
PIVOT
CYCLES
2011



Welcome to the Pivot Cycles® family.

This is a big year for us and our customers. 2011 marks the first time in Pivot Cycles history that we've redesigned our two best selling models. The all new Mach 4 has been completely redesigned with performance and weight savings in mind. We've made our dw-link® cross country bike lighter, faster and even more versatile. It's the only cross country bike that truly has the perfect combination of weight savings and efficiency to be raced at the highest level of the sport. At the same time, the Mach 4 offers such incredible suspension performance that it can be enjoyed by all levels of rider on just about any trail.

It's this versatility that runs deep throughout the entire Pivot line. Our Mach 5 has proven to excel at racing competitively and yet doesn't shy away from being ridden hard on all trails. It bridges the gap between race bike and long travel trail machine. This year, we take versatility to a new level by introducing the Mach 5.7. We dropped the weight, added travel, increased frame stiffness and made some key improvements to the overall geometry. We've also worked closely with Fox Racing Shox to ensure our bikes take advantage of the latest and greatest improvements in suspension technology. This technology flows through our entire line of bikes from the new Mach 4 and Mach 5.7 to the 429, Firebird, and of course the incredible Phoenix DH World Cup downhill bike currently being raced to top World Cup and National Championship finishes. The result is an entire line of bikes that allow you to go faster with better control and ultimately enjoy your ride even more-regardless of the Pivot Cycles model you choose to ride.

Our goal is to continually provide the most cutting edge products that meet the needs of our enthusiast customers in every category. This year we've received two MTBR.com awards: One for the Mach 4 (Best XC Suspension Bike); and one for the Mach 5 (Best Trail Bike). We are very proud of these awards because they were voted on by our customers. I want to thank every one of our customers, dealers, friends and family for supporting Pivot Cycles since our inception. We value the relationships we've developed, and are happy to be involved in such a great sport where we have the ability to bring happiness through enhancing your riding experience. If you are already a Pivot Cycles rider, we hope you like the improvements to the new line and if you are looking at a Pivot for the first time, we are excited to welcome you to the family.

Sincerely,

Chris Cocalis
President, Pivot Cycles

















PIVOT CYCLES®

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MACH4



Anodized Jet Black
w/SRAM XX 2 x 10 21.80lbs.



Anodized
Cobalt Blue
w/ New SRAM XO 2 x 10



Alpine White/
Night Black
w/ New Shimano XTR 2 x 10

The redesigned Mach 4 is the ultimate lightweight cross country and marathon race bike. Everyone from the World Cup rider to the average racer will appreciate its performance and versatility. The Mach 4 already exhibited world class pedaling performance for top level cross country riders. With the 2nd generation Mach 4, it's a whole new ball game!

- Optimized weight loss program: The Mach 4 frame lost 5/8ths of a pound with major increases in frame stiffness. A complete XX equipped bike now weighs only 21.8lbs. (9.8kg). 24-hour World Champion Jason English's race bike weighs in at 20lbs. (9kg).
- dw-link® suspension design with position-sensitive anti-squat make for the most efficient pedaling and best performing race bike on the market.
- More compact frame design increases stand-over clearance, with a lower center of gravity for increased rider confidence and control.
- New Fox RP23 Boost Valve shock with increased Propedal range is plusher in the fully open setting, and more usable Propedal options allow for better pedaling performance and bump absorption in all settings.
- 100mm rear travel with 100mm or 120mm fork compatibility.
- BB92 bottom bracket, direct mount front derailleur, 8 bearing dw-link®, and high-modulus carbon rocker add to the Mach 4's superior frames stiffness and incredible long-term durability.
- Tapered 1.5" headtube for increased front end stiffness and control.




Jason English: Reigning 24 hour World Champion

MACH 5.7



Anodized Graphite Grey
w/ New Shimano XT 3 x 10



Alpine White/ Night Black w/ New Shimano XT/SLX 3 x 10



Anodized Jet Black w/ New Shimano XTR 2 x 10

The best pedaling trail bike on the market just got better. We took the critically acclaimed Mach 5 and completely redesigned it for an even greater rider experience. Pivot Cycles engineering and dw-link® suspension with position-sensitive anti-squat come together for the most efficient pedaling, best performing trail bike on the market.

- Increased travel to 145mm.
- Dropped weight by ½ pound (approx 230 grams).
- Increased frame stiffness by 20%.
- Lower bottom bracket height and more relaxed geometry add up to better stability and increased rider confidence on the trail and on the race course.
- Tapered 1.5" headtube for increased front end stiffness and control.
- 140mm or 150mm fork compatibility.
- BB92 bottom bracket, direct mount front derailleur, 8 bearing dw-link®, and high-modulus carbon rocker add to the 5.7's superior stiffness, ease of set up and long term durability.











