





### **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.

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Rev A, Released July 2014

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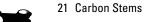
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# ZIPP®-BARS/STEM/SEATPOST

23 VukaAero™ 22.0mm



# NOTES



## ZIPP HUB AND FREE HUB IDENTIFICATION

### 2014 Zipp V9 88/188 Hubs

Starting in September 2013 all Firecrest Carbon Clincher and Tubular rim-brake wheelsets, as well as the 202 Tubular wheelset, will be built with the latest iteration of our 188 rear hub, the V9, and a more effective spoke-lacing pattern. The refinements result in improved torsional and lateral stiffness as well as improve durability.

### Details of the 188/V9 hub:

•Bearings: Larger Swiss steel bearings with a custom cartridge increase durability by more evenly spreading load over the axle. •Lacing: New "virtual 3 cross" lacing on both sides of rear wheel for improved stiffness, achieving 3 cross stiffness in a two cross pattern with a new spoke geometry.

•Stiffness: The 188/V9 has 25 percent more torsional stiffness than a leading competitive hub. This measure of stiffness is crucial for the direct power transfer to the rear wheel for out-of-the saddle sprints and climbs. The new hub also is laterally (side-to-side) stiffer than its rival or predecessor.

### 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)
- 3. Non-drive side rear end cap is reduced by 1mm, 'O' ring removed and colored black
- 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 ano treatment replaces original gray V6 axle. Note the revised axle uses the black end cap and not the red or blue.

### 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 unchanged.

### 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.

### 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.

### 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.



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### ZIPP HUB AND FREE HUB IDENTIFICATION

### Free hubs Zipp 188 hubs 2009 - Present

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 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.

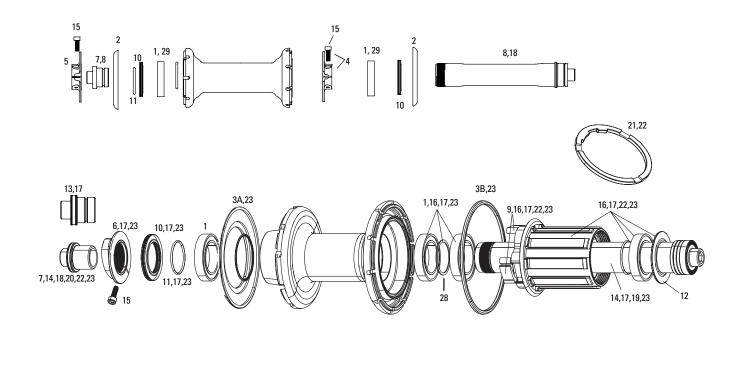
Free hub bodies: 'USA' have blue bearings seals, 'Swiss' has black bearing seals - not inter-changeable.

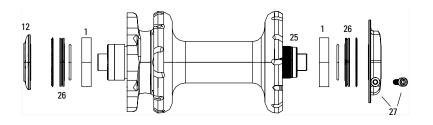
### Free Hubs 282 models

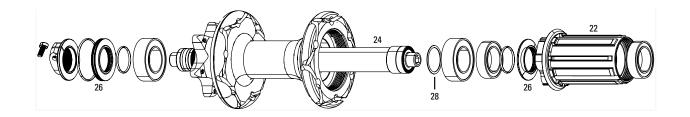
Champagne color with a solid back ring between the splines and the pawl carrier.



