBEX	DELUEX*		Tweed	120/220/230/240 @ 50/60 Hz	710Vct @ 115 mA	-	6.3Vct @ 1.65A	5V @ 2A		Bobbin
290CX	DELUXE 65 REVERB* (REISSUE)	041316, 022723, 125P26A	021-7400-000	120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CEX	DELUXE 65 REVERB* (REISSUE)		021-7400-000	240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CX	DELUXE 68 CUSTOM REVERB*	041316, 022723, 125P26A		120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CEX	DELUXE 68 CUSTOM REVERB*			240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290BX	DELUXE REVERB*	125P33A, 022749, 125P23B, 025130	Blackface, Silverface, AA763, AB763, AB868, A1172, A1270, Volume Boost	120V @ 60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Paper
290BEX	DELUXE REVERB*		Blackface, Silverface, AA763, AB763, AB868, A1172, A1270, Volume Boost	240V @ 50/60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Bobbin
290CX	FENDER 30*	041316, 022723, 125P26A		120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CEX	FENDER 30*			240V @ 50/60 Hz	650Vct @ 207mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290HAX	HARVARD*	5F10	Tweed Push Pull	120V @ 60 Hz	550Vct @ 100 mA	50V Bias	6.3Vct @ 2.5A	5V @ 3A		Bobbin
290HAEX	HARVARD*		Tweed Push Pull	120V/210/230V/ 240V @ 50/60 Hz	550Vct @ 100 mA	50V Bias	6.3Vct @ 2.5A	5V @ 3A		Bobbin
290UX	HOT ROD DELUXE*	36958	021-3202-000	117V @ 60 Hz	308.5V @ 250 mA		39V @ 250 mA	6.6V @ 3.75A		Paper
290UEX	HOT ROD DELUXE*		021-3202-000	240V @ 50/60 Hz	308.5V @ 250 mA		39V @ 250 mA	6.6V @ 3.75A		Paper
290VX	HOT ROD DEVILLE*	41752		117V @ 60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290VEX	HOT ROD DEVILLE*			240V @ 50/60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290CX	MODEL 30*	041316, 022723, 125P26A		120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin

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Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290CEX	MODEL 30*			240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290AAX	MUSICMASTER BASE*	026821		120V, 60 Hz	490V @ 90 mA		6.3V @ 1.25A			Bobbin
290BAX	POWER CHORUS*	31668		120V @ 60 Hz	60Vct @ 2.85A					Bobbin
290AX	PRINCETON*	125P1B, 022772, 66079B	Tweed, Brown, Blackface, Silverface, AA964	120V, 60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
291AEX	PRINCETON*		Tweed, Brown, Blackface, Silverface, AA964	120/220/230/240 V 50/60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
290AX	PRINCETON REVERB*	125P1B, 022772, 66079B	AA1164, AA764, B1270, Blackface, Silverface	120V, 60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
291AEX	PRINCETON REVERB*		AA1164, AA764, B1270, Blackface, Silverface	120/220/230/240 V 50/60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
290D2X	PRO*	8087, 125P5D, 125P5DX, 022798, 022806	Tweed, Blackface, AB763	120V @ 60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	PRO*		Tweed, Blackface, AB763	120/210/220/240 V @ 50/60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2X	PRO REVERB*	8087, 125P5D, 125P5DX, 022798, 022806	Silverface, AB668, AA1069, AA270	120V @ 60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	PRO REVERB*		Silverface, AB668, AA1069, AA270	120/210/220/240 V @ 50/60 Hz	710/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290XXA	PRO JR.*	41782		117V @ 60 Hz	260V @ 170 mA		6.3V @ 3A			Bobbin
290XXB	PRO JR.*			117V @ 60 Hz	260V @ 170 mA		6.3Vct @ 3A			Bobbin
290FX	QUAD WITH REVERB*	125P34A, 022756		120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	QUAD WITH REVERB*			240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FX	SHOWMAN*	125P34A, 022756	Silverface, Blackface, AB763, AC568, AA763	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	SHOWMAN*		Silverface, Blackface, AB763, AC568, AA763	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FX	SHOWMAN REVERB*	125P34A, 022756	AA768	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	SHOWMAN REVERB*		AA768	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FX	SHOWMAN DUAL*	125P34A, 022756	AB763, AC568	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	SHOWMAN DUAL*		AB763, AC568	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FX	SHOWMAN DUAL REVERB*	125P34A, 022756	100, AA769	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	SHOWMAN DUAL REVERB*		100, AA769	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290S2Z	SUNN 2000*	3-12 PT		117V @ 60 Hz	780Vct @ 400 mA	55V Bias	6.3Vct @ 8A	5V @ 4A		Bobbin
290D2X	SUPER*	8087, 125P5D, 125P5DX, 022798, 022806	Tweed	120V @ 60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	SUPER*		Tweed	120/210/220/230 /240V @ 50/60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290DX	SUPER* (lower plate voltage)	8087	Tweed, 5F4, Brownface, 6G4, 6G4-A	120V @ 60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290DEX	SUPER* (lower plate voltage)		Tweed, 5F4, Brownface, 6G4, 6G4-A	240V @ 50/60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin

