

BANSHEEVS.4-TRAX!

Is the reign of Red coming to an end?

In the beginning, bright red Hondas ruled. The ATC250R was the machine to beat. Then in '85, Suzuki released the first high-performance four-wheeler and race tracks began filling up with Suzuki yellow. One year later, Honda introduced its version of the high-performance quad and, even now, Honda still rules cross-country, motocross and stadium racing. Though the TRX250R was discontinued in '89, the aftermarket has kept the FourTrax alive.

Things are changing, though, at least in the Mickey Thompson stadium series. Up to '94, the displacement limit was around 250cc for Hondas. Now, for '95, the rules allow 350cc Banshee motors. When the first MTGP ATV race blasts off this year, 350cc Yamaha Banshees will line up next to the 250cc Hondas—and the Yamahas may eat them alive.

In many forms of closed-course racing, the high-revving Banshee struggles getting traction to the ground, while the more tractable Honda hooks up and leaves the Banshee spinning. However, the Mickeys are usually faster and much less technical than motocross tracks. Here, the Banshee could very well rule.

A STADIUM BANSHEE!

In preparation for the '95 MTGP season, Laeger's has developed a Pro-Trax Banshee chassis specifically for stadium racing. Mark Laeger notes, "We wanted a Yamaha that would handle more like our Honda-style chassis and we incorporated as many of those design concepts as possible. It's sort of like a TRX bottom half and a Banshee top half!"

Though the machine uses a Banshee motor and Banshee plastic, the rolling chassis is closer to Laeger's FourTrax-style offering. Sure, it looks like a Banshee, but it's really something completely different.

The chassis has many unique features, and many of them are up front. The frame is narrower by four inches and the A-arms are wider by four inches per side. This results in two inches per side over stock Banshee width. In addition, the A-arms are raked more rearward than on a stock Banshee. In other words, the front of all four A-arms is higher than the rear. When the suspension compresses, the A-arms move more rearward rather than straight up and down. This complements the natu-

ral tendency of A-arms to get pushed rearward as the quad speeds forward over bumps.

Like most changes, though, this design presents a problem: the front shocks (now leaning more rearward) will not clear the radiator. Laeger's solution of stretching the frame forward by one inch solves that and another problem inherent in all stock Banshees: too much weight over the front wheels. With the frame now stretched, both the rider and the heavier Banshee motor are closer to the rear wheels where this weight can be used to advantage for more traction. In order to bring even more weight over the rear wheels, the swingarm has been shortened by 1-1/2 inches

Though the relative position of the swingarm pivot and countersprocket remains stock, the upright frame member at the swingarm pivot is tilted more rearward. Why? To give more support to the rear CR500 shock, which is tilted more upright. What is the advantage of that? Laeger explains, "On the stocker, the rear shock is tilted more forward. When the suspension compresses, the shock

FEBRUARY 1995 / 3&4 WHEEL ACTION 49



Will the screaming 350 Banshee (top) be competitive in the stadiums? Most of the major engine tuners think so. A big-bore 250R would be nice, but MTGP rules allow only a .080" overbore on the 250, or around 260cc—the same as the GNC limit. The Banshee can be bored .040" over, which brings the stock displacement of 347cc up to about 350.

tends to push the frame forward and the front end down. This is another reason why the Banshee feels front heavy. A more vertical shock position eliminates this."

The weight of Laeger's Pro-Trax Banshee is about 25 pounds heavier than his Honda-style Pro-Trax, which is just about the weight difference between the motors. More important, however, is the weight bias front to rear. The Honda-style is about 50% front and 50% rear. A stock Banshee is 53-47. Laeger's Banshee is 50/50—quite an improvement.

ON THE TRACK

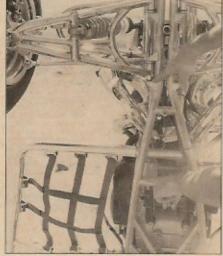
All the theory in the world doesn't mean a thing if it doesn't work on the track. Just as race results have born out Laeger's Honda-style chassis designs, the Pro-Trax Banshee looks like it may score another direct hit. The front end does feel lighter and the machine is more nimble.

According to '93 MTGP champ Doug Eichner, "I'll have to get used to rolling on that extra power, but the extra weight doesn't seem like a big factor and the bike jumps well. Compared to stock Banshees, it's much more forgiving if you get out of shape and it doesn't beat you up. The bars feel a little taller than on a Honda, but the seat heights seem similar."

