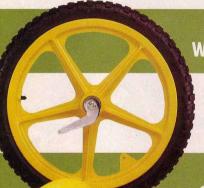




with Troxel's **Trakmaster** Trio



Performance plus Flash

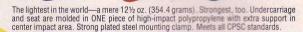


The Wheels



Molded of glass-filled (reinforced) nylon, they're light, but tough enough to stand up to anything you can lay on 'em! Won't bend or break with sharp impact. Color is molded into plastic to last. Rear is complete with coaster brake assembled, front has strong %" diameter axle assembled. Available in sets, ready for tire mounting (tires not included) They meet or exceed all CPSC standards.

The Seats





The Pads



For bar, frame and stem, are super-shiny, high gloss vinyl over thick, shock absorbing foam padding. Strong snaps fasten securely.

All three color-matched in red, yellow, blue, black and available now at your bike dealer



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TROXEL MANUFACTURING CO., MOSCOW, TN 38057

# 



**JULY 1980 VOLUME FIVE** NUMBER SEVEN











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**JULY 1980** 



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protection when gettin' crazy

looking, quality workmanship

and an affordable price make

this BMX glove tough to beat!

Available in all adult and

white and yellow.

children's sizes. Colors are red, white and blue or black,

This blazin' hot glove was

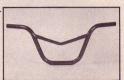
racing and offers super

or just cruisin'. Stylish

Protect those vulnerable parts from the radical action of BMX with the latest in total face protection. Featuring quick-change snap-on lense and five dazzling colors. The special open-cell foam filters out dust.

#### RED LINE V-BAR REPLICA

Probably the last pair of bars you'll ever buy. Reeks of sano construction and quality. Willing and able to handle anything you throw at 'em. Totally hot colors available: red blue and chrome Manufactured by the Cebe Co.





#### XCALIBER SEAT POST

Sano new one-piece seat post clamp, made of anodized 6061-T6 aluminum. Available in three hot new colors: gold, red and blue:

CLAMP



The perfect pad when gettin'

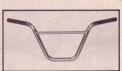
rad, with zillions of rad colors

too! Manufactured by Johar of

California, Gnarly, ain't it?

#### RACE INC. ALLOY BARS

They are constructed of 6061-T6 aircraft-qual aluminum; heli-arc welded. They come in four size rises; 3, 6, 7, and 8 inch. The bends, angles, and rise have been carefully calcu lated for max power. They come anodized red, gold, blue, and silver.



#### FLUTED SEAT POST

Can take the pounding of fast paced moto-xing and can handle it. (Meets CPSC marking requirements.) Gnarly colors too: red, blue, gold, black and silver. 16" and 12" lengths and 7/8" and 13/16" diameters available in bullet-proof 6061-T6 aluminum. Manufactured by VD Products.



#### SLIM LINE STEM

Boss lookin' and primo construction make this stem a stand-out from the rest. Dyno lookin' colors: gold, red, blue and chrome. Manufactured by the Cebe Co.



like smoker hub, 'cause these hubs will help you blaze on the comp. Maintenance-free grade 100 nichrome precision sealed-bearing. So cool colors too: so-red, so-blue, so-gold



#### ACS STOKER HUB

Stoker hub? Should be more and silver.





#### ADDICKS SEAT POST CLAMP

Supreme trickness from Addicks; a chrome-moly seat post clamp with a molded-on coating of Zytel nylon. It has bulletproof bolts, state-of-theart engineering, and eyeball catching design. Available in red, blue, black, and yellow. Addicks makes 'em light and strong for hookin' it on'

#### FINISH LINE GRIPS

This grip from Neal Enterprises sounds like a winner already. When gettin' gnarly you need something to really hang on to and the Finish Line Grips are made of a new rubber-like material. Available in four blazing hot colors: blue, red, black and yellow.

Find all this race winning equipment at your local bike shop. If he doesn't have it, tell him to contact his distributor. Distributors only contact Alan F. Cohan Co.

# Competition II now prepares you for the Great Indoors.

You can shave off the knobbies. You can smother it in hairspray. No matter how you cut it, slice it or talk to it, though, an outdoor BMX tire was made for dirt tracks.

Nothing but the Mitsuboshi Competition II Stadium Tire knows how to perform on an indoor track.

#### You've got special needs.

The BMX'er who heads indoors for the winter will find a new challenge. Smooth. slippery, unyieldingly hard, paved cement tracks and wood jumps. The stuff that reduces softer outdoor tires very quickly to mush. When you're riding to win, you need a tire that's solid but flexible, easy to control with maximum traction. Mitsuboshi knows your needs and now builds the BMX tire built for the Great Indoors. The Stadium Tire.

The solution is the design.



story. The high density nylon cords. Not steel. Not fiberglas. NYLON. It keeps the overall weight light, increases the strength of the sidewall, and decreases energy loss. Ride 'em hard ... they've been tested to take it.

Next, an exceptional rubber compound that's

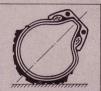
flexible enough to

get down to the ground and grip!

Competition II's won't slide out
from under

And because the strength of the rubber lessens abrasion of tire treads, you needn't fear calling it a hairy day due to bald tires.

Now take a closer look at that profile. Mitsuboshi changed the shape of high performance Stadium Racing, with the Comp II tire. That extra slope and the unique tread design get more surface into the turns.



There's less rolling resistance on the straights. Maximum traction at take-off. And don't wait too long to feel how beautifully Comp II's handle!

#### Your track record must improve.

Finishing races is the first step to winning trophies.
Armed with the tires that are as tough as you, you know that your track record has got to improve.

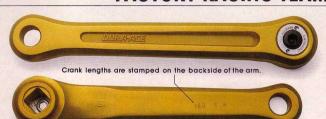
So rack in the points and get there first on Competition II's Stadium Tires. Built for the Great Indoors of BMX.

Available in sizzling tread colors: red, blue, yellow, black; 20"x2.125" and 20"x1.75".

MITSUBOSHI FOR THE GREAT INDOORS

# SHIMANO BY

#### **FACTORY RACING TEAM TIPS**



# The Myth of the Long Crank.

How do you crank up a storm without cramping your style?

It seems a lot of riders figure that the longer the crank, the faster the start. Wrona.

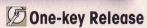
There's some logic there, though. Lengthening the crank arm will give you more leverage for that critical starting gate stomp. But if it's more torque you're looking for, you should try out some



Dura-Ace cranks are available in 160, 165, 170 and 175mm lengths.

We do use different length cranks for track-to-track fine tuning, but the real reason for different size crank arms is different size riders. A good example is our Dura-Ace light alloy 160's. Now when little Chris Allen joined the Shimano Factory Team his leas were just too short to "spin" a standard 170mm crank. That means that by the time the pedal reached 6 o'clock, Chris' leg straightened out and his foot was just going along for the ride. So we switched him to 160's. The shorter stroke meant the Allen boots could kick dirt right around the clock, or at least as long as his lungs held out.

The moral of the story? Choose your crank length to match your height, not your ego. We make them in a size to fit you. And we got 'em in colors, too.





Up-date your Dura-Ace or 600 cranks with our One-key mechanism

If you're one of the hotshots fiddling with crank lengths, or just looking for an easier system for bottom bracket maintenance, this tip's for you.

Shimano EX series One-key Release fittings can be incorporated into standard Dura-Ace (and 600) cranks.

The simple conversion means positive, convenient removal and mounting using one allen key (6mm)...no more special tools. Ask your moto shop dealer.



No brake works worth beans if you don't take care of it.

Even perfectly set-up brakes can lose their edge with hard racing, fast down-hills and an occasional nurd dumping right in front of you.

Shimano Tourney alloy sidepulls are the brakes for you. Tourney motocross brakes use light alloy arms and our exclusive Chevron shoes for stopping power to match your speed. And the Tourney can be precisely adjusted for peak braking efficiency.







Figure 2

Figure 3

Fine-tuning starts with centering the brake for equal rim clearance on either side. (Fig. 1) You should also check to see that your wheel is perfectly true. Next align the Chevron brake shoe, arrows pointing back, for maximum rim contact. (Fig. 2) The knurled fitting (Fig. 3) and thumb screw is a cable adjusting barrel, and by turning it counter-clockwise you can compensate for brake shoe wear without re-adjusting the cable



Get a good grip on your lever with proper positioning.

Lever positioning is critical, too. The alloy "bent" lever Tourney is angled for a comfortable, strong grip, but must be positioned to match the size of your hand.

Using the popular, pro-style twofinger grip, make sure the open lever is just above the middle joint of your index and middle fingers.

This is really a trial-and-error adjustment, so take some time and slide the lever up and down a bit before locking it in place.

Need to know more about the components that make your bike competitive? Want to find out about the latest in Shimano Factory action?

Join the Shimano Motocross Club and get "On the Pedals," our club newsletter. Write today for complete details.









#### NEW!! JT BMX POWER PANTS™ —

Features built-in shin quard, original "calf-wrap" system, and striking

70-271	JT rear logo
	Name on rear\$2.50/letter
	JT front leg logos \$4.00/each
70-279	Name on Front ( 4 letter limit) \$2.50/letter



#### → JT DIRT DIGITS —

Trick and colorful and numbers come in Black/yellow, Black/red, White/red, solid white and solid black. (In paks of ten) Specify number and color . . . . . . . \$7.00



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19 Super-Trick stickers	
Only	\$3.05



J	T BOL	rs –	
Specify C			\$ .95
05.201			\$1.50



▲ JT HARO LEVER —

▲ JT BMX GRIPS — The perfect match for the new Haro levers. the JT grip is especially designed for a sure grip and positive control. Red, Black,



#### ▲ JT HARO PLATE

New two-fingered brake lever from JT is available in red, yellow, blue, or The hot new set up for the trick track Specify Part No. and color . . . . \$9.95



#### ▲ JT WONDER WALLETS

Fantastic, colorful and washable Available in colors shown. Only ......\$8.25



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RAINBOW JERSE

32-154 Spectacular new

racing jersey is made of 100% cool cotton and







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▲ JT TEAM SCREEN Fully adjustable in four color combos. Black/Yellow, Blue/Yellow, Red/Yellow and Red/White

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# Rough and tough and ready when you are.



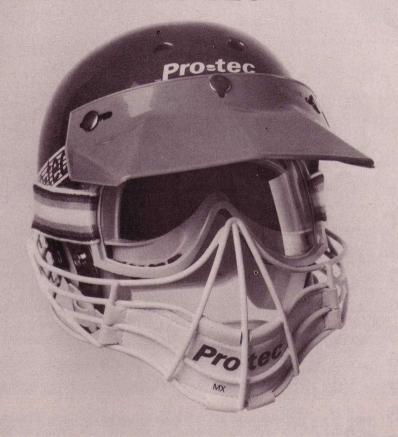
There are six Hawks in the series, with a variety of custom features; from dirt-grabbing, knobby wrap-around gum walls to a 2-speed internal hub shift that can help you get the "Hole Shot."

Check them out for the one that's right for you. They're all just waiting for a rider who's ready to rip.



The Hawk BMX series from AMF.

# from PRO-TEC



# The Professional MX Faceguard

It has no equal; it's made of steel.

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Quite simply, it protects like no other faceguard.

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# EDITORIAL BY BOB OSBOR

Hey, Oz. Long time no see! Old Injun saying. But enough with the small talk. Are you gonna stick your foot in your mouth again and predict who the top ten NBA plateholders will be at the end of the year? Didn't think anyone remembered, did ya?

than dirt if you remember my first "Foot in Mouth NBA National Top Ten Predictions." That was over two years ago! Ancient history.
Tell you what . . . because things

va? so Qu Erick Weinstetter The Keystone Kid" It's ing, Pennsylvania

Too fast, Makes errors that cost. Needs to back off a hair.

Extremely strong on smooth surfaces. Loses concentration

on radical tracks. Missing nationals.

would get awful dull around here if somebody wasn't frosted at me for something . . . I'm gonna do a Quickie Top Ten Pro Prediction. This will be non-denominational. It's just who I think will be the big overall money winners by the end of 1980 regardless of sanctioning body.

#### OPEN MOUTH, INSERT FOOT

DENNY DAVIDOW

ANTHONY SEWELL

"The Keystone Kid" Washington Crossing, Pennsylvania

Hey, Keystone, you must be older

THE WIZ'S QUICKIE TOP TEN PRO PREDICTION FOR 1980

#### The Businessman. Coldly professional. A machine. GREG HILL RED LINE Peak physical condition. BOB WOODS **ROBINSON BACING** Totally fast. Always psyched. Fresh. Peaked last year but still stronger than anyone. STU THOMSEN RED LINE Needs new motivation. FRANK POST PANDA The Wild Man. Improves with every national. 5 PERRY KRAMER SE RACING Has always finished high. Will finish in the bucks in '80. 6 CLINT MILLER TORKER Will surprise everyone. Strong. Fast. Motivated. Style and finess. Resembles Bottema in his heyday. JOHN CREWS RED LINE Most improved rider I've ever seen. 8 SCOTT CLARK ROBINSON RACING Peaked last year. Needs re-psyching. Always super fast.

NOTES: Kevin McNeal (RRS) could be well up in the placings but he's developing an outlaw reputation . . . involved in too many crashes. Probably unintentional, but . . .

TW RACING

JAG

Greg Esser (MCS) could be well up there but doesn't make enough NBA and ABA nationals. Should spend a year in the West. Strong. Fast. Colorful.