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Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290ACX	SUPER CHAMP X2*	91234000		120V @ 60 Hz	300V @ 100 mA	34Vct @ 100 mA	9V @ 1.5A	6.6V @ 1.5A		Bobbin
291ACX	SUPER CHAMP X2*	13830		120/240V @ 50/60 Hz	300V @ 100 mA	34Vct @ 100 mA	9V @ 1.5A	6.6V @ 1.5A		Bobbin
290D2X	SUPER REVERB*	8087, 125P5D, 125P5DX, 022798, 022806	Brownface, Blackface, AA763, AB763, Silverface, AB568, AA270	120V @ 60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290D2EX	SUPER REVERB*		Brownface, Blackface, AA763, AB763, Silverface, AB568, AA270	120/210/220/230 /240V @ 50/60 Hz	710Vct/610Vct @ 300 mA	50V Bias	6.3Vct @ 5A	5V @ 3A		Bobbin
290FX	SUPER SIX REVERB 100*	125P34A, 022756		120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	SUPER SIX REVERB 100*			240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
291ZZ	SUPER SIX REVERB 135*	13830		120V @ 60 Hz	364Vct @ 1A	53V @ 1A	6.3Vct @ 7A			Bobbin
290VX	SUPER SONIC 60 COMBO*	41752	021-3201-000	117V @ 60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290VEX	SUPER SONIC 60 COMBO*		021-3201-000	240V @ 50/60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290SX	TONEMASTER*	26554		120/230/240V @ 50/60 Hz	337Vct @ 1.1A		54V @ 250 mA	6.4V @ 3A		Bobbin
290CX	TREMOLUX*	041316, 022723, 125P26A	AA763, AB763	120V @ 60 Hz	650Vct @ 207mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CEX	TREMOLUX*		AA763, AB763	240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290BX	TREMOLUX* TWEED	041316, 022723, 125P26A	5E9, 5E9-A, 5G9	120V @ 60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Paper
290BEX	TREMOLUX* TWEED		5E9, 5E9-A, 5G9	240V @ 50/60 Hz	660Vct @ 138 mA	50V Bias	6.3V @ 3A	5V @ 3A		Bobbin
290RX	TWIN RED KNOB*	26477		120V @ 60 Hz	337Vct @ 1.1A		54V @ 250 mA	6.4V @ 3A		Paper
290REX	TWIN RED KNOB*			100/120/220/240 V @ 50/60 Hz	337Vct @ 1.1A		54V @ 250 mA	6.4V @ 3A		Bobbin
290FX	TWIN REVERB*	125P34A, 022756	AA769, AA270, Silverface, AB763, Blackface, 100	120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	TWIN REVERB*		AA769, AA270, Silverface, AB763, Blackface, 100	240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290EBZ	65 TWIN REVERB REISSUE*	37610		120V @ 60 Hz	340V @ 500 mA	50V @ 100 mA	6.3V @ 6A			Bobbin
290EEBZ	65 TWIN REVERB REISSUE*			120/210/220/230 /240V @ 50/60 Hz	340V @ 500 mA	50V @ 100 mA	6.3V @ 6A			Bobbin
290BAX	ULTIMATE CHORUS*	31668		120V @ 60 Hz	60Vct @ 2.85A					Bobbin
290BAX	ULTIMATE CHORUS*	31668		120V @ 60 Hz	60Vct @ 2.85A					Bobbin
290BAX	ULTRA CHORUS*	31668		120V @ 60 Hz	60Vct @ 2.85A					Bobbin
290AX	VIBRO CHAMP*	125P1B, 022772, 66079B	AA764, Blackface, Silverface	120V, 60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
291AEX	VIBRO CHAMP*		AA764, Blackface, Silverface	120/220/230/240 V 50/60 Hz	650/550Vct @ 100 mA		6.3Vct @ 2.25A	5V @3A		Bobbin
290ABX	VIBRO CHAMP XD*	74596000F		120/240V, 50/60 Hz	293.5V @ 100 mA	34Vct @ 95 mA	9V @ 1.25A	6.3V @ 5A		Bobbin
290SX	VIBRO KING*	26554		120/230/240V @ 50/60 Hz	337Vct @ 1.1A		54V @ 250 mA	6.4V @ 3A		Bobbin
290ABX	VIBRO CHAMP XD*	74596000F		120/240V, 50/60 Hz	293.5V @ 100 mA	34Vct @ 95 mA	9V @ 1.25A	6.3V @ 5A		Bobbin
290SX	VIBRO KING*	26554		120/230/240V @ 50/60 Hz	337Vct @ 1.1A		54V @ 250 mA	6.4V @ 3A		Bobbin
290CX	VIBROLUX*	041316, 022723, 125P26A	AB763	120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin

