



# INSTALLATION GUIDE FOR BRAZE-ON AND SEAT TUBE CLAMP MODELS FOR CX

## IMPORTANT CONSUMER SAFETY INFORMATION

**WARNING: RIDING A BIKE IS DANGEROUS. NOT PROPERLY MAINTAINING OR INSPECTING YOUR BIKE AND ITS COMPONENTS IS EVEN MORE DANGEROUS. IT IS ALSO DANGEROUS TO NOT READ AND FOLLOW THESE INSTRUCTIONS.**

1. DO NOT PERFORM ANY MODIFICATIONS OR ADJUSTMENTS THAT ARE NOT OUTLINED IN THIS MANUAL.
2. INSPECT YOUR CHAIN GUIDE BEFORE EVERY RIDE. INSPECT AREAS FOR ANY SIGNS OF EXCESSIVE RUBBING, BENDING, CRACKING OR OTHER DAMAGE. IF YOU NOTICE ANYTHING ABNORMAL, DO NOT RIDE IT. RETURN IT TO YOUR DEALER OR CONTACT MRP FOR A COMPLETE INSPECTION AND NECESSARY REPAIR.
3. MRP RECOMMENDS THAT YOU WEAR PROPER SAFETY EQUIPMENT EVERY TIME YOU RIDE, INCLUDING APPROVED BICYCLE HELMET. NEVER RIDE AT NIGHT WITHOUT LIGHTS.
4. ALWAYS USE GENUINE MRP PARTS. USE OF AFTERMARKET REPLACEMENT PARTS AND UPGRADES VOIDS THE WARRANTY AND COULD CAUSE STRUCTURAL FAILURE.

**MRP highly recommends that you have your new guide installed by a professional mechanic at your favorite local bike shop. If you have any doubts about how to install your guide, take it to a bike shop. You'll be glad you did.**

### BRAZE-ON MODEL INSTALLATION

1. Measure distance between the center of the BB or crank spindle and bottom of braze-on tab (FIG A). Consult the compatibility matrix (right) to ensure you have your desired compatibility before proceeding.
2. With the guide piece in place and located at the top of the backplate, mount the bracket to the braze-on tab as high in the slot as possible (for best system rigidity). Tighten the mounting bolt to 4-5 Nm.
3. Align the guide laterally by loosening the set screw and adjusting the backplate inboard or outboard as needed. An ideal alignment is achieved when the chainring is centered in the upper guide. Once achieved, tighten the set screw to 1.5 Nm.
4. Adjust the height of the guide within the adjustment slot on the backplate. There should be roughly 3mm of space between the chain and the ceiling of the guide. Tighten the upper guide bolt to 1.5 Nm.
5. If desired position cannot be reached, lower the bracket in braze-on tab slot until desired position is reached (see note, right).

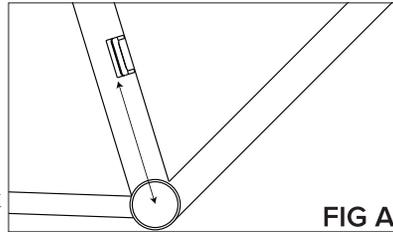


FIG A

#### COMPATIBILITY MATRIX

Measurement (mm)	Compatible Chain Ring Sizes
Less than 116	38-40
116-120	38-42
120-124	38-44
124-128	38-46
128-132	40-48
132-136	42-50
Greater than 136	44-52

**IMPORTANT NOTE:**  
Ensure that 20mm of overlap between braze tab and bracket exists!



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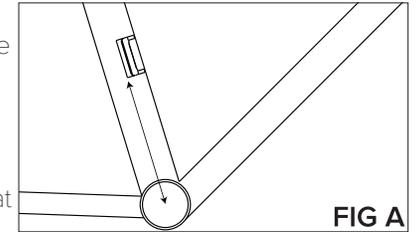


FIG A

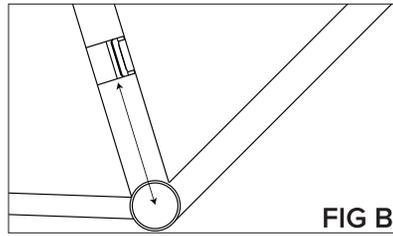
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## SEAT TUBE CLAMP MODEL INSTALLATION

1. Consult compatibility matrix (right) and determine where to place clamp in relation to the center of the BB or crank spindle (**FIG B**). Measurements are taken to the bottom of the clamp.
2. Install the clamp onto the frame and place clamp at height corresponding to your chain ring size. Tighten the clamp bolt to 3 Nm.
3. Install the backplate (with guide piece installed) and bracket onto the clamp's braze-on tab. Tighten the mounting bolt to 3 Nm.
4. Align the guide laterally by loosening the set screw and adjusting the backplate inboard or outboard as needed. An ideal alignment is achieved when the chainring is centered in the guide. Once achieved, tighten the set screw to 1.5 Nm.
5. Fine-tune the height of the guide within the adjustment slot on the backplate. There should be roughly 3mm of space between the chain and the ceiling of the guide. Tighten the upper guide bolt to 1.5 Nm.



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FIG B

For optimal performance, MRP recommends using single-ring specific chainrings - like our Wave™ rings - with the 1x guide.

### IMPORTANT NOTE:

Always test your guide setup in a safe environment. Check for contact between the guide and the chain or chainring and adjust accordingly.

**1x** by

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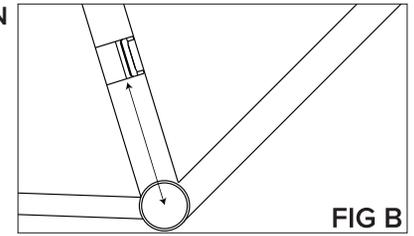
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OR CALL US AT (970)241-3518, WE'LL BE GLAD TO ASSIST YOU!

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