

MANITOU.

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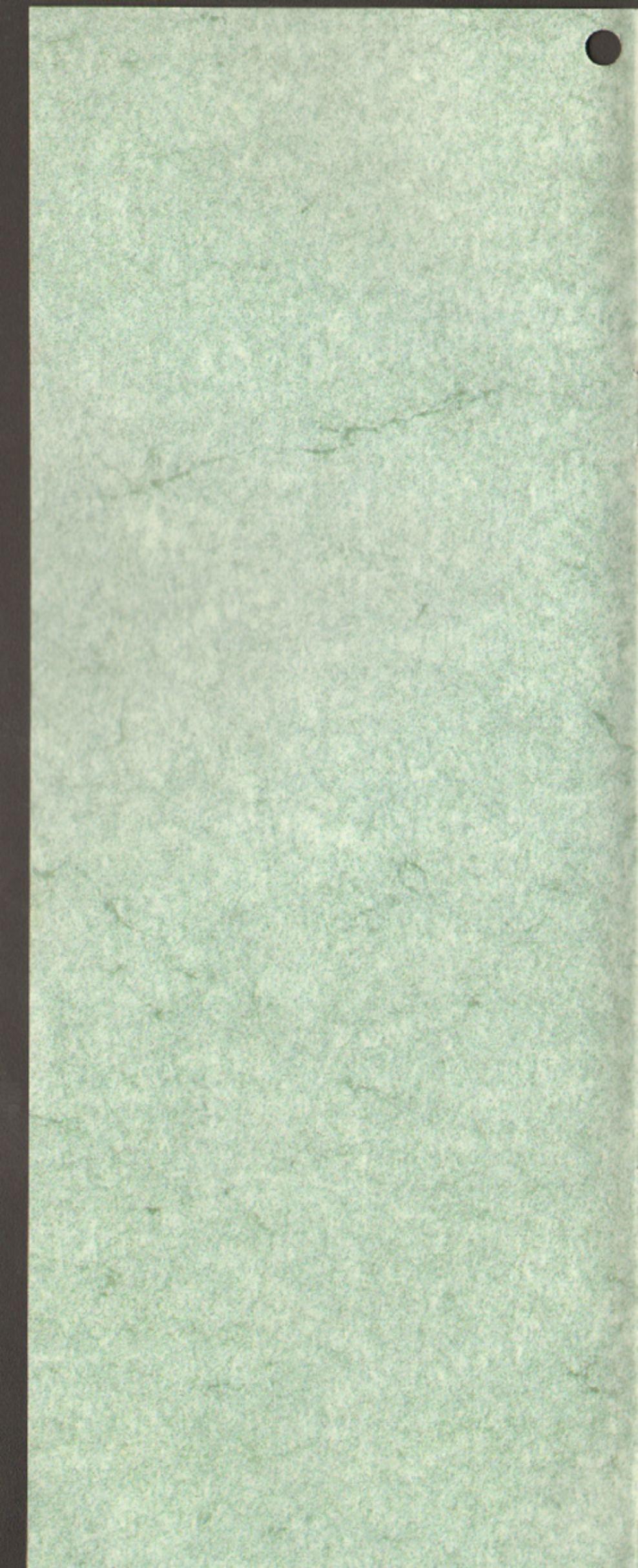
R & M MOTORSPORTS

(604) 276-8666



A
HIGH
PERFORMANCE,
HIGH SPEED,
LOW WEIGHT
RACING
FORK."

—MOUNTAIN BIKE ACTION



IN THE BATTLE TO GAIN A RACING ADVANTAGE, TRUE SUSPENSION SYSTEMS HAVE BECOME THE "ULTIMATE" WEAPON. AND WHILE MANY MANUFACTURERS OFFER A NUMBER OF COMPETING DESIGNS, THEY ARE ALL STRIVING TO ACHIEVE THE SAME GOAL -- TO WIN, BY GETTING YOU FROM POINT A TO POINT B FASTER.

MOUNTAIN BIKING'S GROUND EFFECTS.

EXAMINE YOUR FAVORITE COURSE. WHAT DO YOU SEE? RUTS. WASHES. RIPPLES. OBSTACLES.

THE THEORY BEHIND THE FRONT- END SUSPENSION IS THAT IT ALLOWS YOU, THE RIDER, TO RIDE AGGRESSIVELY STRAIGHT OVER THESE NATURAL IMPERFECTIONS. THE FORKS ACTING AS A SHOCK ABSORBER, GIVING A CONTROLLABLE RIDE OVER ROUGH TERRAIN AT SPEEDS THAT WOULD BE IMPOSSIBLE TO ATTAIN WITHOUT IT.

COMPRESSION, REBOUND AND ALL THAT TECH STUFF.