So, if MTGP is allowing up to 350cc, then why not run a Honda motor with a big-bore kit? The rules allow only a slight overbore on either the Honda or Banshee motor. The idea is to get a machine currently in production, the

RIDER SONSORS Rider Doug Eichner Rider wight 1-66 ib. 16 i		LAEGER'S 1995 MICKEY THOMPSON PRO-TRAX BANSHEE	LAEGER'S 1995 MICKEY THOMP- SON PRO-TRAX 250R
Rider weight Possers Possers Resing, Oregon Mediceports Resing, Oregon Medi	RIDER/SPONSORS		
Ridder height Main sponsors Leger's Duncan Ribbing/Paul Turner Report Duncan Ribbing/Paul Turner Ribbing/Paul Ribbing/Ribbing/Paul Turner Ribbing/Paul Turner Ribb	Rider	Doug Eichner	Doug Eichner
Main spoñeor Reing, Oregon Motorsports PRING, Oregon Motorsports PRING, Oregon Motorsports PRIN, MINF, Answer, Braking, Trok, Douglas, Morn & Dard Oudd Leger Pro-Trax Lege			
Co-aponsora PP, MMF, Answer, Braiding, Trick, Dico, Olympic Powder Coating, Douglas, Mon & Dougl			
Co-apensors PEP, MMF, Answer, Braking, Trick Dico, Opmpic Powder Ceating, Douglas, Mon & Dadi MACHINE Cludd Lager Pto-Trax Lager Pto-Trax (4130 Chromoly) MoTOR Motor Porting	Main sponsor	Laegers, Duncan Hacing/Paul Turner	Laeger's, Duncan Racing/Paul Turner Recing Overcon Motorsports
MACHINE Duoglas, Mon & Daol Pour Trax Laeger Pro-Trax (4130 chromoly) MOTOR MOTOR Motor .96 Banshee .198 Hondar/Duncan Racing w/99 ban Motor .96 Banshee .198 Hondar/Duncan Racing w/99 ban Pour Trax (4130 chromoly) Pour Motor Pour Motor .96 Banshee .198 Hondar/Duncan Racing w/99 ban Pour Trax (4130 chromoly) Pour Motor .96 Banshee .198 Hondar/Duncan Racing w/99 ban Pour Trax (4130 chromoly) Pour Motor .198 Hondar/Duncan Racing w/99 ban Pour Byramid Reed Valve .298 Stock Carburetor(s) .293 stem Kein Pu Walburer Pour Motor .298 Stock .298 Montan Racing Trax (4130 chromoly) Pipo(a)/alelencer(s) .294 stem Kein Pu Walburer Pour Machine .298 Stock .298 Montan Racing Chromoly Pipo(a)/alelencer(s) .298 Montan Racing DR-C33 clutch kit w/. Pour Laving .297/32-1 .298 Machine .298 Stock Pour Laving .298 Stock .298 Machine .298 Mach	Co-sponsors	PEP, MMF, Answer, Braking, Trick	PEP, MMF, Answer, Braking, Trick,
Ouad Lager Pro-Trax Lager Pro-Trax Lager Pro-Trax Lager Pro-Trax Lager Pro-Trax (4130 chromoly) Lager Pro-Trax (4130 chromoly) Motor Porting Paul Turner National micrange and Powerhade (not available for photos). Platon(e) Powerhade (not available for photos). PRO X Ingention/Uning Stock withywheel lightened Stock w		Dico, Olympic Powder Coating,	Dico, Olympic Powder Coating,
Lagger Pro-Trax Lagger Pro-Trax (4130 chromoty) Lagger Pro-Trax (4130 chromoty) Lagger Pro-Trax (4130 chromoty) Lagger Pro-Trax (4130 chromoty) Porting Powerhead (not available for photos) Powerhead (not available for photos) Pro-Pro-Pro-Pro-Pro-Pro-Pro-Pro-Pro-Pro-		Douglas, Mom & Dad!	Douglas, Mom & Dad!
Motor Motor Note Motor Note Motor Note Note Note Note Note Note Note Note			
Motor 95 Banshee 98 Honda/Duncan Racing w/96 ban Porting Porting Paul Turner National midrange and Paul Turner Hyperdyne cylinder and Powerhead (not available for photos). Powerhead (not available for photos). Powerhead (powerhead (not available for photos). Paul Turner (powerhead (not available for photos). Paul Powerhead (no	Quad	Laeger Pro-Trax	Laeger Pro-Trax
Notor 95 Banshee. 98 Honda/Duncan Racing w/99 bar Porting Paul Truner National midrange and Powerhead (not available for photoe). Peoch and photoe). Peoch and photoe (not available for photoe). Peoch and photoe). Peoch and photoe (not available for photoe). Peoch and photoe). Peoch and photoe (not available for photoe). Peoch and photoe). Peoch and photoe (not available for photoe). Peoch and photoe). Peoch and photoe (not available for photoe		Laeger Pro-Trax (4130 Chromoly)	Laeger Pro-Trax (4130 chromoly)
