

2012



MACH429



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- › A LIGHT WEIGHT 29ER CROSS COUNTRY RACE, MARATHON, AND TRAIL BIKE WITH PERFORMANCE AND VERSATILITY THAT EVERYONE CAN APPRECIATE.



PERFORMANCE FOR TOP LEVEL

THE MACH 429 ALREADY EXHIBITED WORLD CLASS PEDALING PERFORMANCE FOR TOP LEVEL CROSS-COUNTRY RIDERS.

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NEW LIGHTER WEIGHT FRAME DESIGN!

- › OVER 1/2 LB. WEIGHT SAVINGS!
- › REMOVED WEIGHT FROM SHOCK TABS, BB FORGING, LOWER YOKE AREA, DROP OUTS, REAR TRIANGLE UPRIGHTS, AND LOWER DW-LINK.



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DESIGN DETAILS:

- › TAPERED HEADTUBE
- › 142 X 12MM THROUGH AXLE DESIGN
- › NEW FORGED 7075-T6 DERAILLEUR HANGER WITH INTEGRATED AXLE NUT.
- › 160MM REAR POST MOUNT.
- › 92MM WIDE BB SHELL, COMPATIBLE WITH SHIMANO, SRAM/TRUVATIV GXP, FSA, AND ENDURO BOTTOM BRACKETS. 92MM SHELL ALLOWS FOR WIDER PIVOTS AND BETTER BEARING SUPPORT FOR INCREASED FRAME STRENGTH AND STIFFNESS WHILE MAINTAINING BETTER CONTROL OVER THE CHAIN-LINE.
- › DIRECT MOUNT FD ACCOMMODATES SHIMANO 9 AND 10 SPEED. FULLY COMPATIBLE WITH SRAM (S3) XX FRONT DERAILLEURS AND 3X AS WELL AS 2X DRIVE TRAIN CONFIGURATIONS FROM BOTH SRAM AND SHIMANO. THE DIRECT MOUNT DESIGN ENSURES PERFECT FRONT DERAILLEUR LOCATION, EASIER SET UP, A MORE RIGID MOUNT FOR THE MOST EFFICIENT FRONT SHIFTING POSSIBLE.

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DESIGN DETAILS CONTINUED:

- › NEW SHOCK TAB DESIGN W/ INTEGRATED CABLE GUIDES AND CLEAN CABLE ROUTING AS WELL AS A CLEANER LOOK AND LIGHTER WEIGHT.
- › NEW PIVOT ISCG 05 ADAPTOR PLATE COMPATIBILITY FOR USE WITH SINGLE RING RIDERS.
- › 100MM OR 120MM FORK COMPATIBILITY.
- › COLORS: BLUE ANODIZED, BLACK ANODIZED, POWDER COAT WHITE WITH BLUE/BLACK GRAPHICS.

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SUSPENSION:

- › DW-LINK SUSPENSION DESIGN WITH POSITION SENSITIVE ANTI-SQUAT
- › FULLY ACTIVE UNDER BRAKING
- › 100MM REAR TRAVEL
- › SHORTER 1.75" STROKE SHOCK W/ INCREASED LEVERAGE RATIO. INCREASES SHOCK PRESSURES WHICH ALLOWS FOR A MORE USABLE RANGE OF TUNING AND ADJUSTMENTS (ESPECIALLY FOR LIGHTER RIDERS) ALLOWS FOR A SLIGHTLY FLATTER SPRING CURVE AND MORE TUNABILITY WITH BOOST VALVE.

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SUSPENSION CONTINUED:

FOX SHOCK TUNING

- › NEW ADAPTIVE LOGIC RP23 KASHIMA SHOCK WITH CUSTOM TUNED REBOUND AND PROPEDAL SETTINGS: NEW REBOUND SETTINGS OFFERS TWICE THE NUMBER OF ADJUSTMENT OPTIONS FOR MORE PRECISE TUNING OF THE REBOUND SPEED.
- › NEW ADAPTIVE LOGIC PROPEDAL SETTINGS WITH PROPEDAL #3 AS THE AUTOMATIC “ON” SETTING WHILE FULLY OPEN (ZERO PROPEDAL), #1, OR #2 CAN BE SELECTED WITH THE RP23 ADJUSTER. THIS NEW CONFIGURATION ALLOWS RACERS QUICK ACCESS TO THE FULL MAXIMUM PROPEDAL SETTING WHILE BEING ABLE TO CHOOSE THE OTHER SETTING BASED ON THE COURSE OR RIDE CONDITIONS.
- › AS WITH THE PREVIOUS SETTINGS, PROPEDAL 1 OFFERS MINIMAL PLATFORM WHILE BOTH PROPEDAL 2 AND 3 SETTINGS OFFER EXTREMELY EFFICIENT PEDALING PERFORMANCE WITH QUICK BLOW OFF AND GOOD SMALL TO MEDIUM BUMP ABSORPTION. FULLY OPEN OFFERS A NEW LEVEL OF PLUSHNESS WITH THE ADDITION OF KASHIMA COATING WHILE STILL MAINTAINING THE INCREDIBLE PEDALING PERFORMANCE PIVOT FRAMES ARE KNOWN FOR.
- › THE NEW SETTINGS ADD INCREASED VERSATILITY AND TUNING RANGE THAT IMPROVES OVERALL PERFORMANCE.

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