

mrp

XCG

IMPORTANT CONSUMER SAFETY INFORMATION

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

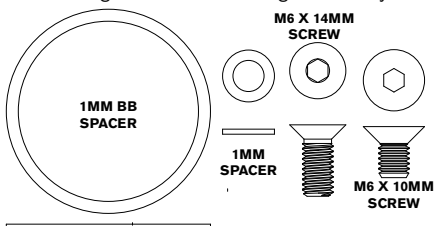
1. DO NOT PERFORM ANY MODIFICATIONS OR ADJUSTMENTS THAT ARE NOT OUTLINED IN THIS MANUAL.
2. INSPECT THE XCG BEFORE EVERY RIDE. INSPECT AREAS FOR ANY SIGNS OF EXCESSIVE RUBBING, BENDING, CRACKING OR OTHER DAMAGE. IF YOU NOTICE ANYTHING ABNORMAL, DO NOT RIDE IT. RETURN IT TO YOUR DEALER OR CONTACT MRP 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 XCG INSTALLED BY A PROFESSIONAL MECHANIC AT YOUR FAVORITE LOCAL BIKE SHOP. IF YOU HAVE ANY DOUBTS ABOUT HOW TO INSTALL THIS PRODUCT, TAKE IT TO A BIKE SHOP. YOU'LL BE GLAD YOU DID.

TOOLS NEEDED:

- Appropriate bottom bracket cup removal tool
- Appropriate crank/chainring removal tools
- 4mm allen key
- BB facing tool (BB mount guides only)

INCLUDED HARDWARE



- ISCG/ISCG-05 MOUNT
- M6 X 14mm Custom Head ISCG Screw X 3
- M6 X 10mm ISCG Screw X 1
- 1mm ISCG Spacer X 9

- BB MOUNT
- 1MM BB Spacer X 1

- SRAM 2X10 BB MOUNT
- ISCG Adaptor X 1
- M6 X 14MM Custom Head ISCG Screw X 3

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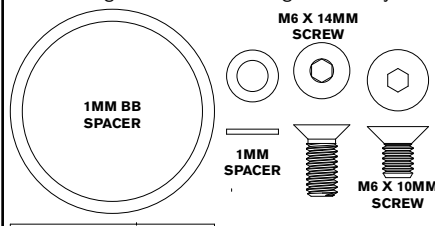
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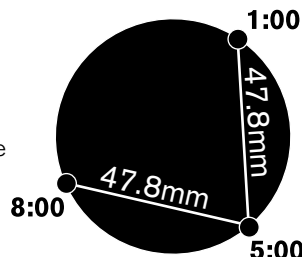
READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING YOUR INSTALLATION

1. Remove the crankset using the appropriate tool.
2. Install the XCG to the frame:

For ISCG and ISCG-05 installation, using a 4mm allen key, fasten the XCG to the frame's threaded tabs using the included M6x14mm ISCG screws. If needed, install the included 1mm spacers between the backplate and the frame's threaded tabs. For triple cranks (or cranks with triple spacing) use spacers if necessary to bring the back of the backplate flush with the face of the BB cup on a 73mm shell or roughly 2.5mm (+/- 1mm) from the face of a 68mm shell. For 2x10 cranks, in most cases, you'll want to space the backplate 2mm (+/- 1mm) outward from the face of the BB shell on a 73mm shell or 4.5mm (+/- 1mm) from the face of a 68mm shell. Use the included M6x10mm screw in the upper mount hole only if required for sufficient clearance with frame. Leave the ISCG screws slightly loose for now.

For BB installation, remove the drive-side BB cup. Install the backplate between the drive-side BB cup and shell. Reinstall the BB cup hand tight for now.

For SRAM 2x10 BB installation, install the included ISCG adaptor ring between the drive-side BB cup and shell. The contoured side of the ISCG adaptor must be inboard and the flat side facing outward (call or otherwise contact MRP tech support if your frame design prevents this). There should be one 2.5mm spacer between the ISCG adaptor ring and BB shell on frames with a 68mm wide shell. On a 73mm shell there should be no spacers between the BB shell and drive-side BB cup - only the ISCG adaptor ring. Position the adaptor so that the threaded holes are located at roughly 1:00, 5:00 and 8:00 relative to the center of the BB and then tighten the BB cup to proper torque specification. Using a 4mm allen key, fasten the XCG to the threaded tabs using the included M6x14mm ISCG screws. Leave the ISCG screws slightly loose for now.



3. Position the XCG so that the rearward of the two skid mounting bolts is at 5:30 - 6:30 relative to the center of the BB. In some cases the front derailleur's cage or frame design may limit this positioning and modification of the backplate with a rotary tool is advised. Once a suitable position has been achieved...

For ISCG, ISCG-05 or SRAM 2x10 BB installation, tighten the ISCG screws.

For BB installation, tighten the drive-side BB cup.

3. Reinstall the crankset. Check that the XCG's backplate does not contact the chain in any gear combination (there should be at least a 1mm gap between the two). If the chain does make contact with the XCG...

For ISCG and ISCG-05 installation, add or remove spacers as needed between the backplate and the frame's threaded tabs.

For BB installation, face the drive-side BB shell by 1mm and install the included spacer between the XCG's backplate and the drive-side BB cup.

For SRAM 2x10 BB installation, face the drive-side BB shell just enough to remedy any contact between the chain and XCG's backplate.

4. Check that all fasteners have been appropriately tightened. Check the functionality of the XCG in a safe environment. If problems arise, start the installation over. If problems persist, visit MRPbike.com and view the "TECH AND FIT INFO" area or give us a call at 970-241-3518.



INSTALLATION VIDEO
AVAILABLE ONLINE AT
MRPBIKE.COM

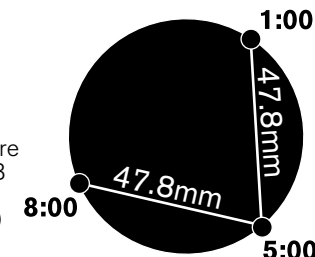
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