Stanley Robinson has the potential to be up towards the the top. Was recently booted from the Mongoose team. Has become a guestion mark.

Jeff Ruminer (Red Line) is smooth, strong, fast, consistent, and always finishes third. But the money adds up. Could be in top ten.

In a short time we've left our mark

# Cycle Pro Snake Belly

In virtually every MX track throughout the world, you'll see this famous Snake Belly tread pattern. Cycle Pro in conjunction with National Tire Company, Ltd., the leading tire company in Japan, has developed this unique tread design which is self-cleaning, unbeatable on the straight-aways and corners like no other tire. Combining these qualities with the finest rubber available anywhere results in a tire which lasts longer and performs better.

Cycle Pro was not only the first to introduce this now often imitated tread

pattern, but was also the first to introduce a MX skin side tire in colors—red, blue and yellow.

We are happy to announce this Snake Belly tire is now available in a medium priced black wall.

Snake Belly tires really work best. Insist on Cycle Pro.

Cycle

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PETTEE CYCLE SUPPLY CO. 2875 S. Santa Fe Drive Englewood, CO 80110 (303) 761-7383

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**AVOCET** TALKS ABOUT GETTING TOUGH.

The moment both hands are wrapped tightly around the bar gribs and your feet are positioned on the pedals . . . it's time to get tough.



Are Also Available With Standard Bearing Races

#### What Is Tough?

nterval training is tough. That's when you =-I nterval training is tough. That's when you start at the bottom of a hill and sprint up it for just over 100 yards at 85% effort. Turn around. Come back down and do it five or six more times. And if at the end of the sixth or seventh sprint you aren't a little weak and a bit delirious then you weren't tough enough.

World-class cyclists on race tracks know how important interval training is. It's one of the best methods for preparing

your mind and body for the toughest competition. Tough is also making sure that your diet consists of only the finest, nutritional food stuffs, eliminating any and all junk food

that can contaminate your body. And tough means getting plenty of rest throughout the week.

#### Why All The Concern For Your Body?

Avocet engineers know that the cyclist is the most effective component on any racing machine. Manufacturing the finest racing equipment in the world is to no avail if the cyclist is in poor condition. Avocet wants you to be able to actually feel every design advantage of their BMX Racing Components as you get tough on training courses and race

#### Your Body Should Be As Tough As Avocet's BMX Racing Hub Design.

Avocet's BMX Racing Hub is a prime example of a real tough racing component. Absolutely no excess weight. Every gram of material provides designed strength able to withstand endless punishment over rocks, through thick dirt and water. No other hub on the market features the certain strength of a singlepiece, cold-forged alluminum alloy hub shell plus the absolute cleanliness of sealed bearings. These ultra-fine, polished bearing surfaces guarantee a maximum return on your muscle's invested effort.

#### Avocet Is At The Top And Very Tough.

Avocet's design group is in close contact with many world-class cyclists who got tough and climbed to the

These very riders work with Avocet's engineers to design equipment that will help them stay at the top. Around the world, Avocet has become a well-respected name in the international racing scene. So get tough. Avocet is at the top waiting for you.

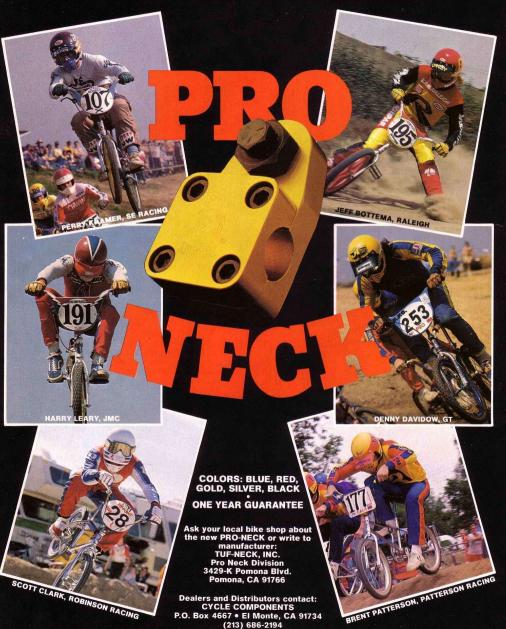


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## THE NEW KING OF KINGS

STRONGER THAN EVER WITH A CHROME-MOLY STEM



# **DEAR WIZ**

Unafraid, we herein solicit social comments, remarks about articles, suggestions, assorted drivel, or whatever.

#### MILDLY INTERESTING NOTE

Do you have something of monumental importance to communicate? A social contribution to make? A poem? A drawing? A hot photo? Criticism? Drivel?

Well, this here's the place, sports

The only problem is that we get tons of mail every day, so the Law of the Jungle applies: Only the best make it. But we still read every single one of 'em, and I'll tell you, we get some high zoot letters. You people are pretty cool.

Anyway, if you want to shoot us a line, here's the address:

BICYCLE MOTOCROSS ACTION
Box 5277
Torrance, CA 90510

#### WIGGLY QUIGLEY

I was wondering if you could use this photo of Tim Quigley in your magazine?

Sharon Quigley Missouri City, Texas



Tim Quigley

Is that the best he can do? Only a turned-down tabletop higher than the roof of a house? Sheesh.

#### QUICKIES

Did you know that ten issues is the same as tennis shoes?

Brian Parr Clarksville, Maryland

Jesus loves BMX.

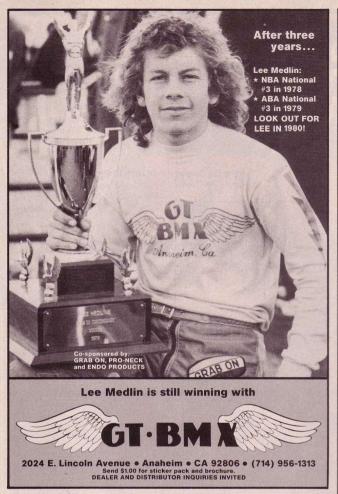
Jerry Goodman Houston, Texas

How about an advice column on starting, middling, and finishing?

J. Pass Foster City, California



JULY 1980





Your mag is the BMX scriptures.

Justin Bourke Hampton, Melbourne Australia

I have to tell all you people out there that one of the neatest jobs at Wiz Pubs is reading all the "Dear Wiz" letters that come in. And one of the hardest jobs is picking which ones to run. We get some class mail at this place. -Oz

#### **DUMP THE STUNTS**

This letter refers to your article in the April issue dealing with stunt riding ("The King of the Skateparks, Tinker Juarez"). Cook Bros. does not condone stunt riding with BMX equipment. Our effort in the BMX field is RACING, not circus acts. Furthermore, we feel these stunts should not be exposed to the vounger riding public.

Tinker may know how to jump over five cars end-on-end and land on both wheels, but a less experienced, impressionable voung rider may not be so lucky. Let's get back to racing and leave the clowning around to the circus.

> Gary and Craig Cook Cook Bros. Racing Santa Ana, California

Hmmm. I think we may get a few comments on this letter.

As for yours truly. I'll vote for "stunt riding," as the Cook Bros.

Kids are going to blow off a certain amount of steam. This is a leadpipe cinch. The only question is, will their outlets be physically and mentally healthy or unhealthy?

Stunt riding improves strength, coordination, endurance, timing, and confidence. And it sure beats some of the options our kids are faced with, like dope and vandal-

I don't know how everyone will take this, but I've told my kid many times over the past few years that I'd far prefer he come home with a broken arm from BMX racing or trick riding than with a dope habit or police record.

continued on page 23





For years, Lester "Mag" Wheels have set the standard for high performance motorcycle wheels. Now, you can put Lesters, synonymous with precision, quality and high performance, on your BMX bicycle.

Lesters are cast lightweight aluminum alloy for maximum strength and safety. There is no doubt about it. With Lesters on your BMX bike, you'll have the hottest wheels on the track or on the street.

SHARP APPEARANCE: Lester "Mag" wheels look great. When it comes to

color and finish, no one comes close to Lester.











And they stay lookin' good, because they're easy to clean. They say "Class."

CONTROLLED RIGIDITY: Lester's alloy casting and precise construction results in a perfectly round wheel - one that stays round and will not bow or flex under stress or when cornering. In other words, Lester's allow you (not your wheels) to control the bike. RIM CONTOUR: Lesters have proven motorcycle rim contours for complete and positive









tire seating. It's virtually impossible to unseat a tire from a Lester wheel - even during impact. Lester's wider rim provides for a greater tire footprint on the ground, improving traction during acceleration and turns, too. And Lester's exclusive drop-center rim design allows a tire to be easily mounted.

WEIGHT: Lesters are light. There is little weight difference between Lester light - weight aluminum alloy wheels and spoke or plastic wheels. But there is a lot of difference in strength, rigidity, and ruggedness for that extra ounce or two of weight.



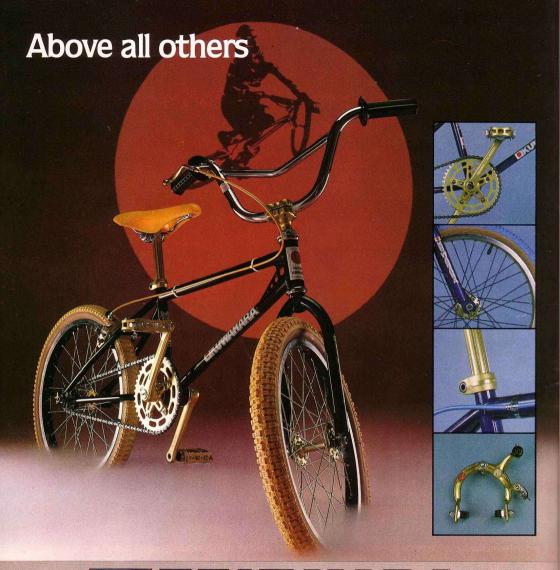
OTHERS

LESTERS

Here comes Lester. You can't ride on a better wheel.

NEW IDEAS...Look for Lester's advanced engineering to be introducing new models with freewheel (to be used with caliper brakes) 2-speed internal hub and exciting all new design. Lester is the name that stands for the ultimate in mag wheels.

Lester Wheel Co. A Division of ITT Lester, Inc. 26881 Cannon Road Bedford Heights, Ohio 94146 (216) 439-7200



When your shooting for the top, start with a bike that's already there, KUWAHARA. This precision racing machine begins with a tough chrome-molly frame and fork. It's loaded with the hottest parts around, Sun-Tour stem, hubs, seat clamp and V/X crankset, Dia-Compe MX 1000 brakes with micro-adjuster and guick release. Redline V-bar, KKT Lighting alloy pedals, Ukai shinny-side box rims, alloy seat post and Taihei Elina nylon seat.

The KUWAHARA will make you look like a winner too. with a beautiful black, blue or white finish and super

clean matching anodized alloy equipment.

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### DEAR WIZ

continued from page 18

So far he hasn't come home with any of these. And he spends hours each day riding on a half-pipe and practicing tricks. And he fairly well hangs it out, too. -Oz

#### **ICONOCLASTIC DISQUISITION**

Salutations. I deem that your pamphlet labeled BICYCLE MOTO-CROSS ACTION signifies genius lying in the range of disguisition attributed to iconoclastic epics of demented cyclemen. Furthermore. the supplementation of cruisers to your circular has whittled at your eminence for being the paramount bicycle motocross publication.

> Mitchell R. Olson Salt Lake City, Utah

I'll bet this guy spent eight hours with his Funk and Wagnalls to write this letter. I just spent six with mine and I still don't know what he said.

#### **BANANAS OVER HANNA**

I saw the picture of Kathy Hanna in your April issue and, man, is she cute! I mean, she can ride my Red Line anytime!

> Ron Dillow Elgin, Illinois

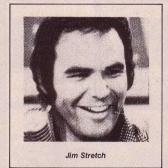


10? 121/2? 20?

**JULY 1980** 

Howz about some info on Kathy Hanna. You boyz only gave her a 10. I'd say she's at least a 121/2. Oh, I am also including my picture.

> Jim Stretch East Lansing, Michigan



Kathy Hanna could take Bo Derrick's place, no sweat!

> John Bruce Houston, Texas

Kathy Hanna is a total F-O-X, wa wa wa!

> Ben Miller Lincoln, Nebraska

P.S. Good luck to the guys on the Trick Team!

Kathy Hanna is the best sano lookin' babe I ever did see. She's not a perfect 10. She's a 20!

> Chris R. West Palm Beach, Florida

Kathy Hanna is the Farrah Fawcett of bicycle motocross. If she's interested in a 15 year old, dark haired, six foot Italian, give her my

> Ed "Crash" Davis Marlton, New Jersey

You guys think Kathy's a fox, you ought to see her older sister! On an 0 to 10 scale, Kathy's sister would go about a 25! Wa wa wa!-Oz



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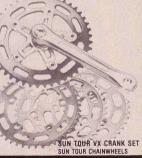


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> Chris Saulnier DDD Racing Club Waltham, Massachusetts



Mark Hason, Chris Saulnier . . . DDD Racing Club.

Jeez . . . I don't know how to tell you this, Chris, but (sniff) Moto Cat is history. He bailed on us. All because of the demon catnip . . . and loose women cats. Yes. Chris . . Moto is now a (heavy sigh) catnipoholic, living down on Kitty Skid Row. Oh, it's just too terrible to talk about. But I'll see that he gets the catnip you sent. I guess it doesn't matter now.