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Hammond P/N	Amp Model	Similar Amp P/N's*	Chassis No.*	Primary Volts	Secondary 1	Secondary 2	Secondary 3	Secondary 4	Secondary 5	Winding
290CEX	VIBROLUX*		AB763	240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290CX	VIBROLUX REVERB*	041316, 022723, 125P26A	AA964, AB568, AA270	120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
291MZ	VIBROLUX TWEED		5F11	100/120/220/230 /240V@ 50/60 Hz	700/650Vct @ 75 mA	50V Bias	6.3V @ 3A	5V @ 2A		Bobbin
290CEX	VIBROLUX REVERB*		AA964, AB568, AA270	240V @ 50/60 Hz	650Vct @ 180 mA	50V Bias	6.3V @ 4.5A	5V @ 3A		Bobbin
290FX	VIBROSONIC*	125P34A, 022756		120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290FEX	VIBROSONIC*			240V @ 50/60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290EZ	57 TWIN REISSUE*	64419000		120V @ 60 Hz	640Vct @250 mA	50V Bias	6.3V @ 4A	5V @ 4A		Paper
290EEZ	57 TWIN REISSUE*			240V @ 50/60 Hz	660Vct @250 mA	50V Bias	6.3V @ 4A	5V @ 4A		Paper
290DX	59 BASSMAN*	8087		120V @ 60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290DEX	59 BASSMAN*			240V @ 50/60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
290WX	63 REVERB*	68319A	6G15	120V @ 60 Hz	237V @ 50 mA		6.6V @ 1.05A			Bobbin
290WEX	63 REVERB*		6G15	240V @ 50/60 Hz	237V @ 50 mA		6.6V @ 1.05A			Bobbin
290UX	63 VIBROVERB REISSUE*			117V @ 60 Hz	308.5V @ 250 mA		39V @ 250 mA	6.6V @ 3.75A		Paper
290UEX	63 VIBROVERB REISSUE*			240V @ 50/60 Hz	308.5V @ 250 mA		39V @ 250 mA	6.6V @ 3.75A		Paper
290EBZ	65 TWIN REVERB REISSUE* (end bell one side only)			120V @ 60 Hz	340V @ 500 mA		50V @ 100 mA	6.3V @ 6A		Bobbin
290VX	93 SUPER CONCERT*			117V @ 60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290VEX	93 SUPER CONCERT*			240V @ 50/60 Hz	342V @ 500 mA		52Vct @ 250 mA	6.3V @ 3.75A		Paper
290EAZ	94 TWIN REISSUE*	41776		120V @ 60 Hz	365Vct @ 850 mA		27.5V @ 100 mA	6.3V @ 4A		Bobbin
290EEAZ	94 TWIN REISSUE*			120/210/220/230 /240V @ 50/60 Hz	365Vct @ 850 mA		27.5V @ 100 mA	6.3V @ 4A		Bobbin
290HBZ	GENERIC			120V @ 60 Hz	620V @ 150 mA	50V Bias	6.3Vct @ 2.25A	5V @ 4A		Bobbin
290LEX	GENERIC			100/120/220/230 /240V @ 50/60 Hz	690vCT @ 200 mA		6.3Vct @ 5A	5V @ 3A		Bobbin
291AX	GENERIC			120V @ 60 Hz	650Vct @ 81 mA		6.3Vct @ 2A	5V @ 3A		Bobbin
291CX	GENERIC			120V @ 60 Hz	650Vct @ 207 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
291CEX	GENERIC			240V @ 50/60 Hz	650Vct @ 207 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
291DX	GENERIC			120V @ 60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
291DEX	GENERIC			240V @ 50/60 Hz	650Vct @ 230 mA	50V Bias	6.3Vct @ 4A	5V @ 3A		Bobbin
291EEX	GENERIC			240V @ 50/60 Hz	660Vct @ 276 mA	53V Bias	6.5V @ 3.15A			Paper
291FX	GENERIC			120V @ 60 Hz	640Vct @ 518 mA	60V Bias	6.5V @ 5.5A			Paper
290CAX	GENERIC			120/240V @ 50/60 Hz	630/550Vct @ 115 mA		6.3V @ 2A	5V @ 2A		Bobbin
290CBZ	GENERIC			120V @ 60 Hz	650Vct @ 120 mA		6.3V @ 2A	5V @ 3A		Paper
290DAX	GENERIC			120/240V @ 50/60 Hz	710/610Vct @ 230 mA		6.3Vct @ 5A	5V @ 3A		Paper
290FEXA	GENERIC			120/220/230/240 @50/60 Hz	690/640Vct @ 450 mA	60V Bias	6.3Vct @ 5.5 A			Bobbin
290TZ	GENERIC			120/240V @ 50/60 Hz	380Vct @ 750 mA	60V Bias	6.3V @ 500 mA	6.3V @ 7A		

