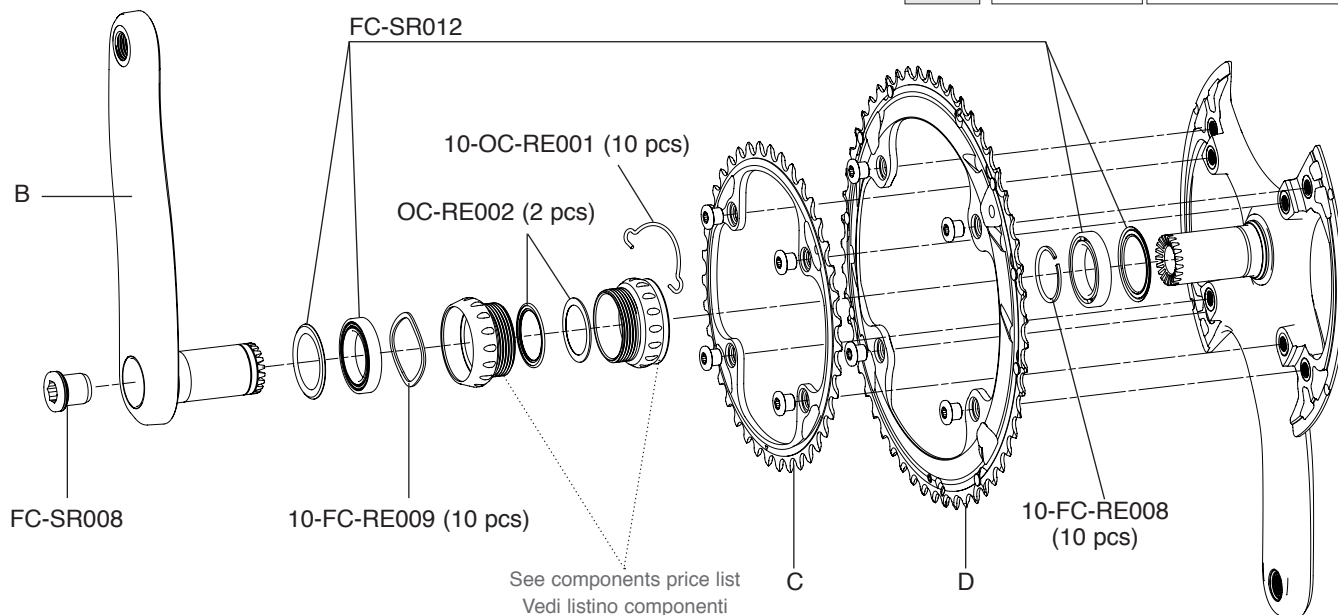


# SUPER RECORD 12S

CARBON - ULTRA-TORQUE

**FC-SR300  
KIT VITI / SCREWS&NUTS**

<b>B</b>	165 mm 170 mm 172,5 mm 175 mm	<b>FC-SR165</b> <b>FC-SR170</b> <b>FC-SR172</b> <b>FC-SR175</b>
<b>C</b>	<b>Z34</b> <b>Z36</b> <b>Z39</b>	<b>FC-SR334</b> <b>FC-SR336</b> <b>FC-SR339</b>
<b>D</b>	<b>Z50 for 34</b> <b>Z52 for 36</b> <b>Z53 for 39</b>	<b>FC-SR450</b> <b>FC-SR452</b> <b>FC-SR453</b>