## ZIPP HUBS - 88/188 (2009-Present)







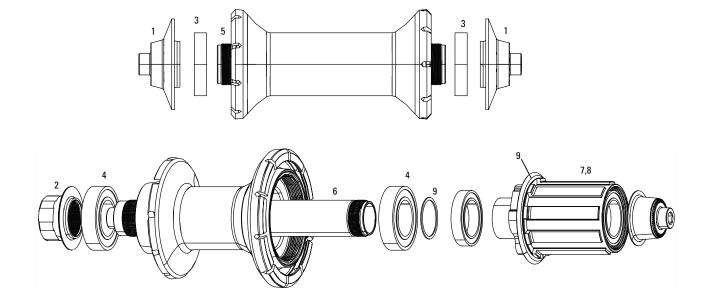


## ZIPP HUBS - 88/188 (2009-Present)

1	11.1915.028.000	Hub Bearings Front or Rear Zipp 88/188 Pair
2	11.2018.001.000	Reinforce Ring Radial Side Black Front 88v7
2	11.1915.030.000	Reinforced Ring Radial Front Zipp 88 Smoke
3A	11.1915.042.000	Reinforced Ring Non-Drive Smoke Zipp 188 Smoke
3A	11.2018.001.001	Reinforce Ring Nondrive Side Black Rear 188v7
3B		Reinforced Ring Radial Smoke Zipp 188 Smoke
3B		Reinforce Ring Radial Side Black Rear 188v7
4		Clinch Nut Non-Threaded Silver Front Zipp 88 with Screw
4		Clinch Nut and Screw Non-Threaded Black Front 88v7
5		Clinch Nut Threaded Silver Front Zipp 88 with Screw
5		Clinch Nut and Screw Threaded Black Front 88v7
6		Clinch Nut Threaded Silver Rear Zipp 188 with Screw
6		Clinch Nut and Screw Threaded Black Rear 188v7
7		Axle End Cap Front Zipp 88 Hub
8		Front Axle with End Cap Zipp 88 Hub
9		Spring and Pawl Set for Zipp 188 Rear Hub Qty 4
10		Bearing Shield Front or Rear Zipp 88/188
11		O-Ring Bearing Shield Front or Rear Zipp 88/188 Hub Qty 5
12		Dust Cap Shield Freehub Zipp 188 Campagnolo
12		Dust Cap Shield Freehub Zipp 188 SRAM/Shimano
13		Axle End Cap Rear Zipp 188 SRAM/Shimano
13		Axle End Cap Rear Zipp 188 Campagnolo
14		Zipp Axle for 188 Silver Rear Hub Black 13mm inner diameterwith Black End Cap (V6)
15		Clinch Nut Set Screw Zipp 88/188 M25x8
16		Freehub Conversion Kit 188 Shimano
16		Freehub Conversion Kit 188 Campy
16		Freehub Conversion Kit 188 Shimano Ceramic
17		Road Conversion Kit Disc 188 (Super 9) Axle & Shimano FH
17		Road Conversion Kit Disc 188 (Super 9) Axle & Campy FH
18		Front Axle with End Cap Zipp Black 88 Hub
19		Zipp Axle for 188 Black Rear Hub Black 14mm inner diameter,no End Cap (V7)
19		Zipp Axle for 188 11 speed Rear Hub Black 13mm inner diameter with Black End Cap (V8)
20		Axle End Cap Rear Zipp 188 11 speed SRAM for 13mm inner diameter axle
20		Cassette Spacer 10 speed 188 SRAM Freehub 11 speed
21		Freehub Kit 188 11 speed SRAM
22		Freehub Kit 188 11 speed Campagnolo
22		Conversion Kit 10 Speed to 11 Speed 188 SRAM
		O-Ring End Cap Front or Rear Zipp 88/188 Qty 5
ns		Track Axle Conversion Kit Disc 188 (Super 9)
ns		
ns 24		Conversion Kit Disc 11 Speed to Track 188 Black
24		Axle Rear Zipp 188 Disc Brake W/End Cap
25		Axle Front Zipp 88 Disc Brake W/End Cap
26		Bearing Shield Front or Rear Zipp 88/188 Disc Brake
27	11.2018.016.000	Clinch Nut and Screw Threaded Black Front 88 Disc Brake

- 28
- 11.1915.038.000 Freehub Body Spacer Zipp 188 Rear Qty 2 11.1918.183.000 ZIPP CeramicSpeed Bearing Kit 61803 ZIPP 30/60 88 Front Hub Shell, (bearings and one grease syringe) 29