Poston(e) Peiston(e) P		'05 Ranches	'88 Honds/Duncan Racing w//89 harrel
Powerhead (not available for jorbotoe). PRO-X Ignition/filming PRO-X Ignition/filming Stock willywheel lightened Stock Chempon NSVC Denotion NSVC Denotion NSVC Ocarburator(s) Description of the stock	Porting	Paul Turner National midrance and	Paul Turner Hyperdyne cylinder and
Piston(e) [priston/timing Stock willywheel lightened Stock willywheel lightened Spark plugle) Champion N8VC Champion N8VC Champion N8VC Champion N8VC Uncen Pyramid Reed Valve Duncan Pyramid Reed Valve Duncan Pyramid Reed Valve Distonary Pyramid Reed Valve Duncan Pyramid Reed Valve Distonary Reed Valve Distonary Pyramid Reed Valve Distonary Pyramid Reed Valve Distonary Pyramid Reed Valve Distonary Reed Valve Distonary R	A STATE OF THE PARTY OF THE PAR	Powerhead (not available for photos).	Powerhead
Ignition/filming	Dieton(e)	PRO-Y	PRO-Y
Spark plugle) Champion N8YC Carburetor(s) Duncan Pyramid Reed Valve Duncan Pyramid Reed Valve Database Carburetor(s) (2) 34mm Keihin PJ wSuper Plow mode management of the Carburetor(s) (2) 34mm Keihin PJ wSuper Plow mode management of the Carburetor(s) (2) 34mm Keihin PJ wSuper Plow mode management of the Carburetor(s) (2) 34mm Keihin PJ wSuper Plow mode management of the Carburetor Stock Barathee wProfilow Management of the Carburetor Stock Barathee wProfilow Management of the Carburetor Stock Barathee wProfilow Management of the Carburetor Stock Hondar(san/Keitz) Paul Turner TRX Midrange/Fat Boy Boy Trick Wateria 927/32-1 Management of the Carburetor Management of the Carb	lanition/timina	Stock w/flywheel lightened	Stock
Carburetoris)	Spark plug(s)	Champion N6YC	Champion N6YC
mods and DR Master Flov intake manifold/boost bottle system Stock Branhee wProflow flags with the profession of the prof			
Airbox/filter/oil Stock Branshes w/Proflow Isinge/KAN/Maxims Pipe(a)/silencer(s) Pipe(a)/s	Carburetor(s)	(2) 34mm Keinin PJ WSuper Flow	John Keinin PJ W/Super Flow mods
Airbox/filter/oil Stock Branshee w/Proflow Hugher KAN/Kotz		manifold/hoost hottle system	
Final Fina	Airbox/filter/oil	Stock Banshee w/Proflow	Stock Honda/K&N/Klotz
Paul Turner TRX Midrange/Fat Boy	All Box III.		
Fuel Trick Maxima 927/32:1 Maxima 927/32:1 Cluteh DRIVE SYSTEM Cluteh Duncan Racing DR-C33 clutch kit w/ Hinson Racing Billet-Proof clutch basket basket w/Innan Racing Billet-Proof clutch basket w/Innan Racing Billet-Proof clutch basket w/Innan Racing mode/ Maxima MTL Race Mixima MTL Race Mixima MTL Race RK 520 O-ring Richard Mixima MTL Race RK 520 O-ring Sprocket Specialists Sprocket	Pipe(s)/silencer(s)	Paul Turner TRX Midrange/Fat Boy	Paul Turner TRX Midrange Race/Fat
2-stocke oil/ratio	The state of the s		Barrett State of the State of t
2-stocke oil/ratio	Fuel	Trick	Trick
Cituteh Duncan Racing DR-C32 clutch kit w/ Hisson Racing Billet-Proof clutch basket hisson Racing Billet-Proof clutch basket w/Hisson Racing Billet-Proof clutch basket with some Racing mods/ Maxima MTL Race RK 520 C-ring RS 520 c-ring Sprockets Sprocket Specialists Sprocket Sprocket Sprocket Sprocket S	2-stroke oil/ratio	Maxima 927/32:1	Maxima 927/32:1
Hinson Racing Billet-Proof clutch basket Stock w/Duncan Racing mods/ Honds w/Duncan Racing Hon		Duncan Pacing DD 022 at the filt out	Duncan Pacing DR C42 at 445 bit
Gearbox/oil. Stock wDuncan Racing mods/ Maxima MTL Race mods/Maxima MTL Race mods/Maxima MTL Race mods/Maxima MTL Race mods/Maxima MTL Race pyro-ling. Sprockets Sprockets Sprockets Sprocket Specialists (15/39) Sprockets Sprocket Specialists (15/39)	Oluten	Hipson Racing Billet-Rood clutch	w/Hinson Reging Billet-Proof clutch
Gearbox/oil Stock w/Duncan Racing mods/ Maxima MTL Race mods/Maxima MtL		basket	basket
Chain RK 520 O-ring RK 520 O-ring Sprockets Sprocket Specialists Sprockets Sprocket Specialists Sprocket Sprock	Gearbox/oil	Stock w/Duncan Racing mods/	Honda w/Duncan Racing
