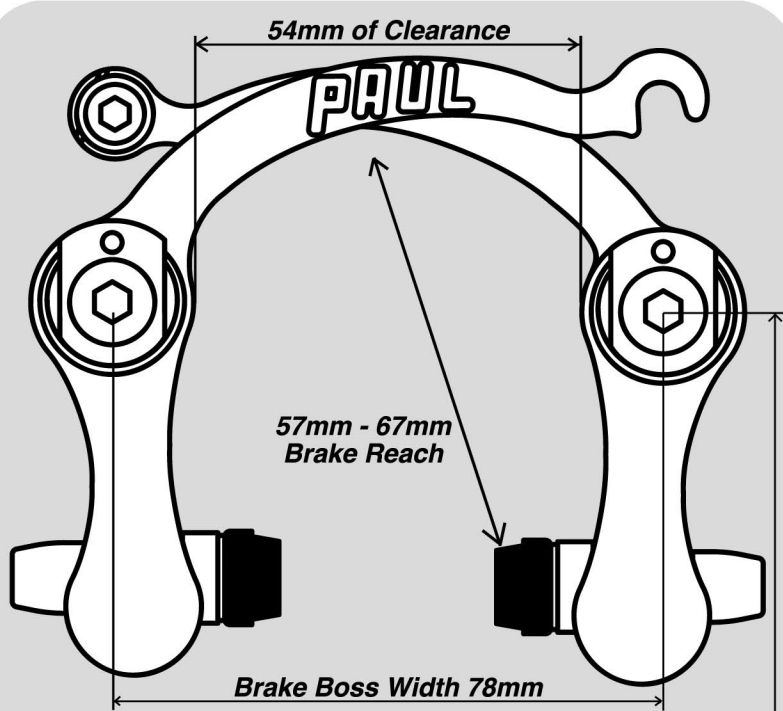


RACER BRAKE

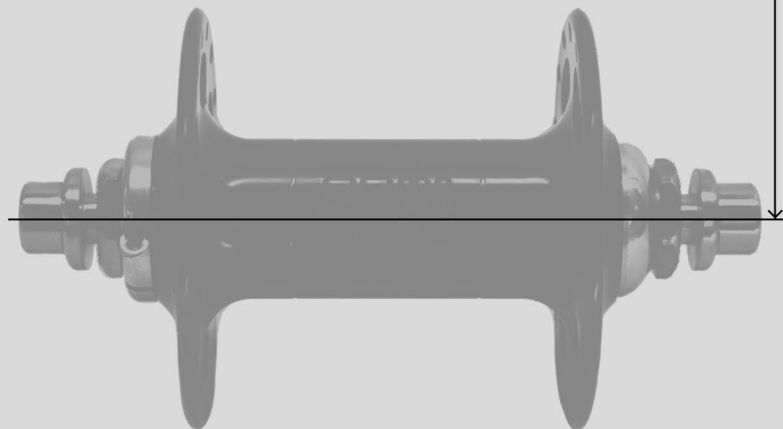
centerpull style long reach brake



The *Braze On Racer Brake* mounts directly to brake bosses on the frame and is much stiffer. It is important to note that it does not mount to brake bosses mounted in a standard cantilever position, nor will it fit on U-Brake bosses.

Framebuilders should refer to the diagram above and the dimensions to the right for information on where to mount brake bosses that will be compatible with the *Braze On Racer Brake*.

Brake Boss Height
(Distance from Axle Centerline)
700c = 353mm
650b = 334mm
26" = 322mm



Thank you for purchasing the PAUL Racer Brake. We here at the plant want to provide you with years of trouble free riding. Please read the following instructions thoroughly before installing your new brake.

INSTALLATION INSTRUCTIONS

Step 1: (for Center Mount Racer only)

Remove the nut from the center mount bolt, insert the bolt into the fork crown or seatstay bridge, and replace the nut. Tighten the nut keeping the brake centered over the rim. (If you do not have a recessed hole for the brake mount nut you will need the *Racer Extra Long Bolt Kit*.)

Step 1: (for Braze On Racer only)

Place the right brake arm (bolt) on the right brake boss. Place the left brake arm (hook) on left brake boss. The gold spring should be on the right, and the silver spring on the left. Then insert the M6x20 brake bolts into the brake pivots and tighten hand tight with a 5mm hex wrench.

Step 2: Remove the nut and outer spherical washers from the brake pads, insert the brake pads into the brake arms, and replace the washers and nuts. The short ends of the pads should face the front of the bike.

Step 3: Using a 5mm hex wrench, adjust the pads flat against the rim and tighten. The pads should strike the rim at a right angle and should not touch above or below the rim's braking surface. Spacers on the pads can be switched around to vary the distance between the arms and the rim.

Step 4: Using a 15mm open-end wrench, turn the spring adjust nuts outward by 45 to 90 degrees and tighten the M6x20 brake bolts.

Step 5: Install the straddle wire and straddle wire carrier. Place the carrier approximately 1 to 2 inches above the brake arms. This distance may vary and is not overly critical. Tighten the cable clamp screw with a 4mm hex wrench.

Step 6: Double check to make sure everything is tight by vigorously pulling on the lever several times.

Step 7: Enjoy!



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