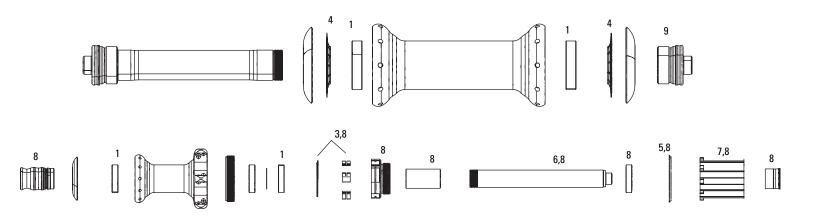




#### Part Number Description No.

- 11.1918.020.000 End Cap Front 30/60 Black 1
- 11.1918.020.001 End Cap Assembly Non Drive Rear 30/60 Black 2
- 11.1918.021.000 Bearing Kit Front 30/60 61803 Qty2 11.1918.021.001 Bearing Kit Rear 30/60 61903 Qty2 3
- 4
- 11.1918.183.000 ZIPP CeramicSpeed Bearing Kit 61803 ZIPP 30/60 88 Front Hub Shell, (bearings and one grease syringe) 3
- 11.1918.183.001 ZIPP CeramicSpeed Bearing Kit 61903 ZIPP 30/60 Rear Hub Shell 11.1918.022.000 Axle With End Cap Front 30/60 Black 4
- 5
- 6 11.1918.022.001 Axle With End Cap Rear 30/60 Black
- 11.1918.024.000 Freehub Body SRAM 30/60 7
- 8 11.1918.024.001 Freehub Body Campagnolo 30/60
- 11.1918.025.000 Freehub Body Seal and Spacer 30/60 9

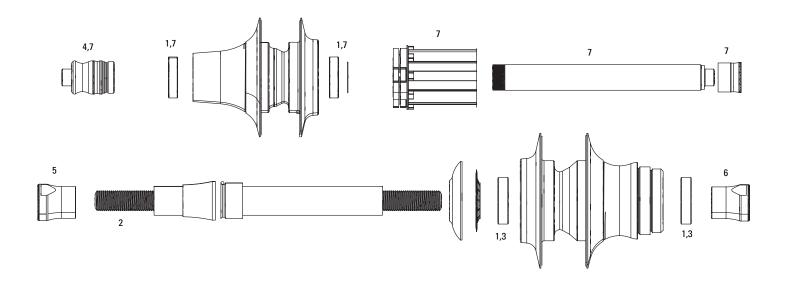




1	11.1915.049.000	Hub Bearings Front or Rear Zipp 82/182 Pair
1	11.1915.049.010	Hub Bearings Front or Rear Zipp 82/182 Pair Ceramic
ns	11.1915.051.000	Spacer Front 2006 Zipp 82 Hub
3	11.1915.052.000	Spring and Pawl Set for Zipp 182 Rear Hub Qty 5
4	11.1915.053.000	Retaining Ring for Carbon Cap Zipp 82/182 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 DISCS/TRACK



1	11.1915.064.000	Hub Bearings Front or Rear Pair Zipp Super 9	
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- 1 11.1915.064.010 Hub Bearings Front or Rear Pair Zipp Super 9 Ceramic
- ns 00.1918.183.002 ZIPP CeramicSpeed Bearing Kit 61803 x1 , 61903 x1 ZIPP Sub-9/Super-9 Hub Shell
- 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
- 2 11.1915.072.000 Zipp Disc Track Axle Threaded Stud
- ns 11.1915.073.000 Zipp Disc Track Drive Spacer
- 3 11.1915.074.000 Zipp Disc Bearing R6 Pair
- 3 11.1915.074.010 Zipp Disc Bearing R8 Wheelchair Hub Pair
- 4 11.1915.076.000 Zipp Disc Hub End Cap Non Drive 2006
- 5,6 11.1915.070.000 Zipp Disc Track Locknut and Spacer Black
- ns 11.1915.075.000 Zipp Disc Hub Wave Spring ns 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)
- ns 11.2015.034.000 High Flange Track Zipp Hub Axle Kit Front
- ns 11.2018.019.000 INNER WASHER KNURL ZIPP TRACK 188V8 PAIR
- ns 11.2018.020.000 OUTER WASHER KNURL ZIPP TRACK 188V8
- ns 11.2018.021.000 HEX BOLT/OUTER WASHR ZIPP TRACK DISC 188
- ns 11.2018.022.000 AXLE WASHER/ORING DISC 188 10S TO TRACK
- ns 11.2018.023.000 LOCKRING TRACK SILVER
- ns 11.2018.023.001 LOCKRING TRACK BLACK
- ns 11.2018.018.000 HEX BOLT ZIPP TRACK DISC 188 ns 11.2015.034.010 High Flange Track Zipp Hub Axle Kit Rear
- ns 11.2100.012.000 Rear Track Caps and Screws (Rear Wheel and Disc)
- 7 11.2100.029.000 2006 182 SRAM Conversion Kit
- 7 11.2100.031.000 2006 182 Campagnolo Conversion Kit
- ns 11.2018.024.000 HUB BEARINGS REAR PAIR 188 V9
- ns 11.2018.025.000 CLINCH NUT REAR 188 V9
- ns 11.2100.030.000 '04 202 CAMPY CONVERSION KIT



