

# ***X-RIDE DISC*** **FRAME PASSPORT**

Type: 7Dd  
last update: 11/10/2017

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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

Featuring Ridley's performance cross technology, the X-Ride Disc is designed to be the lightest racing aluminum frame in the world.

### 1.2. PART CODES

All the X-Ride frames have a particular part code composed by the letters "FRAXRIRID...", added by 3 numbers. The three numbers change depending 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

The X-Ride Disc is made of high quality 7005 aluminum.

## 3. WEIGHT

### 3.1. FRAME

| SIZE | WEIGHT (*) |
|------|------------|
| 48   | 1460 GRAMS |
| 50   | 1480 GRAMS |
| 52   | 1500 GRAMS |
| 54   | 1530 GRAMS |
| 56   | 1560 GRAMS |
| 58   | 1600 GRAMS |
| 60   | 1640 GRAMS |

(\*) Weight of painted frame, real weight may differ from the weight mentioned above by 5 %.

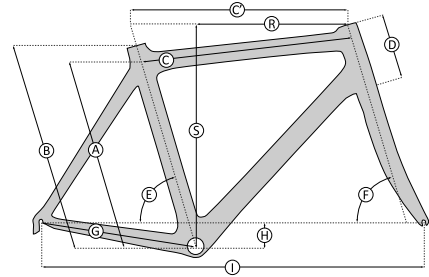
### 3.2. FORK

The X-Ride originally featured a 4ZA Oryx quick release fork with a weight of around 440 g (\*). This fork will be submitted to a running change with the 4ZA Oryx thru axle fork starting from 2016. This thru axle fork has a weight of approximately 460 g (\*).

(\*)Weight of painted fork, real weight may differ from the weight mentioned above by 5 %.

## 4. GEOMETRY

| SIZE | A   | B   | C   | D       | E    | F  | G   | H  | I    | S   | R   |
|------|-----|-----|-----|---------|------|----|-----|----|------|-----|-----|
| 48   | 480 | 520 | 525 | 115/89  | 74,5 | 72 | 425 | 57 | 1010 | 762 | 385 |
| 50   | 500 | 540 | 530 | 125/105 | 74   | 72 | 425 | 57 | 1012 | 779 | 381 |
| 52   | 520 | 560 | 535 | 145/120 | 73,5 | 72 | 425 | 59 | 1014 | 797 | 377 |
| 54   | 540 | 580 | 545 | 165/140 | 73,5 | 72 | 425 | 61 | 1020 | 816 | 380 |
| 56   | 560 | 600 | 560 | 185/159 | 73,5 | 72 | 425 | 61 | 1040 | 835 | 389 |
| 58   | 580 | 620 | 575 | 205/178 | 73   | 72 | 425 | 61 | 1050 | 853 | 394 |
| 60   | 600 | 640 | 585 | 198     | 73   | 72 | 425 | 61 | 1045 | 872 | 400 |