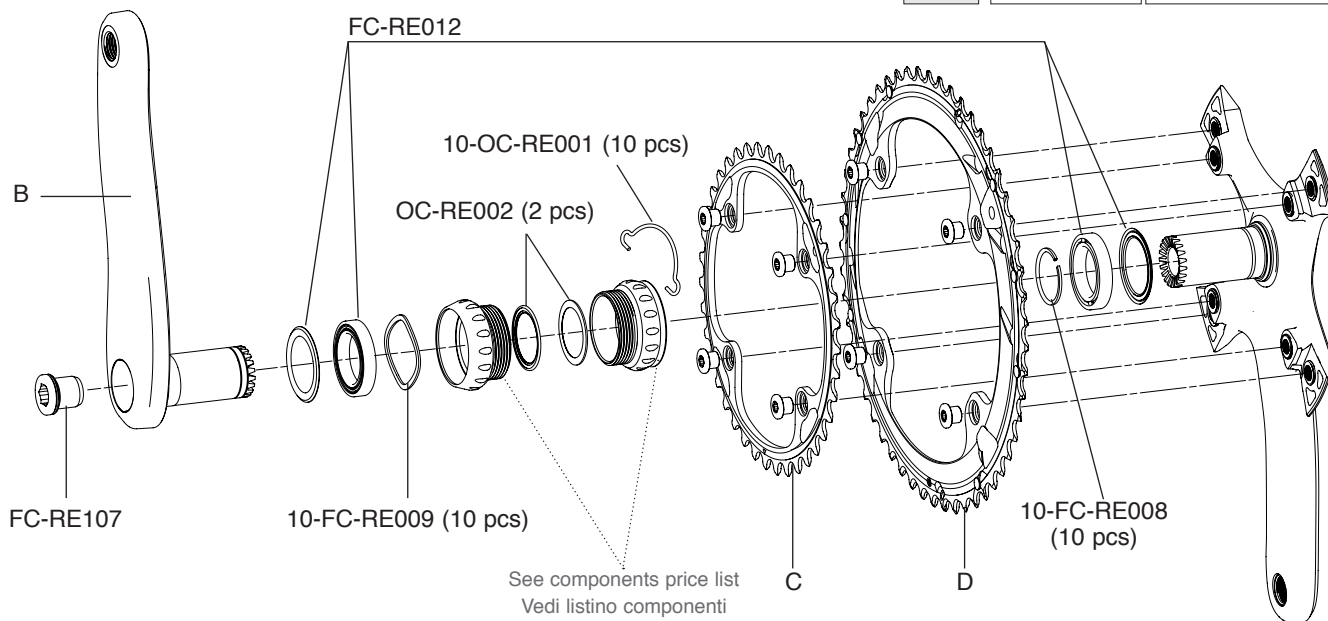


# RECORD 12S

CARBON - ULTRA-TORQUE

**FC-SR300**  
KIT VITI / SCREWS&NUTS

<b>B</b>	165 mm 170 mm 172,5 mm 175 mm	<b>FC-RE16512</b> <b>FC-RE17012</b> <b>FC-RE17212</b> <b>FC-RE175</b>
<b>C</b>	Z34 Z36 Z39	<b>FC-SR334</b> <b>FC-SR336</b> <b>FC-SR339</b>
<b>D</b>	Z50 for 34 Z52 for 36 Z53 for 39	<b>FC-RE950</b> <b>FC-RE952</b> <b>FC-RE953</b>



