

# Apex Disassembly Fixture for FN 509 and FNS-C Pistols

Adult Assembly Required

Applicable to :  
104-130 & 104-124

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These instructions are also available in  
video form [at this link](#)



# Disclaimers First

- **Before working on or handling firearms, assure they are unloaded.**
- **Before working on or handling firearms, assure no ammunition is present in the work area.**
- **Always wear safety glasses while working on firearms.**
- **YOU are solely responsible for safe handling of all firearms.**
- **This document is provided as reference material only.**
- **Possession, in whole or part of this document does not certify the holder as a trained installer.**
- **YOU are responsible for knowing and compliance of all Federal, State, Local and any other jurisdictional law or laws that may pertain to the use, possession, maintenance or modification of firearms and their components.**
- **Apex Tactical Specialties, Inc. is not responsible for any damage, injury or death that may occur from mishandling of firearms.**

## Tools Required (Not included)

- Hammer – Between 4-8 oz
  - Common Screwdriver
  - 3/32" Pin Punch
    - Recommend Starrett Part Number: 52579
- OR
- Optional instead of Hammer and Pin Punch: Apex Disassembly Punch

Most of these tools can be found at your local hardware store, or online.



Hammer, Punch and Common Screwdriver (Flat Head)

Pictured here:

- Grace USA BH-8 Hammer
- Grace USA N2 Screwdriver
- Generic Steel 3/32" Pin punch.



Apex 3/32" Disassembly Punch and Common Screwdriver

or Pictured here:

- Apex 3/32" Disassembly Punch

# Kit Contents

- FN 509 and FNS-C Upper Fixture Plate
- Disassembly Lower Fixture Plate (The 3D Polymer Version has a Hex nut press fit in place.)
- Alignment Screw
- Polymer Spacer
- Fixture Pins – 3ea.



## Initial Assembly

- Carefully drive any 2 of the Fixture Pins into the top pair of unmarked holes in the Disassembly Lower Fixture Plate until they're fully seated

NOTE: Once installed, the Fixture Pins in this step are intended to be permanent.



# Fixture Pin Locations

- Place the remaining Fixture Pin in the correct Fixture Base hole for the frame you're working on

FN 509



FNS-C





## Place the frame on the Fixture

- The Take Down Lever must be removed from the frame before proceeding
- Place the frame on the Base
  - Note the orientation of the frames with the dust covers pointing to the right
- Insert the Polymer Spacer

FN 509



FNS-C



## Install the Cap

- The cap is the same for the FN 509 and FNS-C
- Use the supplied screw to lightly secure the Cap in place
  - The screw only needs to be snug to hold the cap in place
- **DO NOT OVERTIGHTEN OR YOU MAY CRUSH THE FRAME**

FN 509



FNS-C

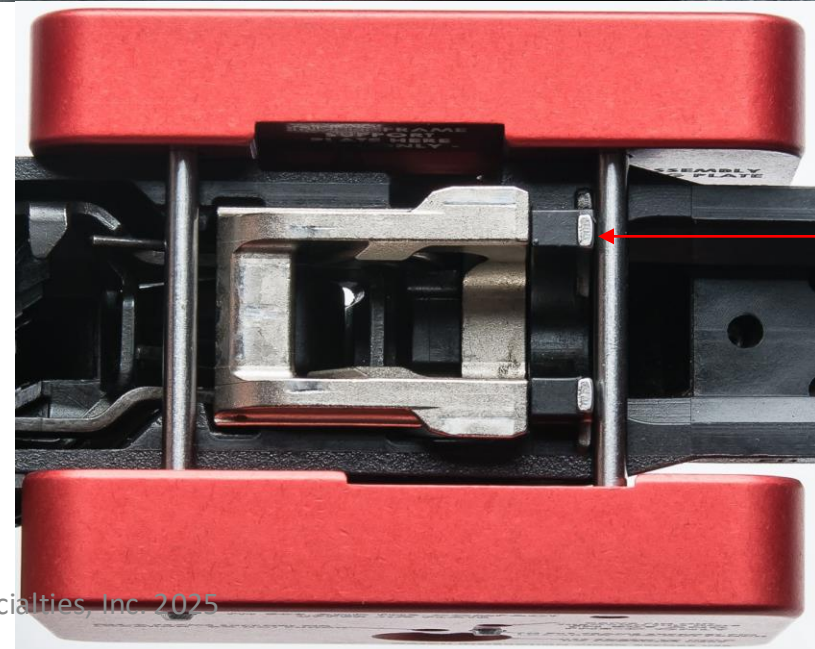




## Check Frame Alignment

- A. Check the front recoil shoulder is against the right side pin
- B. Check the top surface of the frame is against the right side pin
- C. Check the top surface of the frame is against the left side pin

