



Your new *Fender*
custom-engineered Amplifier

Operators Guide

There is a wealth of entertainment, pleasure and satisfaction in knowing you have purchased one of the world's finest amplifiers.

Fender Amps are designed to give the ultimate in the faithful reproduction of any sound, whether it is used with guitar, electric bass, steel guitar, accordion, piano or any other associated instrument. It is also an excellent public address system or hi-fi record reproducer.

With proper knowledge of your new amplifier's many capabilities and superior qualities, you will be provided with continuous trouble-free service over a long period of time. Given proper care and intelligent use this outstanding piece of equipment will give you many hours of personal satisfaction.

Fender Amplifiers employ only the finest component parts, from specially designed transformers and speakers to the customized "Tolex" vinyl covering. Endless effort and thousands of engineering hours have been invested to provide the latest in circuitry as well as the best in styling and construction. The most recent manufacturing techniques assure you of a high safety factor ruggedized electrical system and of unquestionable mechanical stability.

These are the qualities that keep Fender Amps operating under the most adverse conditions, through thousands of hours of use and countless miles of travel. It's no wonder that top musicians everywhere refuse to take a chance on a substitute . . . Fender costs no more yet lasts and lasts . . . never quits. In addition, each amplifier is backed by the Fender Company with a guarantee of complete customer satisfaction.

Reverb Control

Tremolo Controls (speed and intensity)

