

T-30 Owner's Manual

NECK

The select rock maple neck is of a unique bilaminated construction (U.S. Patent number 4,237,944) to provide unmatched rigidity and freedom from warpage. Additional reinforcement is provided with a steel torsion rod. This neck adjusting rod features high-press rolled, instead of cut, threads for improved strength and freedom from breakage.

The special 23 1/2 inch scale length provides a better reach for younger and beginning guitarists and easier, faster fretting for the more experienced player. The arch of the fingerboard is on a 12 inch radius to allow excellent string bending characteristics without the buzzing and fretting out problems associated with the smaller 10 inch radius used by many other manufacturers. Frets are 18% nickel silver.

BODY

The T-30® is made from the finest hand selected hardwood. A double cutaway design with special "forearm" and "rib cage" relief contouring, rests comfortably and with good balance against the player's body.

PICKUPS

Three single coil high performance pickups provide both high power and full range operation. They may be used singly or in combination and are controlled by master volume and tone controls. The exposed "blade-type" polepieces give much better performance than the more common individual magnet designs, **especially**

when "string bending" on the upper frets.

CIRCUITRY

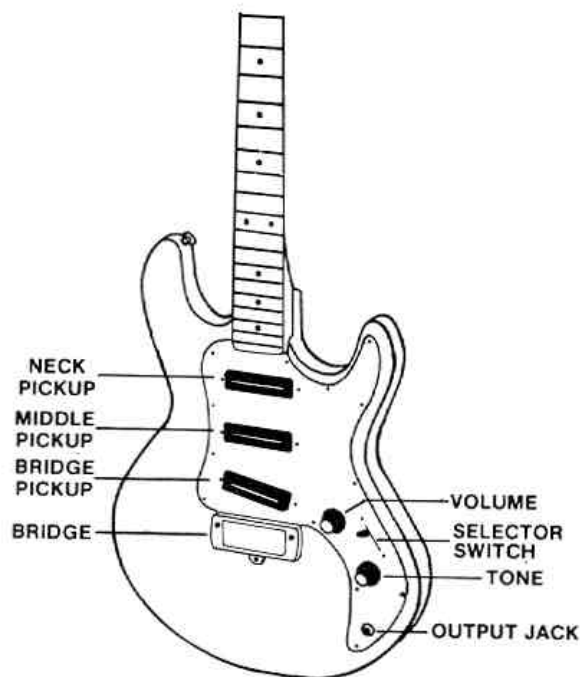
The circuitry of the T-30® is conventional with the exception of the tone compensating volume control, which minimizes high frequency losses when operating at reduced volume settings. However, full volume settings will maximize the tonal capabilities. The volume level should therefore be controlled at the amplifier whenever possible.

BRIDGE

The die cast alloy bridge is **triple chrome plated** for durability and resistance to corrosion. Support is provided at three points for stability and maximum adjustment of height and tilt.

HARDWARE

- Top quality enclosed tuning machines....with "safety posts"
- Die cast metal top nut
- Control knobs specially designed and balanced
- Sturdy five-position Centralab pickup selector switch
- Switchcraft output jack on face of guitar
- Cream and black, laminated pickguard
- Stable, die cast alloy bridge, with individually adjustable bridge saddles
- Top quality, rock 'n roll gauge strings for light action and good sustain



VOLUME CONTROL

The volume control acts as a master volume in that it controls the total signal level delivered from the pickups to the output jacks. Rotating the control knob clockwise will increase volume; rotating counterclockwise will reduce the volume.

TONE CONTROL

The tone control, like the volume control, operates as a master control. Rotating clockwise will result in more treble (high frequencies) and a "brighter tonality." Rotating counterclockwise will result in less treble and a "bassier type" sound.

PICKUP SELECTOR SWITCH

This five-position switch determines which pickup(s) are operational.

NOTE

POSITION NUMBER ONE IS THE POSITION NEAREST THE NECK. POSITION NUMBER FIVE IS THE POSITION NEAREST THE BRIDGE END OF THE GUITAR.

- Position # 1 - Neck pickup only - single coil operation.
- Position # 2 - Neck and middle pickup - humbucking mode - out of phase tonality.
- Position # 3 - Middle pickup only - single coil operation.
- Position # 4 - Bridge and middle pickup - humbucking mode - out of phase tonality.
- Position # 5 - Bridge pickup only - single coil operation.