**This applies to both frame types**



## BEFORE YOU DRIVE THE PIN OUT!!

**A. Double check all of the steps from the last page. In case you forgot what they were, here they are again:**

- A. Check the front recoil shoulder is against the right side pin
- B. Check the top surface of the frame is against the right side pin
- C. Check the top surface of the frame is against the left side pin





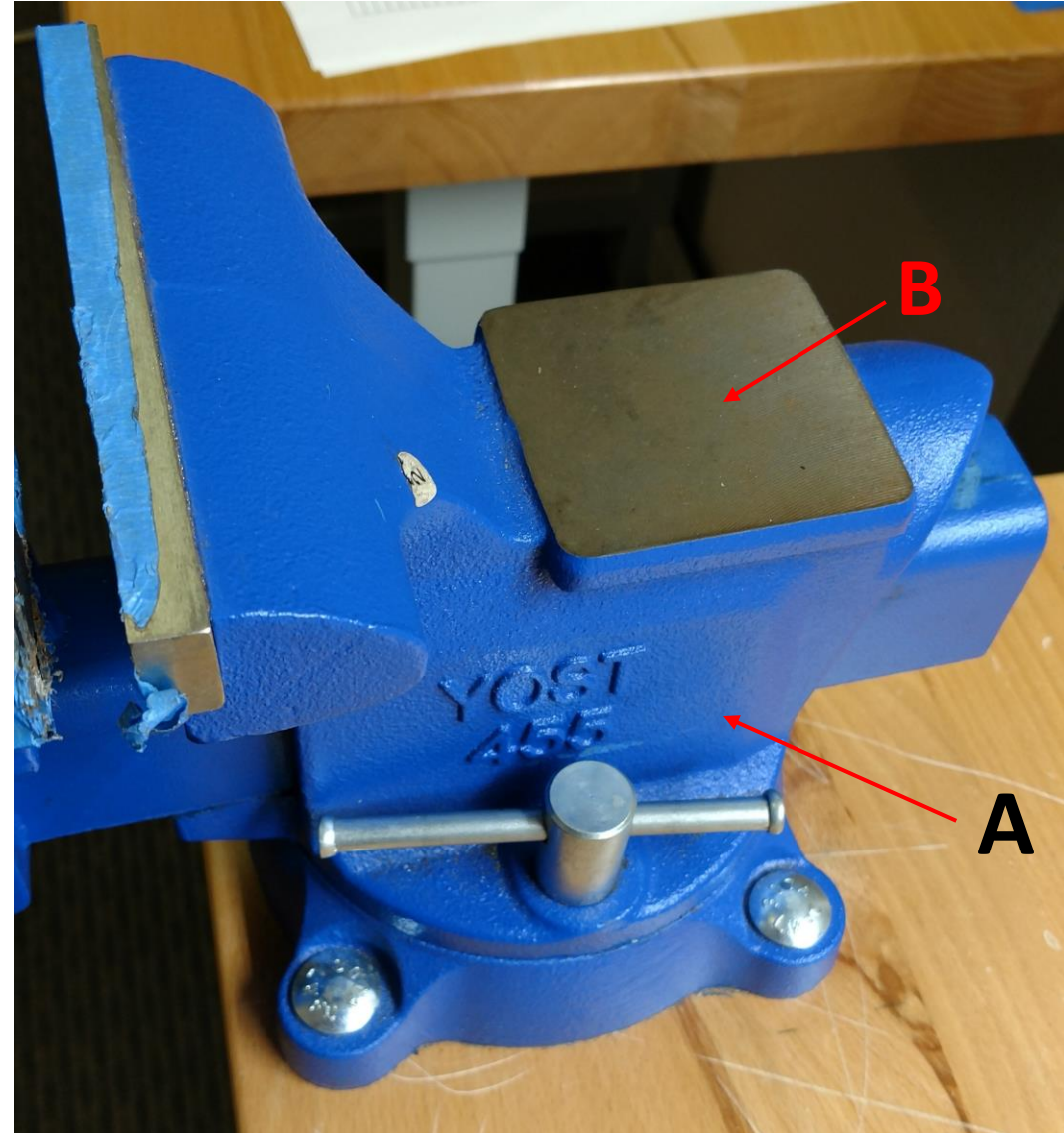
Find an extremely  
stable and solid  
surface