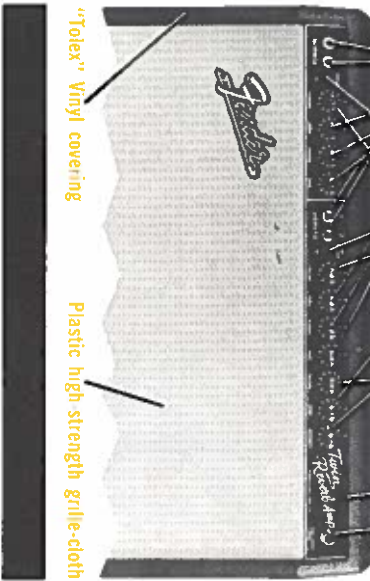
Jeweled pilot light

Tone Controls

Molded, high-strength handle

Instrument Inputs - Volume Controls

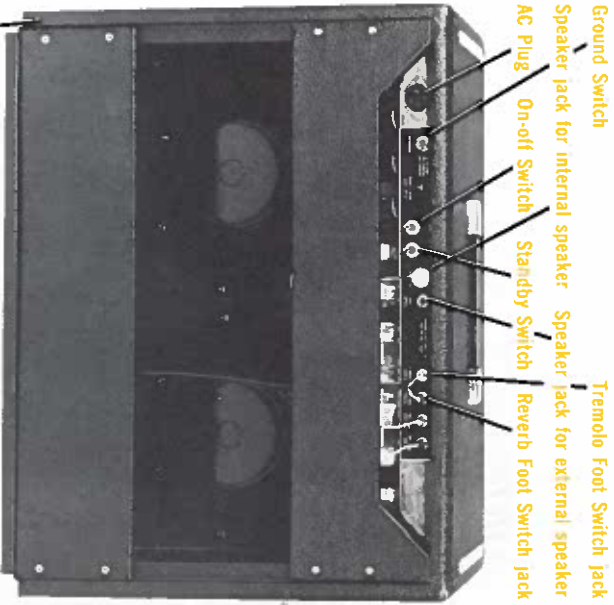
Etched enamel-filled panel



"Tolex" Vinyl covering

Plastic high strength grille-cloth

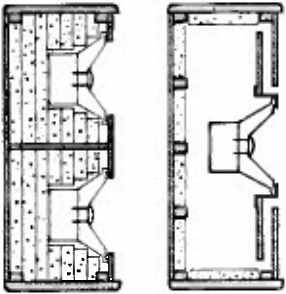
Chung Amp	Single Channel	Volume	1 in 6	Reverb Controls
Vibe Chung Amp	Single Channel	Volume	1 in 6	Reverb Controls
Pre-amp Amp	Single Channel	Volume	1 in 6	Reverb Controls
Pre-amp/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Power Amp	Single Channel	Volume	1 in 6	Reverb Controls
Power/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Tweed/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Super/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Two/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Two/Reverb Amp	Single Channel	Volume	1 in 6	Reverb Controls
Hendrix Amp	Dual Channel	Volume	1 in 6	Reverb Controls
Leadmaster Amp	Dual Channel	Volume	1 in 6	Reverb Controls
Shoreline Amp	Dual Channel	Volume	1 in 6	Reverb Controls
Shoreline 12 Amp	Dual Channel	Volume	1 in 6	Reverb Controls
Pro/Reverb Amp	Dual Channel	Volume	1 in 6	Reverb Controls
Dual Channel	Volume	1 in 6	Reverb Controls	



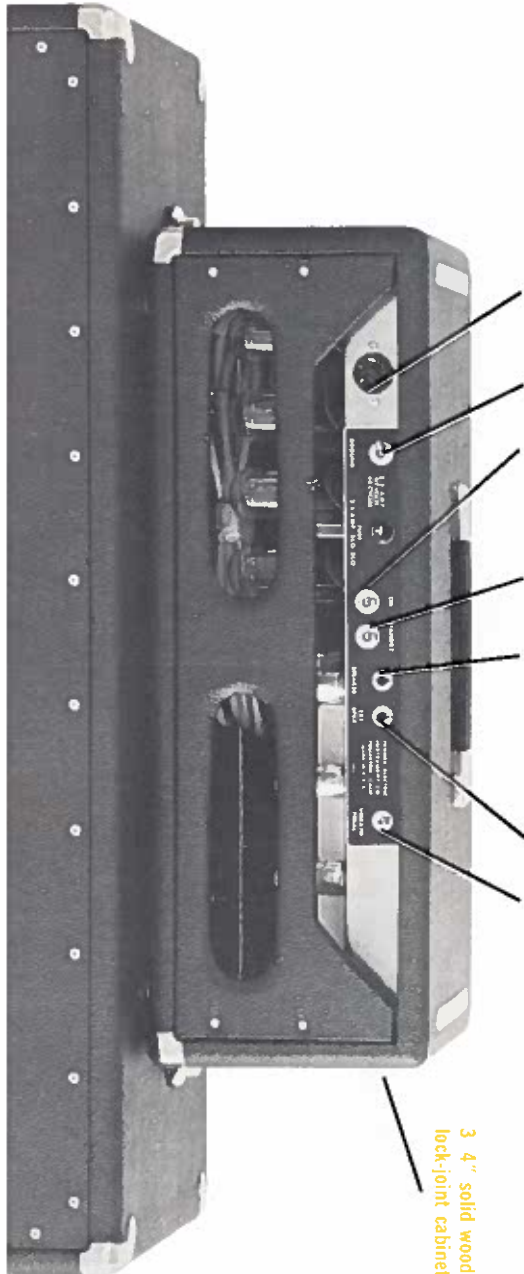
3 4 solid wood lock-joint cabinet
Special steel and rubber shock absorber feet

All models UL and CSA approved.

Piggy-Back Amplifiers

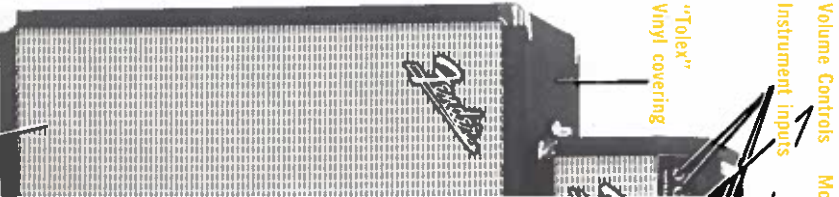


Fender Speaker Enclosures offer the finest in amplified sound reproduction. The Speaker Projection Ring or dual baffles employed eliminate cancellation of front and rear radiation, thus permitting greater speaker efficiency and optimum performance of the enclosures.