WARNING:

TO PREVENT ELECTRICAL SHOCK OR FIRE HAZARD, DO NOT EXPOSE THIS INSTRUMENT TO RAIN OR MOISTURE. BEFORE USING THIS INSTRUMENT, READ BACK COVER FOR FURTHER WARNINGS.

NOTE

HUMBUCKING MODE REFERS TO TWO SINGLE COIL PICKUPS (POSITIONS 2 AND 4) BEING WIRED IN A SPECIAL "DUAL COIL" CONFIGURATION. THIS UNIQUE CONFIGURATION (PATENT APPLIED FOR) RESULTS IN HIGHER OUTPUT, RETENTION OF HIGH FREQUENCY RESPONSE, AND HUM CANCELLATION.

OUTPUT, RETENTION OF HIGH OUTPUT JACK

The output jack is a conventional 1/4 inch Switchcraft phone jack which accepts standard shielded guitar patch cords.

PICKUPS

The volume levels between pickups can be adjusted by raising or lowering each pickup with its height adjusting screws. Raising the pickups closer to the strings will increase the output and volume, lowering the pickups away from the strings will decrease output and volume.

NOTE

CARE MUST BE TAKEN TO MAINTAIN ADEQUATE CLEARANCE BETWEEN THE PICKUPS AND STRINGS. INADEQUATE CLEARANCE WILL RESULT IN LOSS OF SUSTAIN AND POSSIBLE STRING BUZZING WHEN PLAYING ON THE UPPER FRETS.

ADJUSTMENTS

The T-30® guitar has been carefully adjusted for accurate intonation and playing ease at the Peavey factory. However, your playing style or playing requirements may necessitate additional adjustments at some time in the future. These adjustments should be made by your Peavey dealer or a qualified repairman. However, with a little care and by adhering closely to the following instructions, you may attempt these adjustments yourself.

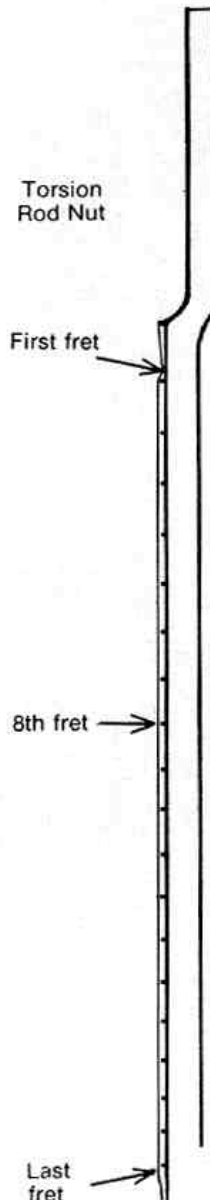
CAUTION
THESE ADJUSTMENTS ARE CRITICAL. PLEASE READ AND UNDERSTAND THE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING ANY ADJUSTMENTS.

ADJUSTING TORSION ROD

The torsion rod adjustment is used to set the "straightness" of the neck. A Peavey torsion rod wrench (number 75031001) must be used (available from a Peavey Accessory Center).

1. Tune the instrument to standard (A-440) pitch.
2. Fret the sixth string (Big E) at the first and last frets.
3. Check for clearance between the string and the eighth fret.
4. Clearance should be no less than .012 (1/64") inches and no more than .025 (3/32") inches.
5. To increase clearance, loosen (counterclockwise) the torsion rod nut. Lessening clearance (straightening of the neck) is accomplished by tightening the nut.

CAUTION
IT IS NOT USUALLY NECESSARY TO ROTATE THE TORSION ROD NUT MORE THAN ONE FULL TURN IN EITHER DIRECTION. ONE-QUARTER TO ONE-HALF TURN IS NORMALLY SUFFICIENT TO MAKE MOST



ADJUSTMENTS. EXCESSIVE ROTATION MAY CAUSE DAMAGE TO NECK AND TORSION ROD. IF EXCESSIVE FOR IS NECESSARY TO ROTATE TORSION ROD NUT, YOU SHOULD CONSULT YOUR PEAVEY DEALER OR THE FACTORY BEFORE ANY FURTHER ADJUSTMENT IS MADE.

