

RIDLEY

Frame passport · Ignite A · type 7E2 · English
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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. PART CODES

All the Ignite A frames have a particular part code composed by the letters "FRAIAgRID", 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. You can contact your local dealer for more information if needed.

2. MATERIAL

Used frame materials:

- The Ignite A is built out of high quality 6061 triple butted heat-treated aluminum.

3. WEIGHT

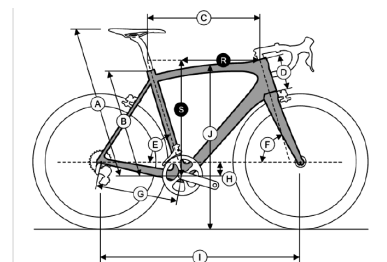
3.1. FRAME

Size	weight (*)
S	1680 grams
M	1780 grams
L	1830 grams
XL	1910 grams

(*) Weight of painted frame, real weight may differ from the weight mentioned above by $\pm 10\%$.

4. GEOMETRY

SIZE	A	B	C	D	E	F	G	H	I	J	S	R
S	-	380	580	100	73,5	70,0	440	58	1074	-	614	398
M	-	435	600	100	73,5	70,0	440	58	1094	-	614	418
L	-	485	625	110	73,5	70,0	440	58	1120	-	623	642
XL	-	535	650	130	73,5	70,0	440	58	1146	-	642	460



5. CABLE ROUTING

5.1. COMPATIBILITY

The Ignite A is compatible with:

- Mechanical groupsets 1x10, 2x10, 1x11, 2x11, 1x12 and 2x12

5.2. MECHANICAL 2x CABLE ROUTING

Below you can find the parts needed for a mechanical 2x groupset:

no.	part	part code	quantity
1	CABLESTOPPER HOLE OPEN + SCREW	FRPSTORID017	2
2	CABLECLIP	FRPCLIOLY001	8
3	FRONT DERAILLEUR CLAMP 31.8MM – BOOST – SHIMANO DIRECTMOUT	FDCNOBNOB004	1
4	-	-	-
5	-	-	-
6	-	-	-

5.3. Mechanical 1x cable routing

Below you can find a drawing of the parts needed for an mechanical groupset, 1x drivetrain

no.	part	part code	quantity
1	CABLESTOPPER HOLE OPEN + SCREW	FRPSTORID017	1
2	CABLESTOPPER HOLE CLOSED + SCREW	FRPSTORID018	1
3	CABLECLIP	FRPCLIOLY001	8
4	-	-	-
5	-	-	-
6	-	-	-

6. PARTS

6.1. FORK

The Ignite A is compatible with both rigid and suspension forks, from various suppliers. The frame geometry is suited for 100mm travel forks. Please note that not all 100mm forks have the same dimensions, so we recommend to do an assembly check and confirm clearances when fork is fully compressed.

Because the frame has a tapered headtube (1 1/8" to 1 1/2"), we advise to use forks with tapered steerer. This will give best stiffness and steering precision. However, it is possible to use forks with a non-tapered 1 1/8" steerer by using a compatible headset/fork ring.

6.2. HEADSET

- 45° Oversized angular contact bearing (S.H.I.S.: IS42/28,6|IS52/40):
 - o Lower bearing : 1 1/2"
 - o Upper bearing : 1 1/8"

ridley part code	Type	brand
HSERACFSA008	FSA NO.42 ACB	FSA
HSERACDEE002	DEDA HSE IN-5 INT	Deda

6.3. SEAT POST

The Ignite A frame is developed to use a 27,2 mm seat post. We advise to use a seatpost with sufficient length (400mm) in order to reach the desired saddle height. Always refer to the minimum seatpost insertion marks on the seatpost.

To fix the seat post the 4ZA 31,8 mm (SPCSNGNOB001) seat post clamp can be used.

6.4. BOTTOM BRACKET

The bottom bracket is a Press Fit type with a diameter of 41mm and a width of 92mm . Below bottom bracket cups are being used for the standard assembled bikes.

6.5. BRAKES

The Ignite A frame is only compatible with disc brakes. There are no rim brake posts.

The rear brake caliper is attached to the frame on the left chainstay/drop-out. It uses the postmount standard and has a minimum rotor size of 160mm.

6.6. DERAILLEUR

6.6.1. FRONT

The Ignite A frame is equipped with a full replaceable frameclamp (FDCNOBNOB004) for the Direct Mount Side Swing front derailleur.

6.6.2. REAR

The hanger, used for the Ignite A is the HAAMTBRID017- AMP: Hanger Ignite A9 7E2

The Ignite A frame is compatible with standard mount rear derailleurs.

7. WHEELS AND TIRES

7.1. FRAME

The frame is developed for 29" mountain bike wheels with a build in width (OLD) of 148mm.. The frames uses a 12mm Trough Axle system. The Trough Axle used on the frame is QRET124ZA009- QR 4ZA 12TA 178L Rear w.o logo - Flat washer.

7.2. TIRES

We recommend 29 x 2.25 (57-622) as a maximum tire size. Please note that not all tire manufacturers use the same sizing standard so we recommend to do an assembly check and confirm clearances.

8. WARRANTY INFORMATION

8.1. MAXIMUM RIDER WEIGHT

The maximum advised rider weight is 110 kg.