**FC-CH1200  
KIT VITI / SCREWS&NUTS**

**B**

165 mm  
170 mm  
172,5 mm  
175 mm

**FC-CH1201**  
**FC-CH1202**  
**FC-CH1203**  
**FC-CH1204**

**C**

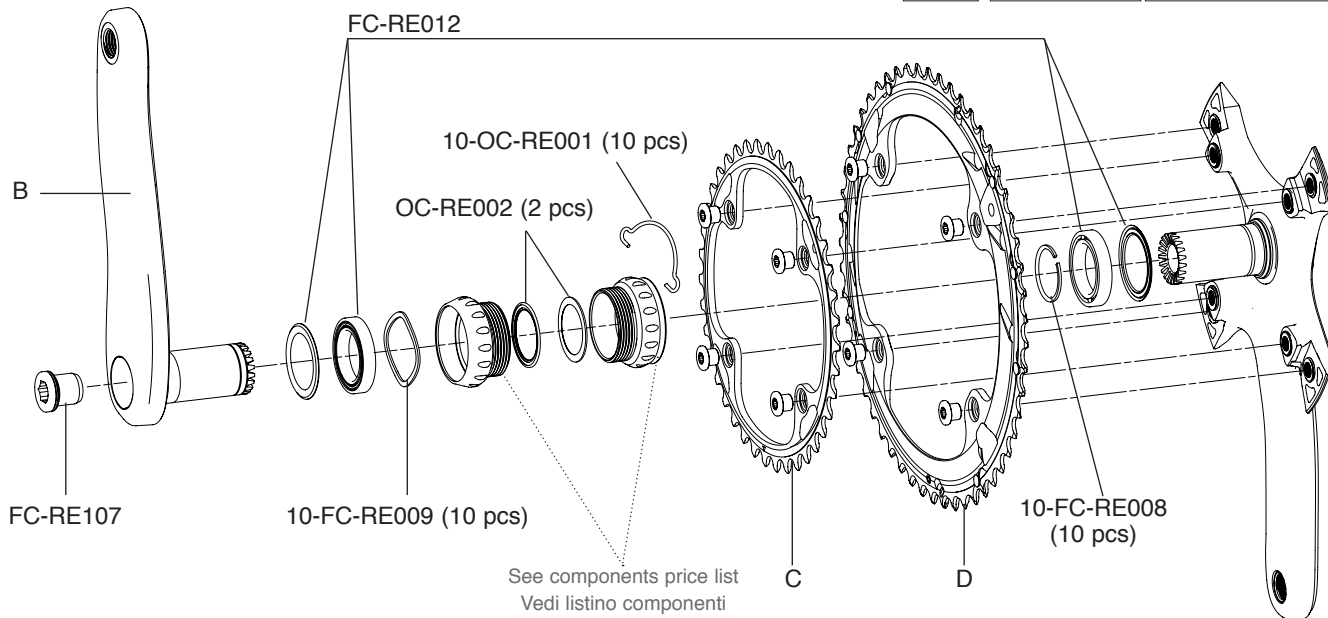
Z32 for 48  
Z34 for 50  
Z36 for 52

**FC-CH1232**  
**FC-CH1234**  
**FC-CH1236**

**D**

Z48 for 32  
Z50 for 34  
Z52 for 36

**FC-CH1248**  
**FC-CH1250**  
**FC-CH1252**

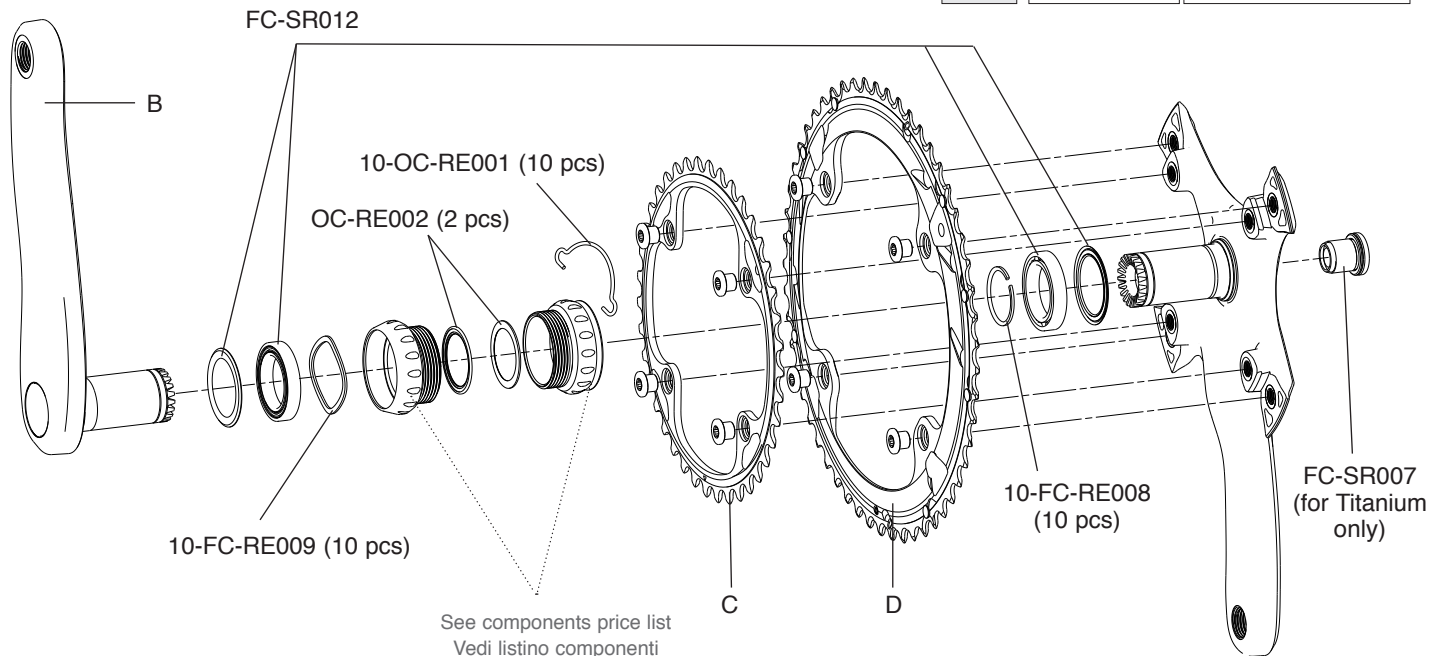


# SUPER RECORD 11S

CARBON - ULTRA-TORQUE

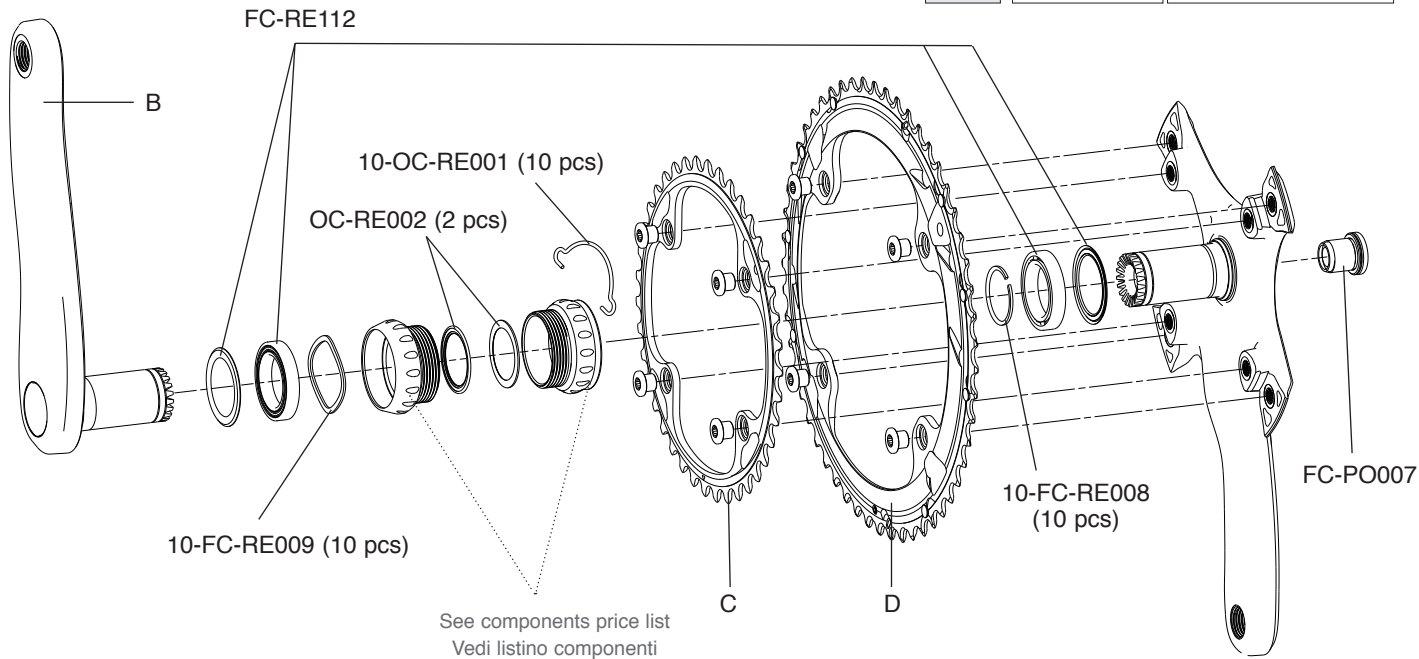
FC-SR300  
KIT VITI / SCREWS&NUTS

<b>B</b>	170 mm 172,5 mm 175 mm	FC-SR081 FC-SR083 FC-SR085
<b>C</b>	Z34 Z36 Z39	FC-SR234 FC-SR136 FC-SR239
<b>D</b>	Z50 for 34 Z52 for 36 Z53 for 39	FC-SR350 FC-SR352 FC-SR353



