

TECHNICAL BULLETIN

To: SRAM Partners
Subject: Avid_Frame and Brake Vibration_Explanation_UPDATE
From: SRAM/AVID
Date: January 2010

To our valued partners,

SRAM/AVID has become aware that some frame and brake combinations can develop a vibration or resonance in the rear half of the bike.

At this time we believe this issue can present itself in various combinations regardless of frame or brake manufacturer, and not consistently across the same combination of product.

SRAM/AVID is actively investigating all engineering aspects related to this issue. Our goal is to understand and eliminate the issue. However, additional time is required for a complete resolution plan. In the interim, we have several suggestions that have shown promise in eliminating the tendency for vibration and resonance

1) Install any NEW Avid rotor and organic pad set, per caliper; simultaneously.

ROTORS

00.5015.989.010 Rotor CleanSweep X 140mm Grey (includes Ti rotor bolts)
00.5015.989.020 Rotor CleanSweep X 160mm Grey (includes Ti rotor bolts)
00.5015.989.030 Rotor CleanSweep X 185mm Grey (includes Ti rotor bolts)

00.5015.989.070 Rotor CleanSweep X CenterLock 140mm Grey
00.5015.989.080 Rotor CleanSweep X CenterLock 160mm Grey
00.5015.989.090 Rotor CleanSweep X CenterLock 185mm Grey

00.5015.926.000 Rotor G3 CenterLock 160mm (lock ring not included)
00.5015.927.000 Rotor G3 CenterLock 185mm (lock ring not included)

00.5015.549.000 Rotor G3 CleanSweep 140mm
00.5015.549.010 Rotor G3 CleanSweep 160mm
00.5015.549.020 Rotor G3 CleanSweep 185mm
00.5015.549.030 Rotor G3 CleanSweep 203mm

00.5315.022.010 Rotor G3 SolidSweep 140mm
00.5315.022.020 Rotor G3 SolidSweep 160mm
00.5315.022.030 Rotor G3 SolidSweep 185mm

00.5315.002.000 Rotor G2 CleanSweep 140mm
00.5315.003.000 Rotor G2 CleanSweep 160mm
00.5315.004.000 Rotor G2 CleanSweep 185mm
00.5315.005.000 Rotor G2 CleanSweep 203mm

ORGANIC PAD SETS

00.5315.014.010 Disc Brake Pads Organic/Alum, Elixir (1 set)
00.5315.014.020 Disc Brake Pads Organic/Steel, Elixir (1 set)
11.5012.949.000 Disc Brake Pads Organic/Steel, Juicy/BB7 (1 set)
00.5315.001.020 Disc Brake Pads Organic/Alum, Juicys/BB7 (1 set)
00.5315.001.000 Disc Brake Pads Organic/Steel, MY07-MY10 Code (1 set)

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2) Mounting points:

- a) Ensure brake pistons are clean and smooth.
- b) Ensure all mounting points/hardware/bolts are clean and tightened properly.
 - brake caliper to mounting bracket - Torque spec (8-10 Nm / 70-90 in/lb)
 - mounting bracket to frame - Torque spec (9-10 Nm / 80-90 in/lb)
 - rotor mounting bolts to hub - Torque spec (6.2 Nm / 55 in/lb)
 - caliper brake pad pin/bolt to caliper - Torque spec (0.9-1.0 Nm / 8-9.5 in/lb)
- c) Ensure all frame suspension pivot bolts and shock mounting bolts are tightened to proper torque specs. There should be no 'slop' or 'play' in the pivot bushings/bearings.

3) Ensure new organic brake pads are properly bed into new rotors before riding. See procedure excerpt from the Avid User Manuals.

PAD BED-IN

To safely achieve optimal results, remain seated on the bike during the entire bed-in procedure. Accelerate the bike to a moderate speed, then firmly apply the brakes until you are at walking speed. Repeat approximately twenty times. Next, accelerate the bike to a faster speed. Then very firmly and suddenly apply the brakes until you are at walking speed. Repeat approximately ten times.

Important: do not lock up the wheels at any point during the bed-in procedure. Allow the brakes to cool prior to any additional riding.

Additional information will be provided when available.

We appreciate your continued support.

Thank you,

SRAM LLC