

# CAM PIN BY SOTAR - FORWARD CONTROLS DESIGN SOTAR CAM PIN, NITRIED COATED

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SCP (SOTAR Cam Pin) is a collaboration between Chad Albrecht of School of American Rifle) and Forward Controls Design. SCP features a machined dimple on one side of the carrier cam pin, so the user can always reinstall the cam pin on the carrier in the same orientation. Cam pin usually wears more heavily on one side, putting the cam pin in one direction, then another randomly creates uneven wear on the cam pin, and it becomes sloppy and loose in the bolt. When the cam pin is installed always facing the same direction, it leaves one side less worn and more intact, this has the effect of better maintaining a tight fit of the cam pin in the bolt, and reduces wear cam pin itself as well as on the cam pin bore on the bolt. The idea of SCP, or consistently reinstalling the cam pin in the same orientation, isn't so much about saving the cam pin as it is reducing the resulting wear and stress introduced to the bolt. Chad Albrecht is a well respected armorer and instructor, Forward Controls Design (FCD) saw what he has done on a few cam pins, and it piqued interest. SCP is one of these "why didn't I think of it" moments for FCD, eminently simple and elegant, it's very much in line with FCD's own design philosophy. Chad Albrecht of SOTAR explains the benefits of reinstalling the cam pin in the same orientation in this video: <https://youtu.be/VuZ4TgoR1Zk> There is a thread on M4Carbine.net on this very issue as well: <https://www.m4carbine.net/showthread.php?134117-Cam-pin-wear-as-a-contributor-to-bolt-failure> SCP is based on the TDP spec cam pin, dimpled on one side, and NP3 or nitride coated. Indeed, the NP3 SCP is incorporated into the SBCG, starting from December, 2019 production units. FCD encourage you to visit the School of American Rifle page for more info on Chad Albrecht and SOTAR : <https://www.schooloftheamericanrifle.com/> AR Build Junkie recently did an interview with Chad Albrecht re: SCP, the article can be found here: <https://www.arbuildjunkie.com/school-of-the-american-rifle-sotar-new-products-partnerships/> Machined in 4340 and heat treated per TDP specs. NP3 coated. Made in USA. SCP is incompatible with KAC SR15 BCG.



## Attributes

- Name: [FORWARD CONTROLS DESIGN SOTAR CAM PIN, NITRIED COATED](#)
- Manufacturer: [FORWARD CONTROLS DESIGN](#)
- Product no.: 430103545
- Mfr. No.: SCP, NITRIDE
- Weapon type: AR-15
- Delivery weight: 0.204kg
- Shipping height: 152mm
- Shipping width: 13mm
- Shipping length: 76mm
- UPC: 686162347872

## Item details

Made in USA

US export classification: 0A501.x

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# Safety Instruction Guide for CAM PIN BY SOTAR FORWARD CONTROLS DESIGN SOTAR CAM PIN

## Introduction

Thank you for choosing the CAM PIN BY SOTAR FORWARD CONTROLS DESIGN SOTAR CAM PIN. This product is designed to enhance the performance and longevity of your firearm's bolt assembly. To ensure safe and effective use of the cam pin, please read this safety instruction guide carefully. It contains essential information regarding product safety, usage precautions, installation instructions, and disposal guidelines.

## General Safety Guidelines

- Ensure the cam pin is compatible with your firearm before installation. The SCP is incompatible with KAC SR15 BCG.
- Always handle firearms with care and follow standard safety practices.
- Store the cam pin in a safe location, out of reach of children and unauthorized users.
- Regularly inspect the cam pin for wear or damage before each use.
- Report any unsafe conditions or accidents involving the cam pin to the appropriate authorities.

## Specific Safety Precautions for Use

- Always install the cam pin in the same orientation to prevent uneven wear.
- Avoid using excessive force when installing or removing the cam pin.
- Do not modify the cam pin or use it in a manner not intended by the manufacturer.
- If you notice any signs of damage or deformation, discontinue use immediately and consult a qualified armorer.
- Ensure that the cam pin is clean and free of debris before installation to maintain proper function.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure your firearm is unloaded and in a safe condition before starting.
- Gather necessary tools for installation, including a punch and hammer if needed.

### 2. Installation:

- Identify the orientation of the cam pin. The dimple should be positioned to allow correct alignment.
- Insert the cam pin into the bolt carrier group, ensuring it is aligned with the corresponding slot.
- Gently tap the cam pin into place if necessary, ensuring it is secured but not overly tight.

### 3. Usage:

- Regularly check the cam pin for proper fit and function during routine maintenance.
- Follow the manufacturer's recommendations for cleaning and lubrication to ensure optimal performance.

### 4. PostInstallation Check:

- After installation, cycle the action of the firearm to ensure smooth operation.
- Inspect the cam pin for any signs of movement or wear after the first use.

## **Disposal Instructions**

- Dispose of the cam pin in accordance with local regulations regarding firearm components.
- If the cam pin is damaged beyond repair, ensure it is rendered unusable before disposal to prevent misuse.
- Do not dispose of the cam pin in regular household waste. Check for local recycling programs for metal components.

## **Contact Information for Further Support**

For any inquiries regarding the safety or performance of the CAM PIN BY SOTAR FORWARD CONTROLS DESIGN SOTAR CAM PIN, please consult the manufacturer's website or contact your local dealer for support.

By following these safety guidelines and instructions, you can ensure the safe and effective use of your CAM PIN. Always prioritize safety and proper maintenance for optimal firearm performance. Thank you for your attention to these important details.

# About Us

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