6. Repeat steps 1 through 5 until proper clearance has been reached.

NECK TILT

The neck tilt adjustment works in conjunction with the bridge height adjustment to set the overall string playing height. Proper adjustment of the neck tilt has been accomplished at the factory and ordinarily should require very little additional adjustment. However, if necessary, adjust the neck tilt as follows:

1. Release string tensions slightly by detuning guitar (approximately 1 to 2 full steps).
2. Loosen two neck screws (closest to headstock of guitar) approximately 1 turn.
3. Loosen remaining two screws (closest to bridge) approximately 2 turns.
4. String height may now be adjusted with the neck tilt screw which is located inside the fifth hole in the neck plate. A 1/8 inch allen wrench is used to make this adjustment. Turning the screw clockwise lowers the strings closer to the fingerboard.

NOTE

STRING HEIGHT SHOULD BE ADJUSTED TO SUIT YOUR OWN PARTICULAR PLAYING STYLE. IT SHOULD BE NOTED THAT SETTING THE STRING HEIGHT TOO LOW WILL RESULT IN EXCESSIVE STRING BUZZ AND RATTLE...ESPECIALLY WITH A HEAVY PLAYING TECHNIQUE. EXCESSIVE HIGH ACTION WILL RESULT IN INTONATION PROBLEMS AND DECREASED PLAYABILITY.

5. After adjustments, securely tighten all four neck attaching screws.
6. Tune guitar to standard pitch and check strings for correct height and playability.

If necessary, repeat steps 1 through 5 until action is correct.

BRIDGE HEIGHT ADJUSTMENT

The bridge height adjustment works in conjunction with neck tilt adjustment to determine the overall string playing height. Ordinarily, this adjustment should be used to set the string height.

The bridge height is adjusted with the two forward bridge mounting screws. Rotating the screws clockwise lowers the bridge and the string height. Rotating counterclockwise will raise the bridge and the string height.

STRING INTONATION

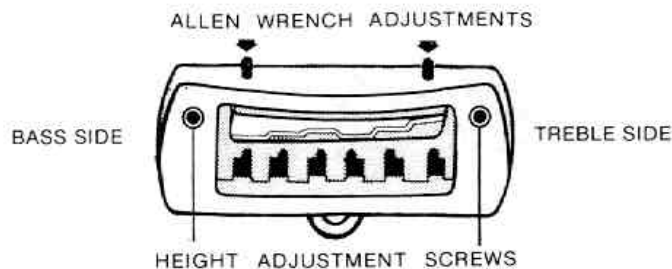
Accurate string intonation settings insure that your instrument will play in tune at any point on the neck. Although perfect intonation is a physical impossibility with a fretted instrument, the correct settings will maximize the accuracy of individual notes up and down the neck.

Intonation is set by comparing the pitch of an open string to the pitch of the same string when it is played one octave higher at the 12th fret. The actual "vibrating length" of that string is varied until the notes are both at the right pitch. The vibrating length of the string is altered by adjusting the bridge saddle either forward or backward, depending on whether the fretted note is sharper (higher) or flatter (lower) in pitch than the open note. If the fretted note is sharper than the open note, the vibrating length of the string must be increased...move the bridge saddle to the rear, away from the pickups. If the fretted note is flat, the vibrating length must be shortened...move the bridge saddle forward, toward the pickups, to shorten the length. **NOTE:** It is often difficult for the untrained ear to determine when the open note and the fretted note are at

precisely the same pitch. Some players find that comparing the 12th fret harmonic of the string (rather than the open note) to the fretted note is much easier. A harmonic is played by plucking the string with the right hand while touching the string with the left index finger (as lightly as possible) directly above the 12th fret. The left index finger is drawn away as quickly as possible after the string is plucked, producing a chime effect. This chimed note is then compared to the fretted note. For even greater ease and a higher degree of accuracy, we recommend one of the many types of electronic guitar tuners that are available from most music stores. The tuners which use either a meter or a moving LED display are usually easier to use than the type with a numerical frequency readout.

NOTE

THIS IS A CRITICAL AND OFTEN THE MOST DIFFICULT ADJUSTMENT TO MAKE ON A GUITAR. UNLESS YOU HAVE PRIOR EXPERIENCE, WE RECOMMEND THAT YOU LEAVE THIS ADJUSTMENT TO QUALIFIED SERVICE PERSONNEL.



