



Safety Warning: Before you attempt any installation, make sure your rifle is unloaded. Also, before starting remove the bolt and magazine from the rifle.



KRG
ARCA RAIL

INST-ARC-RAIL

Installation Instructions:

Bravo and X-ray with MLoc side forend slots

(Bravo and X-ray for Rem 700 LA use Whiskey-3 version instructions below)

Method A (mount forend to backbone, then Arca Rail to forend):

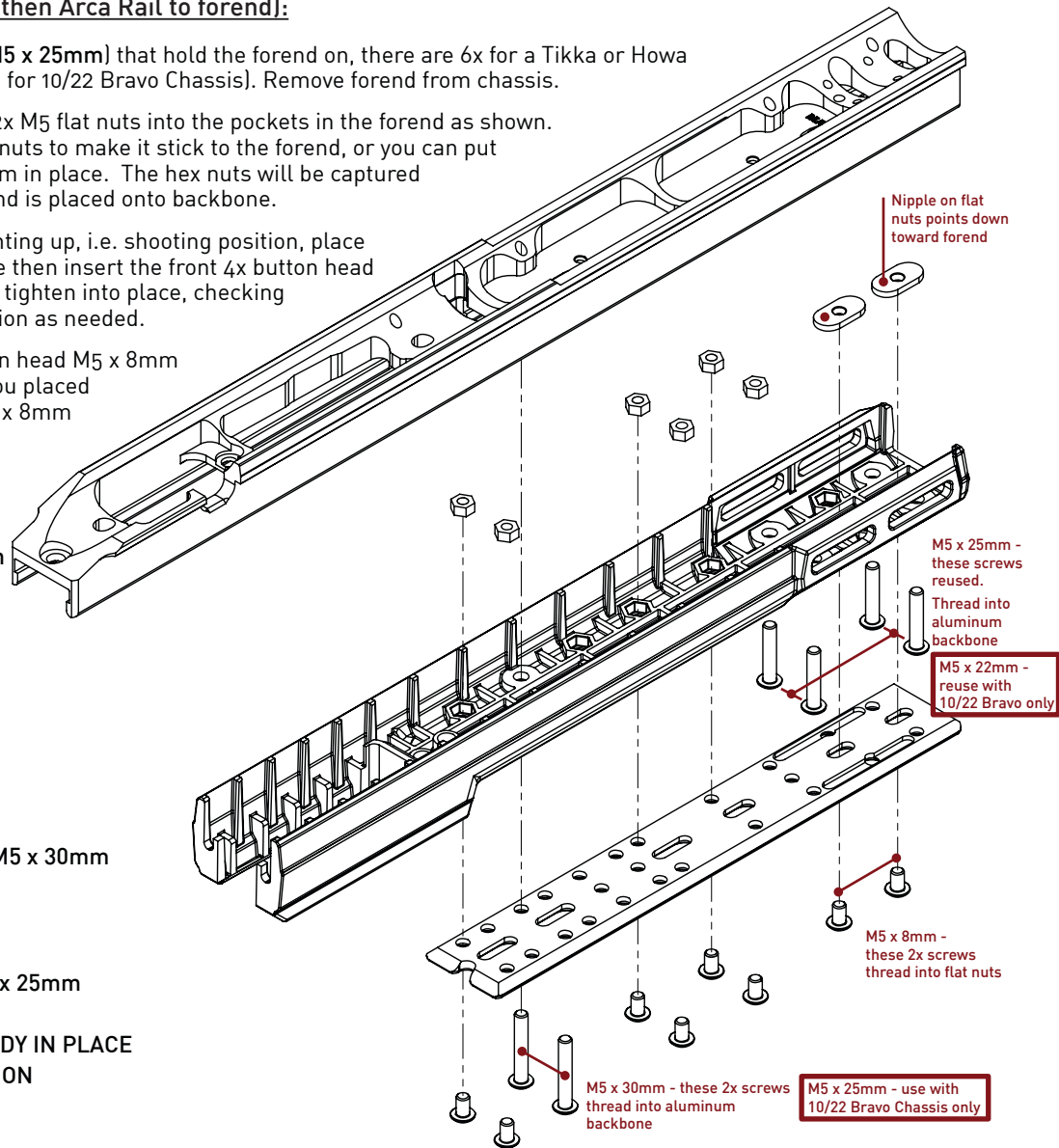
Step 1: Remove the button head screws (M5 x 25mm) that hold the forend on, there are 6x for a Tikka or Howa and 8x for a Remington 700SA (M5 x 22mm for 10/22 Bravo Chassis). Remove forend from chassis.