**FC-SR300  
KIT VITI / SCREWS&NUTS**

<b>B</b>	170 mm 172,5 mm 175 mm	FC-RE087 FC-RE089 FC-RE091
<b>C</b>	Z34 Z36 Z39	FC-SR234 FC-SR136 FC-SR239
<b>D</b>	Z50 for 34 Z52 for 36 Z53 for 39	FC-SR350 FC-SR352 FC-SR353

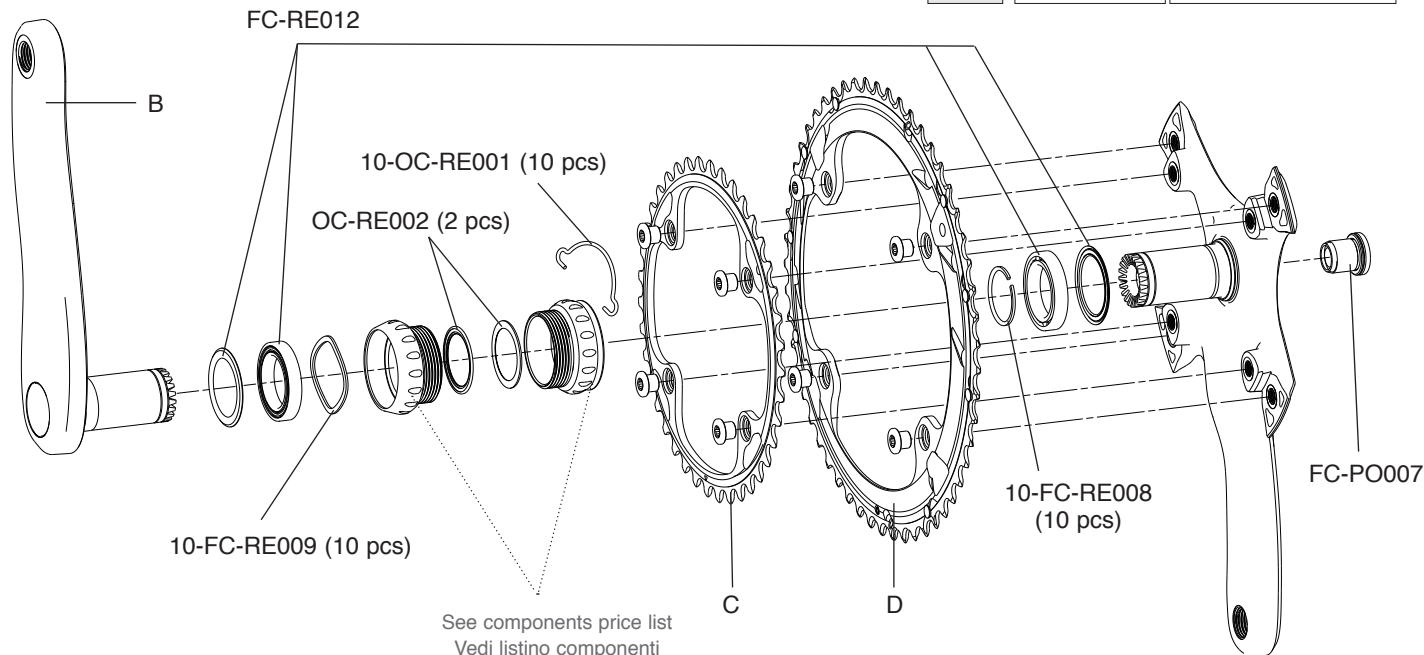


# CHORUS 11S

CARBON - ULTRA-TORQUE

**FC-SR300  
KIT VITI / SCREWS&NUTS**

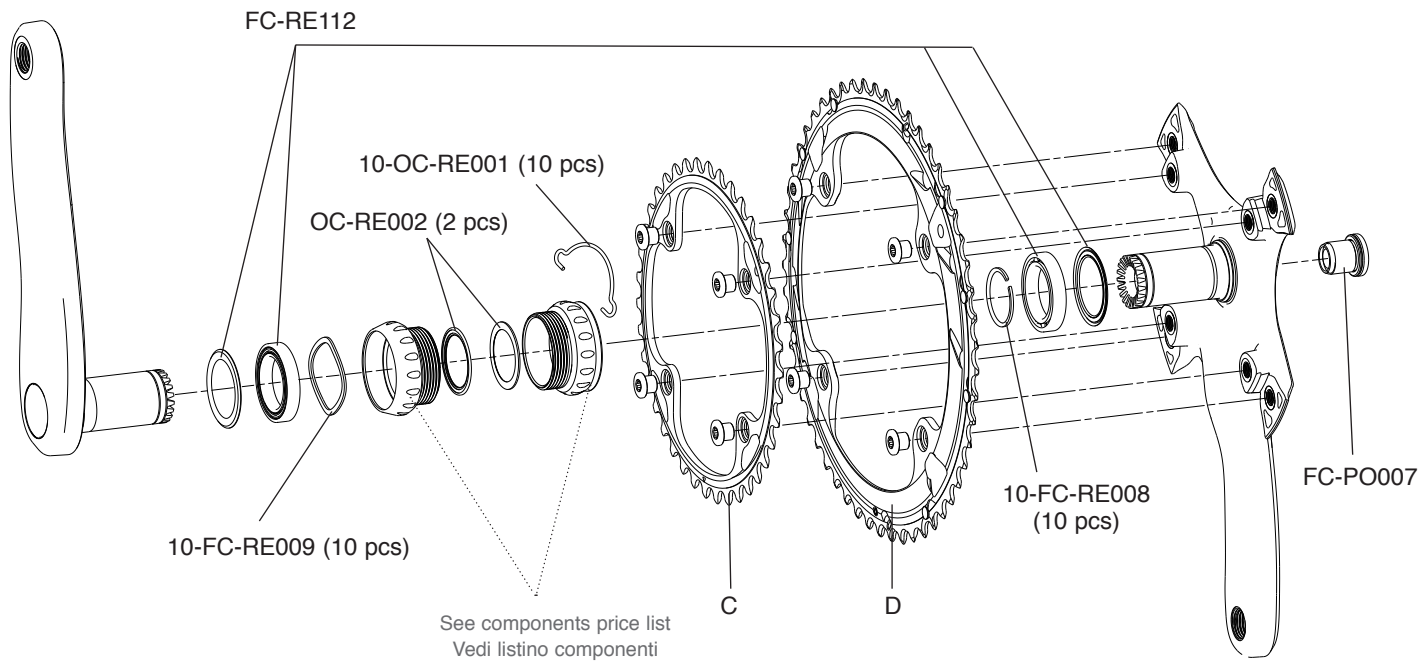
<b>B</b>	170 mm 172,5 mm 175 mm	<b>FC-CH113</b> <b>FC-CH115</b> <b>FC-CH117</b>
<b>C</b>	<b>Z34</b> <b>Z36</b> <b>Z39</b>	<b>FC-SR234</b> <b>FC-SR136</b> <b>FC-SR239</b>
<b>D</b>	<b>Z50 for 34</b> <b>Z52 for 36</b> <b>Z53 for 39</b>	<b>FC-SR350</b> <b>FC-SR352</b> <b>FC-SR353</b>





**FC-SR300  
KIT VITI / SCREWS&NUTS**

C	Z34	FC-H11034
	Z36	FC-H11036
	Z39	FC-H11039
D	Z50 for 34	FC-H11050
	Z52 for 36	FC-H11052
	Z53 for 39	FC-H11053