SETTING INTONATION

NOTE

ALL GUITAR ADJUSTMENTS INTERACT CLOSELY WITH STRING INTONATION. THESE ADJUSTMENTS MUST BE COMPLETED BEFORE ANY ATTEMPT IS MADE TO SET STRING INTONATION AT THE BRIDGE.

1. Insure that torsion rod, bridge height, and neck tilt adjustments have been made and are accurate.
2. Tune guitar to standard A-440 pitch.
3. Hold the guitar in a normal playing position. Do not exert any undue pressure on the neck as it will effect intonation settings.
4. Play the 1st string open (small E) and compare it to the pitch of the same string when it is played at the 12th fret. The notes should be the same pitch.

5. Using an allen wrench, adjust the string so that the pitch of the open note and the fretted note are the same.

NOTE

IT WILL OFTEN BE NECESSARY TO RE-TUNE THE OPEN STRING TO STANDARD PITCH AFTER SADDLE POSITION IS ALTERED.

6. Repeat step 5 for the sixth string (Big E).
7. Repeat steps 1 through 6 as necessary until intonation is accurately adjusted.

CARE FOR THE T-30®

The T-30® is a high quality musical instrument constructed from the finest materials and with the most modern production methods available. With reasonable care, it should provide many years of service and outstanding playability.

TEMPERATURE AND HUMIDITY

It is important that your T-30® be protected from any extremes or sudden changes in either temperature or humidity. The instrument should be stored in its case whenever it is not in use.

STRINGS

String life may be greatly extended by frequent cleaning and wiping after use. Dirt and perspiration tend to build up on the underside of the strings, so it is often necessary to slide a rag between the strings and the fingerboard. Dirt-laden strings cause tuning and intonation problems, as well as rust and corrosion.

For best performance, strings should be changed approximately once a month or every twenty-four playing hours. Some players may find that they prefer to change strings more often. **NOTE:** Your T-30® is equipped with Peavey "Glider"® electric guitar strings. The intonation and action of your instrument has been carefully adjusted for maximum playability with these strings. When string replacement becomes necessary, we recommend our high quality and long lasting Peavey "Glider"® strings.

FINISH

Your T-30® has a polyurethane finish which is both durable and weather-resistant, but nevertheless, needs care. Automotive grade waxes will protect, clean, and shine it. Between waxings, the instrument should be wiped with a dry, soft cloth.

CASE

A unique molded plastic case (patent applied for) provides maximum protection and road durability. The T-30® case features large storage areas and a padlock tab to facilitate locking for air shipment. The case may be cleaned with a damp cloth, with or without soap. Care should be taken to avoid wetting the foam interior.

**PEAVEY GUITAR ONE-YEAR
LIMITED WARRANTY/REMEDY**

PEAVEY ELECTRONICS CORPORATION ("Peavey") warrants this Guitar to be free from defects in material and workmanship for a period of one year from date of purchase; PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is subject to the conditions, exclusions and limitations hereinafter set forth.

**CONDITIONS, EXCLUSIONS AND
LIMITATIONS OF LIMITED WARRANTY**

This limited warranty shall be VOID and of NO EFFECT if:

1. The first purchase of the product is for the purpose of resale; or
2. The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or
3. The product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship.

This limited warranty shall not extend to or cover guitar strings. Replacement of guitar strings is deemed to be reasonable and necessary maintenance.

Purchaser's exclusive remedy for breach of this limited warranty is repair of the defect or replacement of the Guitar, at Peavey's option, after the Guitar is returned, postage prepaid and insured, along with a description of the problem, proof of purchase and a complete return address to:

PEAVEY ELECTRONICS CORPORATION
711 A Street
Meridian, Mississippi 39301

If the defect is remedial under this limited warranty, and the other terms and conditions expressed herein have been complied with, Peavey will repair or replace the product and will return it, freight collect, to the purchaser. Other than the postage and insurance requirement, no charge will be made for such repair or replacement.