### ZIPP SPOKES - NIPPLES - WASHERS

#### Part Number Description

11.1915.023.000 Spokes & Nipples 3-pack 220mm CX-Ray Straight-Pull ExternalSilver 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 ExternalSilver 11.1915.023.040 Spokes & Nipples & Washers 3-pack 210mm CX-Ray Straight-PullExternal Silver 11.1915.023.050 Spokes & Nipples 3-pack 218mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.060 Spokes & Nipples & Washers 3-pack 222mm CX-Ray Straight-PullExternal Silver 11.1915.023.070 Spokes & Nipples & Washers 3-pack 224mm CX-Ray Straight-PullExternal Silver 11.1915.023.080 Spokes & Nipples 3-pack 226mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.090 Spokes & Nipples & Washers 3-pack 232mm CX-Ray Straight-PullExternal Silver 11.1915.023.110 Spokes & Nipples 3-pack 236mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.120 Spokes & Nipples 3-pack 238mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.130 Spokes & Nipples 3-pack 240mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.140 Spokes & Nipples 3-pack 242mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.150 Spokes & Nipples & Washers 3-pack 244mm CX-Ray Straight-PullExternal Silver 11.1915.023.160 Spokes & Nipples & Washers 3-pack 246mm CX-Ray Straight-PullExternal Silver 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 ExternalSilver 11.1915.023.200 Spokes & Nipples & Washers 3-pack 258mm CX-Ray Straight-PullExternal Silver 11.1915.023.210 Spokes & Nipples 3-pack 260mm CX-Ray Straight-Pull ExternalSilver 11.1915.023.220 Spokes & Nipples & Washers 3-pack 262mm CX-Ray Straight-PullExternal Silver 11.1915.023.230 Spokes & Nipples 3-pack 266mm CX-Ray Straight-Pull ExternalSilver 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 ExternalSilver 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 ExternalSilver 11.1915.023.290 Spokes & Nipples 3-pack 278mm CX-Ray Straight-Pull ExternalSilver 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 ExternalSilver 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 11.1915.024.090 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 11.1915.024.270 Spokes & Nipples 3-pack 204mm CX-Ray J-Bend External Silver 11.1915.024.280 Spokes & Nipples 3-pack 238mm CX-Ray J-Bend External Silver 11.1915.024.290 Spokes & Nipples 3-pack 202mm CX-Ray J-Bend External Silver



### ZIPP SPOKES - NIPPLES - WASHERS continued

#### Part Number Description

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 11.1915.080.030 Spokes & Nipples & Titanium Washers 3-pack 234mm 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 11.1915.080.060 Spokes & Nipples & Titanium Washers 3-pack 248mm 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 11.1915.080.100 Spokes & Nipples & Titanium Washers 3-pack 272mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 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 11.1915.080.140 Spokes & Nipples & Titanium Washers 3-pack 210mm 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 11.1915.080.160 Spokes & Nipples & Titanium Washers 3-pack 232mm 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 11.1915.080.180 Spokes & Nipples & Titanium Washers 3-pack 250mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.080.190 Spokes & Nipples & Titanium Washers 3-pack 274mm 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 11.1915.080.300 Spokes & Nipples & Titanium Washers 3-pack 252mm 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 11.1915.080.320 Spokes & Nipples & Titanium Washers 3-pack 278mm 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 11.1915.080.230 Spokes & Nipples & Titanium Washers 3-pack 220mm 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 11.1915.080.250 Spokes & Nipples & Titanium Washers 3-pack 264mm CX-Ray Straight-Pull Hexagonal Secure Lock Black Oxide 11.1915.026.000 External Locking Nipples 20-pack for 101 Wheels 2.0 x 14 11.1915.026.010 External Nipples Silver 50-pack for all Zipp Wheels Except 101 2.0 x 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 Black 50-pack for all Zipp Wheels Except 101 2.0 x 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