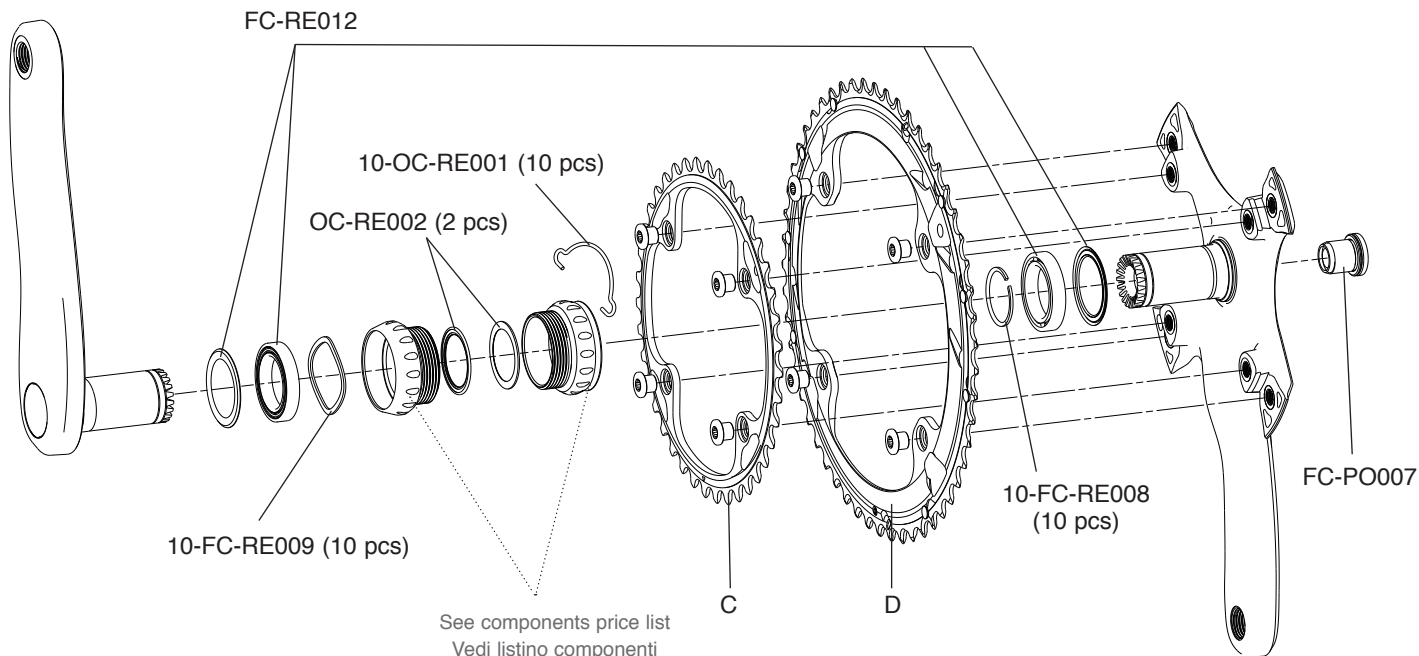


# CENTAUR 11S

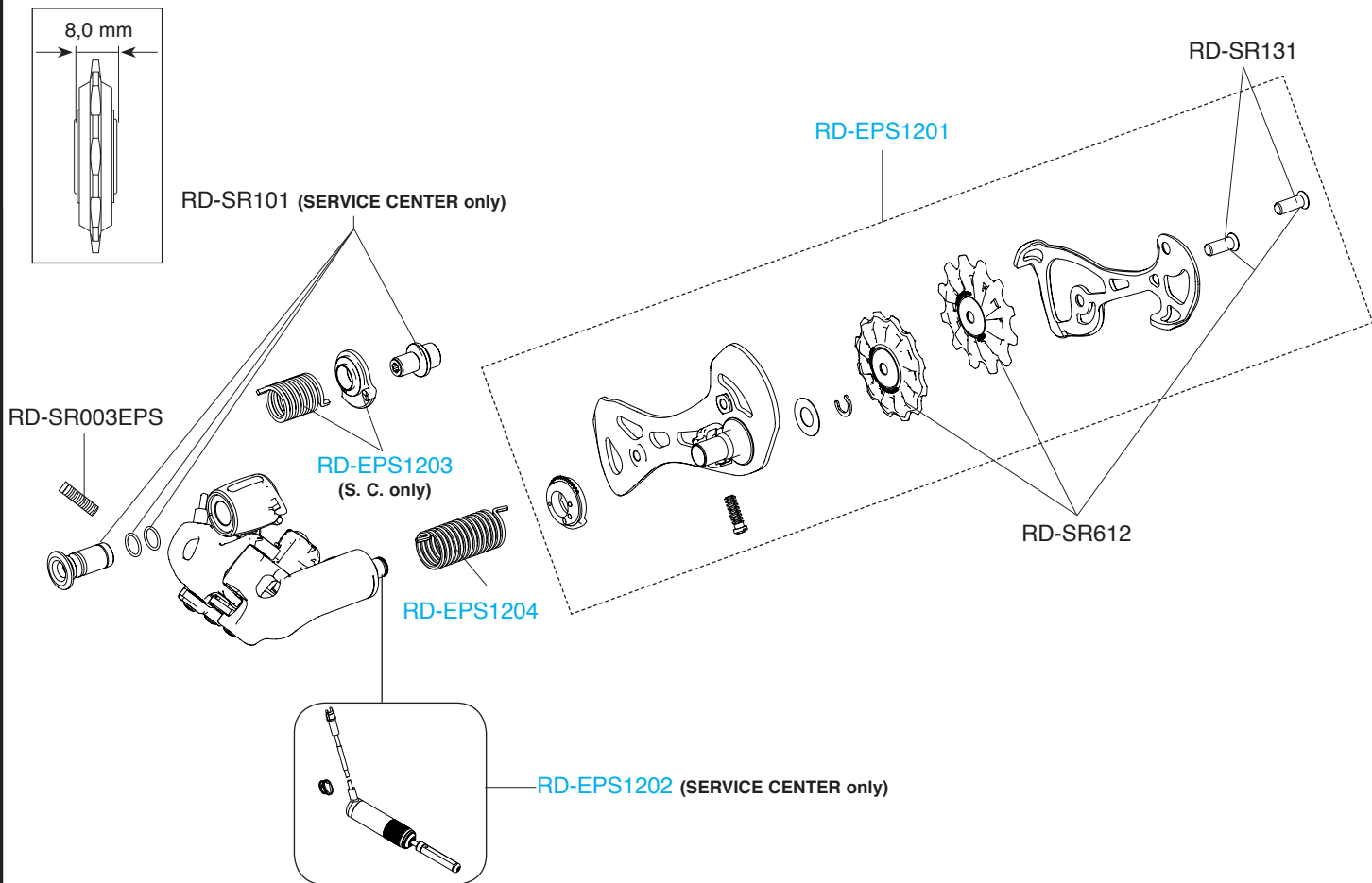
ALUMINIUM - ULTRA-TORQUE

**FC-PO100  
KIT VITI / SCREWS&NUTS**