Gearing f/r FRONT END A-arms Laeger Pro-Trax (4130 chromoly, +3° PRONT END A-arms Laeger Pro-Trax (4130 chromoly, +3° per side) Spindles. Laeger Pro-Trax T-pin (aluminum & 4340 chromoly pins (430 chromoly pins) Front shocks PEP remote reservoir, 11° wheel travel Steering stem Laeger Pro-Trax (4130 chromoly) Wiswivel clevis Wiswivel clevis Versivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP Rear saled chromoly pins PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° travel Laeger Ro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Lae		Maxima MTL Race	mods/Maxima MTL Race
Gearing f/r FRONT END A-arms Laeger Pro-Trax (4130 chromoly, +3° PRONT END A-arms Laeger Pro-Trax (4130 chromoly, +3° per side) Spindles. Laeger Pro-Trax T-pin (aluminum & 4340 chromoly pins (430 chromoly pins) Front shocks PEP remote reservoir, 11° wheel travel Steering stem Laeger Pro-Trax (4130 chromoly) Wiswivel clevis Wiswivel clevis Versivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP REAR END Sulngarm Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP Rear saled chromoly pins PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° wheel travel Laeger Pro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Wiswivel clevis PEP remote reservoir, 11° travel Laeger Ro-Trax (4130 chromoly) Laeger Pro-Trax (4130 chromoly) Lae	Chain	RK 520 O-ring	RK 520 O-ring
FRONTEND A-arms Lasger Pro-Trax (4130 chromoly, Laeger Pro-Trax (4130 chromoly, +3" per side) Lasger Pro-Trax T-pin (aluminum Laeger Pro-Trax T-pin (aluminum & 4340 chromoly pins) Front shocks Steering stem Laeger Pro-Trax (4130 chromoly) Wiswind clevis FPP remote reservoir, 11" wheel travel Laeger Pro-Trax (4130 chromoly) Wiswind clevis FPP PEP FERATEND Steering stabilizer REAR END Steering stabilizer REAR END Steering stabilizer PPP REAR END Steering stabilizer Rear shock 91 Honda CR500 whemote reservoir and linkage, 10,25" travel, modified by Laeger, valved by PEP Laeger, valved by PEP TIRES/WHEELS/HUBS Tires fir Sixal-Trak/Hoosers Sixal-Trak/Hoose	Sprockets	Sprocket Specialists	Sprocket Specialists
A-arms Laeger Pro-Trax (4130 chromoly, +3" per side) Spindles Laeger Pro-Trax (5130 chromoly, +3" per side) Laeger Pro-Trax T-pin (aluminum Laeger Pro-Trax T-pin (aluminum & 4340 chromoly pins) Front shocks PEP remote reservoir, 11" wheel travel Laeger Pro-Trax (4130 chromoly) Steering stabilizer PEP PEP Per Steering stem Laeger Pro-Trax (4130 chromoly) Welswheel clevis Washivel clevis PEP PEP PEP PEP PEP PEP PEP PEP PEP PE	Gearing f/r	15/41	15/39
Spindles Laeger Pro-Trax T-pin (aluminum Laeger Pro-Trax T-pin (aluminum & & 4340 chromoly pins) Front shocks PEP remote reservoir, 11" wheel travel Steering stem Laeger Pro-Trax (4130 chromoly) Westivel clevis Westivel clevis PEP REAR END Steering stabilizer REAR END Steering	FRONT END	I B. T. (1100 shows)	Lance Bro Tree (4400 shoreship 9)
Laeger Pro-Trax T-pin (aluminum	A-arms		ner eide)
Front shocks PEP remote reservoir, 11" wheel travel Steering stem Laeger Pro-Trax (4130 chromoly) w/gwivel clavis Vegwivel cla	Spindles	Laeger Pro-Trax T-pin (aluminum	Laeger Pro-Trax T-pin (aluminum &
Steering stabilizer PEP PEP REAR END Swingarm Laeger Pro Trax (-1 1/2"). Rear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. PEP Rear shock 191 Honda CR500 w/remote reservoir. and linkage, 10.25" travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires f/r. Riken radials grooved by Riken radials grooved by Caegon, work of the stable of the	Spiritios.	& 4340 chromoly pins)	4340 chromoly pins)