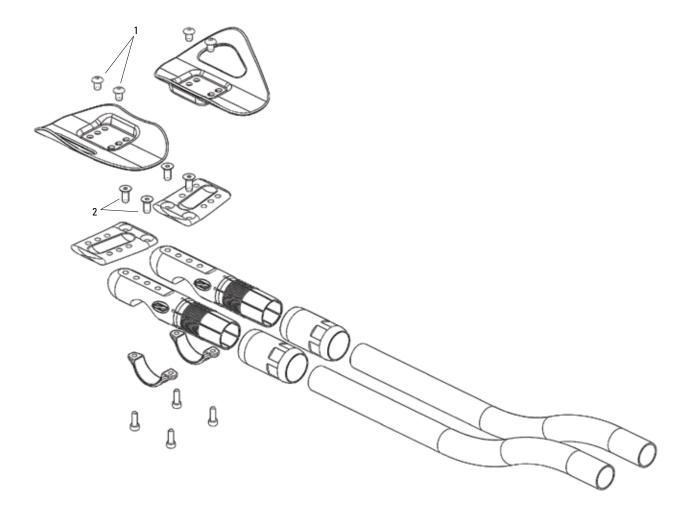
11.1915.026.080 Spoke Retention Plugs For 303 Disc Brake Hub 15 Pieces 11.1915.077.000 Zipp T-Handle with 55mm and 150mm Nipple Drivers





11.1915.025.000	Valve Cover Patches Z-logo 5 pieces
11.1918.015.000	Decal Set 202 Matte Black/No Border Zipp Logo Complete for One Wheel
11.1918.015.001	Decal Set 303 Matte Black/No Border Zipp Logo Complete for One Wheel
11.1918.015.002	Decal Set 404 Matte Black/No Border Zipp Logo Complete for One Wheel
11.1918.015.003	Decal Set 808 Matte Black/No Border Zipp Logo Complete for One Wheel or Disc
11.1918.015.004	Decal Set 404 650 Matte Black/No Border Zipp Logo Complete for One Wheel
11.1918.030.000	Decal Set 202 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.030.001	Decal Set 303 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.030.002	Decal Set 404 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.030.003	Decal Set 808 Matte White/No Border Zipp Logo Complete for One Wheel or Disc
11.1918.030.004	Decal Set 404 650 Matte White/No Border Zipp Logo Complete for One Wheel
11.1918.035.000	Decal Set 202 Matte Blue/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
11.1918.035.002	Decal Set 404 Matte Blue/No Border Zipp Logo Complete for One Wheel
11.1918.035.003	Decal Set Disc/808 Matte Blue/No Border Zipp Logo Complete for One Wheel
11.1918.035.004	Decal Set 404 650 Matte Blue/No Border Zipp Logo Complete for One Wheel Or Disc
11.1918.036.000	Decal Set 202 Matte Red/No Border Zipp Logo Complete for OneWheel
11.1918.036.001	Decal Set 303 Matte Red/No Border Zipp Logo Complete for OneWheel
11.1918.036.002	Decal Set 404 Matte Red/No Border Zipp Logo Complete for OneWheel
11.1918.036.003	Decal Set Disc/808 Matte Red/No Border Zipp Logo Complete for One Wheel
11.1918.036.004	Decal Set 404 650 Matte Red/No Border Zipp Logo Complete forOne Wheel Or Disc
11.1918.037.000	Decal Set 202 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.037.001	Decal Set 303 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.037.002	Decal Set 404 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.037.003	Decal Set Disc/808 Matte Pink/No Border Zipp Logo Complete for One Wheel
11.1918.037.004	Decal Set 404 650 Matte Pink/No Border Zipp Logo Complete for One Wheel Or Disc
11.1918.038.000	Decal Set 202 Matte Green/No Border Zipp Logo Complete for One Wheel
11.1918.038.001	Decal Set 303 Matte Green/No Border Zipp Logo Complete for One Wheel
11.1918.038.002	Decal Set 404 Matte Green/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
11.1918.038.004	Decal Set 404 650 Matte Green/No Border Zipp Logo Complete for One Wheel Or Disc