Set the Assembly on a Vise  
Anvil, SOLID Work bench or on  
the Concrete floor.

**WE DO NOT RECOMMEND  
USING YOUR KITCHENTABLE  
OR COUNTERTOP FOR THIS.**

A. Vise

B. Vise Anvil



## Set the Pin Punch in place and check alignment with the “Tap Test”

- A. Insert the 3/32” pin punch into the hole marked, “Drive pin out through this hole FN 509 and FNS-C only”
- B. **DO NOT HAMMER ON THE PIN YET**
- C. Use the pin punch to tap on the end of the pin to confirm proper placement over the pin. You will hear a metallic “clink”. If you hear a dull “clunk”, your alignment pins may not be in their proper location and will need to be rechecked. (This also applies to the Apex Disassembly Punch)





## Start to drive the pin

With your 3/32" Pin punch set in place and alignment verified:

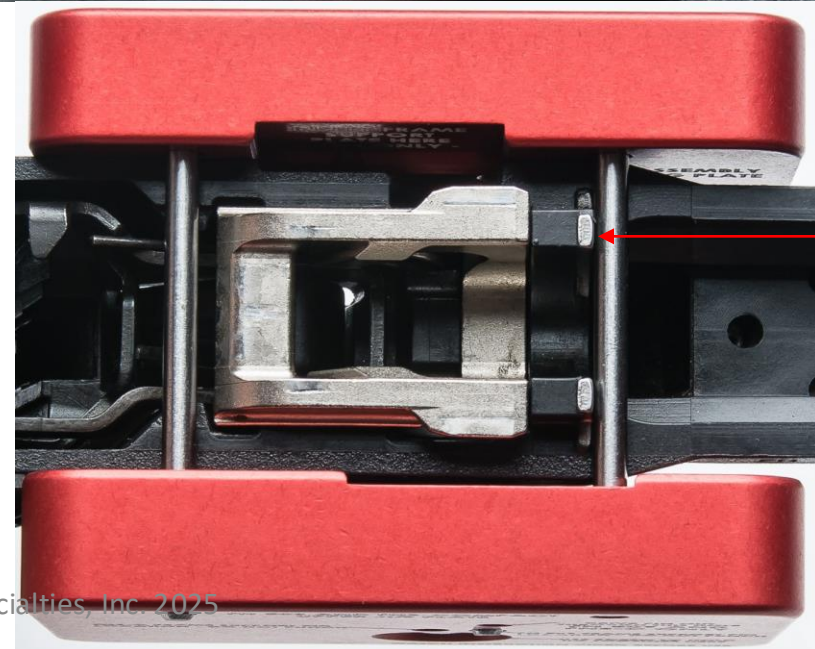
- A. Use your hammer to give the pin punch one "Quick & Sharp" impact
- B. Do the "Tap Test" after each impact of the hammer on the pin punch to verify the frame is in proper alignment inside the fixture





## After each impact of the Pin Punch

- A. Check the front recoil shoulder is against the right side pin
- B. Check the top surface of the frame is against the right side pin
- C. Check the top surface of the frame is against the left side pin



