

ESP ARMING ADJUSTER

ESP Arming Adjuster User Manual

Model: ARMING ADJUSTER

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ESP Arming Adjuster. Designed to enhance the tuning stability of guitars equipped with floating tremolos, this device helps prevent unwanted tuning shifts during play and string breakage. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your unit.

PRODUCT FEATURES

- **Innovative Solution:** Prevents tuning instability common with floating tremolos.
- **Enhanced Tremolo Stability:** Semi-locks the tremolo via a counter spring, allowing for arm down and arm up motions without compromising functionality.
- **Versatile Compatibility:** Suitable for both lock-type and syncro-type tremolos.
- **Durable Construction:** Made from aluminum with a gold finish.
- **Easy to Install:** Designed for straightforward integration into your guitar.

WHAT'S IN THE BOX

Upon opening the package, verify that all components are present and undamaged:

- 1 x ESP Arming Adjuster unit
- 1 x Mounting Screw

SETUP AND INSTALLATION

The ESP Arming Adjuster is designed for installation in the tremolo cavity of your electric guitar. Professional installation is recommended if you are unfamiliar with guitar modifications.

1. **Prepare the Guitar:** Ensure the guitar is unplugged and placed on a stable, padded surface. Remove the tremolo cavity cover from the back of the guitar.
2. **Identify Mounting Location:** The Arming Adjuster is typically mounted between the tremolo block and the body of

the guitar, aligning with the tremolo's movement.

3. **Position the Unit:** Place the Arming Adjuster in the tremolo cavity. The plunger end should face the tremolo block, and the spring mechanism should be oriented towards the guitar body.
4. **Secure with Screw:** Use the provided mounting screw to secure the Arming Adjuster to the guitar body. Ensure it is firmly attached but do not overtighten.
5. **Adjust Tension:** The tension of the Arming Adjuster's internal spring can be adjusted to fine-tune its effect on the tremolo. This adjustment is crucial for optimal performance and should be done in conjunction with setting up your guitar's tremolo system.
6. **Test Functionality:** After installation, re-string and tune your guitar. Test the tremolo arm's movement and observe the tuning stability during bends and dives. Adjust the Arming Adjuster's tension as needed to achieve the desired balance between tremolo freedom and tuning stability.



Figure 1: The ESP Arming Adjuster unit, showing its internal spring and plunger mechanism. This image displays the primary components of the device designed to stabilize floating tremolos.

The ESP Arming Adjuster works by applying a counter-force to the tremolo block, effectively semi-locking it in a neutral position. When a string is bent or breaks, the tension on the tremolo system changes. Without the Arming Adjuster, this change can cause other strings to go out of tune. The Adjuster's spring mechanism absorbs these sudden changes, maintaining the tremolo's position and thus the guitar's tuning.

- **Choking Prevention:** When bending a string, the Arming Adjuster prevents the tremolo from moving forward, which would cause other strings to go flat.
- **String Break Stability:** If a string breaks, the sudden loss of tension would normally cause the tremolo to pull back, making all other strings go sharp. The Arming Adjuster counteracts this, keeping the remaining strings in tune.
- **Arm Down/Up Functionality:** The design allows for full use of the tremolo arm for dives and pulls, as the unit only engages to stabilize the tremolo against unwanted movements.

MAINTENANCE

The ESP Arming Adjuster is a low-maintenance device. Regular inspection is recommended to ensure continued optimal performance.

- **Periodic Inspection:** Annually, or during string changes, inspect the unit for any signs of wear, corrosion, or damage. Check that the mounting screw remains secure.
- **Cleaning:** If dust or debris accumulates in the tremolo cavity, gently clean the Arming Adjuster with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Lubrication:** The internal spring mechanism is designed for smooth operation. No lubrication is typically required. If you notice any sticking, consult a qualified guitar technician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tremolo still goes out of tune during bends.	Insufficient tension from Arming Adjuster.	Increase the tension of the Arming Adjuster's spring. Ensure proper tremolo setup (spring tension, pivot points).
Tremolo feels stiff or restricted.	Excessive tension from Arming Adjuster.	Decrease the tension of the Arming Adjuster's spring. Check for any obstructions in the tremolo cavity.
Unit is loose or rattling.	Mounting screw is loose.	Tighten the mounting screw. Do not overtighten.
Visible wear or damage to the unit.	Normal wear and tear or improper installation.	If performance is affected, consider replacing the unit. Ensure correct installation to prevent future damage.