By the way, what are you guys doing in the picture? -Oz

#### **HELLO? WHO? STU?**

I am writing to you about something that really made me feel great. It started when we were planning to go to the Rondo/Mongoose race on March 22nd in Minnesota. I was so excited to be going!

Can you believe that I came down with the Chicken Pox! Some of my teammates were going and I was bummed out the whole weekend knowing that they would get to see all the Pro's, especially Stu Thomsen, and I wouldn't get to.

So there I was on the night of the race, lying on my bed reading your latest mag and bummed out. But then the phone rang and I got up and answered it with a real low hello. continued on page 95

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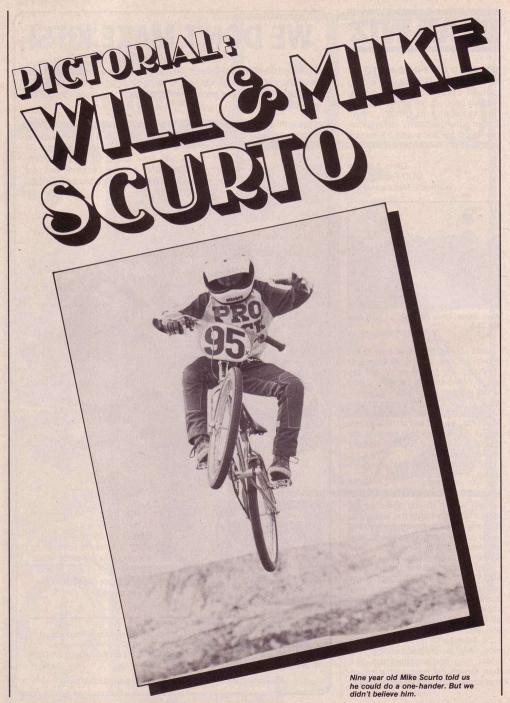




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**JULY 1980** 



**MIKE SCURTO** PERSONAL GEAR Electro Pro full-face helmet Hallman Crosspeak visor BW nylon jersey JT pants JT gloves Van's high-top tennies SKOOT GT-BMX chrome-moly frame GT-BMX Junior chrome-moly forks Race Inc. 3 inch rise aluminum butterfly bars Pro-Neck double-clamp stem Oakley II grips Tange headset
Dia-Compe rear caliper brake Dia-Compe brake pads Dia-Compe pre-bent brake lever Dia-Compe brake cable Shimano Dura-Ace 165mm aluminum pedal arms Shimano Dura-Ace 42T chainwheel Takagi bottom bracket set Titanium spindle HKK Smoker chain Sun Tour 16T freewheel Campagnolo Record wideflange aluminum hubs .080-.060/36 doublebutted spokes Arava C-type box aluminum rims Raleigh Red Dot 1.75 tires Kashimax seat Pro-Neck fluted aluminum seat post Sun Tour aluminum seat post clamp D.J. Scott safety pads Number plate made by Will's girlfriend LUBRICANT Tri-Flon NOTE: Both Will's and Mike's bikes were set up for an indoor race, hence Dia-Compe brake cable KKT RT-B pedals, filed WILL SCURTO Takagi MX Cr-Mo 175mm onepiece crank Electro Pro Series helmet Takagi aluminum 42T front sprocket Tange bottom bracket set Hallman Crosspeak visor Jofa mouth guard HKK Smoker chain Oakley goggles BW nylon jersey Campagnolo Record front hub Shimano Freehub rear hub JT pants Shimano Freehub cassett 16T rear JT gloves sprocket Van's low-cut tennies. .080/36 spokes SKOOT Araya C-type box aluminum rims Competition II Stadium skinwall GT-BMX Pro chrome-moly frame tires, 2.125 front, 1.75 rear

the 42-16 gearing and Raleigh Red Dot and Competition II Stadium tires.

#### PERSONAL GEAR

Cycle Pro chrome-moly forks Red Line Pro Line V bars Pro-Neck double-clamp stem Oakley II grips Tange headset Weinmann center-pull rear caliper

Kool-Stop Continental brake pads Dia-Compe pre-bent brake lever

JT number LUBRICANT

Energonics Gold

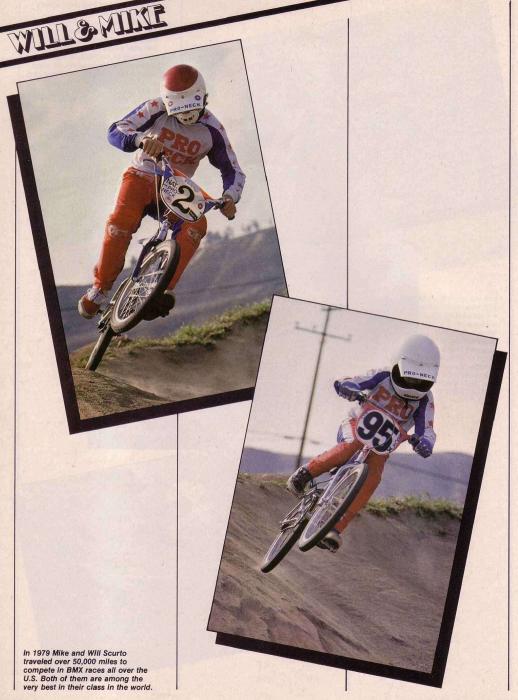
Kashimax MX saddle

D.J. Scott safety pads Haro number plate

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### **PRODUCTS**



#### **BOTTEMA BULLETS**

Jeff Bottema, that limit exploder, is now in the munitions business making bulletproof forks. Both Jazzy Jeff and the ol' one-hander-one-footer himself, Toby Henderson, have subjected these babies to months of thrash survival testing. They're heli-arced 4130 chromemoly with hefty .065 wall thickness and heavier than usual dropouts for even more rugged dependability. They're also designed so the legs are a parallel extension of the center line of the head tube. That means less compression stress and flex. Bottema forks come in two models: C-1 for Cruisers and M-1 for Motocross. They're designed for quick steering with about a 11/4-inch rake. Both Jeff and Toby say they'll really help your rubber dig in and bite. Another feature, borrowing from the long travel look of motorcycle motocross, is the design that drops the fork tubes down below the dropouts. For retail or wholesale info on Bottema Bullets contact: RALPH'S BICYCLES. 8039 E. Imperial Hwy, Dept. BMXA, Downey, CA 90242. Tel: (213) 862-5142.



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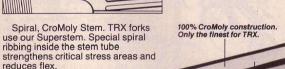
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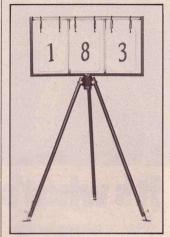
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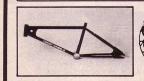
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**JULY 1980** 



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"Huh?"

"And we understand today is your birthday. So that's really a great birthday present, isn't it?"

Shell shock. Total befuddlement. Silence. And then mom gets on the phone. "You're kidding...Oh, my goodness... Travis kept looking at me like huh, huh, huh?... I don't think he believes this... Well, isn't that exciting."

That's the way it goes here at BMXA. Another day, another really satisfied reader. You all remember the contest announcement that appeared in the March issue? Sure you do, if you're nine or younger. Entries closed on March 31st. We said we'd draw a winner on April 8th, but we flubbed that a bit. It was really April 17th. And when the vivacious Valerie, our new Advertising Director, pulled Travis' entry, one eagle-eye noted that the date of birth read: 4-17-72.

How 'bout the odds on that one? Send it into Ripley's Believe It or Not. Travis got his name picked on his birthday. He had just turned eight years old.

So now Travis has 19 pounds of genuine bonneroo berm battering bazooka bicycle valued at \$27 a pound. Our winner, who's been racing for three years, lives in Hillsboro, Oregon and races ABA novice. His 1980 ABA racing number is 21.

The entire Grossman family is into bikes and racing. Travis' dad, Noel, started his own shop, the BMX Pro Shop, in nearby Aloha, Oregon last year. Sister Lisa, age ten, races powderpuff.

When our call came, Travis' dad was busy building him a JMC that he had just gotten a co-sponsorship on.

Travis' mom, Jill, explained that our winner really didn't believe us when we called because his dad is such a practical joker. But now Travis must believe in the Good Tooth Fairy. Ma Bell, and BMXA.

So to all you little dyna-minimiters who entered: Thanks for taking the trouble and better luck next time.

And to you, Travis: It was just a joke. Your dad put us up to it. So send back the bike.

Just kidding, really. It's yours.



#### BICYCLE MOTOCROSS ACTION PROJECT MINI-RACER SPECIFICATIONS AND MODIFICATIONS

WEIGHT; 19 lubs even SE Mini-Ripper frame, anodized black JMC mini forks, painted black Rullseve sealed-hearing hubs

Bullseye sealed-bearing hubs T-D .080/.060 stainless spokes Aluminum spoke nipples Ukai Powerbrite aluminum rims Bullseye sealed-bearing bottom bracket with polished alloy flanges, internal seals removed, lubed with Energonics Gold

O.M.A.S. "Big Sliding" Oro light alloy freeball headset, shimmed to fit the SE head tube by Beavers

SR aluminum 4 bolt gooseneck, polished

SÉ aluminum 4.5 inch rise handlebars, anodized gold Oakley II grips, black Dia-Compe brake lever, bent, polished, with a black plastic sleeve

Stainless steel brake housing cable, unsheathed

Cycle Pro Anatomic Superleggero seat with aluminum rails and an Avocet BMX seat clamp with hex key adjustment Tourney 79-S side-pull caliper rear brake Mathauser finned brake pads Dura-Ace 170mm forged aluminum crank arms. machined, polished, and drilled out Dura-Ace 43T chainwheel, black, drilled out Sun Tour 16T 3/32 freewheel Regina Record "S" chain Reedy aluminum sealed-bearing pedals, filed gold anodized cages, polished centers,

internal seals removed.

lubed with Energonics Gold

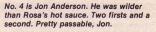
Competition II black skinwalls



THE HEART-WARMING
YET EXCITING SAGA OF
BRENT'S COMEBACK,
JASON'S LIZARDS,
EDDY'S COOKIES,
JACKSON'S BLAZING
NEW SPEED, BUFF'S
WET BIKE, R2D2'S
STARTING TONE, AND
THE SECOND LARGEST
RACE EVER IN THE
GLORIOUS STATE OF
CALIFORNIA.



Between motos Jason was out in the boonies training lizards to stay on his hat. By the way, Jase . . . there's a round furry thing on there too, and it ain't a lizard.

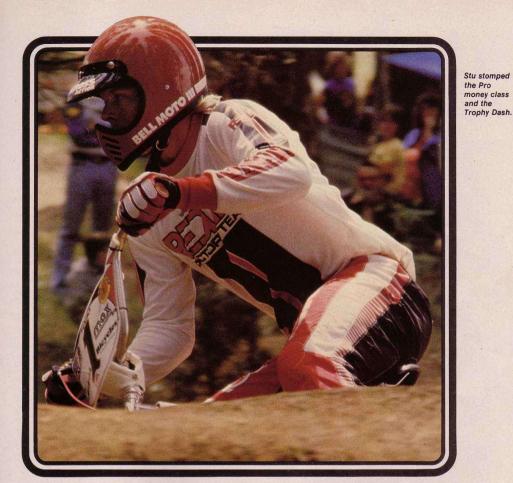




Racin' ain't always big bucks, pit tootsies, and glory. Sometimes you fall down go boom.



The No. 8 starting position was a kamikazi situation. If you had the lead by the time you reached the tree, everything was dynorhino. If not . . . well, that's what the mattress was for.



GRAB ON \* ABA SPRINGNATIONALS

# GRASS VAIDUDY

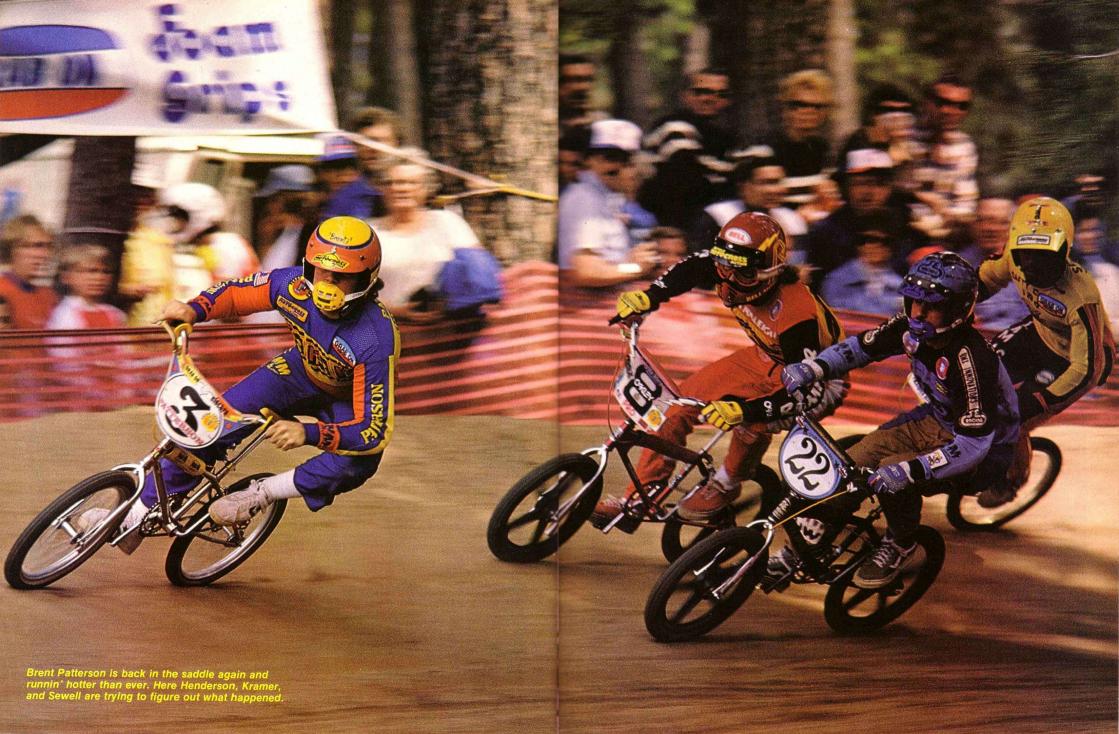
STORY BY BOB OSBORN
PHOTOGRAPHY BY WINDY AND
OSBORN
COACHING BY VAL

If Buff's momma only knew . . . Winsome Windy, Vivacious Val (our brand new Advertising Director—wa wa wa!), and yours truly were walkin' back to our motel rooms when we discovered this trail of water going right under the door of the room next to Windy's . . . R.L., Buff, and Little Robert's room.

