

SLING SHOT is a Frame of Mind

The Greendale Bicycle Company was created in 1979 by an inventor named Mark Groendal in Grand Rapids, Michigan. Groendal's original idea for the SLING SHOT SUSPENSION SYSTEM was sparked (in his youth) while riding a broken mini-bike frame. The broken frame "flexed" with the terrain — and the ride was unexpectedly smooth.

Today, eight brainstorming and laborious years later, Groendal and the Greendale Bicycle Company have emerged with the most innovative, race-proven, lightweight suspension frame — a frame that combines an unbelievably smooth ride with the most efficient utilization of pedal energy that today's technology can deliver. There are no compromises made in production of the SLING SHOT — and the bike has steadily gained a sizeable following of devotees who have dubbed themselves "Disciples of Flex".

The 1988 purchasers of high-performance mountain bikes have more technical knowledge and greater demands (and expectations) than ever before. These serious cyclists are recognizing more than ever before that the SLING SHOT represents the cutting-edge in mountain bike technology. It is the only custom-fitted/production model bike. Moreover, the SLING SHOT features the lightest suspension system available. The SLING SHOT comes with a LIFETIME GUARANTEE on the frame. This itself demonstrates the faith that the Greendale Bicycle Company has in this unique mountain bike.

The SLING SHOT also boasts the shortest chainstays in the industry as well as all-slotted cable guides routed atop the top tube. It is an incredibly responsive, low-impact (on abusive terrain) bicycle that delivers precision control "in the clutch". We believe the SLING SHOT is the inevitable "next step" in the evolution of bicycle designs.

The very name SLING SHOT is a well-chosen name for it applies directly to the action (and performance) of the bike. Perhaps one of the most knowledgeable persons in the field of high performance cycling, Eugene A. Sloane, author of the best-selling *The Complete Book of Bicycling* and *The New, Complete Book of Bicycling* has best described the benefits inherent in the SLING SHOT SYSTEM:

"On steep hill climbs, where I am applying a lot of torque and pressure on the pedals, I find the bike seems to me to help itself up the hill. That is, I note that when I press downward, say from the 1:00 pedal position, the frame absorbs some of this energy. As I reach the bottom of the stroke with one pedal and begin another downward power stroke with the other pedal, energy stored from the previous stroke actually comes back and helps push the pedal downward, like an invisible leg.

"I liken this effect to the body English one uses on a trampoline. If you time your strokes just right (and in a short while this becomes automatic) you find hitting just the right moment to press down as the bike springs back at you, just as the jumper times his leap downward to hit the trampoline as its tensioned surface is at a maximum spring-back."

A word about FLEX. There is flex, and then there is the SLING SHOT SUSPENSION SYSTEM FLEX. Our FLEX is a slight elongation of the wheelbase — and has the overall effect much like that of a leaf spring on a truck.



GREENDALE BICYCLE CO.

JOSEPH P. HILL

44500 Highway 101
Laytonville, CA 95454
P.O.Box 601 • Ph. 707-984-8111

"The Bike People with the Unrigid Ideas"



How does the SLING SHOT work?

The heart of the bike is the Kevlar hinge/spring plate located just in front of the seat tube — on the top tube. As a hinge, the plate allows the bike to elongate its wheelbase; and as a spring, the plate maintains proper tension on the cables.

Because the bike is built in two separate sections and connected by the Kevlar hinge/spring plate, each 1988 production model SLING SHOT is custom-fitted to the cyclist's body specifications (height to shoulder, palm to palm, and inside leg seam) to ensure both superior comfort and optimum performance.

The cables, which replace the down tube in conventional bikes, have the simplest job. These cables control the limit of the wheelbase elongation.

The two steel springs located under the bottom bracket dictate the amount of wheelbase extension and create a consistent riding environment.

The springs are custom-fitted to each individual cyclist according to his or her weight. The lighter the cyclist — the lighter the springs, the heavier the cyclist, the heavier the springs. And these custom-fitted springs allow the cyclist to maximize his energy storage, and its release.

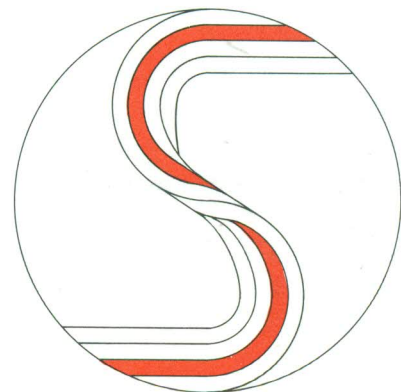
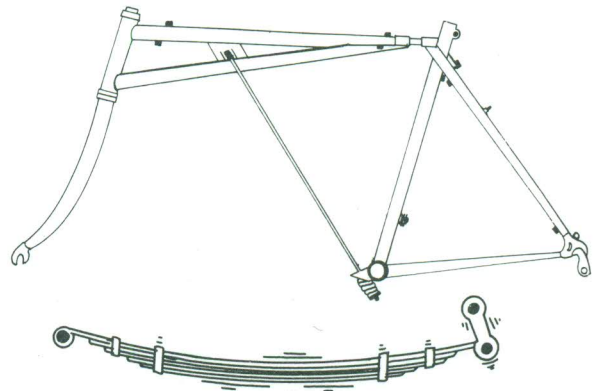
The increasing popularity of the SLING SHOT has enabled the company to establish a new, Northern California-based PRODUCTION AND SERVICE CENTER to serve the West Coast. The center's manager and company representative is JOE HILL: (707) 984-8111. Feel free to contact Joe at any time with questions.

We believe that the SLING SHOT is the "bike of the future", here today — all it takes is the right Frame of Mind.

Look to Greendale Bicycle Company for:

- a production bike personally fitted
- a lifetime guarantee
- the lightest suspension frame available
- the smoothest ride to be found anywhere
- cable guides all run above, a long top tube
- shortest chainstays in the industry
- incredible control of the clutch

and you can find DISCIPLES OF FLEX



Where The Talk Stops. . . And Performance Begins