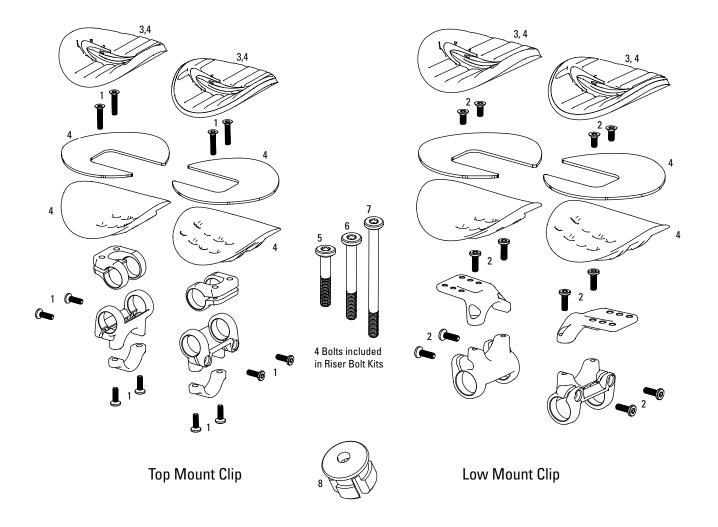




- 11.6615.002.010 Zipp Vuka Aero Collet ns
- 11.6615.003.020 Zipp Vuka Clip Pad Wing Screw Kit 1
- 11.6615.003.010 Zipp Vuka Clip wing Screw Kit 2
- 11.6615.006.020 Zipp Aerobar Brake Lever with Spring ns
- 11.6615.007.000 Zipp Vuka Clip Shim 31.8 to 26.0 ns
- 11.6615.008.000 Zipp Aerobar Cable Guide Stop ns
- ns
- 11.6615.009.000 Zipp Handlebar Extension Plugs 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
- ns 11.6600.024.010 Vuka Shift 4mm Ferrules Qty 2
- 11.6600.025.010 Vuka Shift 5mm Ferrules Oty 2 ns



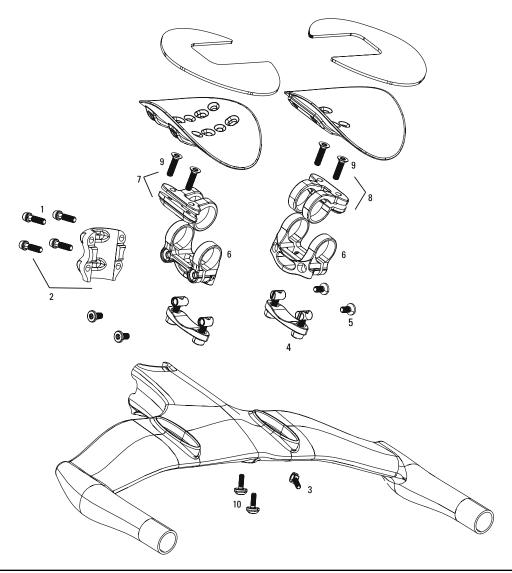
### ZIPP VUKA ALUMINA 22.2mm



- 1
- 11.6618.000.000 Vuka Alumina Clip Bolt Kit Top Mount 1 Side 11.6618.000.001 Vuka Alumina Clip Bolt Kit Low Mount 1 Side 2
- 11.6618.001.000 Vuka Alumina Clip Armrest Pad Kit 11.6618.001.001 Vuka Alumina Armrest Kit 3
- 4
- 5 11.6618.002.000 Vuka Alumina Riser Bolt Kit for 10mm
- 6 11.6618.002.001 Vuka Alumina Riser Bolt Kit for 25mm
- 11.6618.002.002 Vuka Alumina Riser Bolt Kit for 50mm 7
- 11.6618.003.000 Vuka Alumina/Carbon Extensions End Plugs 8
- 11.6618.012.000 Zipp Carbon Assembly Paste 5ml ns



