

Ruger American ARCA Rail Installation Guide

Preparation:

1. **Remove the Barreled Action:**
 - Ensure the firearm is unloaded and safe.
 - Remove the barreled action from the stock.
 2. **Remove the Front Sling Swivel:**
 - Unscrew and remove the front sling swivel.
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Standard ARCA Rail Installation:

Note: The standard installation uses the front sling swivel as the front fastener for the Ruger ARCA Rail. **DO NOT** drill out the sling swivel hole.

1. **Drill Mounting Holes:**
 - Locate the hex recesses in the stock.
 - Using a #8 or 5mm drill bit, carefully drill **two holes** through the stock, ensuring they are centered in the hex recesses.
 - These holes create clearance for the 10-24 screws.
 - Install Rail/hardware and perform final checks
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Optional: Plastic Heat Set Insert Installation

For replacing the front sling swivel with a heat-set insert:

1. **Drill the Sling Swivel Hole:**
 - Use a #8 or 5mm drill bit to clear out the sling swivel hole.
2. **Create a Counterbore for the Insert:**
 - From inside the stock channel, drill using an **H-size drill bit** (max hole diameter: **.267"**) to a depth of **.225"**.
 - **Do not drill through the entire stock.**
3. **Install the Insert:**
 - Heat the plastic heat set insert with an **electric soldering iron** or equivalent tool.
 - Press the insert into the polymer from inside the stock channel.
 - Allow it to cool and set firmly.
4. **Clean Up:**

- Remove any plastic overflow from the internal threads.

Final Checks & Finishing

1. **Test Fit:**
 - Verify that the ARCA rail aligns properly with the drilled holes.
 - Ensure all screws fit securely.
2. **Secure the Rail:**
 - Tighten all screws appropriately to secure the ARCA rail to the stock.
3. **Reassemble & Use:**
 - Reinstall the barreled action onto the stock.
 - Your rifle is now ready to mount accessories such as bipods or other shooting gear using the ARCA rail.

Tips for a Clean Installation:

- ✓ Work carefully to ensure holes are centered and properly aligned.
- ✓ Double-check measurements and drill depths before proceeding.
- ✓ Take your time when installing the heat set insert to avoid damaging the polymer.

