

2013 Madone Brake Installation





Front Brake Installation

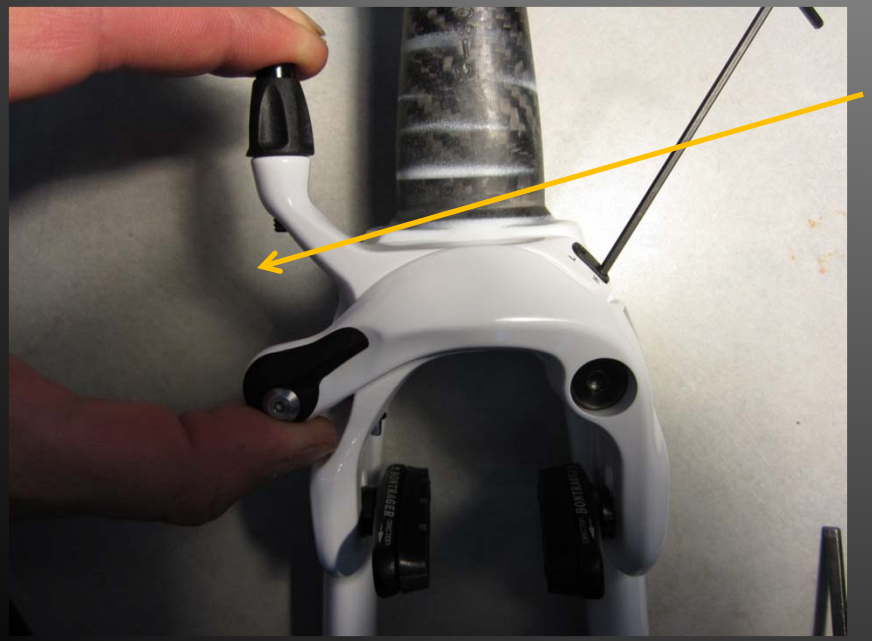
1. Install Y-arm of brake with torque wrench, 6-8[N-m]
2. Neither pivot bolt should be sitting proud of brake arm surface(see step 4)
3. Install C-arm of brake with torque wrench, 6-8[N-m]



Front Brake Installation

4. Using a 2[mm] hex wrench, engage the proper pivot bolt:

H = High leverage (Shimano brake lever compatibility)
L= Low leverage (SRAM)



Adjust the bolt in until the brake arms travel **smoothly** through a full range of motion when engaged as shown, and are roughly centered.





Front Brake Installation

5. With brake quick release closed, engage brake as shown to near-desired pad spacing.
6. Clamp cable
7. Use the same pivot bolt to properly center the brake(using brake levers until rim does not move)

Note: Loctite can wear if brake is centered often, and may need to be reapplied.

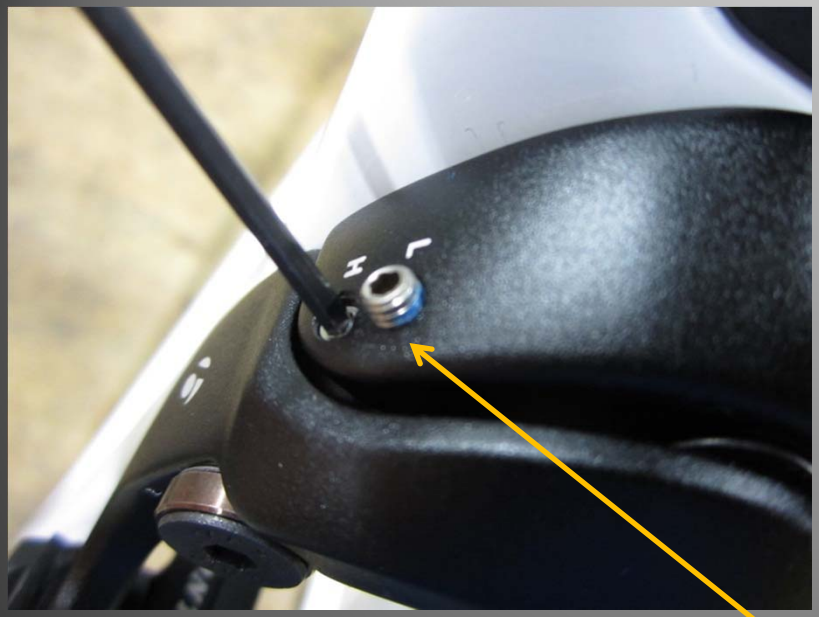
8. Fine tune pad spacing using barrel adjuster