Right off we figured something fishy was going on 'cause we

hadn't been in Grass Valley long enough for those guys to go swimming.

We also noticed a motel security guard downstairs by the pool . . . studying the other end of the trail of water. He was rubbin' his chin and lookin' first at the water trail, then







off in our direction, which is where the trail went.

Then we got to lookin' a little more carefully at the water trail and noticed amongst the large blobs, a wet knobby tire trail.

Well, it didn't take Sherlock Holmes to figure out what had happened. The only question was which one of them had taken the dare. In the foreground Kelly McDougal is showing Jon Anderson the prime line through the third berm. In the background the Grab On balloon lurks.

When Little Robert opened the door—you don't think Buff or R.L. would open it, do you?—the three members of the Nurd Herd were the picture of absolute innocence. You could almost see their halos.

Triple threes . . . not a bad poker hand. Left to right: Lee Medlin, Keith Peel, and Ron Anderson. No. 2 back there is Jeff Whitbeck, one of Washington's hot dogs.



Bubba Hayes is a mean motor scooter in the 12 expert class. He nailed down third place brass. Good lookin' dude too, hub?



No. 18, Andy Patterson, trophied in the 16 expert class and his open. This guy hauls bananas.



This is the Chinese-fire-drill start of the parade lap. Three spectators were impaled on flags before it was over.



The view from the Grab On ballon. There were a million campers and motorhomes back among the pines. If the guy holding the rope had turned loose, we'd have been in deep do do.

Even Little Robert. But most especially Buff . . . whose hair was suspiciously wet and clothes suspiciously fresh.

But other than that, the room was very neat and orderly . . . and there was nary a bike to be seen. Dry or wet.

When they saw we were not the security guard, the halos disappeared with a fizzle. When we

asked them what happened to their bikes (the evidence), they all snickered and chortled and pointed to the bathroom.

Sheesh. All three bikes were stuffed in that little tiny bathroom. One of 'em was even in the tub. Buff's was nicely dried off, with only a small puddle forming under the bottom bracket. I guess they figured they were hiding the evidence. These guys are real Al Capones.

Then Windy and Val and I peeked out the curtain, made our eyes real big, and said something like, "Oh brother! Here he comes!" Whereupon we beat feet out of

there to our own rooms as the Nurd Herd's halos popped back on and a light sweat suddenly appeared on their foreheads.

Of course the security guard wasn't really coming, but we just love to pick on those turkeys . . . they're so easy. And anyway, bikes have no business in a swimming pool . . . they don't float worth

'Course, if there were a jump of some sort set up, and you could get a good run at it, it might be kinda' fun.

But don't you do it! You'll get me in ALL kinds of trouble.

And for sure don't tell Buff's momma how he almost got us kicked out of that motel.

Grass Valley was just flat gorgeous. Ponderosa pines all over the place. Most people camped right at the track the night before. There sure were a lot of campers and motorhomes there.

When the Nurd Herd, Windy, Val, and myself arrived in the morning, we could smell bacon cooking and coffee perking on the light smoke that drifted through the pines. Ah, I



Trevor Pigott (549), Jason Wharton (7), and Dustin Drum (4) pretty much tombstoned the 8 year old classes.



What do you do when the motel security guard is after you for jumping your bike into the swimming pool? Hide it in the bathroom, right? He'd never notice the trail of water leading to your door, right? Sheesh... the Nurd Herd in action.

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#### GRASS VALLEY



Kevin Jackson was full-tilt bozo all day. As with most of the best riders, he is now on a hard training program. It do make a difference. Fourth in the Pro Money main.



This guy got so close to a triple he could smell it; first in in 10 expert, first in his Trophy Dash, and third in the open. In the process he beat some bad real estate, like Jason, Bodie, Mikey King, Rod Stufflebean, etc. Ladles and gents, introducing Flash Farmer . . . Danny to his mother.

love it! Daniel Boone; back to nature; sittin' around the ol' campfire; and all that kind of stuff.

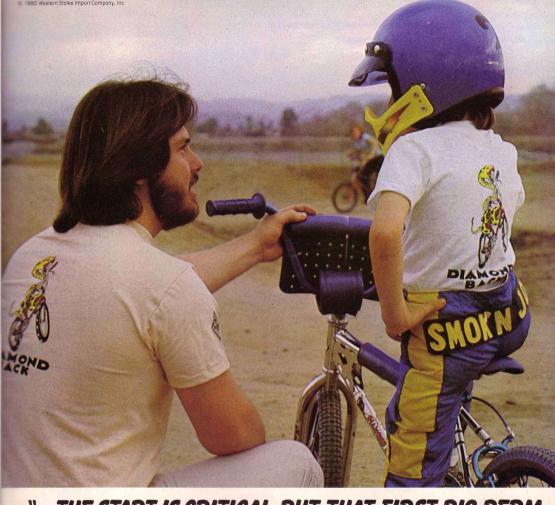
The track wound among the big pine trees, and it was really beautiful. Which was almost enough to make up for it being a dull layout. It just wasn't radical enough. We need more interesting and challenging national tracks. Something that's more fun to ride.

\*\*

A new wrinkle had been added to the electronic starting gate at Grass Valley. In addition to the redyellow-yellow-yellow-green traffic light, there was an audible tone that matched the sequential light starting signal. It sounded like a computer tone, or like something R2D2 would have said in Star Wars. Which at a BMX track is kind of startling when you first hear it.

All the racers liked it. It gave them a choice of watching the lights or listening to the tone. A lot of them said that it was hard getting dialed in to the tone after being used to the traffic light.

continued on page 54



# "...THE START IS CRITICAL, BUT THAT FIRST BIG BERM IS WHERE YOU WIN IT. IT'S TOUGH, BUT YOU AND YOUR DIAMOND BACK ARE TOUGHER."

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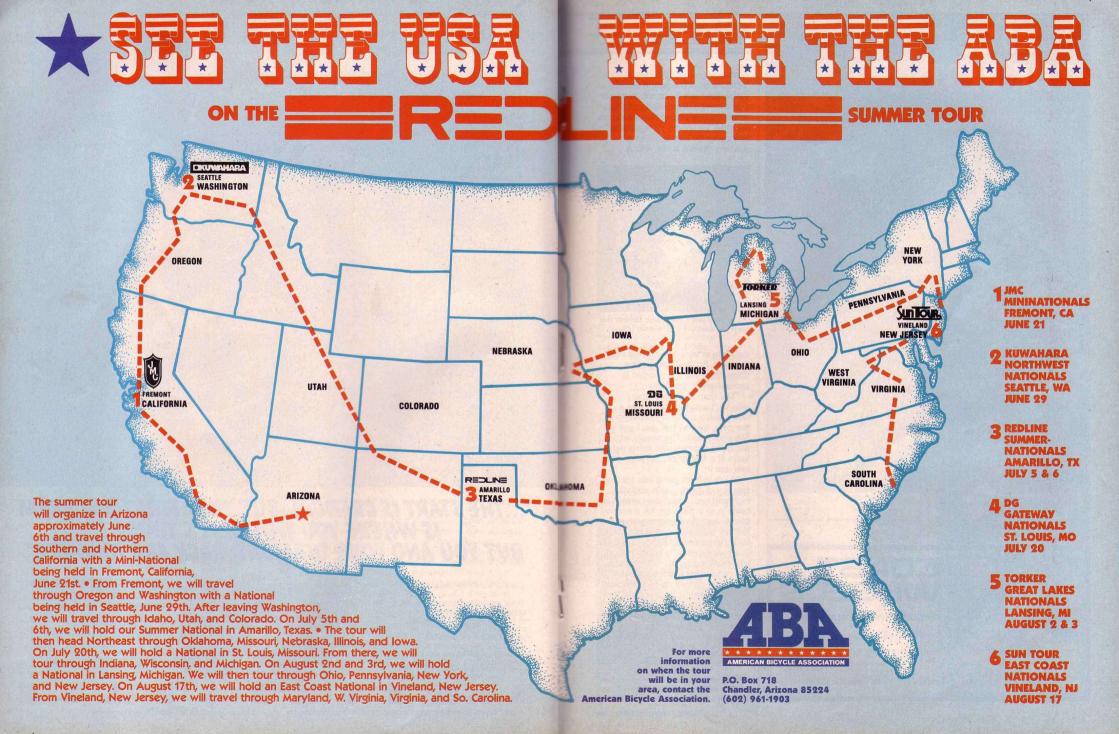


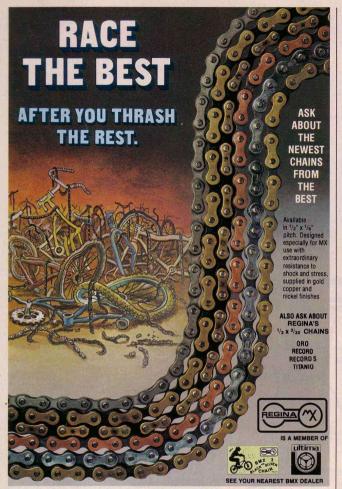


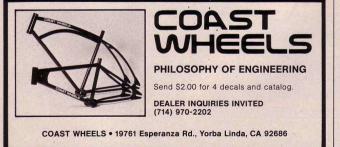












#### GRASS VALUEY

continued from page 50

Denny Davidow on the Grass Valley start and first turn: "Number 1 and number 8 positions on the gate squeeze you in. Number 1, on the right, you come up against a tree about 20 feet out. The 8 position, there's a tree with a



In the 14 expert class, David Marietti has been the absolute commander lately.

mattress in front of it 50 feet from the start. So, that funnels you down. Best starting position is somewhere in the center.

"The gate is slanted down steeply. I watch the light, get a count going, on four, look down at the gate, and on five, go. I use a two-pedal start. The people who are good at one-pedal starts get a jump of a foot or so, but after that I reel 'em in

"If I'm in front going into the first turn, I just totally gas it and stay high and fast. About the center you have to stop pedaling for a second. then I start crankin' again when I feel my front wheel stickin'.

"If I'm behind someone, I dial him in as we go into the berm. If he's low goin' in, I go in high, and use the berm to slingshot under him when he has to go high at the end. If the guy goes in high, I go in low and try to come up under him, close and strong, so he gets kinda' rattled. He'll be wondering if he can pull it down before the high part of the berm ends. I don't hit him, just worry him.'

Several interesting notes about Denny Davidow: At Grass Valley he was running 43-16 gearing with 175mm cranks . . . he spins! When

he stops pedaling for a split second in a berm, he regains control of his bike by really crankin' hard coming out. Denny now has a trainer and is on a hard, consistent workout program.

Brent Patterson has completely recovered from his winter injuries. and is looking faster and sharper than ever. If he can keep it going. he will quickly move back into the elite ranks of the top five or six Pro racers. At Grass Valley he won the Pro Trophy class, inches in front of Ruminer and Post, who aren't exactly squids.

The hot tip at the finish line was to go rippin' into the shut-down area, which is covered with pine needles and bark and loose stuff. and roost all your buddies. You could total about twenty of them if you were really cookin'.

Factory Schwinn Pro, Kevin Jackson, was faster than we've ever seen him. And it paid off . . . with a fourth in the Pro Money main.

In between moto's, Jason Jensen was out in the boonies chasing



Jon Anderson spent all his non-racing time manicuring the Grass Valley track. And, just in case there was a flash flood, he wore his high-water pants.

