





## **SRAM® ORIGINAL PARTS**

## CAUTION:

The SRAM Warranty policy does not cover damages caused by the use of non-SRAM parts.

Use only SRAM parts with SRAM components.

Installation of parts and accessories not originally intended could result in less than optimal performance and/or injury.

For in-depth service information on SRAM products, refer to our website at www.sram.com/ service. Contact your local SRAM distributor or dealer for ordering information.

Information contained in this publication is subject to change at any time without prior notice. Your product's appearance may vary from the diagrams contained in this catalog.

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NOTES



## ZIPP HUB AND FREE HUB IDENTIFICATION



#### ZIPP 88/188 V10 HUBS

We introducted the 88/188 V10 hub along with the 404 Firestrike wheel set. This wheel came with ceramic bearings and has slotted spoke holes on machined flanges. This hub was made for rim brake only, not offered in a disc brake platform.

## ZIPP 77D/177D - Disc Hubs

This hub was designed for disc brake use on the 30 Course, 202 Firecrest & 303 Firecrest. The 77D and 177D have machined hub flanges for straight pull spokes, and the axle end caps on the hub's axle are interchangable with different wheel spacings and wheel attachment system.

## July 2013 - Disc Brake Hub

We introduced the 303 Firecrest disc brake wheel set with new front and rear black Zipp disc brake hubs, 24/24 spokes 100mm front and 135mm rear spacing. Note the spoke angles for disc brake wheels are different (lower angles) than regular road brake wheels and the lacing pattern is 1x, 1x front and 2x,2x on the rear.

### ZIPP 188 REAR AND 88 FRONT HUBS (2009)

A completely new design, these hubs have a 17mm axle, pawls with individual leaf springs, 32 teeth ratchet ring, slotted flanges, aero clinch nuts, internal seals and lateral play adjustment. Front end caps are smoke colored with blue/smoke or red rear end caps. Wheel lacing is reversed with 2x drive and radial non-dive spoke pattern. Free hubs are NOT inter-changeable and require a separate conversion kit that includes spacers, seal and matching end cap. Maintenance instructions are available including exploded diagrams. The rear end caps on Shimano hubs changed from smoke to red in November 2009.

In May 2010 the 88 front hub spoke retention ring and clinch nut were altered. The spoke retention ring was made thinner, clinch nut diameter enlarged and the boss shape changed.

#### 88/188 - October 2011

Re-design (V7) and improve the current 88/188 hubs with canted, rear, non-drive flange and rear axle changed to accommodate 7.5mm wider non-drive bearing location. Hub are offered in two color options - falcon gray and beyond black across the wheel line, (October 2011). These changes improve rear 188 hub axle durability and allow 6% stiffer wheels to be built with the same spoke tension. On the 88 front hub, the only change is the color options – the silver and ZedTech hub 88/188 hub versions are discontinued.

Note: the rear 188 hub shell and axle are NOT compatible with the earlier silver version. The bearings (61803) end caps and seals remain

Note: the rear 188 hub shell and axle are NUT compatible with the earlier silver version. The bearings (61803) end caps and seals remail unchanged.

## 2013 Zipp V8 188 Hub for 11 Speed

In October 2012 a new rear hub version was released to accommodate Shimano11 and Campagnola 11 speed drive chains. The 188 V7 (2012 gray and black) rear hub was modified as follows:

- 1. Overall drop to drop length (OLD) is increased by 0.8mm
- 2. Axle internal diameter is reduced by 1.0mm (walls are thickened to increase axle strength) (left in image)
- 3. Non-drive side rear end cap is reduced by 1mm, 'O' ring removed and colored black (left in image)
- 4. New 11 speed free hub with laser etching, serial number and shim for 10 speed

The V8 88/188 hubs are only available in black, they build a rear wheel which is more durable and marginally stiffer at the same spoke tension. The axle, end cap and free hub are not compatible with the older hub versions (2009-2012). A conversion service is available for only for 2012 188 hubs (gray or black) from Zipp certified wheel builders. The conversion kit is not sold after-market.

#### November 2012 -

Revised V6 black rear axle with thicker wall and anno treatment replaces original gray V6 axle. Note the revised axle uses the black end cap and not the red or blue.

## Free hubs Zipp 188 hubs 2009 -

Major changes in pawl design and shape. Each pawl now has its own leaf spring. Pawl socket ring is scalloped, seal is black. These free hubs are NOT interchangeable with earlier 182 or 208 models and are only sold in a conversion kit with seals, shims and endcaps. Note the 61803 bearings to accommodate the larger 17mm axle.





## ZIPP HUB AND FREE HUB IDENTIFICATION



## July 2012 - Campagnolo 11 Electronic

To accommodate Campy11 electronic, we re-machined blue anodized Campagnola free hubs to remove a small notch at the start of the splines. During July 2012 all available 182 and 188 free hubs were reworked. Going forward new blue Campy11 free hubs will be fully anodized with no silver markings.

## 2013 Zipp 188 V8 Free Hub for 11 Speed

1.85mm spacer needed to run 10 speed with 2013 V8 11 speed free hub

The 11 speed free hub is not compatible with the previous version (V7) of the 188 free hub. It is recognized by the yellow laser etching and is assigned an individual serial number. This free hub must be used with the 2013 black axle and non-drive side end-cap. To run 10 speed with this free hub, you will need the extra spacer (supplied with new wheels and conversions

## ZIPP 182 REAR and 82 FRONT HUBS (2006-2008)

These hubs are distinguished from the 202/84 model by brightly colored free hub bodies (Shimano red, Campagnolo blue), a plastic retaining ring behind the carbon hub caps, a reduction in weight (30g), redesigned pawl springs and an increase in the rear ear flange dimensions (52mm).

## Free hubs Zipp 182 - 208 hubs 2005-2008

Machined and forged / Shimano red Campagnolo blue

The difference between machined and forged Shimano free hub bodies is a dull, deeper maroon, rougher surface finish and a scribed ring 1/3 towards the seal between the body and the red pawl carrier in the forged body. Since mid year 2005, Shimano free hubs are red and Campagnolo are blue. These bodies have 2 x 61082 bearings and a red seal between the pawl carrier and the main body.

### ZIPP 202 REAR and 84 FRONT hubs (2002-2005)

Al alloy silver polished hub bodies, most easily recognized by carbon weave protective end caps on both front and rear hubs. Available for either Shimano or Campagnolo, the bodies are interchangeable, but are not compatible with earlier models due to over-sized 15mm axle on the 202 rear and 84 front hubs.

There are 2 versions of the silver free hub body for this hub model. The 202W free hub has a solid silver ring on the free hub side adjoining the pawls, while the 202P has grooves that are machined all the way through with a slight 'lip' at the end of each spline. Status discontinued (2012), spare parts (e.g. axles and non-drive end caps) may not be available or will be very hard to find.

## Free Hubs 202P and 202W models

This is where we find the largest confusion. 202P has the grooves extending all the way across the main body with a small lip on the splines. The 202W (Shimano) has a solid silver ring at the back between the pawl carrier and the main body, the grooves are blocked.

## **ZIPP 282 REAR AND 102 FRONT HUBS (1999 to 2001)**

The 102 front and 282 rear hubs are an ideal combination of performance, weight, durability, and value. Recognizable from other ZIPP hubs by their black anodized all aluminum hub construction; the 102 and 282 are available for both Shimano 8/9 speed and Campagnolo 9/10 speed systems. The 102 and 282 are the first ZIPP hubs to utilize butted or oval straight pull spokes. Free-hub bodies are interchangeable. Both front and rear hubs turn on the highest quality industrial cartridge bearings available. These bearings were used in a number of subsequent ZIPP wheel sets. If you need parts for the 2 pawl earlier 282 hub (often called the Swiss version), you must change axle, end caps and free-hub to upgrade to the 3 pawl (USA) model. Hub maintenance notes. Status: discontinued, parts are difficult to find.

Note: early 282 hubs may be silver. When interchanging free hub bodies, check to see if the existing hub uses two or three pawls in the engagement mechanism and check bearing seal color.

