

BUILD	THORN Club Tour Mk5 with 700c wheels, derailleur gears and either straight or drop bars.		
4	Buids 4a (straight bars) and 4b (drop bars)	Starting from around £2050	Issue 3

A Derailleur Club Tour, with 700c wheels, is a **superb bike for fast lightweight touring** on minor roads. The huge spread of gears that we provide with our wide range 30 speed set up gives riders confidence in their ability to tackle the steepest gradients - the no-nonsense build gives riders confidence in their bike's ability. **The Club Tour Mk4 was designed without compromise to show how good a**

Traditional Touring Bike could be.

With high quality 700 x35c tyres, it could be used throughout the week to commute to work, it could complete a 200km Audax (or CTC reliability ride) at the weekend, yet be still ready to carry all your kit on your annual summer cycle camping holiday. You are guaranteed a high quality ride, with superb handling.

Whilst the bike will be marginally quicker on good surfaces with 35c tyres, the option of 40c tyres extends the bike's ability on rough surfaces and provides more comfort.

Every one of the frame's 8 tubes is premium quality Reynolds 725 heat treated steel.

If front carriers are fitted, a Club Tour 700c is also more than capable of being used for **light to medium weight cycle camping**, however, care is needed if such adventures are undertaken on dirt roads.



SIZE 52L

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Build 4a Club Tour 700c straight bars.

There's a choice between disc brakes F&R or having a rear disc brake and a V front brake.

If you choose F&R discs, the bike is supplied with the appropriate **Thorn Mk3 110 x 15mm through axle Boost Steel Disc fork**, which is fitted with bosses for the direct fitting of mudguards and for attaching a front carrier if/when required. **Note:** a disc fork is always heavier and less comfortable than a V brake fork.

If you choose to have a rear disc brake and a V front brake, you have the choice of either our exceptionally comfortable standard V brake fork, which also has provision for the direct fitting of mudguards and attaching a front carrier, or our Reynolds 853 fork. The 853 fork is lighter and even more comfortable but is more expensive and **cannot** be used with a front carrier but it still has the fittings for the direct fitting of mudguards.

We believe that the nicest spec for customers looking for a high quality lightweight bike for day rides and some B&B touring is:

Thorn 853 fork + rear disc brake and a V front brake

Wheels Deore Black front hub. DT Swiss TK 540 32h 700c rim. Deore black rear disc cassette hub. Converter centre lock to 6 bolt. DT Swiss TK 540 32h 700c disc rim.

Tyres...Schwalbe Marathon Supreme 35c or 40c tyres + tubes and tapes or upgrade to tubeless— Schwalbe Marathon Supreme 35c or 40c, Schwalbe HS472 G-One speed 40c, Schwalbe HS 473 G-One Allround 40c or Schwalbe HS473 G-One bite 40c. Or for the ultimate tyre for fast B road cycling, Schwalbe G-One speed 30c. All tubeless options now use ultra lightweight tubes with sealant. For heavier duty use choose Schwalbe Marathon Almotion 40c.

Brakes F...Shimano Deore V brake. R...TRP Spyke cable operated disc brake with TRP rotor. Levers...Shimano Deore.

Bars...Thorn Flat Track bars 580mm (or cut to suit). Grips...Ergon GP5L. Stem...Kalloy AS-009 UNO (or similar) to suit customer's set up dimensions. Shimano Deore Rapidfire shifters.

Gearing...Exclusive Shimano Deore 48/36/26 chainset 170mm (or 175mm length to suit customer's dimensions) Shimano 10sp 11-36 cassette and a high quality chain.

Accessories...2 x Profile bottle cages, SKS black mudguards, Tubus Vega Cro-Mo rear carrier plus Thorn Lo-Loader front carrier (Option to fit Tubus Airy Ti carrier instead. Option for the neat installation of the superb Moon Pulsar rear LED light)

Saddle...Thorn Velo saddle, men's or women's (as appropriate) or option to have no saddle or any other saddle stocked by SJS Cycles.

If you wish to have F&R V brakes, we can oblige, with **Thorn Standard fork with F&R V brakes** the spec and options are the same as those on the left but the rear wheel is for rim brakes. Deore black rear disc cassette hub. DT Swiss TK 540 32h 700c rim.

Brakes...Front and Rear Shimano Deore V brakes and levers.

There is the additional option of adding a Thorn Lo-loader front carrier.

With a **Thorn Mk3 110 x 15mm through axle Boost Steel Disc fork**, the spec and options are the same as the Standard fork spec on the left except for the wheels, and brakes. **Wheels**...Deore Boost (110 x 15mm through axle) centre lock front hub HB6010. Converter centre lock to 6 bolt. DT Swiss R500 DB 32h 700c rim. Deore black rear disc cassette hub. Converter centre lock to 6 bolt. DT Swiss R500 DB 32h 700c rim.

Brakes...Front and Rear TRP Spyke cable operated disc brakes, with TRP rotors. Levers...Shimano Deore.

Build 4b Club Tour 700c drop bars. For those who prefer to have drop bars, with a reasonably sporty position, we have similar options to those given in the straight bar options.

With drop bars and **Thorn 853 fork + rear disc brake and a V front brake**, the spec is as above except for:

Brakes

Front...Shimano compact V brake with lead pipe with adjuster.

Rear...TRP Spyre cable operated disc brake with TRP rotor.

Levers...Tiagra STI

Bars...44cm drop bars with appropriate stem. Shimano 105 ST-700 10sp STI shifters

You may specify the appropriate Son Dyno hub instead of the listed hub, whichever specification you choose.