### ZIPP VUKA STEALTH

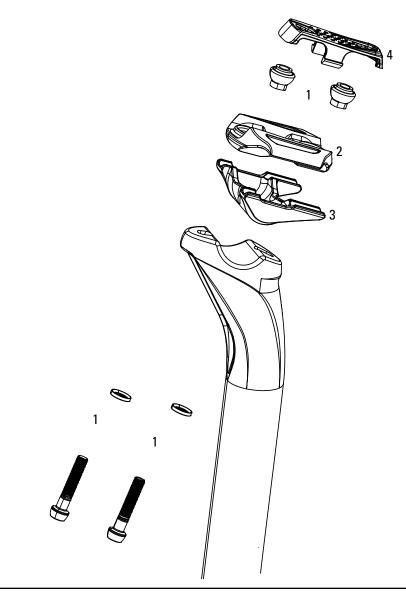


#### No. Part Number Description

11.6618.004.000 Vuka Stealth Bolts for Stem with No Spacer T25 Ti 15mm Bolts 1 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 2 11.6618.004.003 Vuka Stealth Stem Length Spacer ns 11.6618.005.000 Vuka Stealth Threaded Cable Guide Qty2 3 11.6618.006.000 Vuka Stealth 10mm Risers with 40mm Bolts ns 11.6618.006.001 Vuka Stealth 25mm Risers with 25mm Bolts ns 11.6618.006.002 Vuka Stealth 50mm Risers with 50mm Bolts ns 11.6618.007.000 Vuka Stealth 10mm Riser Bolt Kit 40mm ns 11.6618.007.001 Vuka Stealth 25mm Riser Bolt Kit 25mm ns 11.6618.007.002 Vuka Stealth 50mm Riser Bolt Kit 50mm ns 11.6618.008.000 Vuka Stealth Extension Tower Bolt Kit 31mm/12mm 4 5 11.6618.008.001 Vuka Stealth Extension Clamp Bolt Kit 10mm 11.6618.008.002 Vuka Stealth Extension Tower (1 Side Only) 6 11.6618.009.000 Vuka Stealth Armrest Clamp Right with Bolts 20mm 7 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 ns 11.6618.010.001 Vuka Stealth Computer Mount T25 16mm Ti Bolts Qty3 10 11.6618.011.000 Vuka Stealth T25 2-sided Wrench ns 11.6618.012.000 Zipp Carbon Assembly Paste 5ml ns



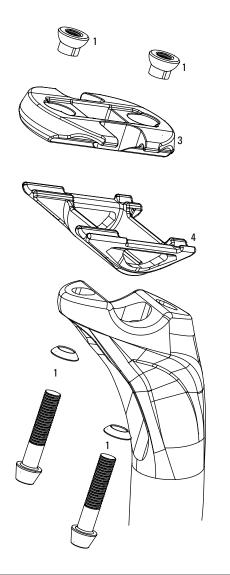
## **ZIPP CARBON SEATPOSTS**

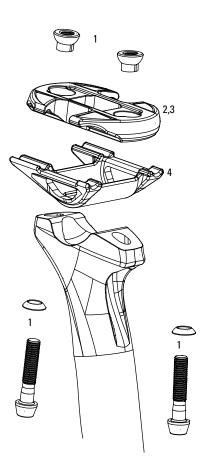


- 11.6818.009.000 Seatpost SL Speed Bolts, Nuts, Washers Kit 1
- 2 11.6818.010.000 Seatpost SL Speed Top Clamp
- 11.6818.011.000 Seatpost SL Speed Bottom Clamp 3
- 11.6818.012.000 SP SL Speed Top Cap White 11.6818.012.001 SP SL Speed Top Cap Red 4
- 4