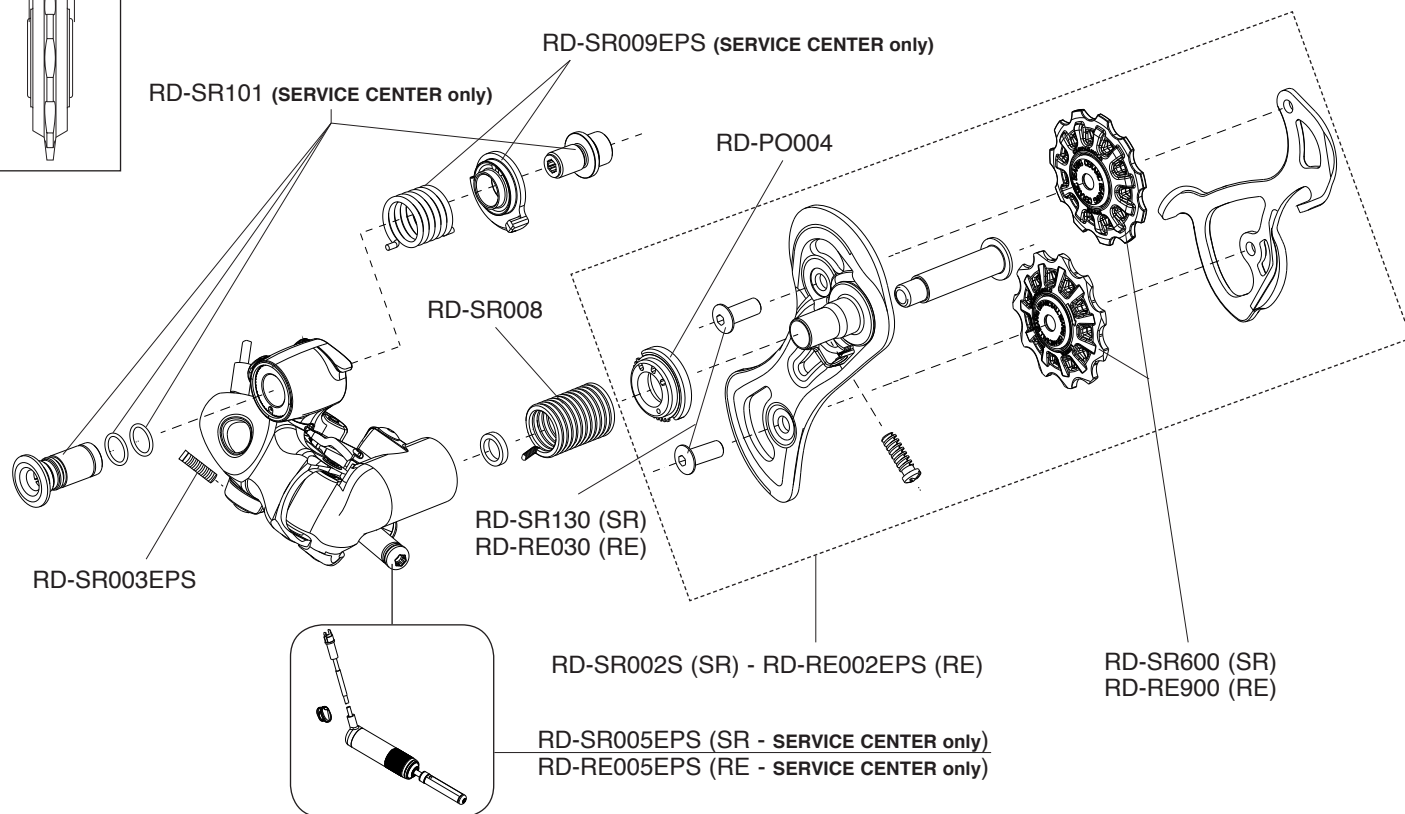
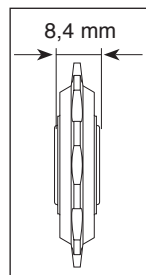
		BLACK	SILVER
C	Z34 Z36	FC-PO134B FC-PO136B	FC-PO134S FC-PO136S