With **Thorn Standard fork with F&R Compact V brakes** the spec and options are the same as that on the left but the rear wheel is for rim brakes. Deore black rear disc cassette hub. DT Swiss TK 540 32h 700c rim.

Brakes...Front and Rear Shimano Compact V brakes.

With a **Thorn Mk3 110 x 15mm through axle Boost Steel Disc fork**, the spec and options are the same as the Standard fork spec above, except for the wheels and brakes.

Wheels...Deore Boost (110 x 15mm through axle) centre lock front hub HB6010. Converter centre lock to 6 bolt. DT Swiss R500 DB 32h 700c rim. Deore black rear disc cassette hub. Converter centre lock to 6 bolt. DT Swiss R500 DB 32h 700c rim.

Brakes...Front and Rear TRP Spyre cable operated disc brakes, with TRP rotors. Levers...Tiagra STI shifters.



We certainly didn't know that we were designing a time-trial bike, when we created our previous Club Tour!

But Scott Napier bought a Club Tour from us and then used it to become the new

Guinness World Record Holder,
for cycling the

Pan American Highway.

14,050 miles from Alaska to Tierra del Fuego in 125 days - Scott smashed 15 days off the previous record!

Here's Scott's own account - remember he bought his Club Tour with his own money. We didn't sponsor him and he rode unsupported - this is probably the sporting achievement of the century!

"To break the world record for cycling the length of the Americas I chose a Thorn Club Tour. Purchasing the bike was simple and easy. I spoke with Robin on the phone and discussed the various options for the groupset, wheels, etc. Robin's experience was extremely valuable in making these choices. I found the Club Tour to be strong, but not excessively heavy, a perfect blend for going fast with a fairly beefy load. During the 14,000 mile cycle I was continually impressed with the level of comfort afforded to me by the Club Tour. Despite spending upwards of 10 hours in the saddle every day for 125 days I had virtually no shoulder or back pain of note. For me, the Thorn Club Tour provides everything you would need for one of the world's longest time trials: strength, reliability, comfort and value for money. Who would have thought having a Thorn stuck between my legs would be so pleasurable..." Scott Napier 15-1-2010

If you are looking for a multi-functional derailleur bike and you wish to ride with 700c wheels, the NEW Club Tour Mk5 is every bit as good and is built with the same care and attention as the Club Tour that Scott rode on his amazing ride.

Scott is still riding this bike today!



THORN CLUB TOUR Mk5 BIKE GEOMETRY

All dimensions except frame sizes are given in mm.

Frames include high quality FSA aerospace bearing headset and nice quality 27.2mm micro adjustable seat post.

MODEL	SIZE In cm	FRAME TUBE DIAMETERS	SEAT TUBE C to C	SLOPE	HEAD TUBE	VIRTUAL TOP TUBE C to C	BB Drop	SEAT ANGLE In degrees	CHAIN STAY	FORK OFFSET	MIDTUBE Standover HEIGHT	S/O at front of top tube
CLUB TOUR Mk5 700c REYNOLDS 725 Double butted Heat treated Cro-Mo frame & stays	50S	STANDARD OVERSIZED FRAME TUBES 28.6 top tube 28.6 seat tube 31.8 down tube 16 seat stays .9/.6/.9 gauge	410	90	109	530	70	74°	436	55	740	765
	50L		410	90	105	565	70	73.5°	441	50	740	765
	52S		440	80	125	540	70	73.5°	436	55	755	785
	52L		440	80	117	580	70	73°	444	50	755	785
	55S		480	70	154	550	70	73°	439	55	785	825
	55L		480	70	144	590	70	72.5°	447	46	785	815
	58S		520	60	188	560	65	73°	439	50	820	842
	58L		520	60	179	600	65	72.5°	450	46	820	842
	61S		560	50	214	575	65	72.5°	441	50	850	865
	61L		560	50	205	615	65	72°	453	46	850	865

Bike luggage carrying capabilities.

You can add a 2kg bar bag + up to 3 x 1litre (1kg) bottles.

Please note that it's our opinion that "relaxed sweet handling" is seldom achievable with a 2kg bar bag.

OVERALL WEIGHT LIMIT RIDER + LUGGAGE 130kg 120kg with 853 fork	FAIRLY GOOD QUALITY SEALED ROADS			ROUGH DIRT ROADS/OFFROAD With due care and attention		
	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING
CLUB TOUR Mk5 700c	35 Kg	25 Kg	18 Kg	25 Kg	18 Kg	12 Kg

Links to other documents.



[CLICK HERE](#)

For "THORN TOURING BIKE BIBLE"

This is a 24mb file; it may take considerable time for it to open

[CLICK HERE](#)

For "LIVING WITH a ROHLOFF HUB"

This is a 35mb file; it may take considerable time for it to open, please be patient.

All of our solo bikes are available in 4 colours - however, it's always the case that some colours in some sizes will sell out. The frames and forks are all ED coated and given a primer, before a coat of Du Pont Imron twin pack paint is applied and cured. A twin pack lacquer is then applied and cured. Our decals are now high quality self-adhesive decals and replacements are available. Please note that because Imron is twin pack, we can't supply touch up paint.

The 4 colours are as follows:

Gunmetal

(Deep lustre and tasteful)

BRG

(Glossy and stealthy)

Thorn Blue

(Tastefully bright)

Blood Red

(In your face and obviously quicker)