SPECIFICATIONS

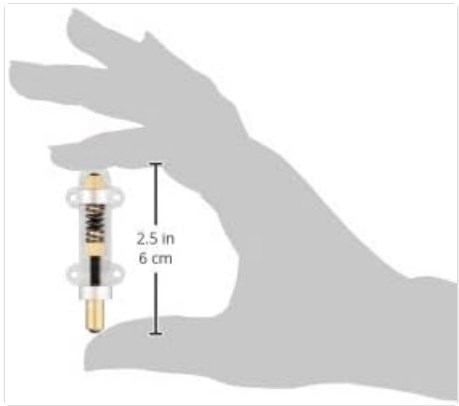


Figure 2: The ESP Arming Adjuster shown with approximate dimensions, indicating its compact size for guitar cavity installation. The unit measures approximately 2.5 inches (6 cm) in length.

Attribute	Detail
Brand	ESP
Model Number	ARMING ADJUSTER
Material	Aluminum
Color	Gold
Item Weight	26 Grams (0.917 ounces)
Package Dimensions	3.39 x 2.76 x 0.91 inches
Included Components	Screw
Special Feature	Easy to Install

WARRANTY AND SUPPORT

Specific warranty information for the ESP Arming Adjuster is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact ESP customer service directly or refer to their official website. Keep your purchase receipt as proof of purchase.

Manufacturer: ESP






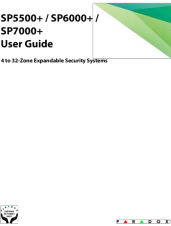
First Available: August 23, 2012

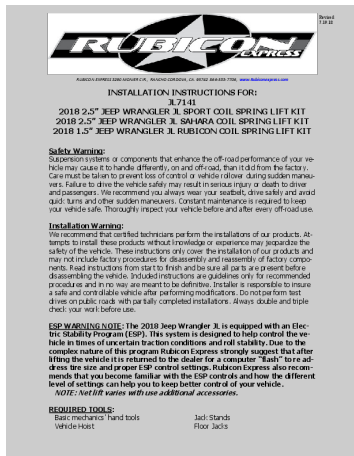


© 2024 ESP. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - ARMING ADJUSTER

	<p>SpacePak ESP-K & ESP-KV Installation, Operation & Maintenance Manual</p> <p>Comprehensive guide for the installation, operation, and maintenance of SpacePak ESP-K and ESP-KV series central air conditioning fan coil units. Covers system design, installation steps, start-up, commissioning, maintenance, troubleshooting, and warranty information.</p>
	<p>SpacePak ESP-J & ESP-JV Installation, Operation & Maintenance Manual</p> <p>Comprehensive manual for the installation, operation, and maintenance of SpacePak ESP-J and ESP-JV series central air conditioning units, covering 2 to 5 tons. Includes detailed instructions, specifications, and troubleshooting.</p>
	<p>SpacePak ESP-J & ESP-JV Installation, Operation & Maintenance Manual</p> <p>Comprehensive guide for the installation, operation, and maintenance of SpacePak ESP-J and ESP-JV series central air conditioning fan coil units. Covers system design, code compliance, air distribution, start-up, commissioning, maintenance, and troubleshooting for 2 to 5 Ton units.</p>
	<p>Rain Bird IQ NCC 4G Cartridge User Guide</p> <p>This document provides information on using the Rain Bird IQ NCC 4G Cellular Network Communications Cartridge, including installation, troubleshooting, and signal quality indicators.</p>
	<p>Rain Bird ESP-ME3 Controller: Advanced Irrigation Management</p> <p>User manual for the Rain Bird ESP-ME3 Controller, detailing advanced irrigation scheduling, Wi-Fi connectivity, and water efficiency for residential systems.</p>
	<p>Paradox SP5500+/SP6000+/SP7000+ User Guide</p> <p>Comprehensive user guide for Paradox SP5500+, SP6000+, and SP7000+ expandable security systems. Learn about installation, programming, features, and operation.</p>