Step 2: Insert the 6x M5 hex nuts and the 2x M5 flat nuts into the pockets in the forend as shown. Put a dab of grease on each one of the flat nuts to make it stick to the forend, or you can put a small piece of tape over them to hold them in place. The hex nuts will be captured in their pockets by the backbone once forend is placed onto backbone.

Step 3: Keeping the forend with inside pointing up, i.e. shooting position, place the forend back on the aluminum backbone then insert the front 4x button head M5 x 25mm screws through the forend and tighten into place, checking the magazine fit and adjusting forend position as needed.

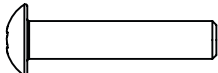
Step 4: Attach the Arca Rail using 6x button head M5 x 8mm screws through the rail into the hex nuts you placed in the forend. Then use 2x button head M5 x 8mm screws at the front along the centerline threaded into the flat nuts, see diagram. We recommend using a small amount of blue Loctite on all screws.

Step 5: Use the 2x button head M5 x 30mm (M5 x 25mm for 10/22 Bravo Chassis only) screws to go through the rail, through the forend, and thread into the aluminum backbone, then tighten all screws.



 **BUTTON HEAD M5 x 8mm**
8 EACH

 **BUTTON HEAD M5 x 30mm**
2 EACH

 **BUTTON HEAD M5 x 25mm**
USE 4 EACH
THESE ARE ALREADY IN PLACE
HOLDING FOREND ON

SCALE 1:1

Method B (mount Arca Rail to forend, then that assembly to backbone):

Step 1: Remove the button head screws (M5 x 25mm) that hold the forend on, there are 6x for a Tikka or Howa and 8x for a Remington 700SA. Remove forend from chassis.

Step 2: Insert the 6x M5 hex nuts and the 2x M5 flat nuts into the pockets in the forend as shown.

Step 3: Insert the 4x button head M5 x 25mm screws through the front holes in the forend that correspond with the threaded holes at the front of the backbone.

Step 4: Capture the 4x button head M5 x 25mm screws by attaching the rail to the forend using the following steps.

Step 5: Attach the Arca Rail using 6x button head M5 x 8mm screws through the rail into the hex nuts you placed in the forend. Then use 2x button head M5 x 8mm screws at the front along the centerline threaded into the flat nuts, see diagram. We recommend using a small amount of blue Loctite on all screws.

Step 6: Place forend/Arca Rail assembly onto aluminum backbone, threading the captured front 4x button head m5 x 25 screws into the backbone a little at a time, alternating between each of the 4x screws until the forend is fully seated.

Step 7: Use the 2x button head M5 x 30mm screws to go through the rail, through the forend, and thread into the aluminum backbone.

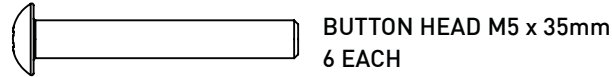
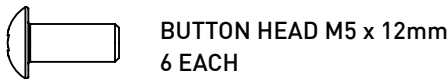
Whiskey-3 Mounting:

Step 1: Remove the front 6x screws that hold the forend onto the backbone from the bottom of the forend.

Step 2: Place Arca Rail into place and install 6x button head M5 x 35mm in place of the M5 x 30mm that were removed for step 1. We recommend using blue Loctite on all screws.

Step 3: Place remaining button head M5 x 12mm screws through rail and thread into forend and tighten, again using blue Loctite for best results. See diagram for mounting positions.

Step 4: If you are having some flex at the rear of the Arca Rail toward the magazine well, you can mount additional screws in the rear-most holes of the Arca Rail. To do this remove the forend and place M5 hex nuts in the appropriate pockets in the forend, then reinstall forend and install M5 x 12mm screws through Arca Rail into hex nuts. See diagram.



SCALE 1:1

X-Ray

(earlier version with minimalist forend/no side MLoc slots)

Step 1: Remove the button head screws (M5 x 25mm) that hold the forend on, there are 4x for a Tikka and 6x for a Remington 700SA. Remove forend from chassis.

Step 2: Insert the 4x M5 hex nuts and the 2x M5 flat nuts into the pockets in the forend as shown. Put a dab of grease on each one of the flat nuts to make it stick to the forend, or you can put a small piece of tape over them to hold them in place. The hex nuts will be captured in their pockets by the backbone once forend is placed onto backbone.

Step 3: Keeping the forend with inside pointing up, i.e. shooting position, place the forend back on the aluminum backbone.

Step 4: Attach the Arca Rail using 4x button head M5 x 30mm screws through the rail, through the forend, then into the aluminum backbone in the positions shown on the diagram.

Step 5: Install the 4x button head M5 x 8mm screws through the rail into the hex nuts you placed in the forend. Then use 2x button head M5 x 10mm screws at the front along the centerline threaded into the flat nuts, see diagram. We recommend using a small amount of blue Loctite on all screws.

Step 6: Tighten all screws.