#### ABA/GRAB ON SPRINGNATIONALS RESULTS

PRO MONEY Stu Thomson Kevin McCarthy Denny Davidow

PRO TROPHY Brent Patterson Jeff Ruminer Frank Post

TEAM TROPHY

CRUISERS Jeff Kosmala Eric Shimp Tim Horning

16 EXPERT Donny Athertor Andy Patterson Bryan Walker

16 NOVICE Rocky Caravello Tony Thuesen Stefan Huntley

15 OVER TROPHY DASH Stu Thomsen

15 OVER OPEN Mike Poulson Eddy King Andy Patterson

15 EXPERT Frank Wilson Lee Medlin Eddy King 15 NOVICE

Omar Herrera Hector Gonzales Kenny Lane

13 & 14 TROPHY DASH David Marietti

13 & 14 OPEN Scott Herrell Richie Anderson Danny Mayer

14 EXPERT David Marietti Andy Zirzon Pete Loncarevich

14 NOVICE Roger Linder Paul Sisson John Lukens

13 EXPERT Darrell Young Richie Anderson Joe Porter

13 NOVICE Michael Casteel Erik Braegger

11 & 12 TROPHY DASH Jon Anderson

11 & 12 OPEN Jon Anderson Kelly McDougall Todd Henry

12 EXPERT Kelly McDougall Jon Anderson **Bubba Hayes** 

12 NOVICE George Gera Andy Cook John Stack

11 EXPERT Kenny Fox Joe Duran

Doug Davis 11 NOVICE Chris Sleater

Steve Gordon Matt I ewis 9 & 10 TROPHY DASH Danny Farmer

9 & 10 OPEN Mikey King Rod Stufflebean Danny Farmer

10 EXPERT Danny Farmer Bodie Cook Chuck Southwick

10 NOVICE Danny Steplight Todd Skaggs

9 EXPERT Jason Jensen Steve Hayes Mark Perez

9 NOVICE Robbie Morris Geoff Girouard Kelly Crowell

8 UNDER TROPHY DASH Jason Wharton

8 UNDER OPEN Trevor Pigott Jason Wharton Elov Sanchez

8 EXPERT Jason Wharton Trevor Pigott **Dustin Drumm** 

8 NOVICE Jeff Moten Devin Swanson Robbie Fox

7 EXPERT Myke Landis Toby Williams Ricky Abbott

7 NOVICE Scott Wilding Tommy Clower Scott Woessner

6 YEAR OLDS Damon Wheeler Billy Bonita

5 YEAR OLDS Josh Donahue Michael Erck Jeremy Glusing

SENIOR GIRLS Misty Dong Susan Wilson Debra Shobert

INTERMEDIATE GIRLS Patti Gammill Sue Gingrich Lisa Zeeb

JUNIOR GIRLS Julie Nimmo Mary Anderson Sherry Still

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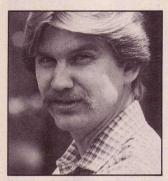
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#### GRASS VALLEY

lizards. He put a couple of them in a Tupperware container, which he put on a shelf in the Torker motorhome.

A little later Eddy King came in looking for something to eat, thought it was a cookie jar, reached



If you have Grab On grips on your bike, this guy made 'em. Zane Seely from Walla Walla; sponsor of the Springnationals. He came down to Grass Valley in his balloon. It took a while but he got great mileage.

in and was nailed by one of the lizards.

For the next hour or so, Jason was nowhere to be seen.

\*\*\*

This was a hefty race. The second largest ever in the state of California. The NBA/Mongoose Grand Nationals last year nudged it out by a slim margin. Grass Valley went 164 motos and way over 1100 sign-ups

There was just no way this thing could end before 11 o'clock that night. But it did. At exactly 8 o'clock, Stu Thomsen blistered across the finish line, having just won the final Trophy Dash of the event.

Which meant that Gene Roden, of the ABA, had slicked me out of a steak dinner. Oh well, maybe I'll win it back at the Skyway/Pro-Tec race coming up in Elkhart, Indiana. Or maybe I just won't bet against the ABA anymore. Those people run pretty smooth events. Grass Valley went off like a finely-tuned YZ up on the pipe.

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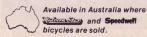
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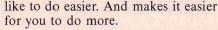
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From little touches you'll appreciate, like the screaming decals—to big payoffs, like waiting for the riders who finished behind you-it just feels good. In the dirt or on the street.

Oakley I grips

We're not saying any CYC makes anything else you've ridden into a ho-hum two-wheeler.

But you will.

When you test ride our three racelight, tank-tough ways to thrash, bash and win, start with Stormer MX. "... If price is important," says BMXA, it's "the best. Period." Then move up. Let the tricked-out Panther and state-of-the-art Ames speak for themselves.

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> 4 CR-MO frametubes, matching TX-1200 forks. Heattreated 1-piece cranks, CR-MO pedals, Araya alloy wheels.



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LEAPIN' LEOPARDS, BATMAN, IT'S A . . .

# PANTHER



When your front wheel crabs (turns under) on you, it is usually the result of very quick steering and a moment's inattention to biz.



WOULD YOU RATHER HAVE A TIGER BY THE TAIL OR A PANTHER BY THE PEDALS?

STORY BY LEN WEED PHOTOS BY WEED AND OSBORN

The Panther stalks the middle ground of CYC's wham-bam jammin'

jungle. A rung down the price ladder is the Stormer MX ("If the price is important, it's the best, period."—BMXA). The Stormer is the econocornerstone of the CYC pyramid. Atop the mountain—the Ames Stormer.

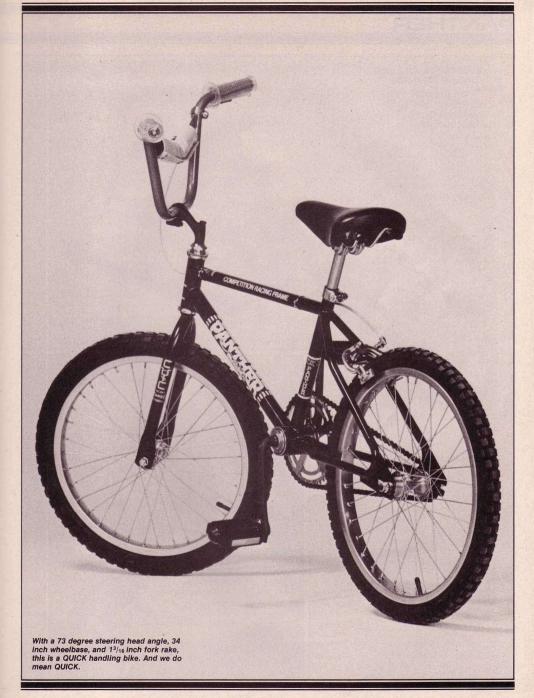
One thing that ought to dazzle prospective Panther purchasers is the one year warranty on the frame. No jive—a full three-six-five—even if you race it or thrash it or trick ride it until your feet turn blue. Natcherly, don't come lookin' for a new frame if Dad runs over it with the family Sherman Tank. But basically, you break it and they take it—and give

you a new one. Sorta' indicates CYC expects their chrome-moly frames to hold up, doesn't it?

Borrowing from its namesake, the Panther is shiny black, with a choice of gold anodized Araya alloy 80 gauge spokers or yellow Tuff Wheels. Or you can pick their Silver Panther—chromed frame, forks and bars.

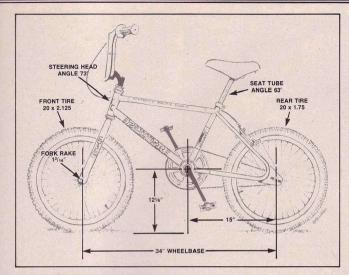
The Panther's set to go prowlin' with Shimano Freehubs, Race Inc. alloy seat post, high tensile steel Tange TX-1200 forks, steel bars, and forged steel cranks. Even though the Panther is aimed at the beginning or novice racer, it weighs

**BICYCLE MOTOCROSS ACTION** 



JULY 1980







Graphics are where it's at lately.

in just over 27 pounds. That's purty darn good for a bike with a suggested retail of under \$200. And, for what it's worth, CYC hasn't raised their price during the past year.

Now for your listening pleasure, we'll take a brief musical interlude

while our gnarly gang gets into their go-gear . . .

Sha boom, sha boom. Yadada, yadada, yadada, yadada.

+++

And there goes R.L. with the first jump of the day. And there goes the Ashtabula single clamp gooseneck. Bent. It's flunked its high flyin', long leapin', ground poundin' test. By day's end the bars were also tweaked. The Ashtabula stem does help keep the cost of the Panther down. And it'll work for normal riding. But if you're a buckin' buckeroo, it's best to replace it with a double clamp gooseneck. Problem is, you can't use just any double clamp. You need one wide enough to fit around the flair of the bars. Either the Mongoose Gold-Stem or the Cook Brothers Slantline stem will do the job.

The Panther's 34 inch wheelbase and steep 73 degree steering head angle make for a quick handler that the smaller guys will feel right at home on. Sixteener R.L. found the bike too small. He also felt the center of gravity was a bit on the high side. While jumping he didn't want to shift his weight much because the red warning light on his loop-out indicator panel kept coming on.

Buff, a couple of years smaller,

#### CYC PANTHER SPECIFICATIONS

FINISH: Black with gold anodized Araya rims or yellow Tuff Wheels. Also available: Chrome frame, forks, and bars WEIGHT: 27 pounds 3 ounces RETAIL COST:

Approximately \$175
FRAME: CYC Panther, 4130

chrome-moly

FORKS: Tange TX-1200, high tensile steel with heat-treated

stem

HANDLEBARS: Mild steel butterfly V-bars, gold GRIPS: Winners Circle vinyl STEM: Ashtabula singleclamp forged steel gooseneck

RIMS: Araya box C-type aluminum

SPOKES: .080/36 HUBS: Shimano Freehub

set, aluminum

**BRAKE:** Shimano Tourney side-pull caliper, rear only, pre-bent lever

TIRES: Swallow Motocross

knobbies

PEDALS: Chair No. 2500 with chrome-moly shafts CRANKS: Ashtabula black heat-treated 6½ inchers.

FRONT SPROCKET: 44T

REAR SPROCKET: 16T

cassette for Freehub SEAT: Kashimax padded

plastic

SEAT POST: Race Inc. heat-treated aluminum SEAT POST CLAMP: Regular old-fashioned steel

jobber

MANUFACTURER:

CYC Distributing P.O. Box 467 Hawthorne, CA 90250

(213) 538-2824

MISCELLANEOUS: Send \$2 for a CYC catalog. Send name

for a CYC catalog. Send name and address to get on CYC's new product mailing list.

kept raving about the neat "hang time" of the Panther while jumping. Hang time? Maybe Buff is really Charlie Brown's Mad Punter. Despite its short wheelbase, the

#### PANTHER



Short bikes are a buzz to slide . . . just get up some speed, lay it over, whip out the rear end, then just hang on.



The Panther was great for flattrackin'. It wasn't the least bit inhibited about stickin' its rear end out.



you can 4-iron a buffalo chip.

Panther had sound ground balance. Buff kept chuffing along with full confidence while R.L. was hanging back some, de-stoked by the short-

Buff thought the Panther would make a good racer-once a sturdy double clamp gooseneck was added. Oh yeah-a different set of grips. He started moaning about them while loading the bike in the truck.

Bar shape? Fine.

Power position. Good.

The Swallow tires. Buff liked them while R.L. found them slidey.

The Panther shapes up as a snarlin' catquick crosser, offering light weight for a good price. It seems best suited to riders 13 or younger. Make the stem swap and it could put you in the beginner or novice trophy hunt. Or, as Louie the Lisp thez, "The Panther may be your anther."



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# SETTING UP CRUISER REPORT



Kevin Harlow is the current points leader in the hotly-contested, new ABA national cruiser class. Even in black and white photos you can tell he has red hair.

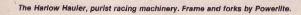
# ARACING

#### **KEVIN HARLOW** DIALS-IN A **POWERLITE**

BY LEN WEED

It's canine-eat-canine in big time cruiser competition when the twentysix inchers mix it up. Just because those guys are big and old doesn't mean they don't get it on.

Right now the No. 1 get-it-on'er



TAXXX IREA

#### RUISERS

in the ABA national cruiser class is Kevin Harlow, age 19.

It's been a rapid rise for Kevin. He went cruiser racin' for the first time last summer. Pretty much on a lark. Bought an old junker and started winning local races. Then he tried some nationals and found himself running seconds and thirds, still on the junker. It's easy to figure that a guy who can place or show on junk can win on premium equipment. So Kevin now finds himself sponsored by Powerlite.

devotion to all our readers between the oceans?

Seein' as how Kevin rides for Powerlite, it figures that he runs a Powerlite frame. As this is written, Powerlite is the only cruiser frame currently available with a 4 inch head tube. The other cruiser frames run 51/2 inch head tubes. The disadvantage of a long head tube is that it places the bars in too high of a position relative to the bottom bracket location. Power and leverage are lost. That's why the Powerfor big bike racing. A lot of cruisers, especially street klunkers, tend to be slower-than-neutral steerers. Going the opposite way, guicker steering doesn't seem to be an asset with a big bike.

Another thing Kevin likes about the Powerlite is its high bottom bracket. You can run longer cranks for more leverage and still not grind the pedals around the corners. Kevin runs an extra long 71/2 inch one-piece Takagi hardened steel crank and the new MKS alloy pedals.



Micro Lines and a Tuf-Neck or Pro-Neck are the inside hot tip for cruiser racing.

The thing about cruiser racing is that it's a brand new art form. Only a very few of the best have their cruisers dialed to the max for serious racing. Kevin Harlow is one of the

With that in mind, we grabbed Kevin and kept pouring Mountain Dew's into him to loosen his tonque. That's how we got him to reveal all his secrets for setting up a racing cruiser. So don't anybody show Kevin a copy of this issue. Then he'll never be the wiser that BMXA has spread his secrets across the nation. How's that for dedicated

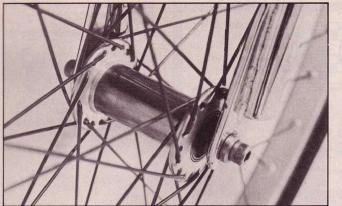
lite 4 inch head tube provides a certain power advantage . . . it lowers the bars and gooseneck. Naturally Kevin uses Powerlite forks, which are made to fit the short head tube.