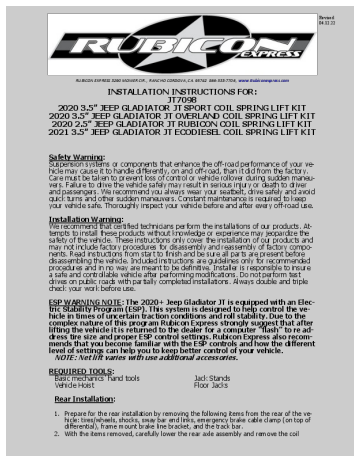
[pdf] Installation Guide Instructions

RI JL7141 INST 7 19 18 pub jweber INSTALLATION INSTRUCTIONS FOR 2018 2 5 JEEP WRANGLER

JL SPORT COIL SPRING LIFT KIT SAH 4wd sku Rubicon Express standard |||

Revised 7.19.18 RUBICON EXPRESS 3290 MONIER CIR., RANCHO CORDOVA, CA. 95742 866-533-7706, www.Rubiconexpress.com INSTALLATION INSTRUCTIONS FOR: JL7141 2018 2.5 JEEP WRANGLER JL SPORT COIL SPRING LIFT KIT 2018 2.5 JEEP WRANGLER JL SAHARA COIL SPRING LIFT KIT 2018 1.5 JEEP WRANGLER JL RUBICON COIL...

lang:en score:18 filesize: 3.78 M page_count: 6 document date: 2018-07-19



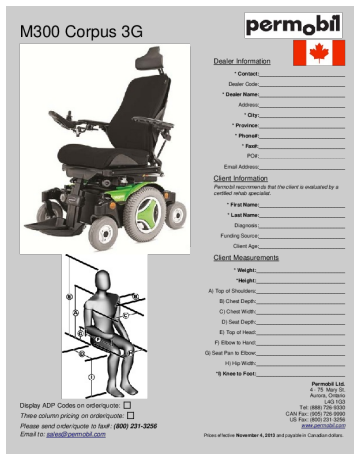
[pdf] Installation Guide Instructions

kelly INSTALLATION INSTRUCTIONS FOR JT7098 2020 3 5 JEEP GLADIATOR JT SPORT COIL

SPRING LIFT KIT O RI INST 4 12 22 4wd sku Rubicon Express standard |||

Revised 04.12.22 RUBICON EXPRESS 3290 MONIER CIR., RANCHO CORDOVA, CA. 95742 866-533-7706, www.Rubiconexpress.com INSTALLATION INSTRUCTIONS FOR: JT7098 2020 3.5 JEEP GLADIATOR JT SPORT COIL SPRING LIFT KIT 2020 3.5 JEEP GLADIATOR JT OVERLAND COIL SPRING LIFT KIT 2020 2.5 JEEP GLADIATOR JT RUBICON COIL SPRING LIFT KIT 2021 3.5 JEEP GLADIATOR JT COUNTRY COIL SPRING LIFT KIT

lang:en score:18 filesize: 1.51 M page_count: 8 document date: 2022-04-14



[pdf] User Manual

Provided by ManualsAndMore Download User Manual Permobil M300 Corpus 3G manualsandmore |||

M300 Corpus 3G Display ADP Codes on order/quote: Three column pricing on order/quote: Please send order/quote to fax#: 800 231-3256 Email to: sales

permobil.com Dealer Information * Contact: _____

Dealer Code: _____ * Dealer

Name: _____...

lang:en score:17 filesize: 185.25 K page_count: 18 document date: 2019-07-23