In mid-2001 a 'USA' built version of the 282 was introduced. It is laser etched in the center of the hub flange with "USA" in silver on the black hub shell. Free-hub bodies are not inter-changeable between earlier 'swiss' versions and the usa version. Model 102 front: flange diameter = 23mm, center to flange = 39mm. Model 282 rear free hub: drive side flange = 51mm, non-drive flange = 33.5mm, center to drive side flange = 12mm, center to non-drive flange = 35mm. Maintenance notes.

Free hub bodies: 'USA' have blue bearings seals, 'Swiss' has black bearing seals - not inter-changeable.

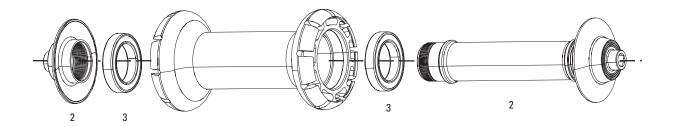
## Free Hubs 282 models

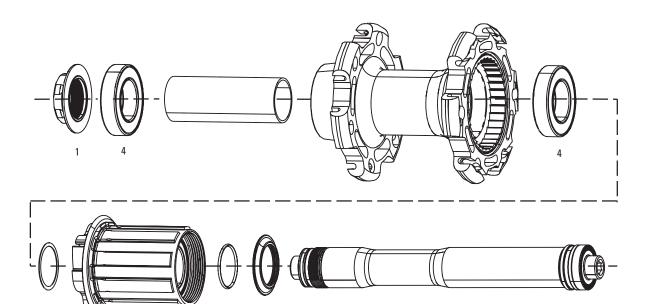
Champagne color with a solid back ring between the splines and the pawl carrier.









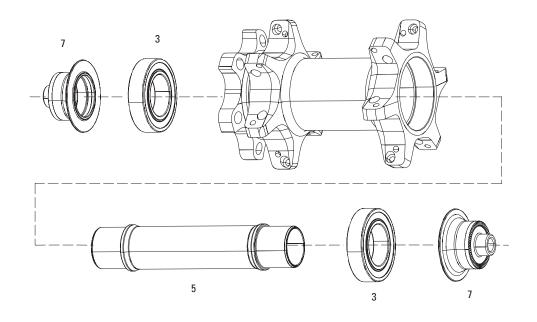


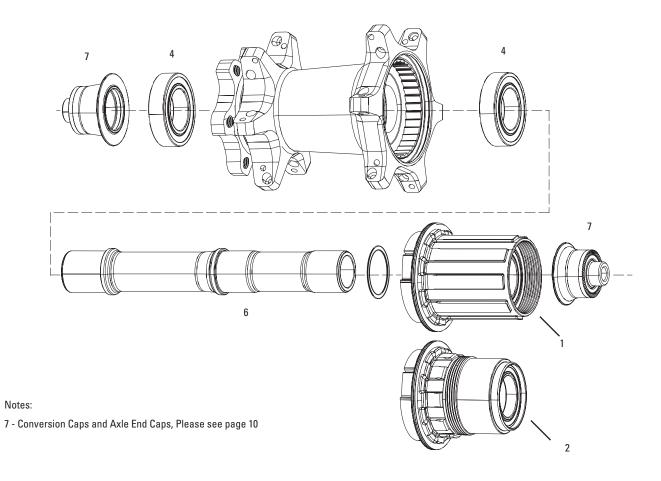
No.	Part Number	Description
1	11.1918.041.000	Zipp Axle for 188 V10 Fire Strike 11 Speed Rear Hub with End Cap
2	11.1918.042.000	Zipp Axle for 88 V10 Fire Strike Front Hub with End Caps
3	11.1918.043.000	Hub Bearings Front Zipp 88 V10 Fire Strike Pair
4	11.1918.043.001	Hub Bearings Rear Zipp 188 V10 Fire Strike Pair
5	11.1918.045.000	Freehub Kit 188 V10 Firestrike 11 speed SRAM
5	11.1918.045.001	Freehub Kit 188 V10 Firestrike 11 speed Campangolo

5

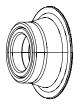
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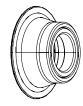
# **ZIPP HUBS - 77 / 177**





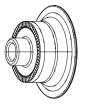








Conversion Caps Wheel Zipp 77Disc Front 100/12mm Thru Axle

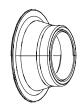




11.1918.047.000

Axle End Cap Zipp 77Disc Front Quick Release





11.1918.046.001

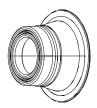
Conversion Caps Wheel Zipp 77Disc Front 100/15mm Thru Axle

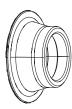




11.1918.046.004

Conversion Caps Wheel Zipp 77Disc Front 100/9mm RWS Thru Bolt

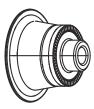




11.1918.046.002

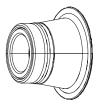
Conversion Caps ZIPP 177DISC Rear, 10x135 QR, fits XD Driver Body





11.1918.048.000

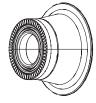
Axle End Cap Rear Zipp 177Disc Rear 11 speed Quick Release





11.1918.046.003

Conversion Caps ZIPP 177DISC Rear, 12x142 Through Axle, fits XD-Road Driver Body





11.1918.046.005

Conversion Caps Wheel Zipp 177Disc Rear 135/10mm RWS Thru Bolt

# **ZIPP HUBS - 77 / 177**

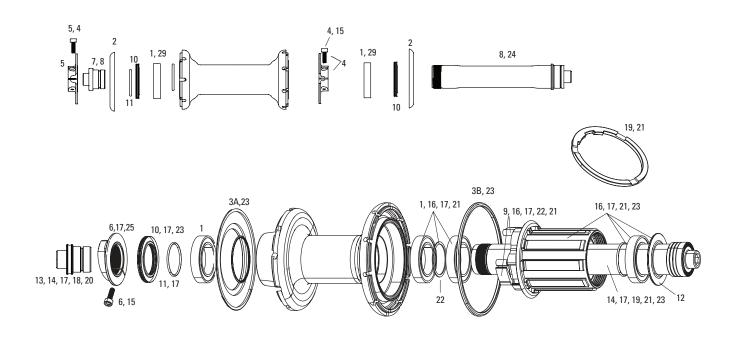
No.	Part Number	Description
1	11.1918.049.000	Freehub Kit Zipp 177 11 speed SRAM
ns	11.1918.049.001	Freehub Kit Zipp 177 11 speed Campagnolo
2	11.1918.049.002	Freehub Kit Zipp 177 11 speed SRAM XD-Road, fits XD-Road Driver Body
3	11.1918.050.000	Bearing Kit Front Zipp 77 Disc 61803 Qty2
4	11.1918.050.001	Bearing Kit Front/Rear Zipp 177 Disc 61903 Qty2
ns	11.1918.051.000	End Cap O-Ring Front/Rear 77/177Disc 17mm Qty3
ns	11.1918.052.000	Freehub Body Seal Zipp 177 Qty1
5	11.1918.053.000	Axle Front Zipp 77 Disc Brake (Axle Only)
6	11.1918.053.001	Axle Rear Zipp 177 Disc Brake (Axle Only)

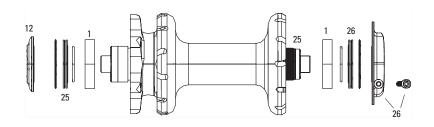
## **CONVERSION CAPS AND AXLE END CAPS (SEE PAGE 10)**

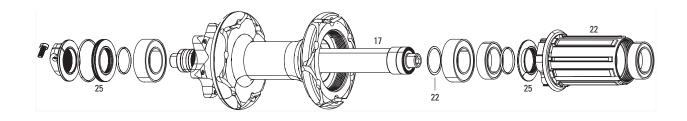
/	11.1918.046.000	Conversion Caps Wheel Zipp //Disc Front 100/12mm Thru Axle
7	11.1918.046.001	Conversion Caps Wheel Zipp 77Disc Front 100/15mm Thru Axle
7	11.1918.046.002	Conversion Caps ZIPP 177DISC Rear, 10x135 QR, fits XD-Road Driver Body
7	11.1918.046.003	Conversion Caps ZIPP 177DISC Rear, 12x142 Through Axle, fits XD-Road Driver Body
7	11.1918.046.004	Conversion Caps Wheel Zipp 77Disc Front 100/9mm RWS Thru Bolt
7	11.1918.046.005	Conversion Caps Wheel Zipp 177Disc Rear 135/10mm RWS Thru Bolt
7	11.1918.047.000	Axle End Cap Rear Zipp 177Disc Front Quick Release
7	11.1918.048.000	Axle End Cap Rear Zipp 177Disc Rear 11 speed Quick Release











