RALEIGH OFF ROAD SERIES 1993



ALL YOU NEED IS THE BOTTLE

A nail biting descent, a punishing climb or an unforgiving stretch that will test your technical skills to the limit.



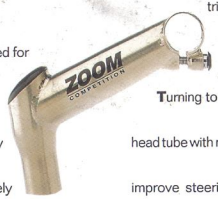
It just takes bottle if you know your machine is up to spec.

With the new Raleigh Off Road Series, there's nothing left to chance. **D**esigned and specified with the knowledge we've gained from our Team Raleigh champions, the Off Road Series offers more performance and value than you could have ever thought possible.

Let's start with the frame. CAD designed for maximum performance, the frame is built from Reynolds K2 Cromoly Mountain Tubing. Developed exclusively for Raleigh, the Reynolds K2 tubing has eight laterally aligned ribs on the butt section providing superb lower triangle rigidity and enormous strength in the areas of maximum stress.

As for your own areas of maximum stress, we've thought about that too. At the rear end, we've specified the latest Vetta Lite saddles in either leather or astrale finish. Whilst up front we can offer you a choice of titanium or 501 Cromoly bars mounted on a lightweight Zoom or Girvin stem.

Where fitted, lightweight aluminium bar ends will make a real difference when climbing, as will the rear triangle with its shorter chainstays for extra strength in traction.



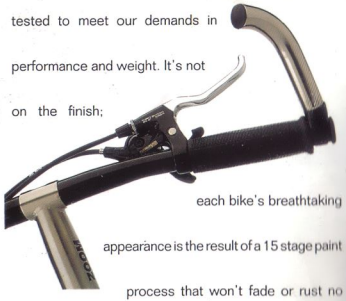
Tuming to the forks, they're housed in an oversized head tube with more ball bearings to lessen frame twist and improve steering. All but the Strata have forks made using 4130 Cromoly tubing with finite response blades, giving lightness, stiffness and strength. Whilst if you're really serious about a quick descent, you can go to the Summit where you'll find we've fitted a Rock Shox front suspension unit.





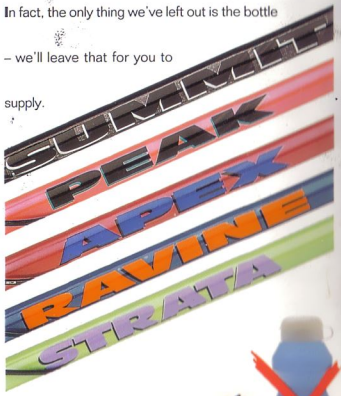
On the transmission and braking front , there's nothing less than you'd expect from a performance range. We've fitted the new lightweight Shimano group sets throughout – with Deore LX, Exage LT or the Altus A10 and A20 ensembles, all with 'Rapid Fire Plus' levers for effortless and efficient shifting.

With prices starting from a little over £300, you're probably wondering by now where we've skimped. It's certainly not on the componentry; every piece has been rigorously tested to meet our demands in performance and weight. It's not on the finish; each bike's breathtaking appearance is the result of a 15 stage paint process that won't fade or rust no matter how long you stay out in the wild.



And it's not on the design. Each Off Road Series frame is built with an ultimate commitment to perform.

In fact, the only thing we've left out is the bottle – we'll leave that for you to supply.



Bottle not included



SUMMIT



"Off Road Series" K2 Full Cromoly Frame with Oversize Shot-In Seatstays, Oversize Head and Forged Vertical Dropouts.
Rock Shox Front Suspension Unit
Shimano Deore LX Ensemble.
Titanium Handlebar With "Zoom Competition" Cromoly Stem and Aluminium Bar Ends.
Vetta Superlite Racing Saddle in Black Leather.
Colour: Dark Ruby.