Steering stabilizer PEP PEP REAR END Swingarm Laeger Pro Trax (-1 1/2"). Rear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. PEP Rear shock 191 Honda CR500 w/remote reservoir. and linkage, 10.25" travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires f/r. Riken radials grooved by Riken radials grooved by Caegon, work of the stable of the	Front shocks	PEP remote reservoir, 11" wheel travel	PEP remote reservoir, 11° travel
Steering stabilizer PEP PEP REAR END Swingarm Laeger Pro Trax (-1 1/2"). Rear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. Dura Blue/Skat Trak Pear sxle/carrier. PEP Rear shock 191 Honda CR500 w/remote reservoir. and linkage, 10.25" travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires f/r. Riken radials grooved by Riken radials grooved by Caegon, work of the stable of the	Steering stem	Laeger Pro-Trax (4130 chromoly)	Laeger Pro-Trax (4130 chromoly
REAR END Swingarm Laeger Pro Trax (-1 1/2") Rear axle/carrier Pours Blue/Skat Trak Rear shock 191 Honda CR500 w/remote reservoir and linkage, 10.25" travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires t/r Skat-Trak/Hocsiers Skat-Trak/Hocsiers Motorsports/Hoosier Tire sizes f/r 145x10/18x10-10 11/56 to 7 12/6			
Swingarm		PEP	PEP
Rear sklockarrier Pear sklockarrier Pit Honda CR500 w/hemote reservoir and linkage, 10,25° travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires t/r Piken radials grooved by Piken radials grooved by Piken radials grooved by Piken radials grooved by Cregor Polymers with District Piken		L B T (4 4 100)	1 Por Form 41
Rear shock 91 Honda CR500 w/remote reservoir and linkage, 10.25* travel, modified by Laeger, valved by PEP Lae	Bear evic/corrier	Dura Blue/Skat Trak	Dura Blue/Skat Trak
and linkage, 10.25' travel, modified by Laeger, valved by PEP TIRES/WHEELS/HUBS Tires f/r Riken radials grooved by Riken radials grooved by Cregon Skat-Trak/Hocsiers Tire sizes f/r 145x10/18x10-10 Tires-PSI f/r 12/8 to 7 Wheels f/r Douglas/same w/Champion Bead Locks Brakes Stock Honda BrakES Brakes Stock Honda Brakes Brake otors Braking Brake ilnes Frastine (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, CR500 bend Motion Pro CR style Clutch lever Cables Stock Banshee clutch, Motion Pro Stock Honda Grips Scott Tether kill switch Mriscell LaNEOUS North are MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs THES PRODUCTS Answer Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade Town and Iirkage, 11' travel, modified by Laeger's 4130 chromoly rear brake and linkage, 11' travel, modified by Laeger's 4130 chromoly rear brake Rallen radials grooved by Oregon Miscraper Miscraper Alkst 10'18x10-10 12/8 to 7 1	Rear shock	'91 Hoods CR500 w/remote reservoir	'91 Honda CR500 w/remote reservoir
Tires f/r Riken radials grooved by Riken radials grooved by Oregon Skat-Trak/Hoosiers Motorsports/Hoosier Tire sizes f/r 145x10/18x10-10 1145x10/18x10-10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/1	1100	and linkage, 10.25' travel, modified by	and linkage, 11" travel, modified by
Tires f/r Riken radials grooved by Riken radials grooved by Oregon Skat-Trak/Hoosiers Motorsports/Hoosier Tire sizes f/r 145x10/18x10-10 1145x10/18x10-10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/18x10 1145x10/1		Laeger, valved by PEP	Laeger, valved by PEP
Tires lizes f/r 145x10/18x10-10 145x10/18x10-10 Tires-PSI f/r 12/6 to 7 12/6	TIRES/WHEELS/HUBS		
Tires sizes f/r 145x10/18x10-10 145x10/18x10-10 Tires-PSI f/r 12/6 to 7 20glas/same w/Champion Bead Locks Seat Douglas/same w/Champion Bead Locks Seatenbied by Oregon Motorsports Stock Honda Brakes Stock Honda Stock Honda Brakes Stock Honda Stock Honda Brake rotors Braking Braking Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 Dend Dend Dend Dend Dend Dend Dend Dend	Tires f/r	Riken radials grooved by	Riken radials grooved by Oregon
