



# **X-TRAIL ALLOY**

FRAME PASSPORT

TYPE: 7DF

LAST UPDATE: 18/10/2016

**#BeTOUGH**

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## 0. UPDATES

The development of frames, forks and components is a continuous running process. Therefore we strongly advise before reading this information sheet check our website for new updates.

## 1. GENERAL

### 1.1. DESCRIPTION

The X-Trail A is our aluminium Allroad platform. Following the Go Anywhere, Anytime concept, it opens a world of possibilities. It's not a road bike. It's not a cross bike. It's a sublime combination of road speed and cross ruggedness. Add in the tire clearance of a mountain bike and you start to approach what this bicycle is capable of. Ridley's strong heritage in Road and Cyclocross Racing are fused together to create an entirely new category of bicycle.

X-Trail, Experience more!

### 1.2. PART CODES

All X-Trail A frames have a particular part code composed by the letters "FRAXTARID...", added by 3 numbers. The three numbers depend on the design and size of the frame. Due to the big amount of frames we don't list all the numbers but you can contact your local dealer for more information if needed.

## 2. MATERIAL

Used frame materials:

- Triple butted 6061-T6 heat treated aluminium

## 3. WEIGHT

### 3.1. FRAME

1590 gram\*

(\*) Average weight of an unpainted frame, size Medium. Actual weight can change according to size, paint finish and factory tolerances.

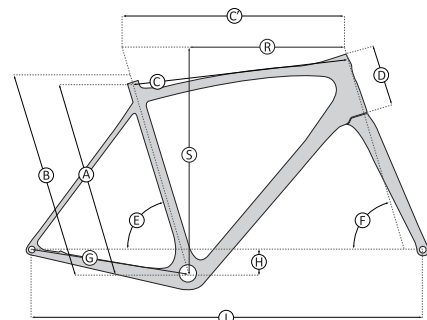
### 3.2. FORK

The weight of the X-Trail fork is around 750 g (\*)

(\*) Weight of unpainted fork, real weight may differ from the weight mentioned above by 10 %.

## 4. GEOMETRY

SIZE	A	B	C	C'	D	E	F	G	H	I	J	S	R
XXS	396	450	498	502	100	75,0	70,0	425	74	1004	747	520	376
XS	426	480	510	525	120	74,4	71,0	425	74	1004	773	542	375
S	456	510	528	545	140	73,4	71,9	425	72	1016	798	559	376
M	486	540	548	565	165	73,0	71,5	425	72	1026	824	584	386
L	516	570	567	585	195	72,5	71,5	425	70	1042	853	611	392
XL	546	600	582	600	220	72,5	72,0	425	70	1052	882	637	399



(\*) J: Stand over height, measured with 25 mm tires installed.

## 5. CABLE ROUTING

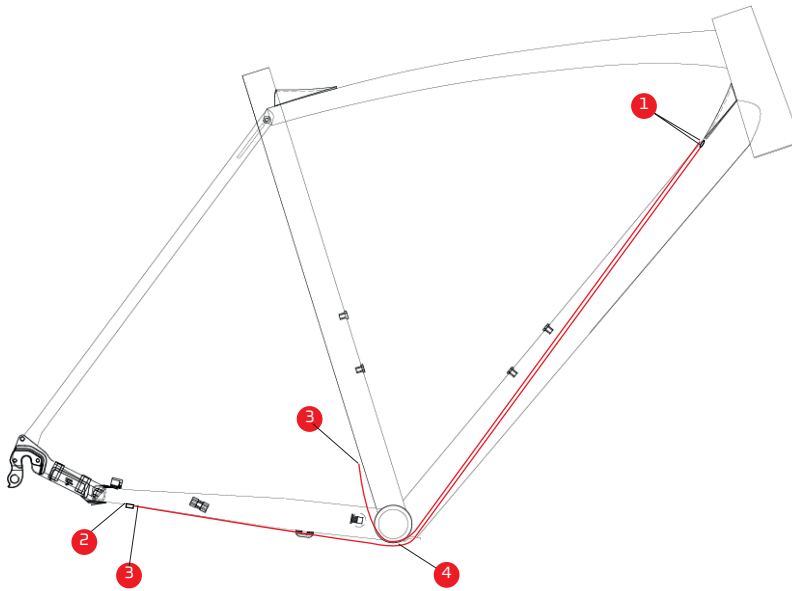
### 5.1. COMPATIBILITY

The X-Trail Alloy is compatible with:

- Mechanical groupsets

### 5.2. MECHANICAL CABLE ROUTING

Below you can find the parts needed for a mechanical groupset:



NO.	PART	PART CODE	QUANTITY
1	JAGW - END CAP 4MM WITH LINER	CABSTIJAG037	2
2	JAGW - END CAP 4MM	CABSTIJAG035	1
3	RAIN & DIRT CABLE PROTECTOR	CABSTIJAG038	2
4	BB CABLE GUIDE	CBGR CERID002	1

## 6. PARTS

### 6.1. FORK

The X-Trail A comes with the Oryx Disc 15TA fork. It is a carbon fork with tapered aluminium steerer.

#### 6.1.1. MATERIAL

Fork legs: 24 & 30 ton high Modulus Carbon  
 Steerer tube: 6061-T6 heat treated aluminium

**6.1.2. DIMENSIONS**

- Steerer tube length: 300 mm
- Headset: 1 1/8" upper ring – 1 1/2" lower ring
- Fork rake: 45 mm
- OLD (OverLock nut Distance): 100 mm
- Axle system: 15mm Thru-Axle
- Quick Release: QRET154ZA001 (M15x1.5 thread / 125mm axle length)

**6.1.3. BRAKE MOUNT INFORMATION**

- Disc brake mounting system: Shimano Flatmount, compatible with 140mm and 160mm rotors
- Disc brake compatibility: Flatmount or Postmount

The Oryx Disc 15TA is backwards compatible with postmount disc calipers by using following adapters:

- For 140mm rotor: BRPADATRP005
- For 160mm rotor: BRPADATRP002

**6.1.4. PART CODES**

All the Oryx Disc 15TA forks have a particular part code composed by the letters 'FORORY4ZA..', added by 3 numbers.

The three numbers, depending on model and graphic design. Due to the big amount of forks we don't list all the numbers but you can contact your local dealer for more information if needed.

**6.2. HEADSET**

45° Oversized angular contact bearing (S.H.I.S.: IS42/28,6|IS52/40):

- Lower bearing: 1 1/2"
- Upper bearing: 1 1/8"

Recommended headsets:

RIDLEY PART CODE	TYPE	BRAND
HSERACFSA008	NO.42/ACB-A-H6091	FSA

**6.3. SEAT POST**

The X-Trail A is compatible with 27,2mm seatposts.

**6.3.1. SEAT POST CLAMP**

The seat post clamp size is 31,8mm.

**6.4. BOTTOM BRACKET**

The frame is designed for BSA threaded cups and has a width of 68 mm.

## 6.5. BRAKES

The X-Trail A frame is compatible with most standard disc brakes, available in the market.

Disc brake mounting system: Shimano Flatmount (20mm bolts spec), compatible with 140mm and 160mm rotors

Disc brake compatibility: Flatmount or Postmount

The X-Trail Carbon frame is backwards compatible with postmount disc calipers by using following adapters:

- For 140mm rotor: BRPADATRP003
- For 160mm rotor: BRPADATRP004

## 6.6. DERAILLEURS

### 6.6.1. FRONT

The frame uses a clamp-on front derailleur with 31.8mm clamp.

### 6.6.2. REAR

The hanger, used for the X-Trail A, is HAARCERID036.



## 6.7. HIDDEN FENDER MOUNTS

The Oryx Disc 15TA fork features fender mounts. This makes it possible to install standard fenders. The frame will be subjected to a running change starting from 2016 and will be provided with a fender mount at the seattube. This allows to install a standard rear fender provided a double stay fender design is used, small modifications will be required to make the fender fit to the BB mounting point and the seattube mounting point.

## 7. WHEELS AND TIRES

### 7.1. FORK

The fork is developed for 700C wheels with a build in width of 100 mm and a 15mm Thru-Axle. We recommend a maximum tire size of 38mm (700x38c). The fork will be equipped with a 4ZA quick release (part code QRET154ZA001).

### 7.2. FRAME

The frame is compatible with 700c Disc wheels with a built-in width of 135 mm and a quick release system.

### 7.3. TIRES

We recommend 38mm (700x38c) as maximum tire size.

Please note that not all tire manufacturers use the same sizing standard so we recommend to do assembly check and confirm clearances.

## 8. WARRANTY INFORMATION

### 8.1 MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 95 kg.

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