D	Z50 for 34 Z52 for 36	FC-PO150B FC-PO152B	FC-PO150S FC-PO152S



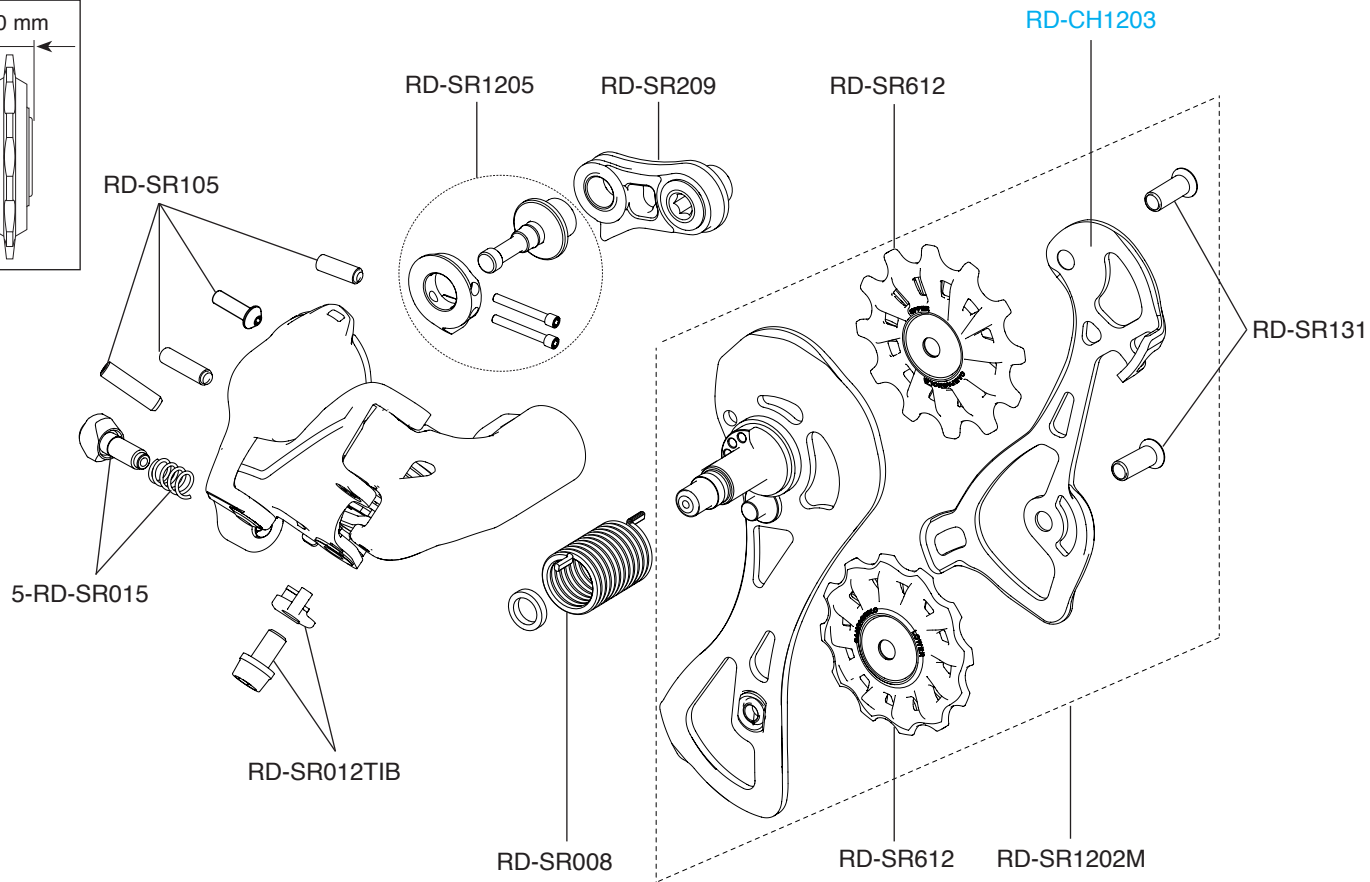
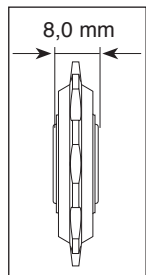
# SUPER RECORD EPS 12S