MODEL SUMMIT 21 **FRAME** New "Off Road Series" Frame Design: Full Reynolds K2 Cromoly Double Butted Main Tubes and Rear Triangle; Oversize Shot-In Seatstays; Oversize Head Tube; Sloping Top Tube; Forged Vertical Drop-Outs; Split O/R Cable Guides **FORK** Rock Shox Mag 30 Suspension Unit **HEADSET** Tange Oversize Sealed Black **BRAKES** Shimano Deore LX Black Alloy Low Profile Cantilevers with 2 finger Brake Levers **DERAILLEUR** Shimano Deore LX STI with dual SIS "Rapid Fire Plus" Shifters **CHAINSET** Shimano Deore LX 46-36-26T Round Rings with 170mm Low Profile Cranks **FREEWHEEL** Shimano 12-15-17-19-21-24-28T Cassette **BOTTOM BRACKET** Shimano Cassette Sealed System **HANDLEBAR** 580mm Titanium Bend with Open Ended Rubber Grips **STEM** "Zoom Competition" Cromoly Oversize in Titanium Finish **SADDLE** Vetta Superlite Racing, Black Leather, Cromoly Rails **SEATPOST** Gun Metal Grey Alloy Low Profile, 300mm **HUBS** Shimano Deore LX Alloy Quick Release, 36 Hole **RIMS** Rigida Laser 400 Hard Grey Anodised, 36 Hole **TYRES** 26 x 1.95" All Black Skinwall **PEDALS** Shimano with Clips & Straps **EXTRAS** Aluminium Bar Ends; Quick Release Seat Clamp; Chrome Chainstay Protector **SIZES** 15½", 17", 19", 21" **APPROX WEIGHT** 28lbs

PEAK



- Shimano Deore LX Ensemble
- "Off Road Series" K2 Full Cromoly Frame with Oversize Shot-In Seatstays, Oversize Head and Forged Vertical Dropouts
- Titanium Handlebar with "Zoom Competition" Cromoly Stem and Aluminium Bar Ends
- Vetta Superlite Racing Saddle in Black Leather
- Rigida Laser 400 Hard Grey Anodised Rims
- Colour: Iridescent Amber

MODEL PEAK 21 **FRAME** New "Off Road Series" Frame Design: Full Reynolds K2 Cromoly Double Butted Main Tubes and Rear Triangle; Oversize Shot-In Seatstays; Oversize Head Tube; Sloping Top Tube; Forged Vertical Dropouts; Split O/R Cable Guides **FORK** 4130 Cromoly Unicrown with "Finite Response" Blades and Forged Ends **HEADSET** Tange Oversize Sealed Black **BRAKES** Shimano Deore LX Black Alloy Low Profile Cantilevers with 2 Finger Brake Levers **DERAILLEUR** Shimano Deore LX STI with Dual SIS "Rapid Fire Plus" Shifters **CHAINSET** Shimano Deore LX 46-36-26T Round Rings with 170mm Low Profile Cranks **FREEWHEEL** Shimano 12-15-17-19-21-24-28T Cassette **BOTTOM BRACKET** Shimano Cassette, Sealed System **HANDLEBAR** 580mm Titanium Bend with Open Ended Rubber Grips **STEM** "Zoom Competition" Cromoly Oversize inTitanium Finish **SADDLE** Vetta Superlite Racing, Black Leather, Cromoly Rails **SEATPOST** Gun Metal Grey Alloy Low Profile, 300mm **HUBS** Shimano Deore LX Alloy Quick Release, 36 Hole **RIMS** Rigida Laser 400 Hard Grey Anodised, 36 Hole **TYRES** 26 x 1.95" All Black Skinwall **PEDALS** Shimano with Clips and Straps **EXTRAS** Aluminium Bar Ends; Quick Release Seat Clamp; Chrome Chainstay Protector **SIZES** 15½", 17", 19", 21" **APPROX WEIGHT** 27½lbs

APEX



- Titanium Handlebar with Girvin Cromoly Flexstem
- "Off Road Series" K2 Cromoly Main Frame with Shot-In Seatstays, Oversize Head and Forged Vertical Dropouts
- Shimano Exage LT Ensemble
- Vetta Lite Gel Racing Saddle
- All Black Off Road 1.95" Tyres
- Colour: Pearl Ruby