AS YOU RIDE, THE LOWER END OF THE FORK TRAVELS UP AND DOWN (COMPRESSING AND REBOUNDING) INSIDE THE UPPER PORTION, FOLLOWING THE CONTOUR OF THE SURFACE. TRADITIONAL SYSTEMS, USED ON AUTOMOBILES, MOTORCYCLES AND NOW ADAPTED BICYCLES, USE THE COMPLEX TECHNOLOGY OF FLUID DYNAMICS TO ACCOMPLISH THIS.

**THE MANITOU™ ADVANTAGE;
It's NOT ALL WET.**

DOUg BRADBURY, DESIGNER OF THE MANITOU™ PRECISION SUSPENSION, BEGAN WITH HIS INTIMATE KNOWLEDGE OF HIGH PERFORMANCE MOUNTAIN BICYCLES. AFTER ALL, HE HAND BUILDS SOME OF THE BEST IN THE WORLD.

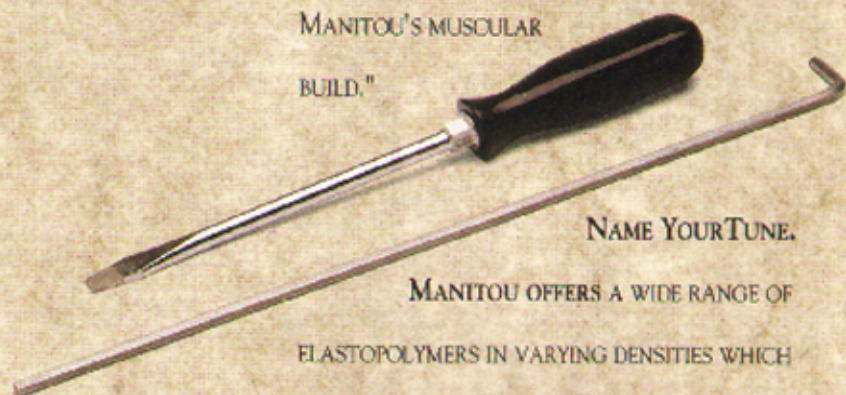
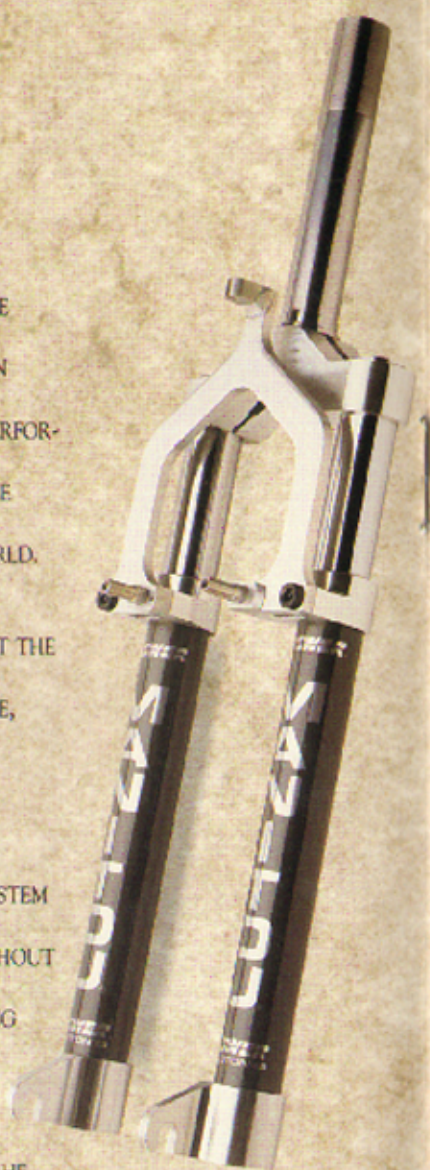
DOUG REALIZED THAT IN ORDER TO SUPPORT THE MUCH LIGHTER WEIGHT OF A RIDER AND BIKE, DIRECT APPLICATION OF MOTORCYCLE TECHNOLOGY WAS NOT REQUIRED. WHAT MOUNTAIN BIKES NEEDED WAS A SIMPLER SYSTEM THAT DELIVERED FASTER PERFORMANCE WITHOUT COMPROMISING ITS STABILITY AND STEERING PRECISION.

DOUG'S CONCEPT BECAME A REALITY WHEN HE DISCOVERED ELASTOPOLYMERS. MATRIXED INTO WHAT LOOK LIKE RUBBER BUMPERS IS A UNIQUE CHEMISTRY THAT DELIVERS SELF CONTAINED FLUID DYNAMIC PERFORMANCE, MAKING AVAILABLE ALL THE ADVANTAGES OF TRUE SUSPENSION WITHOUT THE ADDITIONAL HARDWARE AND MAINTENANCE HEADACHES FOUND IN LIQUID CARRYING UNITS.