But let's say you're running the Powerlite frame and you want to use somebody else's forks. No big deal. What you have to do is track down a shop with a fork threading thingamajig. Have them run the threads on the fork stem farther down. Then cut off the top 11/2 inches and slip 'em on.

With the Powerlite frame, Kevin gets the neutral steering he prefers

If you have just decided that you must have a set of either the Takagi or the Ashtabula 71/2 inch cranks. you'd better beat feet down to a few local shops. These long suckers have been out of production for a long time. The only ones you're likely to find will be leftovers.

Harlow runs Arava aluminum rims, .080 spokes, and Phil Wood sealed-bearing hubs. The rubber that's available for 26 inch racing right now is rather limited, but some knobbies will no doubt show up shortly to feed the growing cruisermania. Kevin uses a 26 X 1.75 Capri



The Harlow Hauler sports Phil Wood sealed-bearing hubs, .080 spokes, and Araya rims.

#### ADVANCED PHYSICAL DYNAMICS: **DUAL-BRAKE TURNING SECRETS**

Kevin Harlow runs front and rear caliper brakes on his racing cruiser. So equipped, he can go full bore right up to a turn, slam on both binders at the last possible millisecond, and thereby gain a few precious feet on his single-rear-brake equipped compo.

PRINCIPLE NO. 1: What makes this work is the fact that a front brake will provide about 70 percent of the total stopping power of a two-wheeled vehicle due to the shifting of weight/mass onto the front wheel as the brakes are applied. Traction increases on the front wheel as it decreases on the rear wheel in direct proportion to how hard the brakes are applied.

This principle works great, right up to where the front wheel is no longer perpendicular to the track surface. Beyond that point, if you grab a hair too much front brake, the front wheel will wash, and you will find that your ear is in sudden close proximity to the ground.

PRINCIPLE NO. 2: However, when going into a berm turn, if you stay perpendicular to the surface of the berm, your bike thinks it's on level ground. And when your bike is on level ground you can lock up the front wheel and skid straight ahead, provided you know what vou're doing.

Kevin has figured out a way to apply both these principles and to throw in a zinger or two of his own to produce lightning-quick changes

What he does is pedal hard into a berm turn, delay braking until it looks like sure destruction, use both brakes hard—which shifts weight to the front wheel and un-weights the rear wheel-and with a little body english flicks the rear end around. All this is done with the bike more or less perpendicular to the berm surface. He is pedaling again almost before the rear end whip is complete. All of this means faster in, a quick square-off, and faster out.

If someone with just a rear brake wants to play "chicken" with Kevin while boogying toward a turn, refusing to back off until Kevin does, he's in for a tough time. Kevin waits until he knows he has to use both brakes hard to keep from overshooting the berm. If the back-brake rider waits that long and tries to stop . . . no way. He'll either do a big slideout or shoot over the berm.

Where's Kevin Harlow getting these tricks from? Simple. He comes from a motorcycle family. His dad is Gary Harlow, the owner of DG Performance Specialties. Kevin has raced both mini and big motorcycles for the DG motocross team. So what Kevin has done is transpose some motorcycle racing techniques to bicycle racing.

out back. Up front he runs a 2.125 front tire with no name on it that he found laving around.

Here's a tip on tubes. High Wheelin' Harlow uses 24 X 13% inch tubes front and rear. Inflate them and if they pop, they pop. If they don't, vou're in business. How's that for techno-trickery? Going to the smaller tubes shaves some precious rotating weight.

If you want to duplicate Harlow's gearing, get a 39 tooth Sugino front and an 18 tooth Shimano freewheel rear sprocket.

Krusin' Kevin runs front and rear



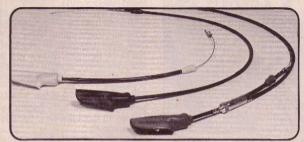
Ground clearance on the Powerlite is generous enough to allow use of the superlong 71/2 inch cranks which Harlow says gives him max torque. The Powerlite frame was unpainted for some strange reason that we never quite understood.

Dia-Compe caliper brakes with Mathauser pads. Because his bike weighs 29 pounds he needs more stopping power. Another reason he runs two calipers is to be able to dazzle the pit tootsies in the corners with a turning trick that's really trick. See the sidebar for the full dope on this speed secret.

Up in the pilot's cockpit, you'll find Red Line Micro Line bars with Oakley II grips. Kevin uses a Pro-Neck double-clamp gooseneck. He



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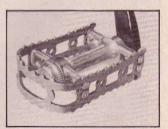
THE CONTINENTAL

#### CRUISERS



Kevin's Pop is Gary Harlow, the owner of DG . . . uh, the motorcycle DG, not the bicycle DG.

picked this bar and stem combo because lower bars provide a better overall power position on the 26 incher's big frame. Right now, the hot setup for anybody who knows



According to Kevin, you stick on the new MKS aluminum pedals.

what they're doing in cruiser racing is the Micro Line bars and either a Pro-Neck or Tuf-Neck.

Seating appointments on this Powerlite are by Kashimax. Seat post clamp by DCMX.

And that's all there is. Everything you need to know about the point leader's open-wheeler is now out in the open.

Electro, Luia.

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M&M and Shimano.



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true racina machines they are.

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**Our Team:** 

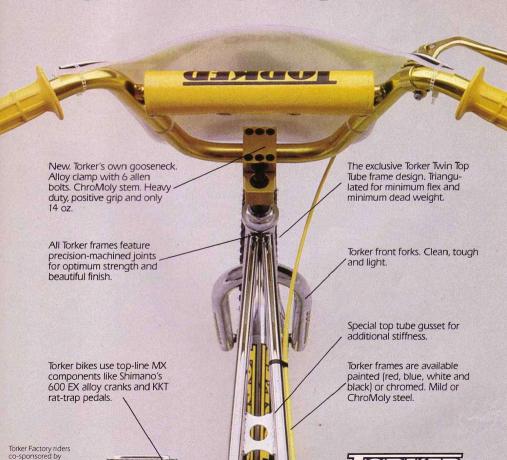
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New complete Torker bicycles are now available, from street trashers to full-tilt pro. Tork one at your BMX specialist.

## Tork it to the Limit.



## HOM/TO TABLETOP

#### **BUILDING LEAPIN' JONES RIDES AGAIN!**

Dear BMXA,

I know that some riders out there can perform a tabletop. But there are a bunch of us honest dudes who know what one is, but can't figure out how to do it. So, if possible, get a test rider of yours to do one for a photo and then explain how it's done.

Confused Performer Robbinsville, New Jersey

Dear Confused,

Your problems are over. It just so happens that on this very staff is the Master of the Tabletop, the legendary Building Leapin' Jones, to whom tabletops are an art form.

BLJ would rather do tabletops than eat enchiladas at Rosa's. He was ecstatic (which DOESN'T mean noise on the radio) when we will never be able to get a full table-

2. Before you get goin', picture to yourself what you want to accomplish. See yourself doing a tabletop. Completing this jump is as much mental as it is physical . . . but then, that's true of almost everything, isn't it?

3. Just before you hit the lip you want to "load" or crouch down onto your bike. As you hit the lip, unload—like a mono-shock; like when you bunny-hop—and fling it up in the air. Also, as you hit the lip you should begin to turn your bike to establish a twisting momentum that will help in getting up to a flat tabletop. This slight turn is probably more mental than physical. Also, when

with your feet using the traction of your shoes on the pedals as a grip. This should be accompanied with a swivelling of the hips in the direction of lift.

If you did everything right, the result should be a tabletop. If not ... total destruction.

To get out of this mess gracefully, just reverse step No. 4.

When you are first learning to tabletop, be sure you have a nice soft landing area. And wear a helmet, gloves, elbow pads, and any other safety gear you can lay your hands on, 'cause for a while you're gonna need all the safety gear you can get.

asked him to whup on us a few of his famous tabletoppers.

NOTE:: Do all of you know why this particular jump is called a tabletop?

Oh, you do?

Okay, never mind then.

So here goes . . . BLJ's step-bystep instructions and handy hints on how to do a tabletop.

1. First off you need a jump with a good lip on it ... one that will give you plenty of lift. Without this lip you

you're taking off you have to make yourself part of your bike.

4. Now this is where things get critical. You have to do a bunch of things at once. As you are rising into the air, keep an extremely strong grip on your bars and use your strength to hold the pedals against your feet. Push the front end of the bike down with your hands and, at the same time, lift the rear end up

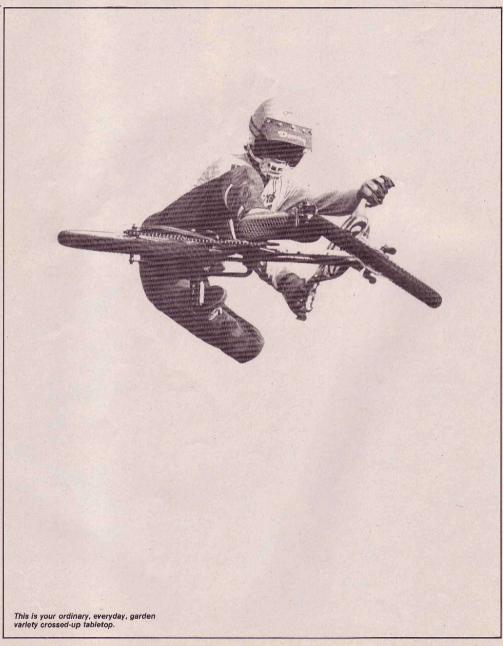
And . . . th-th-that's all, folks. Thanks, Jones. continued

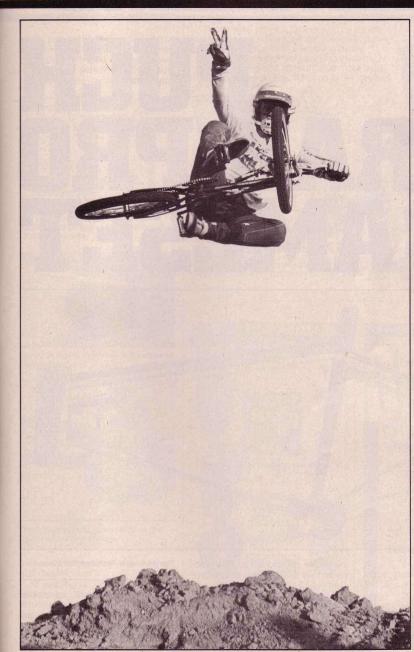
BICYCLE MOTOCROSS ACTION



Donny Jones would rather do tabletops than eat enchiladas at Rosa's.

## TABLETOP



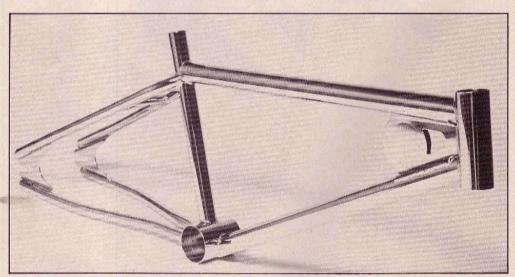


As far as we know, this is the first time in history that a human bean has done a tabletop and given the peace sign at the same time. Building Leapin' Jones in the saddle.

JULY 1980

## **PRODUCT ANALYSIS**

## PUCH TRAK/PRO FRAMESET



Stevr Daimler Puch.

Sounds like a heavy-duty outfit, huh?

Well, buckeroos . . . it is.

Steyr Daimler Puch is an international corporation with headquarters in Austria and branches all over the place. Like in the U.S. of A., where they sell more mopeds than anybody else. In addition to Puch mopeds, they market Puch and Austro-Daimler 10-speed bicycles.

And now the Steyr Daimler Puch cannons are ponderously swinging around to take aim at the rapidly mushrooming BMX market. One of their first projectiles will be the Puch Trak/Pro frameset which con-

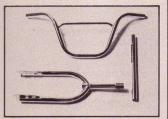
The primo qual Puch Trak/Pro frame.

sists of a frame, fork, handlebar, and seat post.

If you are familiar with the Thruster quality and engineering, then you are already familiar with the Puch Trak/Pro . . . which is to say that

both are total Mercedes Benz quality. And that both are fabricated by Speed Unlimited in New Jersey.

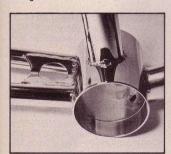
The Puch Trak/Pro tubing, gussets, dropouts, seat posts, forks,



The Trak/Pro frameset includes frame, handlebar, fork, and seat post. All are 4130 chrome-moly.



The Puch logo is engraved in the steering head gusset.



The bottom bracket gusset adds to the rigidity of the rear triangle.

bars, etcetera are all chrome-moly and chrome plated.

All welding is TIG heli-arc. "TIG" stands for "tungsten inert gas." Which means that the concentrated super-heat necessary for welding comes from an intense electrical arc thrown from a tungsten element. The "inert gas" part of TIG refers

## More balls?











#### PRODUCT ANALYSIS

#### PUCH TRAK/PRO FRAMESET SPECIFICATIONS

FRAME: Double gusset at steering head, folded gusset at seat post, gusset at bottom bracket, enclosed dropouts FRAME WEIGHT: 4 pounds 5½ ounces

FORK: Standard collared stem, leading axle, bent-tab dropouts

FORK WEIGHT: 1 pound 11 ounces

HANDLEBAR: Medium rise butterfly, drop-end crossbar HANDLEBAR WEIGHT: 1 pound 51/2 ounces

SEAT POST: What can we say?