- Ground Switch
- AC Plug
- On-off Switch
- Standby Switch
- Speaker jack for internal speaker
- Speaker jack for external speaker
- Tremolo Foot Switch jack

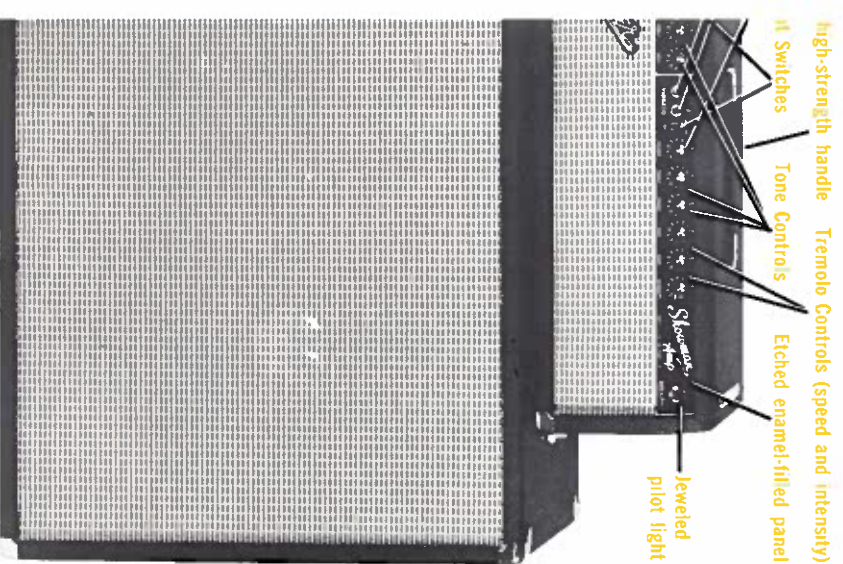
3/4" solid wood lock-joint cabinet



- Volume Controls
- Instrument inputs
- "Tolex" Vinyl covering

Plastic high-strength

Controls



INPUTS:

VOLUME CONTROL: Provides volume settings from zero to full power output.

TREBLE CONTROL: Is augmented by the Bright Switches and provides extreme widths of treble reproduction for tailoring high frequencies to the needs of the performer.

BASS CONTROL: This control provides bass boost or attenuation allowing the player to select his own requirements as to bass response.

TREMOLO SPEED CONTROL: Regulates the rapidity of the tremolo effect and is variable from zero to extremely fast settings.

TREMOLO INTENSITY CONTROL: Regulates the variation in the tremolo signal and can be set to any degree to meet the player's requirements.

PILOT LIGHT: Indicates when amplifier is turned on.

REVERB CONTROL: Regulates amount of reverberation.

GROUND SWITCH: Change position of this switch to eliminate line noise or hum resulting from an improperly polarized AC line.

EXTRACTOR FUSE: Fuse is easily accessible for replacement from the back panel.

ON-OFF SWITCH: Turns the amplifier on and off.

STANDBY SWITCH: Allows the filaments of the amplifier to remain heated during standby periods. Amplification is instantly available without additional warm-up time — no danger of unwanted sounds during quiet periods.

SPEAKER JACK: Connects internal speaker to amplifier.

EXTENSION SPEAKER JACK: Located on the back panel next to the speaker jack. Provides instant connection to a second permanent magnet speaker such as the Fender 12", 15" or "PIBBY BACK" Extension Speakers.

BRIGHT SWITCH: Provides brilliancy to all notes but especially to the higher frequency notes.

Special steel and rubber shock absorber feet

10th

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Note: Refer to individual amplifier write-ups and specifications for technical characteristics of each Fender Amplifier model.

