

Raven Catalyst - Order form

Frame Only... £600

The THORN Raven Catalyst is available as **frame only**

Frame Only: Alloy eccentric FSA Orbit XL II black headset (fitted), Thorn Micro-adjustable alloy seatpin, touch-up paint & all stainless screws. (please choose frame size & colour below)
Catalyst Frame £600 ☐

Frame Kit... £1100

Buy this Kit... buy or supply a 32 hole rear rim of your choice & we'll build the wheel & set up the Rohloff cables for you... easy!

Frame Kit includes: Raven Catalyst 853 frame, alloy eccentric, FSA Orbit XL II black headset (fitted), Thorn Micro-adjustable alloy seatpin, touch-up paint & all stainless screws, Rohloff 14 Speed hub, 32 x DT Swiss stainless steel spokes, rear wheel build labour. (please choose frame size & colour below)
Catalyst Frame Kit £1100 ☐

Frame Change... from £1200

Send us your V brake equipped MTB... We'll transfer all relevant parts to a Catalyst frame, simply buy or supply any extra parts required. We'll send you back the completed Catalyst and all unused parts.

Frame Change includes: Raven Enduro 853 frame, alloy eccentric, FSA Orbit XL II black headset (fitted), Thorn Micro-adjustable alloy seatpin, touch-up paint & all stainless screws, Rohloff 14 Speed hub, 32 x DT Swiss stainless steel spokes, bike build labour, rear wheel build labour. (please choose frame size & colour below)
Catalyst Frame Change from £1200 ☐

(32 hole rear rim required, 80-100mm travel fork, V brakes & levers)

Complete Bike Without Fork... £1300

Standard Specification.

Got a recent high quality 80-100mm travel MTB fork?... Supply us with a suitable fork and we'll use it to build up a complete Raven Catalyst. Please choose your desired frame size, frame colour & standard component options below (excluding fork).
Complete Bike Without Fork £1300 ☐

Complete Bike... £1499

Standard Specification.

Individually hand build to your exact specification... Please choose your desired frame size, frame colour & standard component options below. **Complete Bike** £1499 ☐

Size & Colour

* = Please ☒ tick box required

Size { 531 S ☐ 532 XL ☐
558 M ☐ 564 ML/XL ☐ 588 L ☐

Colour { **Satin Charcoal Powder Coat** ☐
Gloss Red Powder Coat ☐
Gloss Blue Powder Coat ☐

Fork

* = Please ☒ tick box required

Standard { PACE RC31 (Dark Option), very comfortable RIGID carbon fibre blade fork 695g ☐
ROCK SHOX Psylo XC U-Turn, 80-125mm travel suspension fork, black (available Jan 2005) ☐

Upgrade

Long life... long service intervals

Fox Vanilla RLC - 100mm travel (80mm travel on 531S & 532XL) + £200 ☐
Currently the most reliable, laterally rigid, bomb-proof fork on the market! > High-flow, open-bath damper with Shimmed Damping Control and 3-Way top-cap adjusters for on-the-fly convenience. > Pre-load adjustable Coil main-spring with coil negative-spring system. > 12-click, externally adjustable, Rebound damping. > 9 position low-speed compression adjustment. > On-the-fly lock-out feature. > Adjustable blow-off threshold. > Approx Weight: 4.24lb (1.92kg)

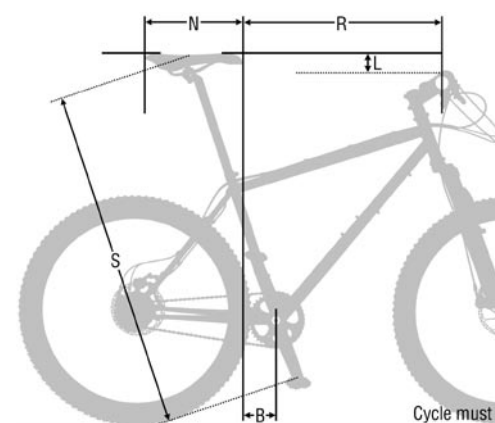
Set-up Dimensions

Standover Height = _____ mm

Height = _____ mm

Preferred riding position =

Relaxed ☐ Sporty ☐ Racing ☐ Upright ☐



The following dimensions will enable us to set up your New MTB exactly like your favourite machine.

N = _____ mm

Overall saddle length & name of Saddle:

S = _____ mm

Distance from top of pedal (crank in-line with seat tube) to top of saddle, measured along the seat tube.

L = _____ mm

Distance from the bottom of a level straight edge placed on the top of the saddle to the top of the handlebar stem.

B = _____ mm

Distance that a plumb line (weight on a bit of thread) falls behind the centre of the bottom bracket when suspended from the tip of the saddle.

R = _____ mm

Distance from tip of saddle to the centre of the handlebars.

Note: The dimensions you send us must be accurate, otherwise this is a meaningless exercise... Get somebody else to check your measurements.