Tires-PSI f/r Wheels f/r Douglas/same w/Champion Bead Locks Bead Locks Bead Locks Bead Locks Bead Locks Brakes Brakes Brakes Brakes Brakes Brakes Brake rotors Brake lines Frake lines Fra		Skat-Trak/Hoosiers	Motorsports/Hoosier
Wheels f/r Bead Locks Bead Locks Bead Locks Bead Locks Bead Locks Stock Honda Brakes Brakes Brakes Brakes Brakes Brakes Brake rotors Braking Cextone CR500 PEP Cables CRacy CRestyle throttle Grips Scott Scott Tether kill switch Pro-Design MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Duncan Racing/MMF Cascade Body plastic '95 Banshee (trimmed) See nerfs) Other Special Setures & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake Experimental track track Laeger's 4130 chromoly rear brake			
Hubs Stock Honda Stock Honda BRAKES Brakes Stock Honda Stock Honda Brake rotors Braking Braking Braking Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend bend bend bend bend bend bend bend	Wheels f/r	Douglas/sams w/Champion	
Hubs Stock Honda Stock Honda BRAKES Brakes Stock Honda Stock Honda Brake rotors Braking Braking Braking Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend bend bend bend bend bend bend bend	Wilders of Commission	Read Locks	Locks assembled by Oregon
BRAKES Brakes Stock Honda Stock Honda Brake rotors Braking Braking Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend bend Throttle Motion Pro CR style CR500 Clutch lever CR500 PEP Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Grips Scott Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Cascade Body plastic '95 Banshee (trimmed) '89 Honda FourTrax 250R w/custom nosepiece Covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake		Dead Cours	
Brakes Stock Honda Braking Bra	Hubs	Stock Honda	Stock Honda
Brake rotors Braking Frakting Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend Dend CR500 bend CR500 bend CR500 Clutch lever CR500 Motion Pro CR style CR500 PEP Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Grips Scott Scott Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Duncan Racing/MMF Seat Cascade Cascade Cascade Cascade Cascade Sody plastic '95 Banshee (trimmed) '86 Banshee (trimmed) '89 Honda FourTrax 250R w/custom nosepiece (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake			
Brake lines Fastline (extended) Fastline (extended) HANDLEBARS/CONTROLS Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 Dend Dend Dend Dend Dend Dend Dend Dend			
Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend CR500 bend CR500 bend CR500 bend CR500 Clutch lever CR500 Motion Pro CR style Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Scott	Brake rotors	Braking	Braking
Handlebars Answer Pro-Taper aluminum, Answer Pro-Taper aluminum, CR500 bend CR500 bend CR500 bend CR500 bend CR500 Clutch lever CR500 Motion Pro CR style Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Scott	Brake lines	Fastine (extended)	Fastine (extended)
Throttle CR500 bend Motion Pro CR style CR500 Clutch lever CR500 PEP Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Grips Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF wintegral Pro-Peg footpegs MMF wintegral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Cascade Cascade Body plastic 95 Banshee (trimmed) 98 Honda FourTrax 250R w/custom nosepiece Covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake	Handlebars	Answer Pro-Tener aluminum	Answer Pro-Taner stuminum, CR500
Throttle Motion Pro CR style CR500 Clutch lever CR500 PEP Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/t/MMF Seat Cascade Cascade Body plastic '95 Banshee (trimmed) '89 Honda FourTrax 250R w/custom nosepiece Footpegs (see nerfs) (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake		COTOR hand	Salar Sa