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dw-link

Women's
COLOR OPTIONS

MACH 5.7



Classy Pink
w/ New Shimano XT 3 x 10

Also available in Sky Blue/Alpine White



Sky Blue/
Alpine White w/ New
Shimano XT/SLX 3 x 10



Hot Pink/Night Black
w/ New Shimano XT 3 x 10

PIVOT CYCLES®

From the beginning we set out to build the ultimate suspension bikes for riders of all sizes. Our smallest sizes for the new Mach 4 and Mach 5.7 are designed from the ground up for lighter riders between 4'10" and 5'5". When it comes to fitting riders on the right size bike, we definitely DO NOT have a one size fits all approach. Our X-small and XX-small frame designs feature smaller diameter, lighter tubing, optimizing the frame weight and stiffness. These bikes feature a size-specific suspension design with custom suspension tuning to make sure the dw-link® suspension performs perfectly for smaller riders.

Rider size-specific geometry with properly proportioned top tube lengths and the lowest stand-over heights of any suspension bike in the market combine to give the perfect fit, incredible suspension performance and precise yet stable handling that every size rider has come to expect from Pivot Cycles. Whether you are a pro or just looking to have the best equipment, we have a model that will enable you to climb better, faster and ride with more confidence on technical trails–giving you that extra level of performance to show the guys how it's done.

- XX-small and X-small Mach 4 and X-small Mach 5.7 models feature rider size-specific tubing, geometry, and suspension tuning optimized for riders from 4'11 -5'5" tall.
- Even the XX-small Mach 4 frame is now designed for a 100mm travel fork and all Mach 5.7 models for 140mm travel!
- Women's specific color options are available in frame sizes from XX-small through Medium (So...if you're over 5'5", we have you covered with the same awesome array of color options).
- All rider size specific XX-small and X-small Mach 4 and X-small Mach 5.7 frame sizes are also available in all the standard color options.
- Tapered 1.5" Zero Stack headtubes maximize stand-over clearance while optimizing front end stiffness for precise handling and maximum control.
- New, more compact frame designs lower the center of gravity for better high speed stability and increased rider confidence.



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dw-link

MACH 429



Anodized Atomic Red
w/New Shimano XT 3 x 10



MACH 429

Anodized
Silver Bullet w/New
Shimano XT/SLX 3 x 10

Also available in
Alpine White/Deep Blue



MACH 429

Anodized
Jet Black w/SRAM XX 2 x 10

PIVOT CYCLES®

Using designs from Chris Cocalis and dw-link® designer Dave Weagle, the Mach 429 accelerates, descends, climbs and corners unlike any other 29er on the market. It delivers on the promise of ultimate efficiency and unsurpassed performance from its 29" wheels. The Mach 429 is a fun and efficient rig that'll have you smiling and winning.

- dw-link® suspension with position-sensitive anti-squat make for 26"-like acceleration with incredible frame stiffness, handling and control that other 29ers can't match.
- New Fox RP23 Boost Valve shock with increased Propedal range is plusher in the fully open setting, and more usable Propedal options allow for better pedaling performance and bump absorption in all settings.
- 100mm rear travel with 100mm or 120mm fork compatibility.
- Tapered fork-compatible oversize headtube (with Cane Creek XX headset) for increased front end stiffness and control.
- BB92 bottom bracket, direct mount front derailleur, 8 bearing dw-link® and high-modulus carbon rocker add to superior frame stiffness, ease of set up, and incredible long term maintenance free durability.









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FIREBIRD



Alpine White w/
Blue Camo decal kit
w/ New Shimano XT/SLX 3 x 10

Electric Green, Hot Pink, and Jet Black
decal kits included with each frame

The Firebird is your ultimate trail machine. We've harnessed Dave Weagle's ability to design the world's best downhill suspension and added exceptional climbing prowess and snappy acceleration. Build it up light for ultra-technical epics, or build it up big for gravity runs.

- 6.6" (167mm) of rear travel.
- dw-link® suspension with position-sensitive anti-squat make for a long travel 160mm+ travel trail bike that pedals like a 140mm bike, but soaks up hits better than many 8" travel bikes.
- Full-floating rear shock sits independently of the frame resulting in awesome small bump compliance and a controlled ride for every imaginable size and speed of hit.
- A 1.5" headtube offers true flexibility to run, 1.5, 1 1/8th, tapered, single crown, or dual crown forks.
- 160mm to 180mm fork compatibility.
- Patent-pending variable position floating front derailleur mount with a composite molded chain retention plate allows for smoother front shifting and better chain retention.

FIREBIRD



Anodized Jet Black w/ New Shimano XT 3 x 10

FIREBIRD



Anodized Root Beer w/ New Shimano XT 3 x 10

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dw-link

PHOENIX DH



Night Black w/Green decal kit

PHOENIX DH



Alpine White w/ Blue decal kit

The game-changing Phoenix DH is the ultimate World Cup downhill weapon. With the heritage of Dave Weagle's six World Championships behind it, the Phoenix DH has a distinct advantage in overall control and pedaling efficiency over other downhill bikes. Square edge bump absorption is incredible and the suspension remains stable and controlled in even the most extreme conditions.