SEAT POST WEIGHT: 81/2 ounces

MATERIAL: 4130 chrome-

CONSTRUCTION: Heliarc (TIG) welded

FINISH: Chrome plated SUGGESTED RETAIL: \$215 GUARANTY: 1 year on materials and workmanship

FOR MORE INFO: Steyr Daimler Puch Box 7777

Greenwich, Connecticut 06830 Tel: (203) 622-0386

to an umbrella of argon gas that envelopes the welding area and keeps impurities away from the weld. With some metals, such as aluminum, a mixture of argon and helium is used as the inert gas. "Heli-arc" refers to arc welding in a helium atmosphere.

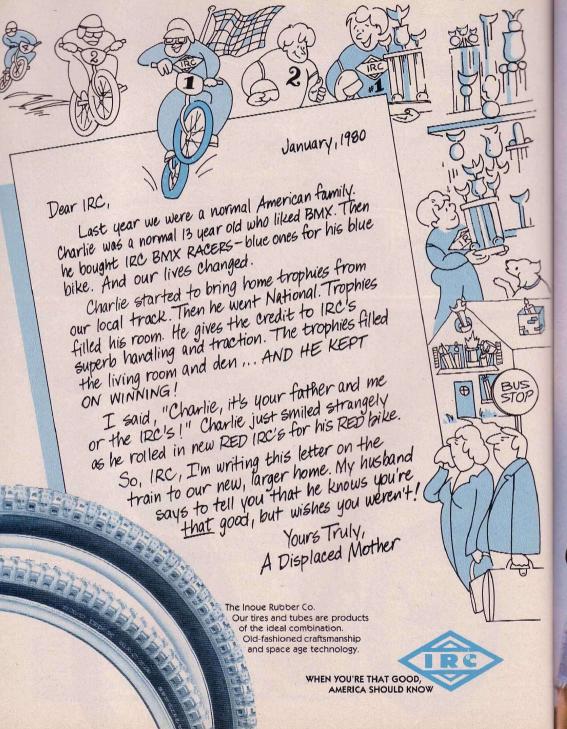
During TIG heli-arc welding, the welding rod is fed by hand. This almost makes TIG an art form. Look at the welding beads on the Puch Trak/Pro and you'll see why.

The handlebar that comes with the Trak/Pro set has a drop-end continued on page 94

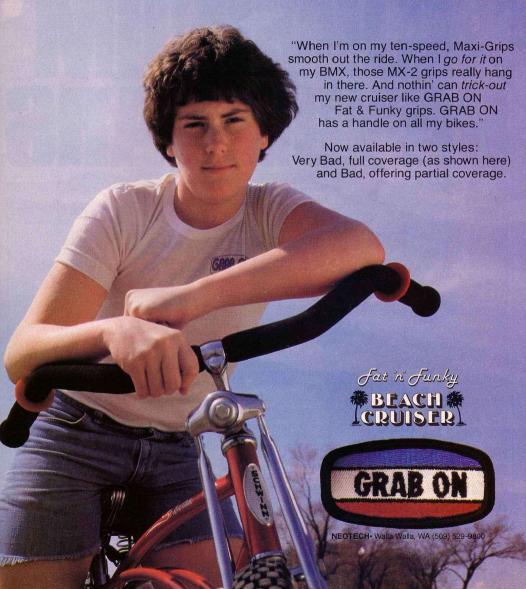




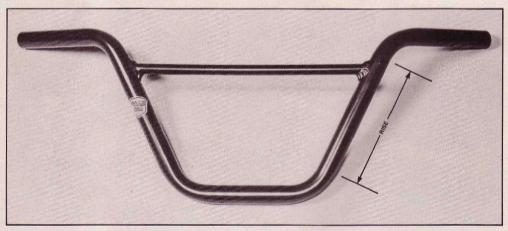
BICYCLE MOTOCROSS ACTION



## "WITHOUT GRAB ON GRIPS, IT AIN'T A CRUISER."



# RAGE ING. ALUMINUM HANDLEBARS



RACE INC., PROBABLY THE BEST AND MOST PROLIFIC FABRICATOR OF ALUMINUM BMX EQUIPMENT, COMES OUT OF THE CLOSET In the world of BMX racing, two types of handlebars totally rule. In the geriatric classes, V bars dominate. In the 14 and under classes, aluminum butterfly bars are where it's at.

Ask anybody . . . your mother, your grandmother, whoever . . . what company makes V bars, and every one of 'em will tell you Red Line. Ask the very same people what company makes most of the aluminum butterfly bars, and all you'll get will be big eyes and palms up.

To determine the rise of a handlebar, you measure the flat between the bends of the section of tubing that rises . . . like in the photo. Race Inc. alloy bars come in 3, 6, 7, and 8 inch rise sizes.

Well, young heroes, it's time to give credit where credit's due . . . Race Inc. is the company. They are currently manufacturing alloy BMX bars at the mind boggling rate of 10,000 each month! There are other companies making alloy bars, but none even come close to Race Inc. These Race Inc. bars are top qual.



engineered to absolute perfection, and the hot tip when minimum weight is of maximum importance.

However, back in the covered wagon days of BMX, aluminum bars were definitely NOT the hot tip. even though they were far lighter than anything else going at the time (BMXA, June 1977, "Problems with Allov Handlebars." page

Back then, the standard method of construction for alloy bars was to drill two holes in the handlebar tube, insert the crossbar tube, and heli-arc the joints. These insert joints eliminated the need for a fixture to hold the crossbar tube in place while it was being welded. But this resulted in low-strength handlebars because the main structural member-the handlebar tubehad two rather large holes in it at the main points of stress. If there was even a minimal flaw in either of the welds . . . zoomo, down the

toilet. Alloy bars were breaking right and left.

This was when Race Inc. got down to biz and quietly began building their reputation as THE top fabricator of aluminum BMX bars . . . and aluminum frames too, for that

#### **HOW TO TELL SEAMLESS FROM EXTRUDED ALUMINUM HANDLEBARS**

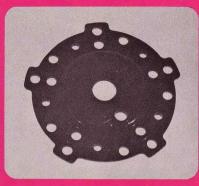
Seamless cold-drawn 6061 aluminum tubing is superior to extruded aluminum tubing. When aluminum tubing is cold-drawn, it assumes a kind of case-hardened or denser molecular structure. Extruded aluminum tubing is formed hot and assumes a less dense molecular structure, which is also less strong.

Extruded tubing is separated, then rejoined during its hot forming process. Longitudinal cracks can form later when the extruded tube is stressed. Cold-drawn tubing is formed by a more expensive process that eliminates the separating and rejoining . . . thus the name "seamless."

You can usually tell the difference between seamless cold-drawn and extruded aluminum handlebars by looking at the end. If the inside diameter of the tube is concentric with the outside diameter, it's probably seamless. If it's not concentric, it's extruded. If you don't know what concentric means, ask your Pop. Tell him you're giving



## **Another** original from **Kingsbury**



## The Universal Spider



Kingsbury's spider is one of a kind. It fits most bicycles and sprockets. Saves you a lot of time and hassle.

Forget about buying a lot of spiders just to use certain sprockets. Changing from one sprocket to another is simple and fast. You remove only 5 retainers and it takes just a few minutes to change sprockets.

The Kingsbury spider is made from high impact polyblue, black, red or yellow colors.

And if you haven't heard about Kingsbury's BMX pedal-meet the racing pedal. It has deep serrated edges and center clearance that gives your foot a sure grip on extra tough

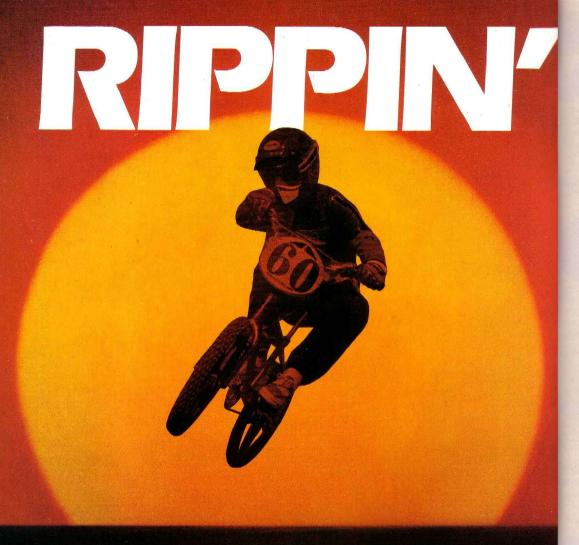
The spindle is made of super high tensile steel, heat-treated, precision ground, and chromed. It can take a hellish ride because it has a rated stress strength of 132,000 psi, minimum. This tough pedal comes in a choice of blue, black, red or vellow colors. A spare parts kit is available.



Give your bike a racing edge with Kingsbury's BMX universal

## KINGSBURY PRODUCTS, INC.







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Stems, hubs, cranks, chainrings, freewheels, pedals, seatpost clamps, and the unique Hole Shot two-speed gearing system for that extra kick when you need it most.

And SunTour parts don't just work right. They look right, too, in a full range of coordinated

Check out SunTour BMX Racing Parts at your favorite pro shop.



**BMX RACING PARTS** 

SunTour USA 10 Madison Road Fairfield, New Jersey 07006 Tel. (201) 575-1128

Race Inc. eliminated insert joints by developing a fixture to hold the crossbar in place during welding. They use only seamless cold-drawn



Race Inc. aluminum handlebars have a bend and angle to the grip section that allows a rider to apply maximum power to

6061 aluminum tubing, which is absolute top-drawer stuff

Race Inc. handlebar geometry concerns itself with three factors: Height, width, and grip position. All three factors are aimed at giving a rider max power and leverage into the pedals. Race Inc. has researched and developed handlebar geometry to a point where it has become the standard of the industry.

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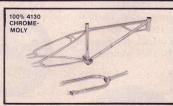
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JULY 1980

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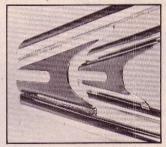
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## PRODUCT

continued from page 82

crossbar to facilitate mounting brake levers on either or both sides. It is the hot tip butterfly style and about a medium rise. The seat post is a normal ol' 1/8 inch by 12 inch seat post. Both are chrome-moly, of course



The patented Speed Unlimited dropout

The forks have Thruster-style leading axle bent-tab dropouts and a standard collar arrangement.

Where this frameset really comes on full-bore is with the frame. It has a double steering head gusset with the Puch logo engraved in both sides. The top and down tubes are "floval" tubing, which means something like "flat-side oval." This shape imparts a tad more rigidity to the frame due to the increased joint contact with the steering head along the axis of greater stress.

The rear end of this Puch frame is engineered for total rigidity. The seat stays wrap around the seat tube and are gusseted; the chain stays are gusseted where they meet the bottom bracket; both seat and chain stays extend beyond the point where the axle bolts to the dropouts; and the dropouts have a kind of I-beam configuration. Each of these details add to the overall rear triangle rigidity.

Like we said: Steyr Daimler Puch is aiming some big guns at the BMX market . . . and the Puch Trak/Pro frameset is one of 'em.

This is top qual racing equipment. It will stand comparison with the best available.

### **DEAR WIZ**

continued from page 25

And you wouldn't believe who it was . . . STU THOMSEN!!! screamed in the phone because I was so happy!

I think a person like that has really got a lot of class, especially being that he is ranked the National No. 1 Rider in the ABA. To take time out to cheer up a 12 year old kid with the Chicken Pox that he doesn't even know is really neat.

When he called I was so excited I didn't have a chance to say thanks. I would totally appreciate it if you could tell him I said thanks a lot.

> Paul Reed Taylor, Michigan

There are some pretty decent people in BMX, huh, Paul?-Oz

#### WHO NOSE?

Would you please tell me what you personally think of my picture.

> Chris Gardino Chino, California

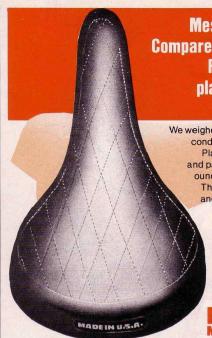


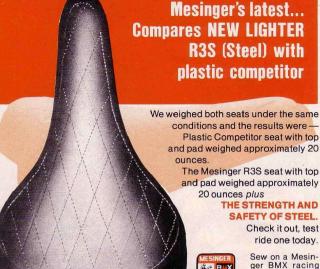
Have you considered getting into poetry?-Oz

#### **REV KEV**

JULY 1980

Just a note to say thanks for your far out mag! I'm a youth minister with the Assemblies of God and have a boys' club called Royal Rangers. We developed a BMX team and call ourselves BMX Rangers. I enjoy working with kids very much, and to continued on page 100









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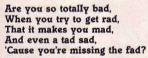
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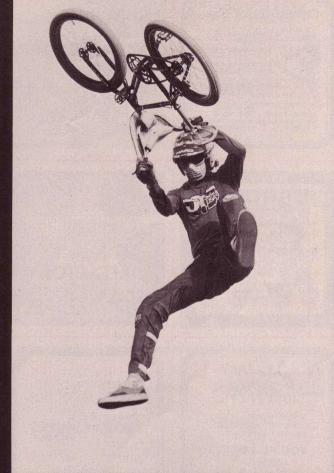












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## **DEAR WIZ**

continued from page 95

reach them we must approach them where they're at. And that is, of course, BMX!

What I'm writing for is to say a big thank you for what you are doing. BMXA has taught me much about the sport of BMX. Just six months ago I knew nothing about it. A bike shop owner gave me a copy of your mag and now I can actually talk BMX and know what I'm talking about, plus being able to answer kids' questions and give them advice. I really enjoy reading your mag, and I know I can pass it on to my kids because it's a clean publication.