Clutch lever CR500 PEP Cables Stock Banshee clutch, Motion Pro Stock Honda CR-style throttle Grips Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Cascade Cascade Cascade Body plastic '96 Banshee (trimmed) '89 Honda FourTrax 250R w/custom nosepiece (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake	Throttle	Motion Pro CR style	CR500
Cables Stock Barshee clutch, Motion Pro Stock Honda CR-style throttle Grips Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Cascade Cascade Body plastic 95 Banshee (trimmed) 'a9 Honda FourTrax 250R w/custom nosepiece Footpegs (see nerfs) (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's 4130 chromoly rear brake	Clutch lever	CR500	PEP
Grips Scott Scott Tether kill switch Pro Design Pro-Design MISCELLANEOUS Nerf bars MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Cascade '89 Honda FourTrax 250R w/custom nosepiece Footpegs (see nerfs) Outenwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Tumer Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Lagger's 4130 chromoly rear brake	Cables	Stock Banshee clutch, Motion Pro	Stock Honda
Tether kill switch Pro Design Pro-Design MISCELLANEOUS Norf bars		CR-style throttle	and the second
MISCELLANEOUS Nerf bars Nerf bars Nerf bars NMF w/integral Pro-Peg footpegs NMF w/integral Pro-Peg footpegs Duncan Racing/MMF Seat Seat Cascade Cascade Sed y plastic Seat Softpegs OTHER SPECIAL SETUPS A PRODUCTS Outenwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake			
Nerf bars Front bumper/grab bar MMF w/integral Pro-Peg footpegs MMF w/integral Pro-Peg footpegs Duncan Racing/MMF Cascade Cascade Body plastic 95 Banshee (trimmed) 95 Banshee (trimmed) 96 Banshee (trimmed) 97 Banshee (trimmed) 98 Honda FourTrax 250R w/custom nosepiece (see nerfs) OTHER SPECIAL SETUPS A PRODUCTS Outenwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Tumer Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake		Fro Design	Pro-Design
Front bumper/grab bar MMF/stock Duncan Racing/MMF Seat Cascade Gascade	Nerf bars	MMF w/integral Pro-Peg footness	MMF w/integral Pro-Peg footness
Seat Cascade. Cascade Body plastic '95 Banshee (trimmed). '89 Honda FourTrax 250R w/custom nosepiece (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake	Front bumper/grab ber	MMF/stock	Duncan Racing/MMF
Body plastic 95 Banshee (trimmed) 89 Honda FourTrax 250R w/custom nosepiece Footpegs (see nerfs) (see nerfs) OTHER SPECIAL SETUPS & PRODUCTS Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover. Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake	Seat	Cascade	Cascade
Footpegs (see nerfs)	Body plastic	'95 Banshee (trimmed)	'89 Honda FourTrax 250R w/custom
& PRODUCTS. Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake			
& PRODUCTS. Outerwears Shock Savers shock covers, Duncan Racing quick change clutch cover, Paul Turner Racing clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake	Footpegs	(see nerfs)	(see nerfs)
covers, Duncan Racing quick change ers, Duncan Racing quick change clutch cover, Paul Turner Racing clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto exhaust clamps. cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake	OTHER SPECIAL SETUPS	Outcomes Charle Course short	Outcourses Shook Course shook
clutch cover, Paul Turner Racing clutch cover, Paul Turner Racing exhaust clamps, Cascade magneto exhaust clamps. cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake	a PHODUCIS		
exhaust clamps, Gascade magneto exhaust clamps. cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake		clutch cover. Paul Turner Racing	clutch cover. Paul Turner Recipo
cover, Nac's parking brake block off plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake			
plate, Laeger's carbon fiber intake tract, Laeger's 4130 chromoly rear brake		cover Nee's perking broke black off	
Laeger's 4130 chromoly rear brake		plate. Laeger's carbon fiber intake tract.	
		Laeger's 4130 chromoly rear brake	
rotor guard.		rotor guard.	

