

MRP user manual

all-mountain guide v2

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.

TOOLS NEEDED:

- Appropriate crank removal tools
- 4mm allen key
- Torque wrench

INCLUDED MOUNTING HARDWARE:

- M6 X 14mm Custom Head ISCG Screw – 3
- 2.5mm ISCG Spacer – 3
- 1mm ISCG Spacer – 6
- M6 X 10mm ISCG Screw – 1

1

Using a 4mm allen key fasten the guide to the frame's threaded tabs using the included M6x14mm ISCG screws. If needed, install the included 1mm and 2.5mm spacers as outlined in the application matrix. Typical ISCG spacing (assumes tabs are flush with face of BB shell) is 4.5mm for 68mm, 2mm for 73mm, and 2mm for 83mm shells.* These spacers always go between the backplate and the frame's threaded tabs. Use the included M6x10mm screw in the upper mount hole if the threads are not deep enough to accommodate the M6x14mm screw. Leave the ISCG screws slightly loose for now.

**These are recommendations only based on common installations, your setup may vary.*

2



Adjust the guide so that the upper guide bolt is located between 12:00 and 12:30 relative to the center of the BB. Once there, tighten the ISCG screws to 8-9 Nm for alloy backplates, or 5-7 Nm for carbon models.

3



Unthread the upper guide bolt from the captive slider nut and remove the front of the upper guide.

4



Install the crankset and chain. Reinstall the front of the upper guide and upper guide bolt. Tighten the upper guide bolt to 1.2-1.3 Nm. The backplate features laser etching to assist in the vertical positioning of the guide. There should be roughly 3mm of space between the chain and the ceiling of the upper guide.

5



Check that the alignment of the guide is correct. The chain should be centered in the upper guide in the middle range of the cassette. There should be little or no contact between the chain and upper guide while in the smallest or largest cogs of the cassette. Refine this spacing using the included ISCG spacers as needed.

**This will require reversal of the installation steps thus far and restarting at step one.*

6



Check that all fasteners have been appropriately tightened and that there is no unwanted rubbing or contact anywhere in the assembly. On full-suspension installations, remove the air or coil from the shock and fully cycle the suspension to be certain. Check the functionality of the of the guide in a safe environment.

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