Invoice N°

Title: Mr / Mrs / Miss / Ms / Dr

First name _____

Surname _____

Address _____

Town _____

County _____

Postcode _____

Country _____

Telephone Number

Home _____

Work _____

Mobile _____

Email address

_____ @ _____



Call: ☎ 01278 441500
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Please Note:- Occasionally some items become unavailable for long periods of time. We reserve the right to substitute items of similar (or greater) value where there will be no adverse difference in function. No surcharge will be made.

St John Street Cycles is a trading style of Thorn Cycles Ltd (incorporated in England 4121096 - registered office: St John Street Cycles 91-93 St John Street, Bridgwater TA6 5HX)

Raven Catalyst - Upgrades

Standard Components & Options (no pedals included) * = Please ☒ tick box required

Headset - 1 1/8" threadless FSA Orbit XL II (aerospace bearings... currently **the best** available), black

Wheels - Rohloff Speedhub 500/14 32 hole rear hub in silver (135mm rear O.L.N), quick release skewer.
Rohloff sprocket (steel)* **15t** ☐ **16t** ☐ **17t** ☐
32 hole Shimano* STX RC MC33 quick release front hub.
32 hole rims* Mavic* EX721 ☐ Mavic* XC717 ☐ Sun CR18 ☐ , stainless steel spokes, presta valve inner tubes, Velox rim tape.
Panaracer tyres* **Fire XC 1.8"** (folding bead) ☐ **Fire XC 2.1"** (folding bead) ☐
Hi Road 1.5" (rigid bead) ☐ **Pasela Tourguard 1.75"** (rigid bead) ☐
Schwalbe Marathon XR 1.75" ☐ **1.9"** ☐ (rigid bead) ☐

Chainset - > Thorn Vision alloy 104PCD 4 arm chainset - crank length* **165mm** ☐ **170mm** ☐ **175mm** ☐
> Thorn alloy 104PCD 4 arm chainring - size* **32t** ☐ **34t** ☐ **36t** ☐ **38t** ☐ **39t** ☐ **40t** ☐ **42t** ☐ **44t** ☐
> SRAM PC48 chain.
> Shimano UN53 sealed bearing bottom bracket.

Brakes - Shimano Deore M510 V-brakes & levers.
> Rohloff twist grip shifter - with spare hub cable & fitting kit.

Stem - Thorn 1 1/8" alloy "front loading" threadless stem (length/angle + alloy spacers to suit)

Stem - Length _____ mm Angle° _____ (**Internal use only**)

Handlebars* > **Thorn alloy Comfort bars Mk1** - (designed in consultation with a senior physiotherapist) butted (3.0/1.8) 6061 T6 alloy, 18° (easy ± adjustment of reach simply by rotating the bars) ☐
High quality alloy straight bars ☐
> Comfortable handlebar grips & bell

Saddle* **Brooks Competition** - Lightweight saddle, 270g, alloy rails (**NOT Leather**) ☐
Selle Italia XO Race - FEC alloy rails, 335g, black ☐

> Thorn alloy micro-adjustable seatpin.

Brake Upgrades

> Shimano Deore LX M570 V-brakes & Deore M510 levers + £20 ☐
> Shimano XTR M960 V-brakes & XT M739S levers + £120 ☐

Transmission Upgrades

> SRAM PC99 chain(Highest Quality)..... + £20 ☐
> Shimano Deore M510 Hollow Tech splined (Octalink) chainset (104 PCD, 4 arm)* **170mm** ☐ **175mm** ☐ in **Silver** ☐ **Black** ☐ , Deore ES51 splined (Octalink) bottom bracket + £55 ☐
> Shimano XT M752 Hollow Tech splined (Octalink) chainset (104 PCD, 4 arm)* **170mm** ☐ **175mm** ☐ **180mm** ☐ , XT ES71 splined (Octalink) bottom bracket .. + £105 ☐

Wheel Upgrades

Rims
> Sun Rhyno 32 hole rims - in black, with ABT, wear indicators + £20 ☐
> Mavic XC717 Ceramic 32 hole rims + £90 ☐
> Mavic EX721 Ceramic 32 hole rims + £90 ☐

Hubs
> Shimano XT M752 32 hole front hub + £20 ☐
> Rohloff hub in Black anodized finish (Improved resistance to winter salt corrosion) + £25 ☐
> **Schmidt Son dynamo front hub (Option 1)** - 32 hole in silver, Busch & Muller Lumotec switchable halogen headlamp (without standlight), upgrade bulb for front use only & Highest Quality Thorn alloy headlamp bracket - Custom fitted to any of the fork options... this will ensure a bar bag will not interfere with the beam (Highly recommended for cycling at night) + £150 ☐
> As above but black Schmidt Son dynamo front hub (Resists salt corrosion better) + £170 ☐
> Schmidt Son dynamo front hub (**Option 2**) - 32 hole in silver, Busch & Muller Lumotec switchable halogen headlamp - long wire (without standlight), upgrade bulb for front use only & Schmidt handlebar headlamp bracket - using a barbag with this option may interfere with the beam (Highly recommended for cycling at night) + £135 ☐
> As above but black Schmidt Son dynamo front hub (Resists salt corrosion better) + £155 ☐