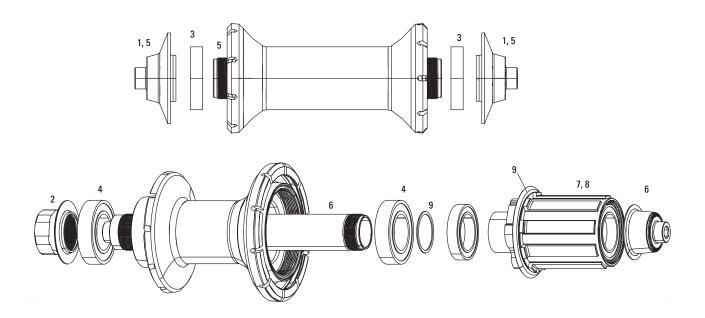


No.	Part Number	Description
1	11.1915.028.000	Hub Bearings Front or Rear Zipp 88/188 Pair
1	11.2018.024.000	Hub Bearings Rear Pair ZIPP 188 V9
2	11.2018.001.000	Reinforce Ring Radial Side Black Front 88v7
3A	11.1915.042.000	Reinforce Ring Non-Drive Smoke Zipp 188 Smoke
3A	11.2018.001.001	Reinforce Ring Non-Drive Side Black Rear 188v7
3B	11.1915.043.000	Reinforce Ring Radial Smoke Zipp 188 Smoke
3B	11.2018.001.002	Reinforce Ring Radial Side Black Rear 188v7
4	11.1915.031.000	Clinch Nut Non-Threaded Silver Front Zipp 88 with Screw
4	11.2018.000.000	Clinch Nut and Screw Non-Threaded Black Front 88v7
5	11.1915.032.000	Clinch Nut Threaded Silver Front Zipp 88 with Screw
5	11.2018.000.001	Clinch Nut and Screw Threaded Black Front 88v7
6	11.1915.044.000	Clinch Nut Threaded Silver Rear Zipp 188 with Screw
6	11.2018.000.002	Clinch Nut and Screw Threaded Black Rear 188v7
7	11.1915.033.000	Axle End Cap Front Zipp 88 Hub
8	11.1915.034.000	Front Axle with End Cap Zipp 88 Hub
9	11.1915.035.000	Spring and Pawl Set for Zipp 188 Rear Hub Qty 4
10	11.1915.036.000	Bearing Shield Front or Rear Zipp 88/188
11	11.1915.037.000	O-Ring Bearing Shield Front or Rear Zipp 88/188 Hub Qty 5
12	11.1915.040.000	Dust Cap Shield Freehub Zipp 188 Campagnolo
12	11.1915.040.010	Dust Cap Shield Freehub Zipp 188 SRAM/Shimano
13	11.1915.045.000	Axle End Cap Rear Zipp 188 SRAM/Shimano
13	11.1915.045.010	Axle End Cap Rear Zipp 188 Campagnolo
14	11.2100.096.000	Axle Assembly Zipp 188 Silver Hub Rear SRAM/Shimano Freehub
15	11.2015.036.000	Clinch Nut Set Screw Zipp 88/188 M25x8
16	11.2100.094.000	Freehub Conversion Kit 188 SRAM/Shimano
16	11.2100.094.010	Freehub Conversion Kit 188 Campy
16	11.1918.006.000	Front Axle with End Cap Zipp Black 88 Hub(Uses 11.1918.011.000 End Cap)
17	11.1918.010.000	Zipp Axle for 188 11 speed Rear Hub Black
18	11.1918.011.000	Axle End Cap Rear Zipp 188 11 speed SRAM
19	11.1918.008.000	Cassette Spacer 10 speed 188 SRAM Freehub 11 speed
20	11.1918.007.000	Freehub Kit 188 11 speed SRAM
ns	11.1918.007.001	Freehub Kit 188 11 speed Campagnolo
21	11.1918.009.000	Conversion Kit 10 Speed to 11 Speed 188 SRAM
22	11.1915.038.000	Freehub Body Spacer Zipp 188 Rear Oty 2
	11.1915.039.000	O-Ring End Cap Front or Rear Zipp 88/188 Qty 5
23	11.1918.019.000	Axle Rear Zipp 188 Disc Brake With End Cap
24	11.1918.019.001	Axle Front Zipp 88 Disc Brake With End Cap
25	11.2018.015.000	Bearing Shield Front or Rear Zipp 88/188 Disc Brake
26	11.2018.016.000	Clinch Nut and Screw Threaded Black Front 88 Disc Brake



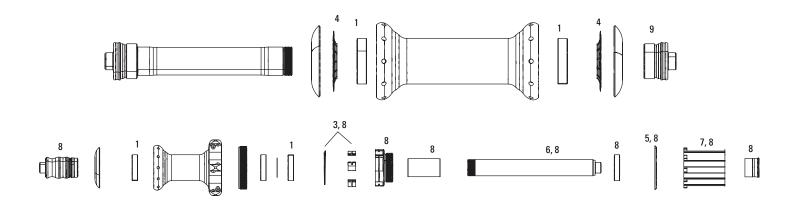






NO.	Part Number	Description
1	11.1918.020.000	End Cap Front 30/60 Black
2	11.1918.020.001	End Cap Assembly Non Drive Rear 30/60 Black
3	11.1918.021.000	Bearing Kit Front 30/60 61803 Qty2
3	11.1918.183.000	ZIPP CeramicSpeed Bearing Kit - 61803 - ZIPP 30/60 88 Front Hub Shell, (bearings and one grease syringe)
4	11.1918.021.001	Bearing Kit Rear 30/60 61903 Qty2
4	11.1918.183.001	ZIPP CeramicSpeed Bearing Kit - 61903 - ZIPP 30/60 Rear Hub Shell
5	11.1918.022.000	Axle With End Cap Front 30/60 Black
6	11.1918.022.001	Axle With End Cap Rear 30/60 Black
7	11.1918.024.000	Freehub Body SRAM 30/60
8	11.1918.024.001	Freehub Body Campagnolo 30/60
9	11.1918.025.000	Freehub Body Seal and Spacer 30/60





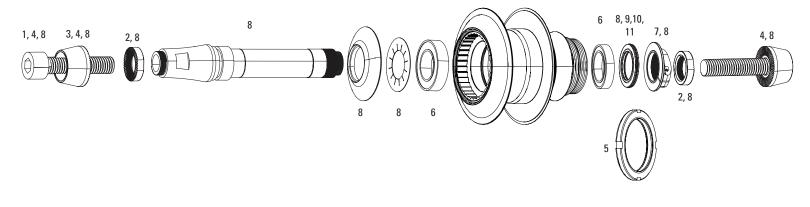
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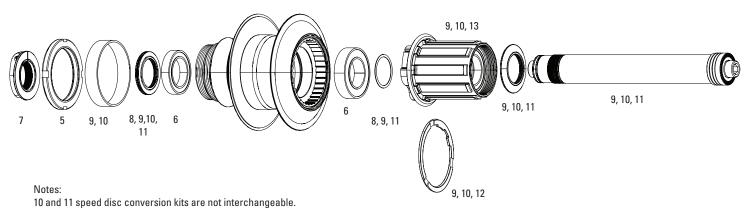
- 1 11.1915.049.000 Hub Bearings Front or Rear Zipp 82/182 Pair
- 1 11.1915.049.010 Hub Bearings Front or Rear Zipp 82/182 Pair Ceramic
- ns 11.1915.051.000 Spacer Front 2006 Zipp 82 Hub
- 3 11.1915.052.000 Spring and Pawl Set for Zipp 182 Rear Hub Oty 5
- 4 11.1915.053.000 Retaining Ring for Carbon Cap Zipp 82/182 Hub
- 5 11.1915.054.000 Freehub Body Spacer Zipp 182 Rear
- 6 11.1915.055.000 Axle Rear 2006 Zipp 182 Hub
- 7 11.1915.056.000 Freehub Body SRAM/Shimano Zipp 182 Red
- 7 11.1915.056.010 Freehub Body Campagnolo Zipp 182 Blue
- 7 11.1915.056.020 Freehub Body SRAM/Shimano Zipp 182 Red Ceramic
- 7 11.1915.056.030 Freehub Body Campagnolo Zipp 182 Blue Ceramic
- 7 11.1915.062.000 Freehub Body SRAM/Shimano Zipp 282E
- 7 11.1915.062.010 Freehub Body Campagnolo Zipp 282E
- 8 11.2100.029.000 2006 182 SRAM Conversion Kit
- 8 11.2100.031.000 2006 182 Campagnolo Conversion Kit
- ns 11.2100.027.000 2007 Track Axle Converson kit