Reverend Kevin Patterson "Rev Kev" Manasquah, New Jersey

Outa' sight, Rev Kev. Tell you what . . . to make up for saying, "faster than greased moose poop" in the last issue, we're going to shoot out a bunch of BMXA stickies for the BMX Rangers.—Oz

#### WWRRRRING-HUMMM

I have a set of Schwinn S-2 rims. Everytime I pedal there is a wwrrring-humming type of noise. The same thing happens with my Tuff Wheels. What do I do to stop this?

Also, why don't you turkeys at BMXA put the "Dear Wiz" address where everybody can see it, instead of in a corner near the front of the magazine where you have to have a microscope to read it. I had a heck of a time finding it.

Jack Loyd Owasso, Oklahoma

Jeez, it never even occurred to me to do that. But if you'll check the beginning of "Dear Wiz", you'll see that that bugger is sure there now.

As to the strange noises coming from your rear wheels, flip your bike over and turn the cranks through a complete revolution while checking the chain for deflection. I think you'll find that at some point it is tighter than a fiddle string. In the future, first find the tight spot, then adjust the chain with about a half-inch deflection . . . turkey!—OZ

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MESSIER'S         3           NATIONAL HYDRON (MXL)         2           NEOTECH INTERNATIONAL         2           CORP (GRAB ON)         14,8           CORP (GRAB ON)         14,8           OAKLEY         8           PANDA BIKE CO         2           PHIL WOOD         3           PRO-TEC, INC.         1           RACE, INC.         5           RACE, INC.         5           RACE READY         8           RED LINE ENGINEERING         10           RRS.         3           SILL         9           SCOTTIMATHAUSER         3           SE RACING         3           SHAKESPEARE'S         10           SHIMAND         3           SEYOM'S UPPLY         8           SAS PERFORMANCE         3           STEYR DAMILER PUCH         8           STICK-EM-UP         3           SUN TOUR         9	5 4 1 1 7 3 1 2 7 3 9 0 0
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14, 8  OAKLEY 8  PANDA BIKE CO 9  PHIL WOOD 3  PRO-TEC, INC 11  RACE, INC 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  R.L.L 9  SCHWINN BICYCLE CO 0  SCOTTI-MATHAUSER 3  SE RACING 5  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAWAY RECREATION PRODUCTS 3  SPORT SUPPLY 8  SAS PERFORMANCE 3  STEVR DAIMLER PUCH 8  STEVR DAIMLER PUCH 8  STICK-EM-UP 3  SUPERBYKE 3  SUPERBYKE 8	5 4 2 1 1 8 1 1 3 1 6 1 5 1 4 1 7 3 1 2 7 1 3 9 0 8
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14, 8  OAKLEY 8  PANDA BIKE CO 9  PHIL WOOD 3  PRO-TEC, INC 11  RACE, INC 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  R.L.L 9  SCHWINN BICYCLE CO 0  SCOTTI-MATHAUSER 3  SE RACING 5  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAWAY RECREATION PRODUCTS 3  SPORT SUPPLY 8  SAS PERFORMANCE 3  STEVR DAIMLER PUCH 8  STEVR DAIMLER PUCH 8  STICK-EM-UP 3  SUPERBYKE 3  SUPERBYKE 8	5 4 2 1 1 8 1 1 3 1 6 1 5 1 4 1 7 3 1 2 7 1 3 9 0 8
MESSIER'S	15 12 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
MESSIER'S	51242118113665499411773277390885114
MESSIER'S         3           NATIONAL HYDRON (MXL)         2           NEOTECH INTERNATIONAL         2           CORP (GRAB ON)         14,8           OAKLEY         8           PANDA BIKE CO         2           PHIL WOOD         3           PRO-TEC, INC         1           RACE, INC.         5           RACE, INC.         5           RACE READY         8           RED LINE ENGINEERING         0           ORRS         3           SILL.         9           SCHWINN BICYCLE CO         10           SCHWINN BICYCLE CO         10           SHMAKESPEARE'S         10           SHIMANO         3           SKYWAY RECREATION PRODUCTS         3           SAS PERFORMANCE         3           SAS PERFORMANCE         3           SIN TOUR         9           SUPERBYKE         3           JANGE         34, 3           TANGE         34, 3           TANGE SEIKI         17, 8           TEAM CHICAGO         9           TERRYCABLE         7	512421813654941733277339085144455
MESSIER'S         3           NATIONAL HYDRON (MXL)         2           NEOTECH INTERNATIONAL         2           CORP (GRAB ON)         14,8           OAKLEY         8           PANDA BIKE CO.         2           PHIL WOOD         3           PRO-TEC, INC.         1           RACE, INC.         5           RACE, INC.         5           RACE, INC.         5           RACE, INC.         10           RED LINE ENGINEERING         10           RIL.         9           SCHWINN BICYCLE CO.         10           SCOTTIMATHAUSER         3           SE RACING.         3           SHIMANO         3           SKYWAY RECREATION PRODUCTS         3           SAS PERFORMANCE         3           STICK-EM-UP         3           SUN TOUR         9           SUPERBYKE         3           TANGE         34, 3           TANGE         34, 3           TANGE SEIKI         17, 8           TERRYCABLE         7           TORKER         7	5 2 4 2 1 8 1 3 6 5 4 9 4 1 7 3 2 2 7 7 3 9 0 8 5 1 4 4 5 2
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14, 8  OAKLEY 8  PANDA BIKE CO. 2  PHIL WOOD 3  PRO-TEC, INC 11  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS. 3  R.L.L 93  R.L.L 93  SCHWINN BICYCLE CO. 10  SCOTTIMATHAUSER 3  SE RACING 5  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAMNO SKYWAY RECREATION PRODUCTS 3  SPORT SUPPLY 8  SAS PERFORMANCE 3  STEVR DAIMLER PUCH 8  STEVR DAIMLER PUCH 8  TSTICK-EM-UP 3  SUN TOUR 9  SUPERBYKE 3  TANGE 34, 3  TANGE 34, 3  TANGE 34, 3  TANGE 14, 3  TANGE 17, 8  TEAM CHICAGO 9  TERRYCABLE 7  TOORKER 7  TOORKER 7  TROKEL	5 2 4 2 1 8 1 3 6 5 4 9 4 1 7 7 3 2 2 7 7 3 9 0 8 5 1 4 4 5 2 6
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14.8  OAKLEY 8  PANDA BIKE CO. 2  PHIL WOOD 3  PRO-TEC, INC. 1  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS. 3  SI, LL. 9  SCHWINN BICYCLE CO. 10  SCOTTIMATHAUSER 3  SE RACING. 3  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHIMANO SKYWAY RECREATION PRODUCTS 3  SEPORT SUPPLY 8  AS PERFORMANCE 3  STEYR DAIMLER PUCH 8  STICK-EM-UP 3  SUP TOUR 9  SUPERBYKE 3  TANGE 34, 3  TANGE 5EIKI 17, 8  TERM CHICAGO 9  TERRY CABLE 7  TORKER 7  TORKER 7  TROKEL 11  US- SALES 94, 96, 96, 96, 96, 96, 96, 96, 96, 96, 96	512421881365494177327739085144452677
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14.8  OAKLEY 8  PANDA BIKE CC 2  PHIL WOOD 3  PRO-TEC, INC 1  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  SI ALL 9  SCHWINN BICYCLE CO 10  SCHWINN BICYCLE CO 10  SCHWINN BICYCLE CO 10  SKYWAY RECREATION PRODUCTS 3  SE RACING SHAMEN 10  SHAKESPEARE'S 10  SHIMANO 15  SAS PERFORMANCE 3  STEYR DAIMLER PUCH 8  STICK-EM-UP 3  SUPERBYKE 3  TANGE 34.3  TANGE SEIKI 17, 8  TEAM CHICAGO 9  SUPERBYKE 7  TANGE 5  TEAM CHICAGO 9  SUPERBYKE 7  TANGE 14.3  TANGE 5  TEAM CHICAGO 9  SUPERBYKE 7  TEAM CHICAGO 9  SUPERBYKE 7  TEAM CHICAGO 9  SUPERBYCABLE 7  TORKER 7  TROKEL 1  US. SALES 94, 96, 9  WEST COLST STEEL SITE SITE SITE SITE SITE SITE SITE SITE	512421881365494177327739085144452677
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14,8  OAKLEY 8  PANDA BIKE CO. 2  PHIL WOOD 3  PRO-TEC, INC 11  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  SILL 9  SCHWINN BICYCLE CO. 10  SCOTTI MATHAUSER 3  SE RACING 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  SHAKESPEARE'S 10  STEYR DAIMLER 11  SUPERBYKE 3  TANGE 34,3  TANGE 34,3  TANGE 14,7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 94,96,9  WEST COAST CVCLE 11  WESTERN STATES IMPORTS  (DIAMOND BOCK) 5  SETERN STATES IMPORTS	5124218136549417732277390851444526773
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14.8  OAKLEY 8  PANDA BIKE CO 2  PHIL WOOD 3  PRO-TEC, INC 1  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  SI ALL 9  SCHWINN BICYCLE CO 10  SCHWINN BICYCLE CO 10  SHAKESPEARE'S 10  SHIMANO SKYWAY RECREATION PRODUCTS 3  SE RACING 15  SHAKESPEARE'S 10  SHIMANO 8  STEVR DAIMLER PUCH 8  STEVR DAIMLER PUCH 8  STICK-EM-UP 33  STEVR DAIMLER PUCH 8  STICK-EM-UP 37  SUN TOUR 9  SUPERBYKE 3  TANGE SEIKI 17, 8  TEAM CHICAGO 9  TERRYCABLE 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 94, 96, 96  WEST COAST CYCLE 11  WESTERN STATES IMPORTS (DIAMOND BACK) 59  WEST COLST THINGS 9  WESTERN STATES IMPORTS (DIAMOND BACK)	5 2 4 2 1 8 1 3 6 5 4 9 4 1 7 3 2 7 7 3 9 0 8 5 1 4 4 5 2 6 7 3 1 4
MESSIER'S         3           NATIONAL HYDRON (MXL)         2           NEOTECH INTERNATIONAL         2           CORP (GRAB ON)         14,8           OAKLEY         8           PANDA BIKE CO.         2           PHIL WOOD.         3           PRO-TEC, INC.         1           RACE, INC.         5           RACE READY         8           RED LINE ENGINEERING         10           RRS         3           RLL         9           SCHWINN BICYCLE CO.         10           SCOTTI/MATHAUSER         3           SE RACING.         3           SHIMANO         3           SKYWAY RECREATION PRODUCTS         3           SAS PERFORMANCE         3           STEYR DAIMLER PUCH         8           STICK-EM-UP         3           SUN TOUR         9           SUPERBYKE         3           TANGE         34,3           TANGE         34,3           TANGE         17,8           TERRYCABLE         7           TORKER         7           TORKER         7           TORKER         7	15 12 12 13 13 16 16 16 16 16 16 16 16 16 16 16 16 16
MESSIER'S 3  MESSIER'S 3  NATIONAL HYDRON (MXL) 2  NEOTECH INTERNATIONAL CORP (GRAB ON) 14.8  OAKLEY 8  PANDA BIKE CO 2  PHIL WOOD 3  PRO-TEC, INC 1  RACE, INC. 5  RACE READY 8  RED LINE ENGINEERING 10  RRS 3  SI ALL 9  SCHWINN BICYCLE CO 10  SCHWINN BICYCLE CO 10  SHAKESPEARE'S 10  SHIMANO SKYWAY RECREATION PRODUCTS 3  SE RACING 15  SHAKESPEARE'S 10  SHIMANO 8  STEVR DAIMLER PUCH 8  STEVR DAIMLER PUCH 8  STICK-EM-UP 33  STEVR DAIMLER PUCH 8  STICK-EM-UP 37  SUN TOUR 9  SUPERBYKE 3  TANGE SEIKI 17, 8  TEAM CHICAGO 9  TERRYCABLE 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 7  TORKER 94, 96, 96  WEST COAST CYCLE 11  WESTERN STATES IMPORTS (DIAMOND BACK) 59  WEST COLST THINGS 9  WESTERN STATES IMPORTS (DIAMOND BACK)	15 12 12 13 13 16 16 16 16 16 16 16 16 16 16 16 16 16



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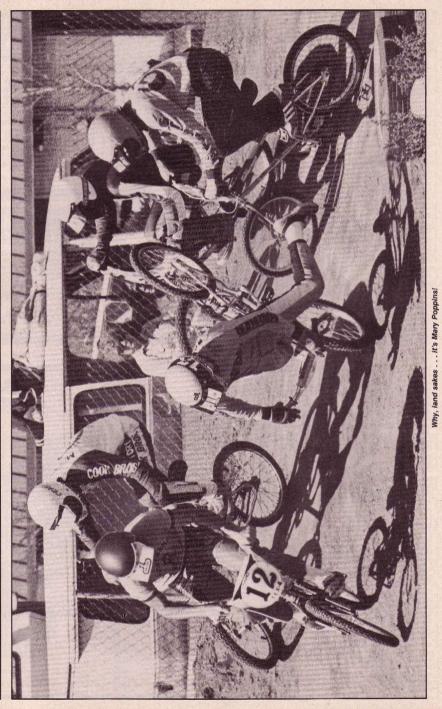
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