Rear Brake Installation

1. Install Y-arm of brake with torque wrench, 6-8[N-m]
2. Neither pivot bolt should be sitting proud of brake arm surface(see step 4)
3. Install C-arm of brake with torque wrench, 6-8[N-m]



Rear Brake Installation

4. Using a 2[mm] hex wrench, engage the proper pivot bolt:

H = High leverage (Shimano brake lever compatibility)
L= Low leverage (SRAM)

Adjust the bolt in until the brake arms travel **smoothly** through a full range of motion when engaged, and are roughly centered.





Rear Brake Installation

5. If the centering bolt cannot be reached with the 2[mm] hex through the chainring, use the short end to adjust the brake.

Making a designated tool by grinding down the short end of the allen wrench may aid in installation.





Rear Brake Installation

6. Clamp cable and bend cable to avoid interference with crank
7. Use the same pivot bolt to properly center the brake(using brake levers until rim does not move)

Note: Loctite can wear if brake is centered often, and may need to be reapplied.

8. Fine tune pad spacing using barrel adjuster in the head tube quick release mechanism





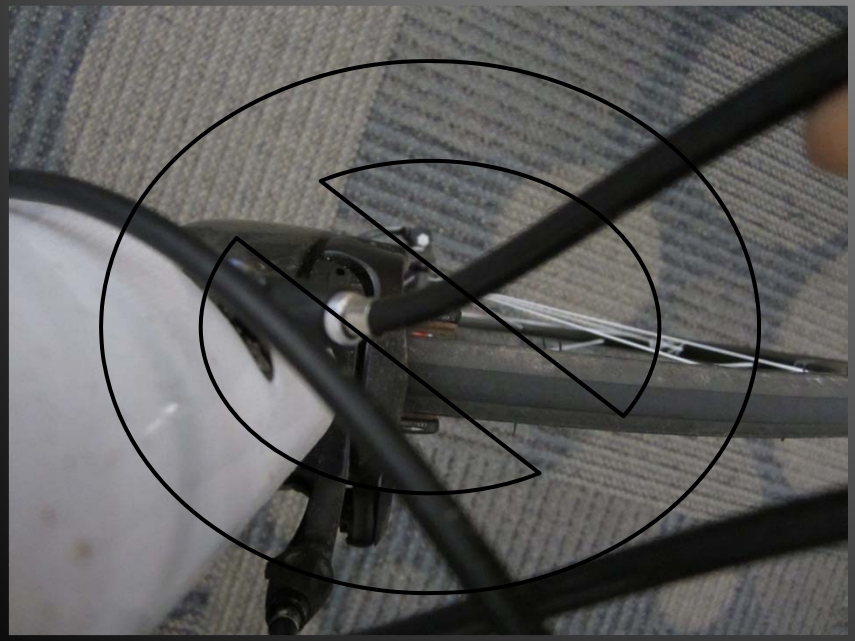
Rear Brake Cable Routing

When cutting cable for rear brake, rotate handlebars 90[deg] until front brake contacts frame, use minimum amount of cable to reach rear brake cable stop/quick release(as shown)



Rear Brake Cable Routing

Quick release functions optimally when cable is aligned as shown above.



Running too much cable will cause improper side loading of quick release mechanism and reduced functionality.