# ZIPP DISC - SUPER 9 TRACK / 10 SPEED & 11 SPEED

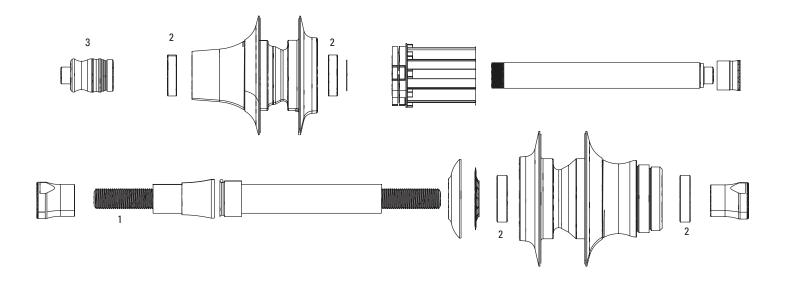




No.	Part Number	Description
NO.	Part Number	Description

		•
1	11.2018.018.000	Hex Bolt Zipp Track Disc 188
2	11.2018.019.000	Knurled Inner Washer Zipp Track 188V8 Pair
3	11.2018.020.000	Knurled Outer Washer Zipp Track 188V8
4	11.2018.021.000	Hex Bolt and Outer Washer Zipp Track Disc 188
ns	11.2018.022.000	Knurled Axle Washer and O-Ring Zipp Track Disc 188 10SPD
5	11.2018.023.000	Lockring Track Silver
5	11.2018.023.001	Lockring Track Black
6	11.2018.024.000	Hub Bearings Rear Pair ZIPP 188 V9
6	11.1915.064.000	Hub Bearings Front or Rear Pair Zipp Super 9
6		Hub Bearings Front or Rear Pair Zipp Super 9 Ceramic
7	11.2018.025.000	Clinch Nut Rear ZIPP 188 V9
8	11.1918.026.000	Conversion Kit Disc 11 Speed to Track 188 Black
8	11.2100.107.000	Track Axle Conversion Kit Disc 188 (Super 9)
9	11.2100.108.000	Road Conversion Kit Disc 188 (Super 9) Axle & Shimano FH 10 speed
ns		Road Conversion Kit Disc 188 (Super 9) Axle & Campy FH 10 speed
ns	11.1918.055.000	Conversion Kit Super 9 Disc Track to 11 speed to Campy
10		Conversion Kit Super 9 Disc Track to 11 speed to SRAM
11		Freehub Body Spacer Zipp 188 Rear Qty 2
12		Cassette Spacer 10 speed 188 SRAM Freehub 11 speed
13		Freehub Kit 188 11 speed SRAM
ns	11.1918.007.001	Freehub Kit 188 11 speed Campagnolo

# ZIPP DISC - 900 TRACK/ 10 SPEED



## No. Part Number Description

11.1915.072.000 Zipp Disc Track Axle Threaded Stud 1 11.1915.073.000 Zipp Disc Track Drive Spacer ns 11.1915.074.000 Zipp Disc Bearing R6 Pair 2 11.1915.074.010 Zipp Disc Bearing R8 Wheelchair Hub Pair ns 11.1915.075.000 Zipp Disc Hub Wave Spring ns 11.1915.076.000 Zipp Disc Hub End Cap Non Drive 2006 3 11.1915.069.000 Zipp Disc Track Axle Nut M10 ns 11.1915.069.010 Zipp Disc Track Axle Nut M9 ns 11.2000.002.000 Front Track Caps and Screws (Front Disc Only) 11.2015.034.000 High Flange Track Zipp Hub Axle Kit Front ns 11.2100.030.000 Freehub Body Campagnolo 10 Speed Zipp 202 04 ns 11.2100.012.000 Rear Track Caps and Screws (Rear Wheel and Disc) ns 11.1915.066.000 Zipp Disc Spacer Wheelchair Anodized ns 11.1915.066.010 Zipp Disc Axle Sleeve 99 ns 11.1915.066.020 Zipp Disc Axle Wheelchair ns 11.1915.068.000 Zipp Disc Track Cap Kit Front Qty 2 ns 11.1915.068.010 Zipp Disc Track Locknut Rear Black ns 11.1915.070.000 Zipp Disc Track Locknut and Spacer Black ns



## ZIPP SPOKES - NIPPLES - WASHERS



## Part Number Description

11.1915.080.120 Spokes & Nipples & Titanium Washers 3-pack 184mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.130 Spokes & Nipples & Titanium Washers 3-pack 198mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.220 Spokes & Nipples & Titanium Washers 3-pack 208mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.140 Spokes & Nipples & Titanium Washers 3-pack 210mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.230 Spokes & Nipples & Titanium Washers 3-pack 220mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.000 Spokes & Nipples & Titanium Washers 3-pack 222mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.010 Spokes & Nipples & Titanium Washers 3-pack 224mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.020 Spokes & Nipples & Titanium Washers 3-pack 226mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.280 Spokes & Nipples & Titanium Washers 3-pack 228mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.290 Spokes & Nipples & Titanium Washers 3-pack 230mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.160 Spokes & Nipples & Titanium Washers 3-pack 232mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.030 Spokes & Nipples & Titanium Washers 3-pack 234mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.170 Spokes & Nipples & Titanium Washers 3-pack 236mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.040 Spokes & Nipples & Titanium Washers 3-pack 244mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.050 Spokes & Nipples & Titanium Washers 3-pack 246mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide Spokes & Nipples & Titanium Washers 3-pack 248mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.060 11.1915.080.180 Spokes & Nipples & Titanium Washers 3-pack 250mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.300 Spokes & Nipples & Titanium Washers 3-pack 252mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.240 Spokes & Nipples & Titanium Washers 3-pack 256mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.070 Spokes & Nipples & Titanium Washers 3-pack 258mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.080 Spokes & Nipples & Titanium Washers 3-pack 260mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.090 Spokes & Nipples & Titanium Washers 3-pack 262mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.250 Spokes & Nipples & Titanium Washers 3-pack 264mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.310 Spokes & Nipples & Titanium Washers 3-pack 266mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.150 Spokes & Nipples & Titanium Washers 3-pack 270mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.100 Spokes & Nipples & Titanium Washers 3-pack 272mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide Spokes & Nipples & Titanium Washers 3-pack 274mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.190 11.1915.080.110 Spokes & Nipples & Titanium Washers 3-pack 276mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.320 Spokes & Nipples & Titanium Washers 3-pack 278mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide

11.1915.023.010 Spokes & Nipples 3-pack 196mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.020 Spokes & Nipples 3-pack 198mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.030 Spokes & Nipples 3-pack 206mm CX-Ray Straight-Pull External Silver 11.1915.023.040 Spokes & Nipples 3-pack 210mm CX-Ray Straight-Pull External Silver 11.1915.023.050 Spokes & Nipples 3-pack 218mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.000 Spokes & Nipples 3-pack 220mm CX-Ray Straight-Pull External Silver 11.1915.023.060 Spokes & Nipples 3-pack 222mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.070 Spokes & Nipples 3-pack 224mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.080 Spokes & Nipples 3-pack 226mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.090 Spokes & Nipples 3-pack 232mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.110 Spokes & Nipples 3-pack 236mm CX-Ray Straight-Pull External Silver 11.1915.023.120 Spokes & Nipples 3-pack 238mm CX-Ray Straight-Pull External Silver 11.1915.023.130 Spokes & Nipples 3-pack 240mm CX-Ray Straight-Pull External Silver 11.1915.023.140 Spokes & Nipples 3-pack 242mm CX-Ray Straight-Pull External Silver 11.1915.023.150 Spokes & Nipples 3-pack 244mm CX-Ray Straight-Pull External Silver 11.1915.023.160 Spokes & Nipples 3-pack 246mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.170 Spokes & Nipples 3-pack 248mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.190 Spokes & Nipples 3-pack 256mm CX-Ray Straight-Pull External Silver 11.1915.023.200 Spokes & Nipples 3-pack 258mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.210 Spokes & Nipples 3-pack 260mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.220 Spokes & Nipples 3-pack 262mm CX-Ray Straight-Pull External Silver 11.1915.023.230 Spokes & Nipples 3-pack 266mm CX-Ray Straight-Pull External Silver 11.1915.023.240 Spokes & Nipples 3-pack 268mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.250 Spokes & Nipples 3-pack 270mm CX-Ray Straight-Pull External Silver 11.1915.023.260 Spokes & Nipples 3-pack 272mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.270 Spokes & Nipples 3-pack 274mm CX-Ray Straight-Pull External Silver 11.1915.023.290 Spokes & Nipples 3-pack 278mm CX-Ray Straight-Pull External Silver 11.1915.023.300 Spokes & Nipples 3-pack 280mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.310 Spokes & Nipples 3-pack 284mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.320 Spokes & Nipples 3-pack 292mm CX-Ray Straight-Pull External Silver



## **ZIPP SPOKES - NIPPLES - WASHERS continued**



## Part Number Description

11.1915.024.290 Spokes & Nipples 3-pack 202mm CX-Ray J-Bend External Silver 11.1915.024.270 Spokes & Nipples 3-pack 204mm CX-Ray J-Bend External Silver 11.1915.024.000 Spokes & Nipples 3-pack 210mm CX-Ray J-Bend External Silver 11.1915.024.010 Spokes & Nipples 3-pack 212mm CX-Ray J-Bend External Silver 11.1915.024.020 Spokes & Nipples 3-pack 216mm CX-Ray J-Bend External Silver 11.1915.024.030 Spokes & Nipples 3-pack 224mm CX-Ray J-Bend External Silver 11.1915.024.040 Spokes & Nipples 3-pack 226mm CX-Ray J-Bend External Silver 11.1915.024.050 Spokes & Nipples 3-pack 228mm CX-Ray J-Bend External Silver 11.1915.024.060 Spokes & Nipples 3-pack 230mm CX-Ray J-Bend External Silver 11.1915.024.070 Spokes & Nipples 3-pack 232mm CX-Ray J-Bend External Silver 11.1915.024.080 Spokes & Nipples 3-pack 234mm CX-Ray J-Bend External Silver 11.1915.024.280 Spokes & Nipples 3-pack 238mm CX-Ray J-Bend External Silver 11.1915.024.090 Spokes & Nipples 3-pack 240mm CX-Ray J-Bend External Silver 11.1915.024.100 Spokes & Nipples 3-pack 246mm CX-Ray J-Bend External Silver 11.1915.024.110 Spokes & Nipples 3-pack 248mm CX-Ray J-Bend External Silver 11.1915.024.120 Spokes & Nipples 3-pack 250mm CX-Ray J-Bend External Silver 11.1915.024.130 Spokes & Nipples 3-pack 252mm CX-Ray J-Bend External Silver 11.1915.024.140 Spokes & Nipples 3-pack 254mm CX-Ray J-Bend External Silver 11.1915.024.150 Spokes & Nipples 3-pack 256mm CX-Ray J-Bend External Silver 11.1915.024.160 Spokes & Nipples 3-pack 258mm CX-Ray J-Bend External Silver 11.1915.024.170 Spokes & Nipples 3-pack 260mm CX-Ray J-Bend External Silver 11.1915.024.180 Spokes & Nipples 3-pack 262mm CX-Ray J-Bend External Silver 11.1915.024.190 Spokes & Nipples 3-pack 264mm CX-Ray J-Bend External Silver 11.1915.024.210 Spokes & Nipples 3-pack 274mm CX-Ray J-Bend External Silver 11.1915.024.220 Spokes & Nipples 3-pack 278mm CX-Ray J-Bend External Silver 11.1915.024.230 Spokes & Nipples 3-pack 280mm CX-Ray J-Bend External Silver 11.1915.024.240 Spokes & Nipples 3-pack 286mm CX-Ray J-Bend External Silver 11.1915.024.250 Spokes & Nipples 3-pack 288mm CX-Ray J-Bend External Silver 11.1915.024.260 Spokes & Nipples 3-pack 290mm CX-Ray J-Bend External Silver 11.1915.026.000 External Locking Nipples 20-pack for 101 Wheels 2.0 x 14 11.1915.026.010 External Nipples 50-pack for all Zipp Wheels Except 101 2.0x 14 11.1915.026.020 Nipple Washers Oval 50-pack for Firecrest Wheels 11.1915.026.030 Internal for SRAM S40 S60 S80 & Flashpoint Wheels 11.1915.026.040 External Locking Nipples Black 20-pack for 101 Wheels 2.0 x14 11.1915.026.050 External Nipples 50-pack for all Zipp Wheels Except 101 2.0x 14 11.1915.026.060 Nipple Washers Round Titanium 25-pack for 202 Carbon Clincher Firecrest Wheels 11.1915.026.070 External Hexagonal Secure Lock Nipples Black 20-pack for 30/60 101/202CC Wheels 2.0 x 14 11.1915.026.080 Spoke Retention Plugs 303 Disc Brake Hub 15 Pieces 11.1915.077.000 Zipp T-Handle with 55mm and 150mm Nipple Drivers 11.1915.025.000 Valve Cover Patches Z-logo 5 pieces