MODEL APEX 21 **FRAME** New "Off Road Series" Frame Design: Reynolds K2 Cromoly Double Butted Main Tubes; Shot-In Seatstays; Oversize Head Tube; Sloping Top Tube; Forged Vertical Dropouts; Split Q/R Cable Guides **FORK** 4130 Cromoly Unicrown with "Finite Response" Blades and Forged Ends **HEADSET** Tange Oversize Sealed Black **BRAKES** Shimano Exage LT Black Alloy Low Profile Cantilevers with 2 Finger Brake Levers **DERAILLEUR** Shimano Exage LT STI with Dual SIS "Rapid Fire Plus" Shifters **CHAINSET** Shimano Exage LT 46-36-26T Round Rings with 170mm Low Profile Cranks **FREEWHEEL** Shimano 12-15-17-19-21-24-28T Cassette **BOTTOM BRACKET** Shimano Cassette, Sealed System **HANDLEBAR** 580mm Titanium Bend with Kraton Rubber Ergonomic Grips **STEM** Girvin Cromoly Flexstem in Silver **SADDLE** Vetta Lite Gel Racing with Astrale Finish **SEATPOST** Hard Black 4130 Cromoly Low Profile, 300mm **HUBS** Shimano Alloy Quick Release, 36 Hole **RIMS** Alesa Narrow Black Anodised, 36 Hole **TYRES** 26 x 1.95" All Black Skinwall **PEDALS** Beartrap with Black Clips & Straps **EXTRAS** Quick Release Seat Clamp; Chrome Chainstay Protector **SIZES** 15½", 17", 19", 21" **APPROX WEIGHT** 29 lbs



RAVINE

- "Off Road Series" K2 Cromoly Main Frame with Shot-in seatstays, Oversize Head and Forged Vertical Dropouts
- Aluminium Bar Ends
- Shimano Altus A10 Ensemble
- 501 Cromoly Bar with Black "Zoom" Original Cromoly Stem
- Vetta Lite Gel Racing Saddle with Astrale Finish
- Colour: Iridescent Azure

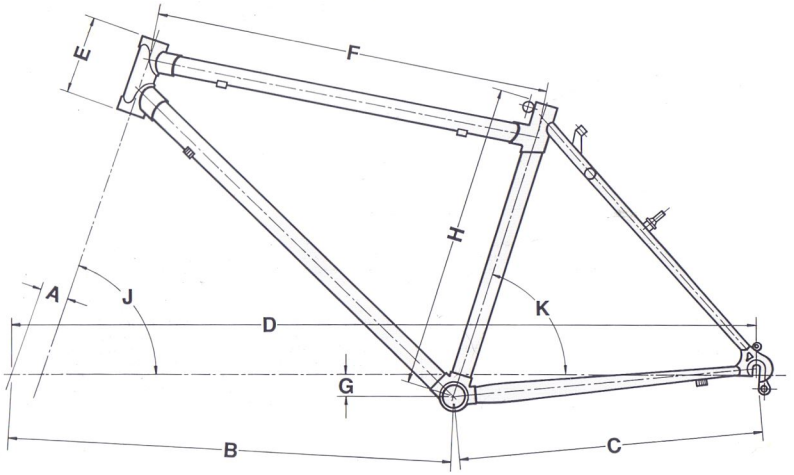
MODEL RAVINE 21 **FRAME** New "Off Road Series" Frame Design: Reynolds K2 Cromoly Double Butted Main Tubes; Shot-In Seatstays; Oversize Head Tube; Sloping Top Tube; Forged Vertical Dropouts; Split Q/R Cable Guides **FORK** 4130 Cromoly Unicrown with "Finite Response" Blades and Forged Ends **HEADSET** Tange Oversize Sealed Black **BRAKES** Shimano Altus A10 Alloy Low Profile Cantilevers with 2 Finger Brake Levers. **DERAILLEUR** Shimano Altus A10 STI with dual SIS "Rapid Fire Plus" Shifters **CHAINSET** Shimano Altus A10 46-36-26T Round Rings with 170mm Low Profile Cranks **FREEWHEEL** Shimano 12-15-17-19-21-24-28T Cassette **BOTTOM BRACKET** Shimano Cassette, Sealed System **HANDLEBAR** Reynolds 501 Cromoly Black with Open Ended Rubber Grips **STEM** Black "Zoom" Original Cromoly Oversize **SADDLE** Vetta Lite Gel Racing with Astrale Finish **SEATPOST** Hard Black 4130 Cromoly Low Profile, 300mm **HUBS** Shimano Alloy Quick Release, 36 Hole **RIMS** Alesa Narrow Black Anodised, 36 Hole **TYRES** 26 x 1.95" All Black Skinwall **PEDALS** Beartrap with Black Clips & Straps **EXTRAS** Aluminium Bar Ends; Quick Release Seat Clamp; Chrome Chainstay Protector **SIZES** 15½", 17", 19", 21" **APPROX WEIGHT** 29½lbs