Stem Upgrades

> Thorn Carbon stem, front loading, 2 bolt faceplate, ± 6° flip-flop rise, takes ø25.4mm bar, 170g (110mm), Length: **90mm** ☐ **100mm** ☐ **110mm** ☐ **120mm** ☐ **130mm** ☐ + £50 ☐
> EASTON EA70 MTB Stem, Forged Aluminium, 2 bolt composite-friendly faceplate, replaceable hardware... no more stripped bolts! ± 6° flip-flop rise, takes ø25.4mm bar, 135g (110mm), Length: **90mm** ☐ **100mm** ☐ **110mm** ☐ **120mm** ☐ **130mm** ☐ + £50 ☐

Handlebar Upgrades

> **Thorn Carbon MTB Anatomic Riser Bar** - A comfortable, yet lightweight mountain bike solo riser bar. Designed in consultation with a senior physiotherapist. Carbon Kevlar wrapped 2014 butted alloy. Rise 50mm, ø25.4mm, width 650mm, 18° sweep, 0° upsweep, 185mm straight grip section per side, 220g (easy adjustment of reach simply by rotating the bars) + £40 ☐

> Thorn Carbon Comfort Bar - A supremely comfortable, lightweight, yet strong solo comfort bar. Carbon Kevlar wrapped 2014 butted alloy. Rise 60mm, ø25.4mm, width 605mm, 18° sweep, 0° upsweep, 175mm straight grip section per side, 210g. Extra wide 25.4mm centre section gives more room for attaching bar bags, computers & lights etc. (easy adjustment of reach simply by rotating the bars) + £40 ☐

> EASTON MonkeyLite XC Composite Riser Bar, Lo rise (32mm), ø25.4mm, width 660mm, 8° sweep, 4° upsweep, 170g + £90 ☐

> **Thorn Superlight Carbon Straight Bar**, 125g, ø25.4mm, width 565mm, 5° sweep + £30 ☐

> EASTON EC70 Composite XC Bar, ø25.4mm, width 580mm, 3° sweep, 125g + £55 ☐

> Thorn Carbon Anatomic carbon bar ends - perfect shape for a secure comfortable grip & only 44g each! + £50 ☐

Saddle & Seatpost Upgrades

Gents Saddles
Fi'zik CP3 Nisene Titanium rails + £25 ☐

Womens Saddles
Terry Liberator X womens saddle - black + £20 ☐

Seatposts
Carbon seatpost, 400mm, micro adjustable alloy head, 250g + £30 ☐

Suspension Seatposts
Cane Creek 3G Thudbuster suspension seatpost, 3.9" (9.9cm) of plush travel, 400mm length, 590g, includes neoprene cover + £135 ☐

Rear Carriers

Blackburn MTN rear carrier black ☐ or silver ☐ £25 ☐
Blackburn EX1 Expedition rear carrier black ☐ or silver ☐ £30 ☐
Thorn 531 adjustable standard, black £70 ☐
Thorn 531 adjustable reinforced, black £100 ☐
Thorn 531 adjustable ultra-light, max load 6kg, black £75 ☐

Pedals

SPD type
Shimano (M424) SPD double sided pedals with resin cage, choose to clip in or ride on the cage platform (inc cleats) £30 ☐
Shimano (M520) SPD double sided pedals (inc cleats) Silver £20 ☐
Shimano LX (M540) SPD double sided pedals (inc cleats) £40 ☐
Shimano M959 SPD double sided pedals (inc cleats) £75 ☐

Clip & Strap type
Tioga Surefoot VI pedals, inc. toe clips & straps - **S** ☐ **M** ☐ **L** ☐ **XL** ☐
..... £28 ☐

Other pedals please specify: _____

Accessories

SKS mudguards fitted, P55 - black ☐ silver ☐ £45 ☐
Carbon cage Number required _____ x £5 = £ _____ ☐
Thorn SuperLite Carbon Fibre Bottle Cage... 35g, securely holds 0.5 / 0.75L bottles £18 ☐
Thorn SuperSlick Full Wrap-Around Carbon Fibre Bottle Cage... 40g, securely holds 0.5/0.75L bottles £18 ☐
Cateye Enduro cycle computer, heavy-duty wire (fitted) £22 ☐
CRUD Crudcatcher (front) black ☐ blue ☐ (fitted) £8.99 ☐
CRUD Raceguard (rear) black ☐ blue ☐ (fitted) £13.99 ☐
Thorn alloy accessory bar, black: 50mm ☐ 100mm ☐ £14.99 ☐

Rohloff Spares

Rohloff sprocket tool for Speedhub 500/14 £20 ☐
Rohloff sprocket for Speedhub 500/14 **15t** ☐ **16t** ☐ **17t** ☐ £20 ☐
Rohloff 2 stage full oil change kit for Speedhub 500/14 - includes cleaning oil, all season oil, syringe, oil filling tube & drain plug £19 ☐