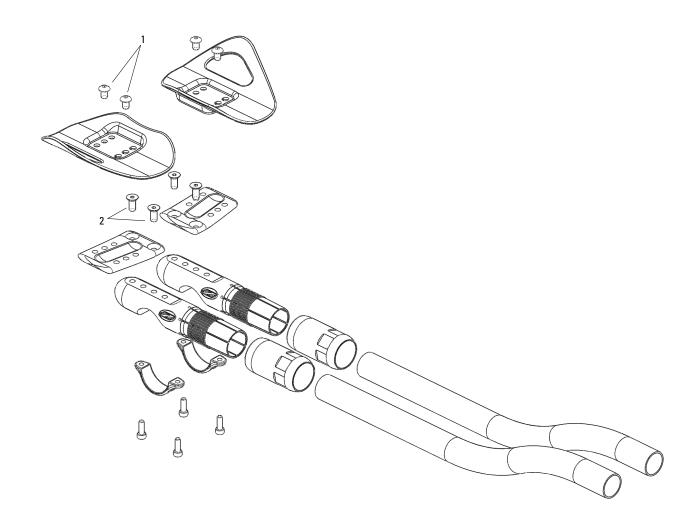




Part Number	Description
11.1918.015.000	Decal Set 202 Matte Black/No Border Zipp Logo Complete for One Tubular or Carbon Clincher
11.1918.030.000	Decal Set 202 Matte White/No Border Zipp Logo Complete for One Wheel
	Decal Set 202 Matte Blue/No Border Zipp Logo Complete for One Wheel
	Decal Set 202 Matte Red/No Border Zipp Logo Complete for OneWheel
	Decal Set 202 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.038.000	Decal Set 202 Matte Green/No Border Zipp Logo Complete for One Wheel
11.1918.015.001	Decal Set 303 Matte Black/No Border Zipp Logo Complete for One Tubular or Carbon Clincher
11.1918.030.001	Decal Set 303 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.035.001	Decal Set 303 Matte Blue/No Border Zipp Logo Complete for One Wheel
11.1918.036.001	. 11 0 1
	Decal Set 202 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.038.001	Decal Set 202 Matte Green/No Border Zipp Logo Complete for One Wheel
11.1918.015.002	Decal Set 404 Matte Black/No Border Zipp Logo Complete for One Tubular or Carbon Clincher
11.1918.030.002	Decal Set 404 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.035.002	Decal Set 404 Matte Blue/No Border Zipp Logo Complete for One Wheel
	Decal Set 404 Matte Red/No Border Zipp Logo Complete for OneWheel
11.1918.037.002	Decal Set 404 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.036.004	Decal Set 404 650 Matte Red/No Border Zipp Logo Complete for One Wheel Or Disc
	Decal Set 404 650 Matte Black/No Border Zipp Logo Complete for One Wheel Or Disc
	Decal Set 404 650 Matte White/No Border Zipp Logo Complete for One Wheel
	Decal Set 404 650 Matte Blue/No Border Zipp Logo Complete for One Wheel Or Disc
	Decal Set 404 650 Matte Pink/No Border Zipp Logo Complete for One Wheel Or Disc
11.1918.038.004	Decal Set 404 650 Matte Green/No Border Zipp Logo Complete for One Wheel Or Disc
	Decal Set 808 Matte Black/No Border Zipp Logo Complete for One Tubular or Carbon Clincher
	Decal Set 808 Matte White/No Border Zipp Logo Complete for One Wheel or Disc
	Decal Set Disc/808 Matte Blue/No Border Zipp Logo Complete for One Wheel
	Decal Set Disc/808 Matte Red/No Border Zipp Logo Complete for One Wheel
	Decal Set Disc/808 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.038.003	Decal Set Disc/808 Matte Green/No Border Zipp Logo Completefor One Wheel



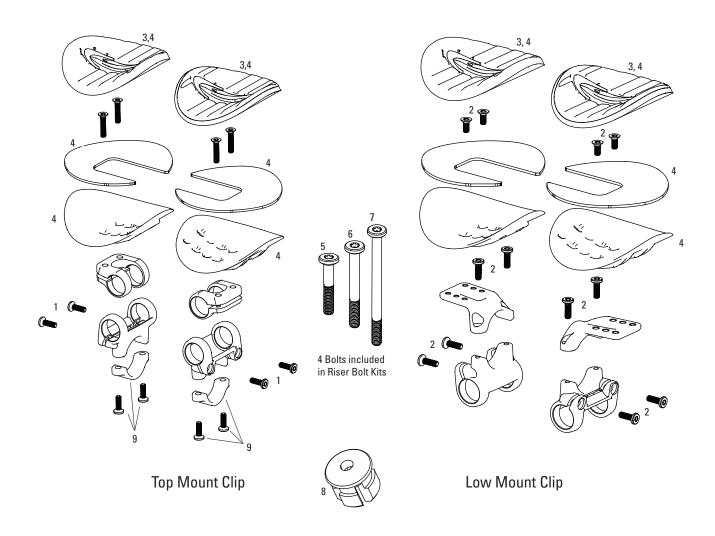




No.	Part Number	Description
ns	11.6615.002.010	Zipp Vuka Aero Collet
1	11.6615.003.020	Zipp Vuka Clip Pad Wing Screw Kit
2	11.6615.003.010	Zipp Vuka Clip wing Screw Kit
ns	11.6615.006.020	Zipp Aerobar Brake Lever with Spring
ns	11.6615.007.000	Zipp Vuka Clip Shim 31.8 to 26.0
ns	11.6615.008.000	Zipp Aerobar Cable Guide Stop
ns	11.6615.009.000	Zipp Handlebar Extension Plugs
ns	11.6615.010.000	Draw Bolt and Washer Zipp Vuka Aero
ns	80.1900.010.000	Handlebar End Pugs Zipp Carbon
ns	80.1900.011.000	Vuka Grip Tape for VukaAero
ns	80.1900.013.000	Vuka Elbow Pads for VukaAero & VukaClip
ns	11.6618.013.000	Vuka Elbow Pad Wing Extensions for Vuka Aero & Vuka Clip Left/Right
ns	11.6600.024.010	Vuka Shift 4mm Ferrules Qty 2
ns	11.6600.025.010	Vuka Shift 5mm Ferrules Qty 2







Note:

Vuka Alumina Riser Kits and Bolts kits, see page 23

No.	Part Number	Description
1	11.6618.000.000	Vuka Alumina Clip Bolt Kit Top Mount 1 Side
2	11.6618.000.001	Vuka Alumina Clip Bolt Kit Low Mount 1 Side
3	11.6618.001.000	Vuka Alumina Clip Armrest Pad Kit
4	11.6618.001.001	Vuka Alumina/Stealth/Aero Armrest Kit
5	11.6618.003.000	Vuka Alumina/Carbon Extensions End Plugs
6	11.6618.002.000	Vuka Alumina Riser Bolt Kit for 10mm
7	11.6618.002.001	Vuka Alumina Riser Bolt Kit for 25mm
8	11.6618.002.002	Vuka Alumina Riser Bolt Kit for 50mm
9	11.6618.014.000	Vuka Alumina Top Mount Lower Clamps and Bolt
ns	11.6618.012.000	Zipp Carbon Assembly Paste 5ml

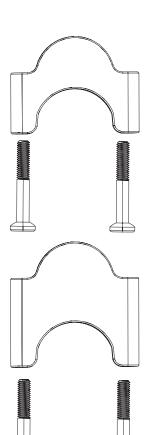
# **ZIPP VUKA ALUMINA RISER KIT AND BOLTS**