Drive the pin until  
your pin punch  
bottoms out

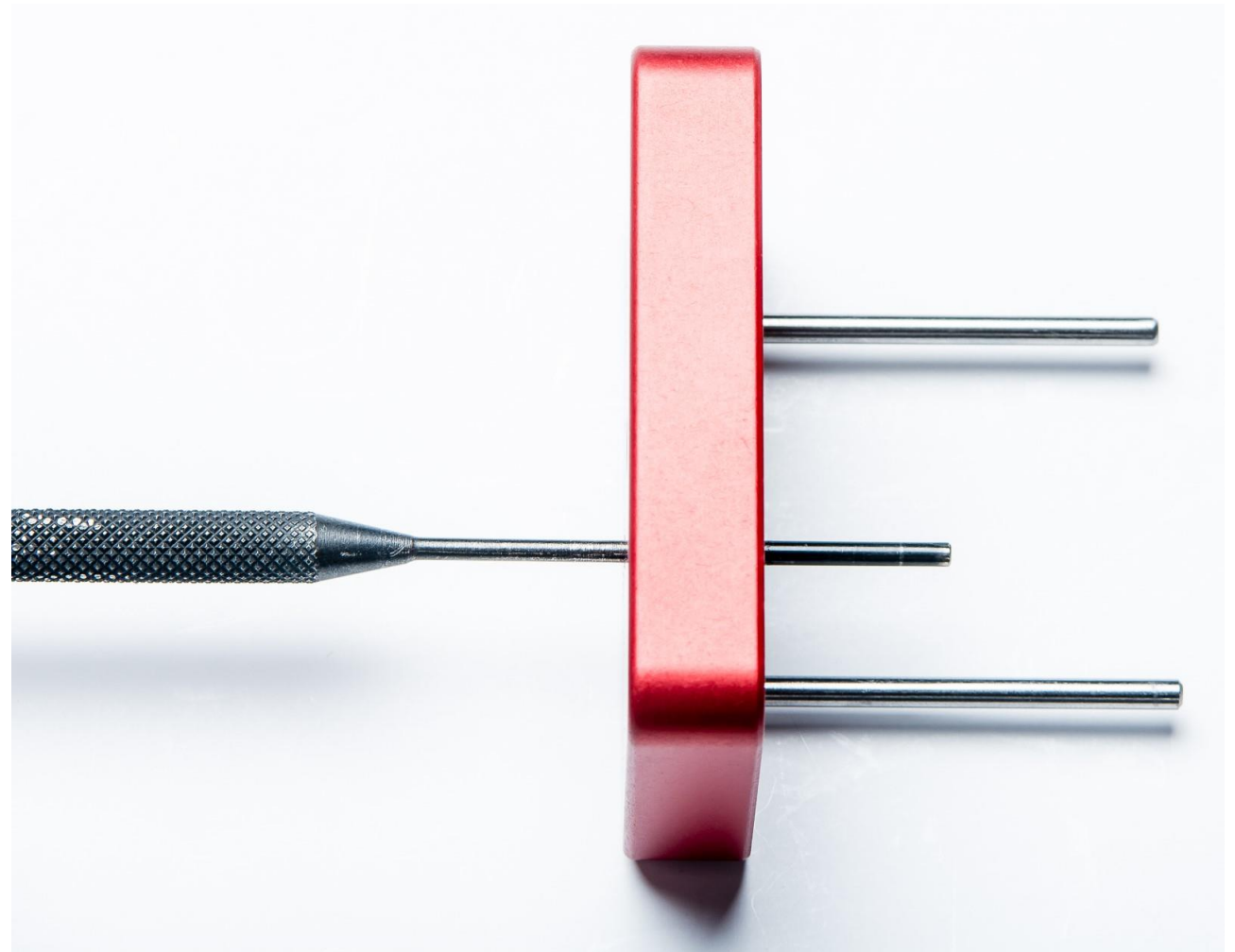
- A. Once the top edge of the pin punch bottoms out on the Upper Fixture Plate, remove the Upper Fixture Plate and frame
- B. Finish driving the pin out carefully over the opening in a roll of tape or other surface to allow the pin to push all the way out

**Note:** This configuration is recommended for storage after use (minus the pin punch).



## Remove the Top cap and the frame from the fixture

- Your Locking Block Pin may be stuck in the lower plate
- Remove the Screw, Spacer, Top Plate and moveable frame alignment pin
- Turn the lower fixture plate on its side and use your pin punch to tap the pin free from the bottom up



**ALL DONE!**

If you have any questions or concerns, contact our Customer Service at:

**[guns@apextactical.com](mailto:guns@apextactical.com)**

**or**

**Call: 623-322-0200**