WITH ELASTOPOLYMERS TO HANDLE THE SHOCK ABSORPTION REQUIREMENTS, DOUG THEN DESIGNED THE MANITOU WITH EXTRA STRONG 1.125" DIAMETER FORK BLADES TO ELIMINATE THE STEERING FLEX ASSOCIATED WITH OTHER SUSPENSION SYSTEMS. DOES IT REALLY WORK?

AGAIN, TO QUOTE MOUNTAIN BIKE ACTION:

"THE COMBINED SPRING AND DAMPING FORCE OF OUR TEST FORK WORKED WELL THROUGH A WIDE



NAME YOURTUNE.

MANITOU OFFERS A WIDE RANGE OF

ELASTOPOLYMERS IN VARYING DENSITIES WHICH WHEN COMBINED, YIELD VIRTUALLY INFINITE TUNABILITY USING THESE SIMPLE BICYCLE TOOLS.

**MANITOU DOESN'T CHANGE YOUR GEOMETRY,
SO IT WON'T THROW OFF YOUR RIDE.**

UNDERSTANDING HOW IMPORTANT THE OVERALL GEOMETRY OF A BIKE IS, THE MANITOU SUSPENSION IS DESIGNED TO AN OVERALL LENGTH OF 16 IN. OR THE SAME RIDE HEIGHT AS YOUR STOCK BIKE.

THE MANITOU ADVANTAGES.

BUILT INTO THE MANITOU ARE ALL THE ADVANTAGES YOU'D EXPECT FROM A BIKE BUILDING MAESTRO. ONE'S THAT HAVE LEAD TO NUMEROUS NORBA AND UCI VICTORIES AND MADE MANITOU THE CHOICE OF CHAMPIONS LIKE JULIANA FURTADO AND JOHNNY O'MARA.

LASTLY, WE OFFER AN OUTSTANDING

**FULL TWO YEAR FACTORY
WARRANTY** WHICH BACKS MANITOU'S PARTS IN OFF-ROAD USE, AND A SPECIAL **LIFETIME WARRANTY**

ON ALL SEALS, BUSHINGS AND ELASTOPOLYMERS.

THE MANITOU PRECISION SUSPENSION. BUILT BY THE BEST, TO HELP YOU STAY AHEAD OF THE REST.



THE MANITOU™ PRECISION SUSPENSION.

SPECIFICATIONS.

CONSTRUCTION.

CROWN:
PRECISION CNC MACHINED FROM 6061-T6 ALUMINUM BILLET.

STANCHION TUBES:
4130 CHROMOLY PRECISION GROUND TO TOLERANCE PRIOR TO HARD
CHROME AND POLISH. 1.125" DIAMETER.

LEGS:
EASTON 6061-E9 ALUMINUM WITH HARD ANODIZED FINISH AND
PERMANENT GRAPHICS.

ELASTOPOLYMERS:
COMPLEX THREE DIMENSIONAL FLUID DYNAMIC MATRIX.
BLACK: EXTRA-SOFT DENSITY
BLUE: SOFT DENSITY
RED: MEDIUM (STANDARD) DENSITY
YELLOW: FIRM DENSITY
BLUE: EXTRA FIRM DENSITY

CAN BE COMBINED IN ANY ORDER TO CUSTOM DESIGN PROGRESSIVE
COMPRESSION RATES AND DAMPING CHARACTERISTICS OF THE MANITOU
FORK. FACTORY SET FOR 145-180 POUND RIDERS WITH TWO STAGE MEDIUM
DENSITY ELASTOPOLYMERS. INCLUDED WITH EACH FORK ARE 2 SOFT (BLUE)
AND 2 FIRM (YELLOW) SHORT STAGE POLYMERS. ADDITIONAL KITS AVAILABLE.

MEASUREMENTS:
UNCOMPRESSED: 16" (RACE TO DROP)
OFFSET: 1.50"

AVAILABLE SIZES:

85-3000	1 x 5 1/2" STEER TUBE
85-3001	1 x 6 1/2" STEER TUBE
85-3002	1 x 7 1/2" STEER TUBE
85-3003	1 x 8 1/2" STEER TUBE
85-3010	1 1/8 x 5 1/2" STEER TUBE
85-3011	1 1/8 x 6 1/2" STEER TUBE
85-3012	1 1/8 x 7 1/2" STEER TUBE
85-3013	1 1/8 x 8 1/2" STEER TUBE
85-3020	1 1/4 x 5 1/2" STEER TUBE
85-3021	1 1/4 x 6 1/2" STEER TUBE
85-3022	1 1/4 x 7 1/2" STEER TUBE
85-3023	1 1/4 x 8 1/2" STEER TUBE

OPTIONS:

85-3051	SOFT RIDE KIT
85-3052	FIRM RIDE KIT