Using your Fender Amplifier as a Record Player or FM-AM Reproducer

Your Fender Amplifier is a superb reproducer for either your record player or radio tuner. Due to the extreme sensitivity of the input circuit of the amplifier it may be necessary to add a volume control in the line from the tuner or record player in order to prevent the overloading of the input stage of the amplifier. This overloading could cause distortion. Any capable radio or sound technician can accomplish this modification for a very nominal charge. Be certain, however, that the amplifier itself is not modified.

Using your Fender Amplifier as a Public Address System

Your Fender Amplifier makes an excellent Public Address System when used in combination with a good microphone and when proper audio techniques are employed.

The use of a high-quality microphone cannot be overemphasized, preferably a dynamic, uni-directional type. This type of microphone aids materially in reducing acoustic feedback. Acoustic feedback is the troublesome howl or roar that

occurs when the loudspeaker feeds sound back into the microphone where it is again fed to the amplifier and re-amplified until the sound builds to an earsplitting howl. In order to overcome this condition, several suggestions are offered:

1. Use a high-quality uni-directional microphone. This microphone must be high impedance and preferably of a dynamic type.
2. Keep the microphone as far from the loudspeaker as possible and always have the speaker cabinet forward and to the side of the microphone position.
3. Acoustic conditions vary in each room or building and experimentation with speaker and microphone placement will assure optimum results.
4. Tone control settings are most important when using an amplifier as a public address system; careful checking of various tone settings will often improve coverage and increase the intelligibility factor.

Fender Musical Instruments is eager to be helpful in any instance where additional information is needed.

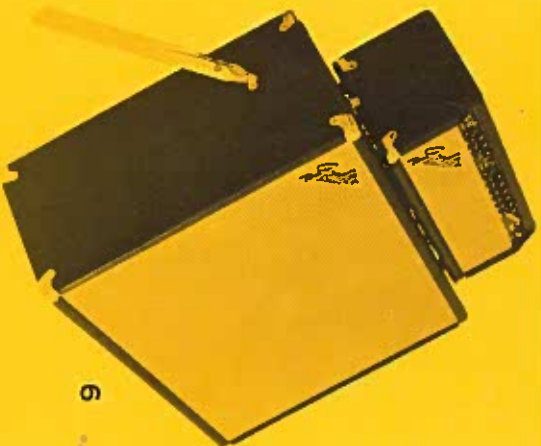
Operating and Malfunction Tips

1. Turn on "on-off" switch first. Turn on "standby" switch only when amplifier is to be used.
2. Check position of "ground switch" to eliminate line noise, hum and popping noise caused by touching metal parts.
3. Set Volume Control to desired level. To prevent possible speaker damage always turn volume off when plugging instrument into input jack.
4. Set Tone Controls for desired amount of Bass and Treble.
5. When using Vibrato, both Speed and Intensity Controls must be turned on and remote foot switch must be on. If no foot switch is used, Vibrato may be turned off by rotating Intensity Control full counterclockwise to position "1".
6. All Piggy-Back models, the Twin/Reverb and the Vibroverb are equipped with Tilt-Back Legs. Simply pull chrome legs to the rear until they reach stops. Legs are now in a position to tilt your amplifier back for greater sound coverage.
7. When using your Piggy-Back Amp in the "piggy back" manner, unscrew the mounting knobs on the speaker unit approximately $\frac{3}{4}$ of an inch. Then slide the two metal plates on the underside of the chassis to the most extended position. Slip the inset portion of the metal plates under the mounting knobs. Be certain to tighten the mounting knobs securely to prevent rattle.

Amplifier malfunction is caused over 80 per cent of the time by defective tubes. Some of the following problems arise from improper tube function: loud hissing noise, vibrato failure, popping noises, distortion of tone and general amplifier failure.

Rather than sustain a heavy charge from a repair shop or delay the use of your amplifier by returning it to our factory, two tips are offered in hopes that you may correct any difficulty that might arise and at the same time save an expensive repair bill.

