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## Ibanez 2LE21B

# Ibanez 2LE21B Tremolo Arm Instruction Manual

Model: 2LE21B

## 1. PRODUCT OVERVIEW

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The Ibanez 2LE21B Tremolo Arm is a replacement part designed for specific Ibanez tremolo bridge systems, including the Edge and Lo-Pro Edge. This arm allows for pitch modulation effects, commonly known as 'whammy bar' effects, on compatible electric guitars. It is constructed from durable metal and includes multiple bushing sets to ensure proper fitment across various Ibanez models.



**Figure 1:** The Ibanez 2LE21B Tremolo Arm. This image displays the black metal tremolo arm, typically featuring a threaded end for attachment and a curved shaft for ergonomic use. It is often supplied with small plastic bushings.

## 2. COMPATIBILITY

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This tremolo arm is specifically designed for Ibanez guitars equipped with the following tremolo bridge systems:

- **Edge Tremolo Systems**
- **Lo-Pro Edge Tremolo Systems**

The package includes two sets of bushings (small and large) to accommodate variations in tremolo bridge receptacles. Users have reported successful fitment with models such as the RG550, DT-250, XV500, RG570, and certain 1986 Ibanez Roadstar II RG440 Series guitars, as well as various S-series and RG series Ibanez guitars from the 80s and 90s.

## 3. INSTALLATION INSTRUCTIONS

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Follow these steps to properly install the tremolo arm into your guitar's tremolo bridge:

1. **Select Bushings:** The tremolo arm comes with two sets of plastic bushings (small and large).

Determine which set provides the most secure yet functional fit for your specific tremolo bridge. The smaller set is often required for older or specific models. Carefully swap bushings if necessary, as they can be small and easily lost.

2. **Lubricate (Optional but Recommended):** For smoother operation and to prevent wear, apply a small amount of lubricant (e.g., Ballistol or a small amount of chapstick) to the tremolo arm's insertion end and inside the tremolo bridge's receptacle. Use a Q-Tip for precise application.
3. **Insert the Arm:** Align the tremolo arm with the receptacle on your guitar's tremolo bridge. Insert the arm straight down. If resistance is met, gently wiggle the arm side-to-side while maintaining a straight angle. Avoid forcing the arm, as this can damage the bushings or the bridge.
4. **Test Fit:** Once inserted, the arm should fit snugly, allowing for movement without excessive play, and should remain in your desired position. If the fit is too tight, re-evaluate bushing selection or consider very carefully filing the inside of the bushings with a small round jeweler's file if absolutely necessary (proceed with caution to avoid over-filing). If too loose, ensure the correct bushings are installed.

## 4. OPERATION

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Once installed, the tremolo arm is used to alter the pitch of the guitar strings. Gently push down on the arm to lower the pitch or pull up (if your tremolo system allows for upward pull) to raise the pitch. The arm should move smoothly and return to its neutral position, or stay in a set position if the fit is snug enough, allowing for expressive playing techniques.

## 5. CARE AND MAINTENANCE

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- **Cleaning:** Wipe the tremolo arm periodically with a soft, dry cloth to remove sweat, dust, and grime. Avoid abrasive cleaners.
- **Lubrication:** Reapply lubricant to the insertion point as needed to maintain smooth operation and prevent wear on the bushings and bridge components.
- **Bushing Inspection:** Regularly inspect the plastic bushings for signs of wear, cracking, or deformation. Worn bushings can lead to a loose fit or improper function. Replace them if necessary.
- **Storage:** When not in use, you may remove the tremolo arm and store it in your guitar case to prevent accidental bending or damage.

## 6. TROUBLESHOOTING

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- **Arm is too tight or difficult to insert/remove:**
  - Ensure you are using the correct size bushings. Try the alternative set provided.
  - Apply lubricant to the arm and receptacle.
  - Gently wiggle the arm while inserting or removing it at a straight angle. Do not force it.
  - If bushings are still too tight, a very slight, careful filing of the inside of the bushing may be considered as a last resort.
- **Arm is too loose or has excessive play:**
  - Verify that the correct size bushings are installed and are not worn or damaged.
  - Ensure the arm is fully seated in the receptacle.
  - Replace worn bushings with new ones if available.

## 7. PRODUCT SPECIFICATIONS

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<b>Model Number</b>	2LE21B
<b>Item Weight</b>	1.6 ounces
<b>Product Dimensions</b>	7.2 x 1.95 x 0.3 inches
<b>Material Type</b>	Metal
<b>Guitar Bridge System Compatibility</b>	Edge, Lo-Pro Edge (Adjustable)

## 8. WARRANTY AND SUPPORT

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This Ibanez product is covered by the manufacturer's standard warranty. For specific warranty terms, conditions, and duration, please refer to the documentation provided with your original guitar or contact Ibanez customer support directly. For technical assistance or further inquiries regarding the 2LE21B Tremolo Arm, please visit the official Ibanez website or contact their authorized service centers.