STRATA

- "Off Road Series" K2 Cromoly Main Frame with Shot-In Seatstays, Oversize Head and Forged Vertical Dropouts
- Shimano Altus A20 Ensemble
- Vetta Lite Gel Racing Saddle with Astrale Finish
- 501 Cromoly Bar With Black "Zoom" Original Cromoly Stem
- All Black Off Road 1.95" Tyres
- Colour: Iridescent Lime

MODEL STRATA 21 **FRAME** New "Off Road Series" Frame Design: Reynolds K2 Cromoly Double Butted Main Tubes; Shot-In Seatstays; Oversize Head Tube; Sloping Top Tube; Forged Vertical Dropouts; Split Q/R Cable Guides **FORK** Unicrown with "Finite Response" Blades and Forged Ends **HEADSET** Tange Oversize Sealed Black **BRAKES** Shimano Altus A20 Low Profile Alloy Cantilevers with 2 Finger Brake Levers **DERAILLEUR** Shimano Altus A20 STI with Dual SIS "Rapid Fire Plus" Shifters **CHAINSET** Shimano Altus A20 48-38-28T Round Rings with 170mm Low Profile Cranks **FREEWHEEL** Shimano 12-15-17-19-21-24-28T Cassette **BOTTOM BRACKET** Shimano Cassette, Sealed System **HANDLEBAR** Reynolds 501 Cromoly Black with Kraton Rubber Ergonomic Grips **STEM** Black "Zoom" Original Cromoly Oversize **SADDLE** Vetta Lite Gel Racing with Astrale Finish **SEATPOST** Hard Black 4130 Cromoly Low Profile, 300mm **HUBS** Shimano Alloy Quick Release, 36 Hole **RIMS** Alesa 419 Alloy, 36 Hole **TYRES** 26 x 1.95" All Black Skinwall **PEDALS** Beartrap with Black Clips & Straps **EXTRAS** Quick Release Seat Clamp; Chrome Chainstay Protector **SIZES** 15½", 17", 19", 21" **APPROX WEIGHT** 29½lbs



	FRAME SIZE			
	15½"	17"	19"	21"
FORK OFFSET (A)	42	42	42	42
FRONT WHEEL CTRS (B)	616.7	631	633.5	655
CHAINSTAY CTRS (C)	435	435	435	435
WHEELBASE (D)	1040	1060	1060	1080
HEADSIZE (E)	108	108	139	183.5
TOP TUBE CTRS (F)	539.5	557	558.4	580.6
BOTTOM BRKT DROP (G)	31.7	31.7	31.7	31.2
FRAME SIZE (H)	393.7	431.8	482.5	533.5
HEAD ANGLE (J)	71°	71°	71°	71°
SEAT ANGLE (K)	73°	73°	73°	73°

Utilising the latest CAD technology and the feedback from our race team specialists, the new Off Road Series frame design is now lighter and more responsive than before.

Nothing has been compromised in our continuing commitment to performance. Exclusive Reynolds K2 Mountain Tubing means increased strength in the areas of maximum stress and improved lower triangle rigidity, delivering a frame which is light and responsive yet stable on all terrains.

RALEIGH INDUSTRIES LTD, NOTTINGHAM NG7 2DD, ENGLAND.



Our policy of continual improvement means that product specification may be changed whilst this catalogue is still in use.
All product weights quoted do not include the weight of the pedals.

OCTOBER 1992. Designed and produced by Cross Hill Conwill.