Marshall (Power Transformers)

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Part No.	Amp Model	Similar Amp P/N's*	Primary	Secondary 1	Secondary 2	Secondary 3	Winding
290MAZ	Studio 15 "Little Fatty"	294-285/6	117/234VAC 50/60 Hz.	600Vct @ 100 mA	6.3Vct @ 2A		BOBBIN
290PAZ	18 Watt Combo*	-	120/240 VAC 50/60 Hz.	580Vct @ 140 mA	6.3Vct @ 3A	6.3/5V @ 2A	BOBBIN
290JDX	DSL-401*	Dagnall TXMA-00080	117/234 VAC 50/60 Hz.	307V @ 215 mA	6.7V @ 3.5A	25V @75 mA	BOBBIN
290GX	JCM 800*, JMP - 50* Watt	-	120/220/240 VAC 50/60 Hz.	690Vct @ 200 mA	6.3Vct @ 5A		BOBBIN
290GZ	Same as 290GX except Z mount	-	120/220/240 VAC 50/60 Hz.	690Vct @ 200 mA	6.3Vct @ 5A		BOBBIN
290HX	JCM 800* & JMP-100* Watt	-	120/220/240 VAC 50/60 Hz.	350Vct @ 420 mA	6.3Vct @ 7A	50 mA Bias	PAPER
290HZ	**Same as 290HX except Z mount**		120/220/240 VAC 50/60 Hz.	350Vct @ 420 mA	6.3Vct @ 7A	50 mA Bias	PAPER
290KX	JCM 900* - 50 Watt	-	120/240 VAC 50/60 Hz.	332V @ 300 mA	6.6Vct @ 4A	41Vct @ 100 mA	BOBBIN
290JX	JCM 900, JCM2000 -100* Watt	-	120/240 VAC 50/60 Hz.	360V @ 450 mA	6.3vct @ 7A	43Vct @ 250 mA	BOBBIN
290MAEX	JTM 45-50*	-	100/120/220/230/240 VAC 50/60 Hz.	690/625Vct @ 150 mA	6.3Vct @ 5A	5V @ 3A	BOBBIN
290LX	Bluesbreaker Reissue	-	120/240 VAC 50/60 Hz.	600Vct @ 230 mA	6.3Vct @ 4A	5V @ 2A	BOBBIN
290QX	JTM30*	-	120/240 VAC 50/60 Hz.	325V @ 270 mA	6.3V @ 3.1A	25V @ 233 mA	BOBBIN
290CG	TSL100	-	120/240 VAC 50/60 Hz.	338V @ 450 mA	6.3Vct @ 7A	43Vct @ 150 mA	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 60's Vintage Vertical	-	PAPER
290MX	120/240 VAC 50/60 Hz.	AC30 60's Vintage Flat	NOTE: No coer end bell provided	BOBBIN
290MAX	120/240 VAC 50/60 HZ.	TB35C2 TONY BRUNO	-	BOBBIN

Yorkville/ Traynor (Power Transformers)

Part No.	Old Part No.	Traynor Amp	Yorkville / Traynor Part No.	Primary	Secondary 1	Secondary 2	Secondary 3	Winding
291TC	79632	Mono Block 2 Bass Amp		115VAC / 60Hz.	76.5Vct @ 4.3A			Bobbin
290TRA	98965	100 Watt Bass	A-1380	120VAC 60 Hz.	320V @ 600 mA	60V @ 50 mA	6.3Vct @ 9A	Bobbin
290TRB	79465	YBA2-B	A-1314	120VAC 60 Hz.	620Vct @ 115 mA	6.3Vct @ 3A		Paper
291YX	79691	YBA-3	A-1315	120V 60 Hz	800Vct @ 530 mA	6.3Vct @ 6A		Bobbin
291JX	81384	BaseMaster YBA-1	A-1310	120V 60 Hz	320V @ 500 mA	60V @ 20 mA	6.65Vct @ 2.5A	Paper
291JEX	---	BaseMaster YBA-1	A-1310	120/240V 50/60 Hz	320V @ 500 mA	60V @ 20 mA	6.65Vct @ 2.5A	Paper

[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

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Tags: **classic**, **transformer**, **amp**, **amplifier**, **fender**, **marshall**, **vox**, **traynor**, **yorkville**, **guitar**, **music**, **drop-in**, **replacement**

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