Peavey's liability to the purchaser for any cost whatsoever, and regardless of the form of action, whether in contract or in tort, including negligence, shall be limited to actual damages up to an amount equal to the greater of the purchase price of the product causing the damage or \$500.00. UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS, ANY INCIDENTAL DAMAGES OR ANY CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR INABILITY TO USE THE GUITAR, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

The foregoing limitation of remedy will not apply to the payment of cost and damage awards for personal injury or damage to real property or tangible personal property caused by negligence on Peavey's part.

THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL

WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE; PROVIDED, HOWEVER, THAT IF THE OTHER TERMS AND CONDITIONS NECESSARY TO THE EXISTENCE OF THE EXPRESS, LIMITED WARRANTY, AS HEREINABOVE STATED, HAVE BEEN COMPLIED WITH, IMPLIED WARRANTIES ARE NOT DISCLAIMED DURING THE ONE-YEAR PERIOD FROM DATE OF PURCHASE OF THIS GUITAR.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY ON THIS GUITAR, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY OR AGREEMENT BY ANY PERSON SHALL BE VALID AS TO OR BINDING UPON PEAVEY.

THE WARRANTY REGISTRATION CARD AND A LEGIBLE COPY OF THE PROOF OF PURCHASE SUPPLIED TO YOU BY THE AUTHORIZED PEAVEY DEALER IN CONNECTION WITH YOUR PURCHASE FROM HIM OF THIS GUITAR SHOULD BE ACCURATELY COMPLETED, MAILED TO AND RECEIVED BY PEAVEY WITHIN FOURTEEN (14) DAYS FROM THE DATE OF YOUR PURCHASE.

Should notification become necessary for any condition that would require correction, the registration card will help insure that you are contacted and properly notified.

If you move from the address shown on the WARRANTY REGISTRATION CARD, you should notify Peavey of the change of address so as to facilitate your receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.

The WARRANTY REGISTRATION CARD and subsequent notices of change of address should be mailed to:

PEAVEY ELECTRONICS CORPORATION
P.O. Box 2898
Meridian, Mississippi 39301

In the event any modification or disclaimer of express or implied warranties, or any limitation of remedies, contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

The limited warranty is given by Peavey Electronics Corporation with respect to equipment purchased in the United States of America.

DANGER

ALL AMPLIFICATION ACCESSORIES, MICROPHONES, MIXERS, ETC., MUST BE PROPERLY GROUNDED AND SHOULD BE UTILIZED WITH A 3-WIRE MAINS SYSTEM IN ORDER TO AVOID ELECTRICAL SHOCK.

DANGER

DO NOT COME INTO CONTACT WITH OTHER ELECTRICAL APPARATUS WHEN PLAYING (OR TOUCHING) YOUR INSTRUMENT. THE METAL PARTS OF THIS INSTRUMENT ARE GROUNDED ACCORDING TO PROPER AND ACCEPTED INDUSTRY PRACTICE, BUT IT IS POSSIBLE TO ENCOUNTER AN ELECTRICAL SHOCK WHEN COMING INTO CONTACT WITH ANOTHER ELECTRICAL APPARATUS IF IT HAS IMPROPER GROUNDING FACILITIES.

WARNING

DO NOT USE IMPROPER OR POORLY DESIGNED GUITAR STRAPS OR OTHER MEANS OF SUPPORT. POSSIBLE INJURY COULD RESULT IF IMPROPER, INFERIOR, ILL FITTING OR WORN OUT STRAPS ARE USED. THE INSTRUMENT COULD POSSIBLY FALL, CAUSING BODILY INJURY OR DAMAGE TO THE INSTRUMENT OR ASSOCIATED EQUIPMENT IF THE HOLDING DEVICES FAIL FOR ANY REASON.

DANGER

GUITAR STRINGS ARE MADE FROM VERY STRONG STEEL ALLOYS. THEY ARE DESIGNED TO BE USED UNDER TENSION AND, UNDER CERTAIN CONDITIONS, THEY MAY BREAK AND SPRING AWAY FROM THE GUITAR. DO NOT TUNE OR PLAY THIS INSTRUMENT WITH YOUR FACE IN CLOSE PROXIMITY TO THE STRINGS, AS SERIOUS INJURY COULD RESULT IF A STRING SHOULD BREAK.

Due to our efforts for constant improvement, features and specifications are subject to change without notice.



PEAVEY ELECTRONICS CORPORATION

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