- 8.15" (207mm) of travel.
- Raced to a 4th place Podium in the US Downhill National Championships by Kyle Strait and top 20 World Cup finishes by Mitch Delfs of Team Lex/Pivot
- Adjustable head angle with 0, and +/- ½, 1, or 1.375 degree settings via the CaneCreek Angleset.
- Changeable dropouts allow easy adjustment of wheelbase and BB height to suit course conditions and rider preferences.
- Shock and main linkage are mounted as low as possible in the frame, giving the Phoenix DH excellent cornering and handling characteristics and access to all damping adjustments on the Fox RC4 shock.
- Two-part hollow BB/seat tube/main pivot forging is both lightweight and incredibly stiff.
- Complete team bikes weigh in at sub 38lbs. (17kg).
- Standard 83mm Threaded shell with ISCG mounts.
- 150mm rear spacing with 12mm through axle.





Rider: Kyle Strait

Also available in
Alpine White w/ Orange decal kit
Alpine White w/ Green decal kit
Night Black w/ Orange decal kit
Night Black w/ Blue decal kit





Rider: Mitch Delfs

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Pivot Cycles® Merchandise

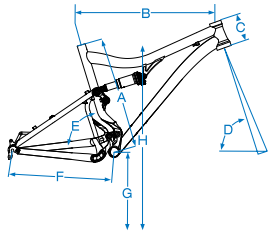




MACH 4

	A ST CtoT	B TT	C HT	D HTA	E STA	F CNSTY	G BB	H STDOVER
XX-SMALL	14.25	20.8	3.5	70	74	16.75	12.65	25.5
X-SMALL	15.75	22.25	4	70	73.5	16.75	12.8	26.5
SMALL	17.2	22.75	4.25	70.8	73	16.75	12.8	28.5
MEDIUM	18.5	23.25	4.5	70.8	73	16.75	12.8	28.75
LARGE	20	24	5.5	71	73	16.75	12.8	28.75
X-LARGE	21.5	24.6	6.1	71	73	16.75	12.8	29.5

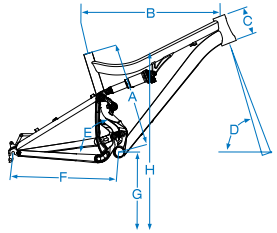
Geometry shown is with 100mm travel fork (470.9mm axle to crown)



MACH 5.7

	A ST CtoT	B TT	C HT	D HTA	E STA	F CNSTY	G BB	H STDOVER
X-SMALL	14.50	21.50	3.50	68.70	73.00	16.85	13.43	26.50
SMALL	16.50	22.60	4.50	68.70	72.70	16.85	13.43	27.75
MEDIUM	18.50	23.20	4.85	68.70	72.70	16.85	13.43	29.50
LARGE	20.50	24.20	5.70	68.70	72.70	16.85	13.43	29.50
X-LARGE	21.80	24.75	7.00	68.70	72.70	16.85	13.43	29.75

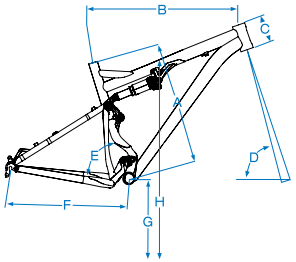
Geometry shown is with 140mm travel fork (510.9mm axle to crown)



MACH 429

	A ST CtoT	B TT	C HT	D HTA	E STA	F CNSTY	G BB	H STDOVER
SMALL	17.00	23.00	3.84	70.80	73.00	17.95	12.80	29.25
MEDIUM	18.50	24.00	4.00	71.20	73.00	17.95	12.80	29.50
LARGE	20.00	24.75	4.75	71.20	73.00	17.95	12.80	30.25
X-LARGE	22.00	25.75	6.00	71.50	73.00	17.95	12.80	31.00

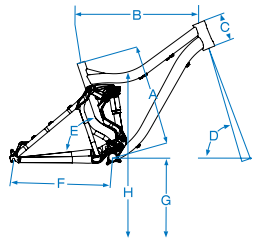
Geometry shown is with 100mm travel fork (500.8mm axle to crown)



FIREBIRD

	A ST CtoT	B TT	C HT	D HTA	E STA	F CNSTY	G BB	H STDOVER
SMALL	16.50	22.50	4.60	67.20	71.50	17.25	13.85	28.50
MEDIUM	17.75	23.00	4.75	67.20	71.50	17.25	13.85	28.50
LARGE	19.00	24.00	5.50	67.20	71.50	17.25	13.85	28.50
X-LARGE	21.00	24.60	6.10	67.20	71.50	17.25	13.85	29.00

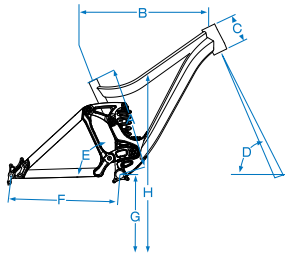
Geometry shown is with 160mm travel fork (545.3mm axle to crown)



PHOENIX DH

	A ST CtoT	B TT	C HT	D HTA	E STA	F CNSTY	G BB	H STDOVER
SMALL	15.60	22.40	4.40	64.00	65.00	17.25	13.60	29.00
MEDIUM	17.00	23.30	4.70	64.00	65.00	17.25	13.60	29.00
LARGE	18.00	24.30	4.90	64.00	65.00	17.25	13.60	29.00

Geometry shown is with 203mm travel fork (571.2mm axle to crown)



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