COMPARATIVE WIDTHS					
	Stock frame front- end width at bottom A-arm pivot	Laeger's frame front-end width at bottom A-arm pivot	Laeger's A-arm width (per side) over stock A-arm width	Resulting overall front-end width (per side) over stock	
Banshee	7-5/8"	3-5/8"	+4"	+2"	
'88-'89 FourTrax					
250R	5-5/8"	3-5/8"	+3"	+2"	
Suzuki LT250	8-1/4*	3-5/8*	+4-5/16"	+2"	



Compare this to a stock Banshee frame and you will see the differences. Indicated here is the area of the Banshee frame that has been stretched forward. The result is a lighter front end and a more even front-torear weight bias. Also notice the narrower frame at the bottom A-arm pivots.

Banshee, into racing and we think it's a great idea. The MTGP, with its high-speed courses, is a perfect showcase for the screaming Banshee. Imagine how cool a swarm of Banshees is going to sound tearing around the LA Colise-um! At any event, a rider will have the option of racing either a Honda or Banshee, but whichever machine he qualifies on will be his machine for the evening.

year ago I would not have thought it was possible, but seeing how well our Banshees have done at the 12 Hours of Pont de Vaux [France], I'm convinced.

"Including the Banshee in the Mickeys is good for everyone; the fans will have something new and it's good for the aftermarket. I will probably have two or three riders on Banshees in '95: Doug, Jesse Wozniak and maybe Mark Ehrhardt."

Wayne Hinson (Hinson Racing) is also pleased with the new class, and feels that the '94 Denver track and maybe Vegas and Seattle, would have suited the Banshee. However, Wayne also feels that there may not be enough time for R&D before the season begins to put the '94 MTGP champ, Gary Denton, on a Banshee

Gary's motor builder, Arlan Lehman (LRD), plans to put #2-ranked Greg Stuart on a Banshee and feels that it will be possible to get enough traction from the high-revving twin-cylinder: "To smooth out the power and get more low-end, we'll run a longer pipe, change the porting and run 28mm carbs. Even de-tuned with less topend, the Banshee will still make at least ten more horsepower than the Honda."



A CR500 shock (with linkage) has become the hot setup on FourTraxes and it makes sense to run it on the Banshee, too. Notice Laeger's brake rotor guard and the Hondastyle axle carrier and chain adjustment.

Which tracks will favor the Banshee and which favor the Honda remain to be seen, but if the '94 tracks were any indication, there will be some close racing this year. Says Eichner, "The faster tracks like Denver would certainly have been Banshee tracks."

Doug's motor builder, Loren Duncan, is even more enthused: "The Banshee would have smoked at least 75% of last year's MTGP tracks. A



The upright frame member indicated here was positioned more vertically to provide a solid anchor for the rear shock, which is positioned more upright. Notice that the stock Banshee airbox has been moved back to clear the shock and Laeger has fabricated slick dual aluminum intakes. The intake tract hoses slide rearward to allow working on the carb. About the only stock Banshee parts left on this raceready machine are the motor, wiring harness, radiator, gas tank, airbox and plastic. One distinct FourTrax advantage is quick plastic removal: two bolts (in race trim) as opposed to 19 for the Banshee.

YAMAHA INVOLVEMENT?

It's been many years since the big factories were involved in ATV racing, and with the inclusion of Banshees at the Mickeys, that may be changing. According to former MTGP champ and current MTGP race director Jimmy White, there is a good chance that Yamaha will offer contingencies to Banshee riders. The proposed budget for the year is \$13K—\$1000 for a main-event win and \$5000 for the series win. This is certainly a nice shot in the arm for ATV racing—one which Honda has shown no interest in tossing our way.

Racing is full of changes and surprises, and when the MTGP season opens at Anaheim, there will be some wild new sights and new sounds—maybe even a 350cc twin in the winner's circle.



Which machine will dominate the '95 MTGP series? With a chassis more like a Laeger/Honda and motor mods extracting the maximum torque, the Banshee may pose a real threat to Hondas. However, regardless of the final verdict, everyone agrees that it's a great move to allow a machine that is currently in production to compete in the Mickeys.



Long enough A-arms for you? The final width is 2" wider than stock. Though this machine uses stock Honda brakes, the Pro-Trax T-pin spindles can also be designed for Banshee brakes.