1. If any hissing, popping noise or distortion is in evidence, tap each tube with your finger. A defective tube will often cause noise or a sharp microphonic sound when tapped briskly.
2. In the event of the complete amplifier failure, remove the tubes, then test them on a regulation tube tester.
3. Be certain the loudspeaker of the amplifier is plugged into the proper jack and not into the extension speaker jack.
4. The extension speaker jack will not operate unless a speaker is plugged into the regular speaker jack.
5. Operating the amplifier without the loudspeaker plugged in can cause serious amplifier damage. Your amplifier normally is capable of generating considerably more audio power than can safely be applied to its loudspeaker. This added power is available to allow the operation of additional speakers. (Application of too much power to any speaker system can eventually cause speaker failure.)



WARRANTY Fender Musical Instruments warrants the parts in any Fender Amplifier to be free from defects in workmanship and material arising from normal usage. Its obligation under this warranty is limited to replacing any such parts of the amplifier which, after regular installation and under normal usage and service, shall be returned within ninety (90) days from the date of original purchase of the amplifier to the authorized dealer from whom the purchase was made and which shall be found to have been thus defective in accordance with the policies established by Fender Musical Instruments.

The obligation of Fender Musical Instruments is limited to making replacement parts available to the purchaser, and does not include either the making or furnishing of any labor in connection with the installation of such replacement parts nor does it include responsibility for any transportation expense.

Fender Musical Instruments assumes no liability and shall not be liable in any respect for failure to perform or delay in performing its obligations with respect to the above warranty if such failure or delay results, directly or indirectly, from any preference, priority or allocation order issued by the Government, or because of any other act of the Government, or by war, conditions of war, inadequate transportation facilities, conditions of weather, acts of God, strikes, lockouts, Governmental controls, or Fender's reasonable requirements for manufacturing purposes, or any cause beyond its control or occurring without its fault, whether the same kind or not.

CONDITIONS AND EXCLUSIONS This warranty is expressly in lieu of all other agreements and warranties, expressed or implied, and Fender Musical Instruments does not authorize any person to assume for it the obligations contained in this warranty and neither assumes nor authorizes any representative or other person to assume for it any other liability in connection with such amplifier or parts thereof.

The warranty herein extends only to the original consumer purchaser and is not assignable or transferable and shall not apply to any amplifier or parts thereof which have been repaired or replaced by anyone else than an authorized Fender dealer's service contractor, or which have been subject to alteration, misuse, negligence or accident, or to the parts of any amplifier which have had the serial number or name altered, defaced or removed. This guarantee specifically excludes tubes with broken glass envelopes and loud speakers with torn or ruptured paper diaphragms.