# **RISER 10/25/50MM**



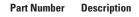
## Part Number Description

00.6618.023.000 Aerobar Vuka Alumina Clip Riser Kit 10mm 11.6618.002.000 Vuka Alumina Riser Bolt Kit for 10mm



## Part Number Description

00.6618.023.001 Aerobar Vuka Alumina Clip Riser Kit 25mm 11.6618.002.001 Vuka Alumina Riser Bolt Kit for 25mm

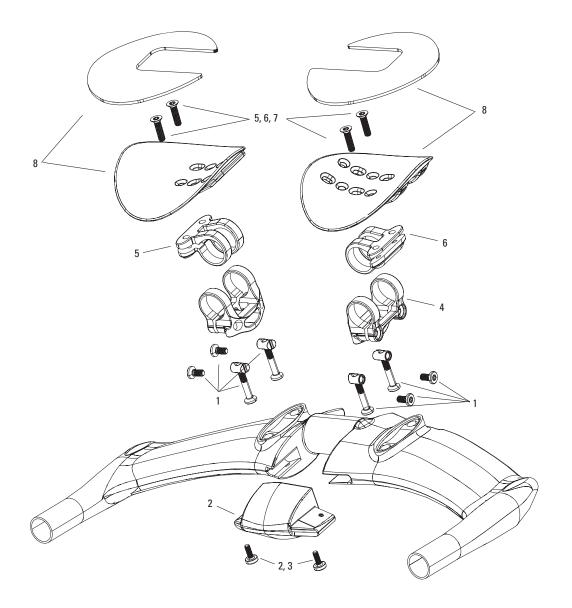


00.6618.023.002 Aerobar Vuka Alumina Clip Riser Kit 50mm 11.6618.002.002 Vuka Alumina Riser Bolt Kit for 50mm



# **ZIPP VUKA AERO (2015)**





Note: VukaStealth/Aero Riser Kits and Bolts kits, see page 26

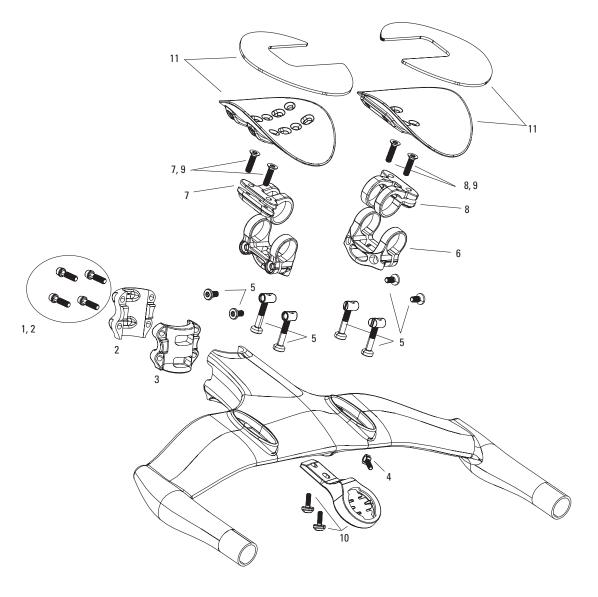
# No. Part Number Description 1 11.6618.019.000 Vuka Aero Extension Tower Bolt Kit 2 11.6618.021.000 Vuka Aero Center Cap Kit 3 11.6618.021.001 Vuka Aero Center Cap Bolt Kit 4 11.6618.008.002 Vuka Stealth Extension Tower (1 Side Only) 5 11.6618.009.000 Vuka Stealth Armrest Clamp Right with Bolts 20mm 6 11.6618.009.001 Vuka Stealth Armrest Clamp Bolt Kit 20mm 7 11.6618.001.001 Vuka Alumina/Stealth/Aero Armrest Kit





## **ZIPP VUKA STEALTH**





Notes:

Vuka Stealth/Aero Riser Kits and Bolts kits, see page 26

11.6618.012.000 Zipp Carbon Assembly Paste 5ml

#### No. Part Number Description 11.6618.004.000 Vuka Stealth Bolts for Stem with No Spacer T25 Ti 15mm Bolts 11.6618.004.001 Vuka Stealth Bolts for Stem with Spacer T25 Ti 30mm Bolts ns 11.6618.004.002 Vuka Stealth Stem Clamp with T25 Ti 15mm Bolts 11.6618.004.003 Vuka Stealth Stem Length Spacer 3 11.6618.005.000 Vuka Stealth Threaded Cable Guide Oty2 11.6618.008.000 Vuka Stealth Extension Tower Bolt Kit 31mm/12mm 11.6618.008.002 Vuka Stealth Extension Tower (1 Side Only) 6 11.6618.009.000 Vuka Stealth Armrest Clamp Right with Bolts 20mm 11.6618.009.001 Vuka Stealth Armrest Clamp Left with Bolts 20mm 8 11.6618.009.002 Vuka Stealth Armrest Clamp Bolt Kit 20mm 9 11.6618.010.000 Vuka Stealth Computer Mount 1/4 Turn with T25 16mm Ti Bolts 11.6618.001.001 Vuka Alumina/Stealth/Aero Armrest Kit 11 11.6618.011.000 Vuka Stealth T25 2-sided Wrench ns



# ZIPP VUKA STEALTH / AERO RISER KIT AND BOLTS

## RISER -12/5/10/25/50MM

## **BOLT KIT 5/10/25/50MM**



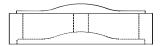


11.6618.015.000 Handlebar Extension Clamp Low Profile For Vuka Stealth or Vuka Aero

Bolts included in 11.6618.015.000

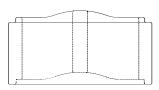


11.6618.016.000 Riser 5mm Kit Vuka Aero/Stealth (No Bolts) 11.6618.017.000 Vuka Aero 5mm Riser Bolt Kit 11.6618.018.000 Vuka Stealth 5mm Riser/ Vuka Aero No Riser Bolt Kit

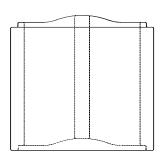


11.6618.016.001 Riser 10mm Kit Vuka Aero/Stealth (No Bolts)

11.6618.017.000 Vuka Aero 10mm Riser Bolt Kit 11.6618.007.000 Vuka Stealth 10mm Riser Bolt Kit 40mm



11.6618.016.002 Riser 25mm Kit Vuka Aero/Stealth (No Bolts) 11.6618.017.002 Vuka Aero 25mm Riser Bolt Kit 11.6618.007.001 Vuka Stealth 25mm Riser Bolt Kit 25mm



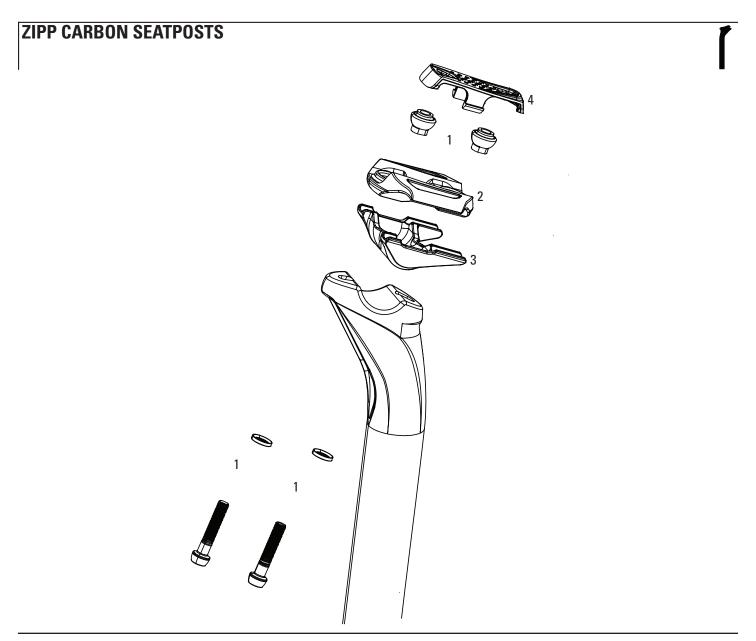
11.6618.016.003 Riser 50mm Kit Vuka Aero/Stealth (No Bolts) 

#### Notes:

Vuka Aero and Stealth bolt kits are NOT interchangable.

## Part Number Description

11.6618.015.000	Handlebar Extension Clamp Low Profile For Vuka Stealth or Vuka Aero
11.6618.016.000	Riser 5mm Kit Vuka Aero/Stealth (No Bolts)
11.6618.016.001	Riser 10mm Kit Vuka Aero/Stealth (No Bolts)
11.6618.016.002	Riser 25mm Kit Vuka Aero/Stealth (No Bolts)
11.6618.016.003	Riser 50mm Kit Vuka Aero/Stealth (No Bolts)
11.6618.017.000	Vuka Aero 5mm Riser Bolt Kit
11.6618.018.000	Vuka Stealth 5mm Riser/ Vuka Aero No Riser Bolt Kit
11.6618.017.001	Vuka Aero 10mm Riser Bolt Kit
11.6618.017.002	Vuka Aero 25mm Riser Bolt Kit
11.6618.017.003	Vuka Aero 50mm Riser Bolt Kit
11.6618.007.000	Vuka Stealth 10mm Riser Bolt Kit 40mm
11.6618.007.001	Vuka Stealth 25mm Riser Bolt Kit 25mm
11.6618.007.002	Vuka Stealth 50mm Riser Bolt Kit 50mm



#### No. Part Number Description

11.6818.009.000 Seatpost SL Speed Bolts, Nuts, Washers Kit 11.6818.010.000 Seatpost SL Speed Top Clamp

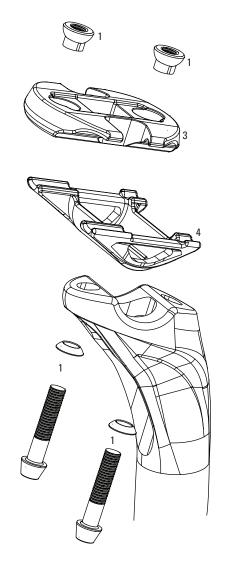
11.6818.011.000 Seatpost SL Speed Bottom Clamp 3