### ZIPP ALUMINUM SEATPOSTS

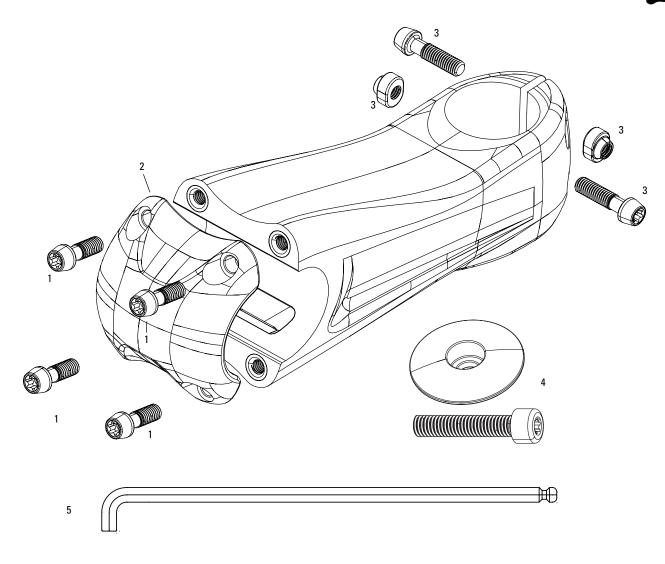




- 1 11.6815.034.000 Seatpost Service Course SL Bolt Kit Ti
- 1 11.6815.034.001 Seatpost Service Course SL Bolt Kit Ti Beyond Black
- 1 11.6815.035.000 Seatpost Service Course Bolt Kit Blast Steel Silver
- 2 11.6815.036.001 Seatpost Service Course SL Top Clamp Zero Offset Shiny Black
- 3 11.6815.037.000 Seatpost Service Course Top Clamp Blast Black
- 3 11.6815.037.001 Seatpost Service Course Top Clamp Zero Offset Blast Black
- 4 11.6815.038.000 Seatpost Service Course SL Bottom Clamp Shiny Black
- 4 11.6815.039.000 Seatpost Service Course Bottom Clamp Blast Black

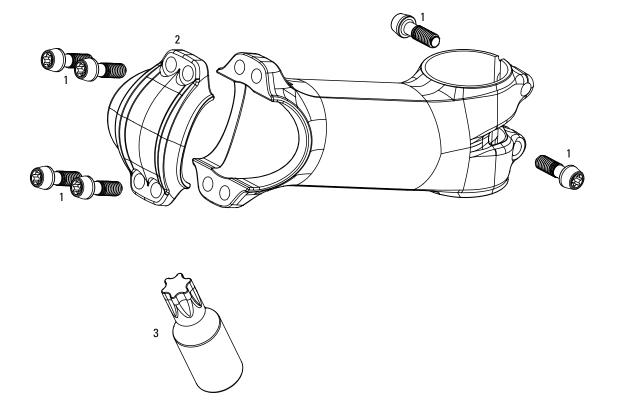


## **ZIPP CARBON STEMS**



- 1 11.6518.003.000 Stem SL Sprint Bolt Kit Faceplate
- 2 11.6518.005.000 Stem SL Sprint Faceplate
- 3 11.6518.004.000 Stem SL Sprint Bolt Kit Steerer clamp
- 4 11.6518.006.000 Stem SL Sprint Top Cap and Bolt
- ns 11.6515.009.000 Stem Speed SL Bolt Kit Ti
- ns 11.6515.010.000 Stem Speed SL Face Plate Black
- 5 11.6518.001.000 Stem SL Speed 4mm Small Bend Wrench
- ns 11.6518.002.000 Zipp Aluminum Top Cap with T25 Bolt

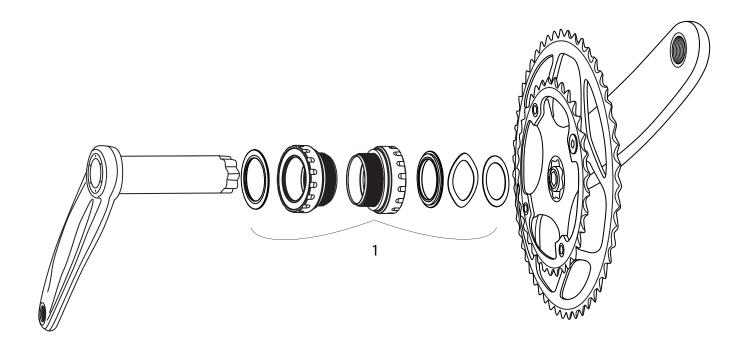




- 1 11.6515.005.000 Stem Service Course SL Bolt Kit Ti Silver
- 1 11.6515.005.001 Stem Service Course SL Bolt Kit Ti Beyond Black
- 1 11.6515.006.000 Stem Service Course Bolt Kit Steel Silver
- 2 11.6515.007.000 Stem Service Course SL Face Plate/Seatpostacer Shiny Black
- 2 11.6515.008.000 Stem Service Course Face Plate Black
- 3 11.6518.000.000 Zipp T25 Torx Tool, 4mm Socket



## ZIPP VUMA CRANKS/BOTTOM BRACKETS



- 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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