FENDER MUSICAL INSTRUMENTS

COLUMBIA RECORDS

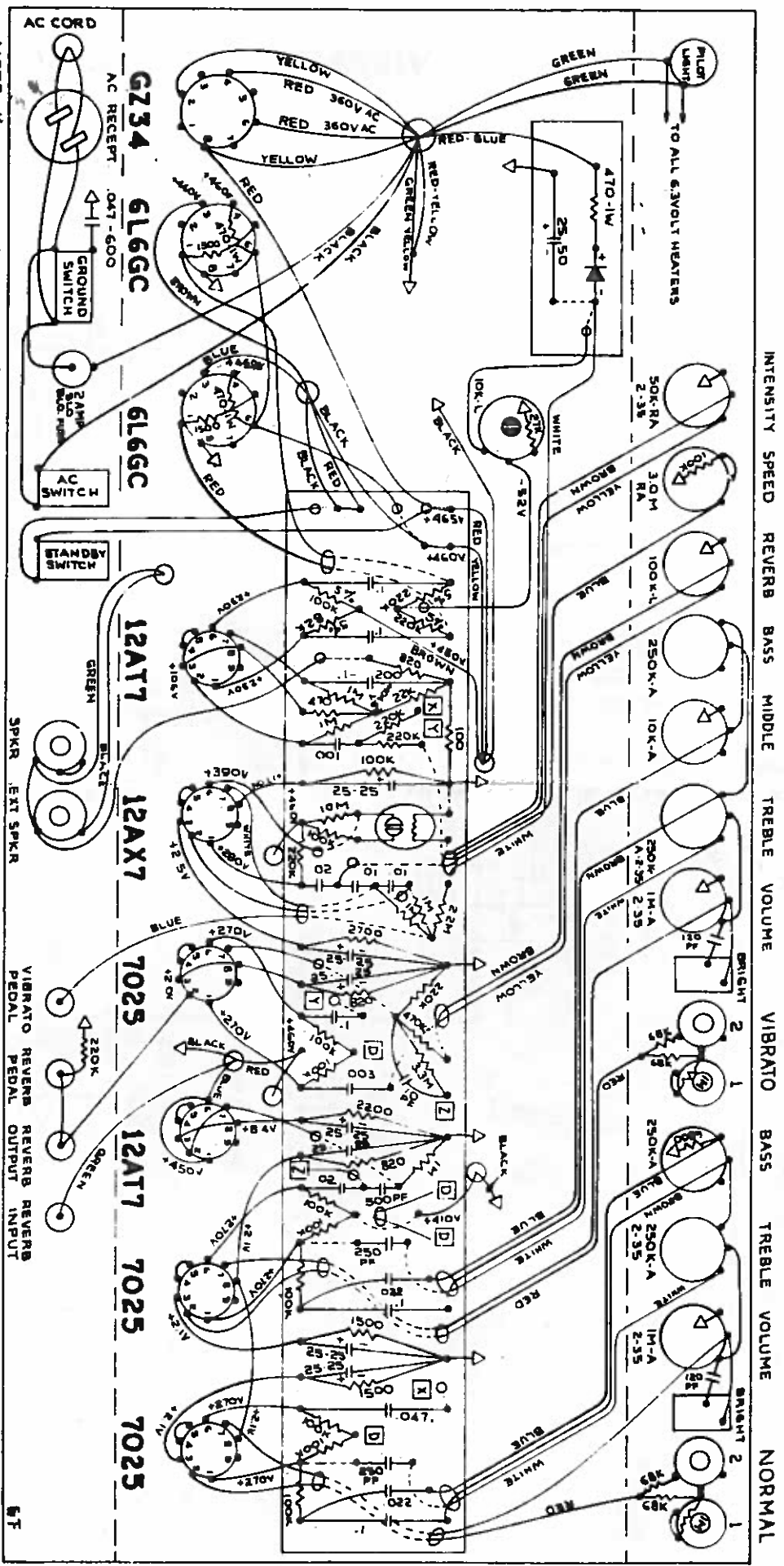
A Division of Columbia Broadcasting System Inc.

FENDER "SUPER REVERB-AMP AB763" LAYOUT

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NOTICE

VOLTAGES READ TO GROUND WITH ELECTRONIC VOLT-METER VALUES SHOWN + OR - 20%.



NOTE: ALL RESISTORS 1/2 WATT 10% TOLERANCE, IF NOT SPECIFIED.

NOTE: ALL CAPACITORS AT LEAST 400 VOLT RATING IF NOT SPECIFIED.

FENDER MUSICAL INSTRUMENTS
 a division of Columbia Records Distribution Corp.
 FULLERTON, CALIF.
 U. S. A.