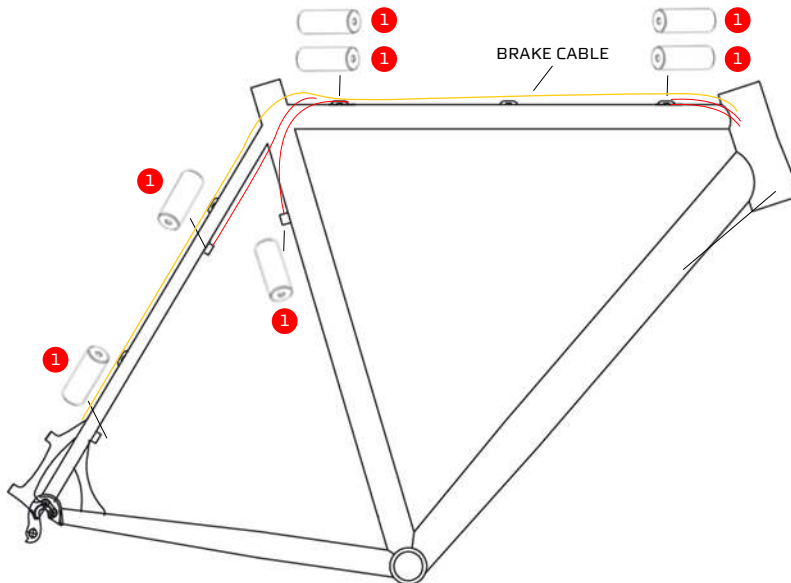
## 5. CABLE ROUTING

### 5.1. COMPATIBILITY

The X-Ride Disc is compatible for mechanical group sets only.

### 5.2. MECHANICAL CABLE ROUTING

Below you can see the cable routing of the X-Ride Disc.



| NO. | PART                   | PART CODE    | QUANTITY |
|-----|------------------------|--------------|----------|
| 1   | END CAP, SHIFTER CABLE | CABSTIJAG002 | 7        |



## 6. PARTS

### 6.1. FORK

The standard fork, used for the X-Ride Disc, is the 4ZA Oryx Disc fork. Pre 2016 forks feature a 9mm quick release, post 2016 forks will feature a 12mm Thru-axle.

#### 6.1.1. MATERIAL

- Fork legs: Carbon
- Steerer tube: Carbon

#### 6.1.2. DIMENSIONS

- Steerer tube length: 300 mm
- Headset: 1 1/8" upper ring – 1 1/2" lower ring
- Fork rake: 47 mm
- OLD (OverLock nut Distance): 100 mm

#### 6.1.3. DIMENSIONS

The Oryx disc fork is compatible for post mount disc brakes with a maximum rotor size of 160 mm.

#### 6.1.4. PART CODES

All the 4ZA Oryx Disc forks have a particular part code composed by the letters "FORORY4ZA...", added by 3 numbers. The three numbers, depending on the 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 headset:

| RIDLEY PART CODE | TYPE             | BRAND | BRAKES        |
|------------------|------------------|-------|---------------|
| HSECRSFS004      | 9M/CUP/CC/42/ACB | FSA   | MINI V-BRAKES |



### 6.3. SEAT POST

The X-Ride Disc frame is developed to use a 27,2 mm seat post. To fix the seat post the 4ZA 31,8 mm (Part Code: SPCSNG4ZA020) seat post clamp can be used.

### 6.4. BOTTOM BRACKET

The bottom bracket is BSA threaded and has a width of 68 mm to fit standard BSA68 cups.

### 6.5. BRAKES

The X-Ride Disc is compatible for disc brakes only:

Fork: - Type: Post mount  
- Max. rotor size: 160 mm

Frame: - Type: Post mount  
- Max. rotor size: 140 mm

### 6.6. DERAILLEUR

#### 6.6.1. FRONT

The frame is designed to use a clamp on top pull or down pull (by use of the standard assembled cable wheel) derailleur for a 34,9 mm seat tube. Also a braze on derailleur can be used if it's used together with the 4ZA 34,9 mm front derailleur clamp (Part code: FDCNOB4ZA004).

#### 6.6.2. REAR

The hanger, used for the X-Ride Disc is the HAARCERID027.





## 7. WHEELS AND TIRES

### 7.1. FORK

The pre 2016 fork is developed for 700C cyclocross disc wheels with a build in width of 100 mm and a quick release system with a maximum diameter of 9 mm. The post 2016 fork is developed for 700C cyclocross disc wheels with a build in width of 100 mm and a Thru axle system with a 120 mm width, 12mm diameter and a M12\*P1.5 thread.

### 7.2. FRAME

The frame is developed for 700C cyclocross disc wheels with a build in width of 135 mm and a quick release system with a maximum diameter of 9 mm.

### 7.3. TIRES

We recommend a maximum tire width of 36 mm.

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 110 kg.

**#BeTOUGH**