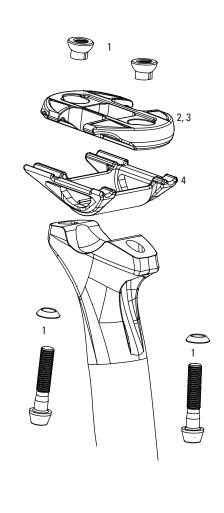
11.6818.012.000 SP SL Speed Top Cap White 11.6818.012.001 SP SL Speed Top Cap Red 4

4



# **ZIPP ALUMINUM SEATPOSTS**



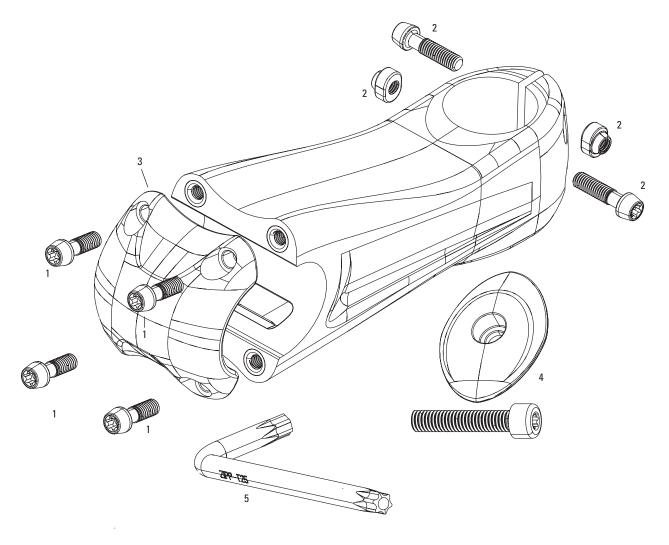


## No. Part Number Description

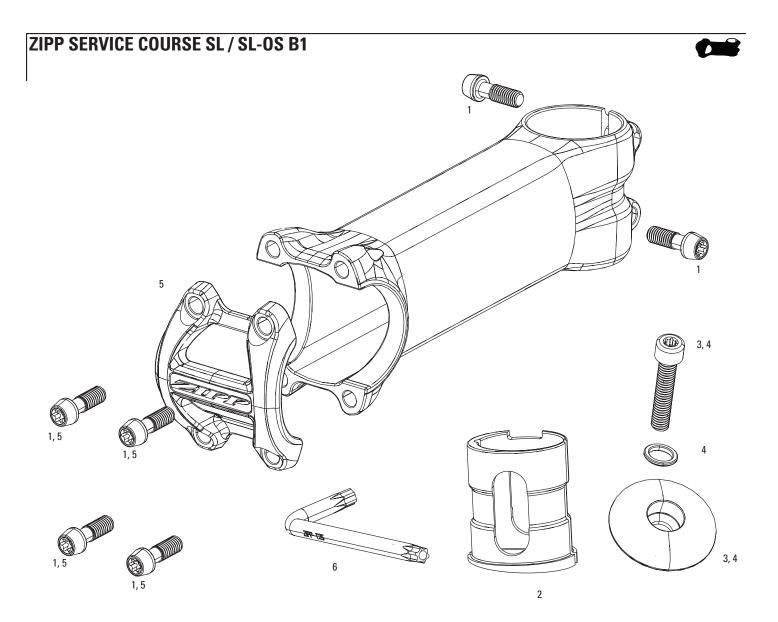
1	11.6818.029.000	Seat Post Service Course 20mm Offset Bolt Kit Steel Blast Silver B1
1	11.6818.028.000	Seat Post Service Course 0 Offset Bolt Kit Ti Beyond Black B1
1	11.6815.034.001	Seatpost Service Course SL Bolt Kit Ti Beyond Black A1/B1
1	11.6815.035.000	Seatpost Service Course Bolt Kit Blast Steel Silver A1
2	11.6815.036.001	Seatpost Service Course SL Top Clamp Zero Offset Shiny Black A1/B1
3	11.6815.037.000	Seatpost Service Course Top Clamp Blast Black A1
3	11.6815.037.001	Seatpost Service Course Top Clamp Zero Offset Blast Black B1
4	11.6815.038.000	Seatpost Service Course SL Bottom Clamp Shiny Black A1/B1
4	11.6815.039.000	Seatpost Service Course Bottom Clamp Blast Black

# **ZIPP CARBON STEMS**





Part Number	Description
11.6518.003.000	Stem SL Sprint Bolt Kit Faceplate
11.6518.004.000	Stem SL Sprint Bolt Kit Steerer clamp
11.6518.005.000	Stem SL Sprint Faceplate
11.6518.006.000	Stem SL Sprint Top Cap and Bolt
11.6618.011.000	Vuka Stealth T25 2-sided Wrench
	11.6518.003.000 11.6518.004.000 11.6518.005.000 11.6518.006.000

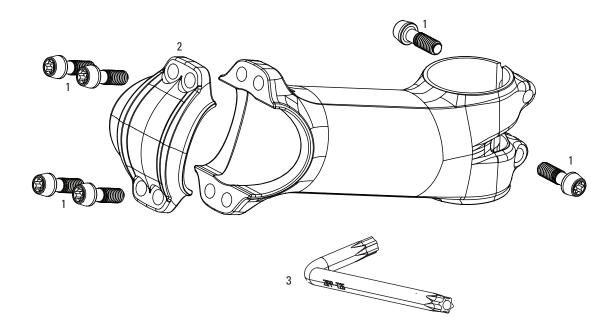


No.	Part Number	Description
1	11.6518.007.000	Stem Service Course Bolt Kit Steel Black B1
2	11.6518.008.000	Stem Spacer Set Service Course SL-OS
3	11.6518.010.000	Stem Top Cap and Alloy Bolt Service Course SL Polished Black
3	11.6518.010.001	Stem Top Cap and Alloy Bolt Service Course SL Beyond Black
4	11.6518.009.000	Stem Top Cap and Alloy Bolt Service Course SL.OS Polished Black
5	11.6518.011.000	Stem Faceplate Service Course B1
5	11.6518.012.000	Stem Faceplate Service Course SL B1/Service Course SI.OS Polished Black
5	11.6518.012.001	Stem Faceplate Service Course SL B1/Service Course Sl.OS Beyond Black
6	11.6618.011.000	Vuka Stealth T25 2-sided Wrench



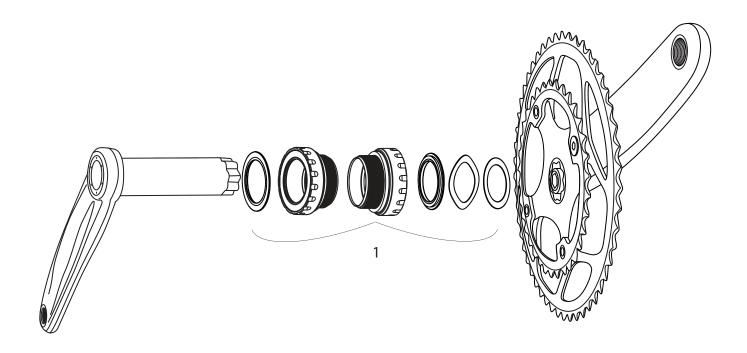






No.	Part Number	Description
1	11.6515.005.001	Stem Service Course SL Bolt Kit Ti Beyond Black
1	11.6515.006.000	Stem Service Course Bolt Kit Steel Silver
2	11.6515.007.000	Stem Service Course SL Face Plate/Seatpostacer Shiny Black
2	11.6515.008.000	Stem Service Course Face Plate Black
3	11.6618.011.000	Vuka Stealth T25 2-sided Wrench





No.	Part Number	Description
1	11.6400.020.000	Vuma Quad Bottom Bracket - 68mm - Standard Bearings
1	11.6400.021.000	Vuma Quad Bottom Bracket - 68mm - Ceramic Bearings
1	11.6400.022.000	Vuma Quad Bottom Bracket - 70mm - Standard Bearings
1	11.6400.023.000	Vuma Quad Bottom Bracket - 70mm - Ceramic Bearings
ns	11.6400.027.000	VUMA BB30 Ceramic Spacer Kit
ns	14.6100.001.000	Zipp Bottom Bracket Wrench





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