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME NORMAL

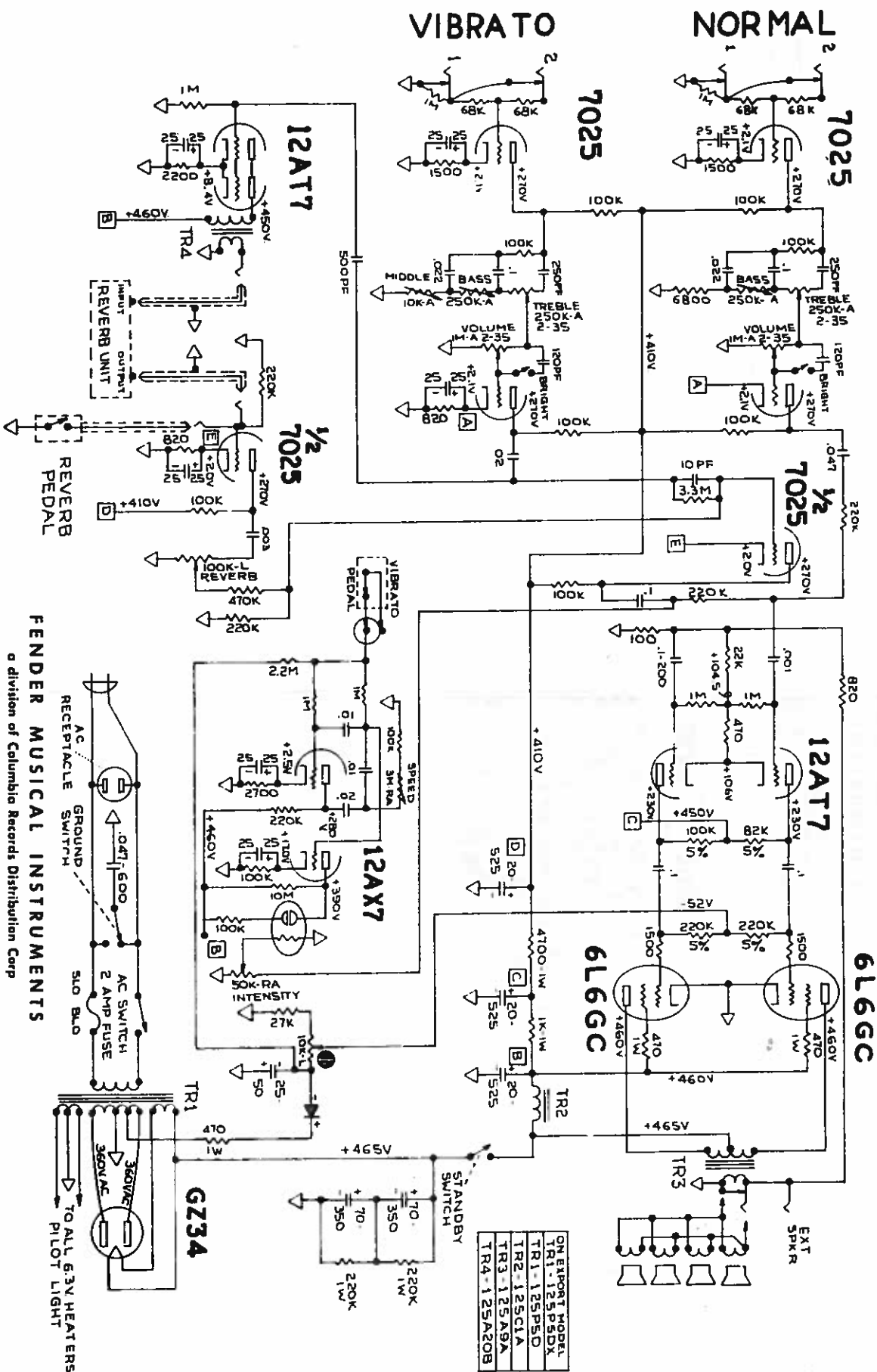
FENDER "SUPER-REVERB-AMPAB 763" SCHEMATIC MODEL

NOTICE

THIS PRODUCT MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS
 CIRCUIT PATENT # 2817708, #2973681
 DESIGN PATENT # 192859
 (PATENTS PENDING)

C. F. D.

1. VOLTAGES READ TO GROUND WITH ELECTRONIC
2. ALL RESISTOR VALUES SHOWN IN OHMS UNLESS SPECIFIED
3. ALL CAPACITORS 1/2 WATT 50V UNLESS OTHERWISE SPECIFIED



ON REPORT MODEL
TR1-125B5D
TR1-125P5D
TR2-125C1A
TR3-125A9A
TR4-125A20B

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