# SUPER RECORD EPS 11S / RECORD EPS 11S

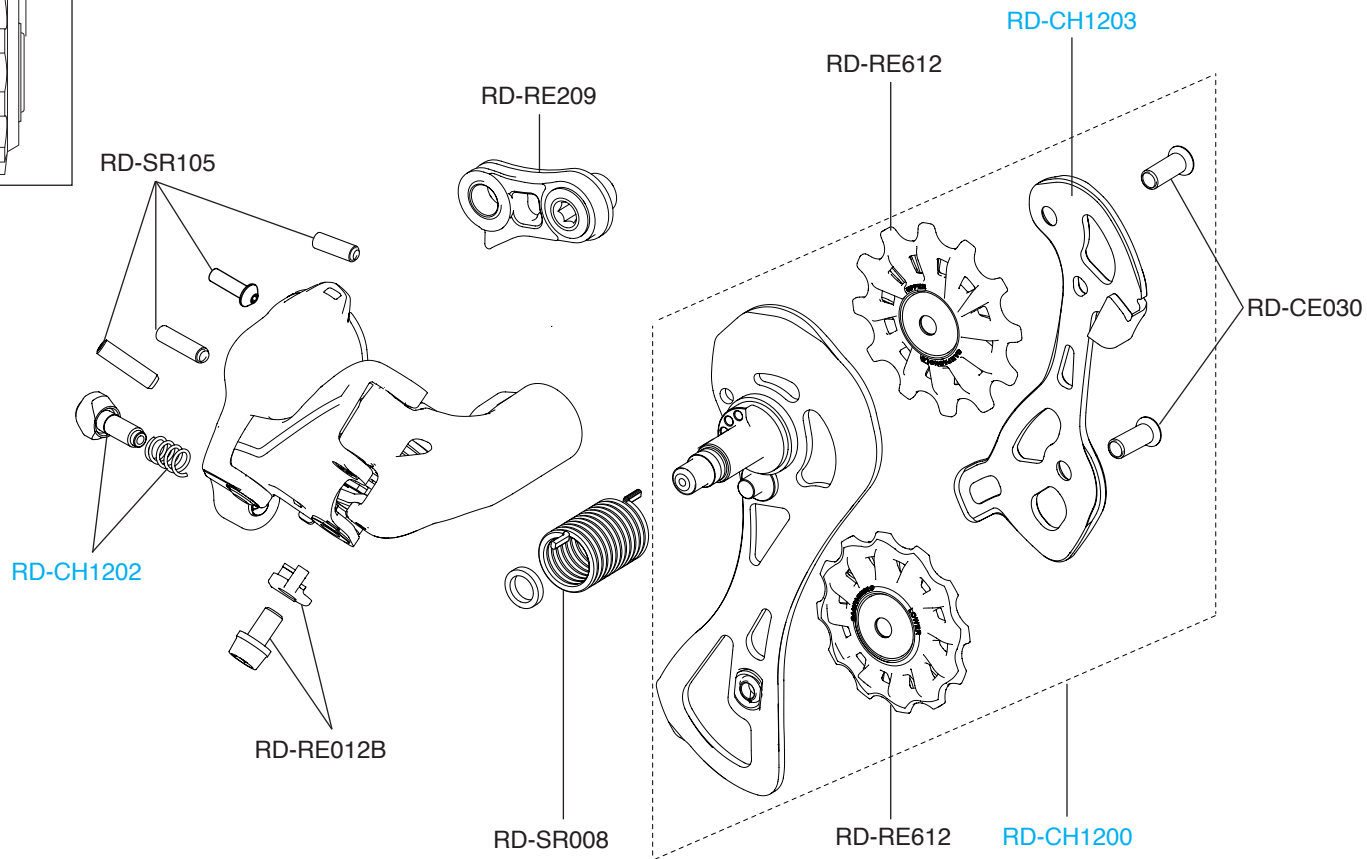
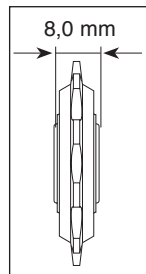


# SUPER RECORD 12S



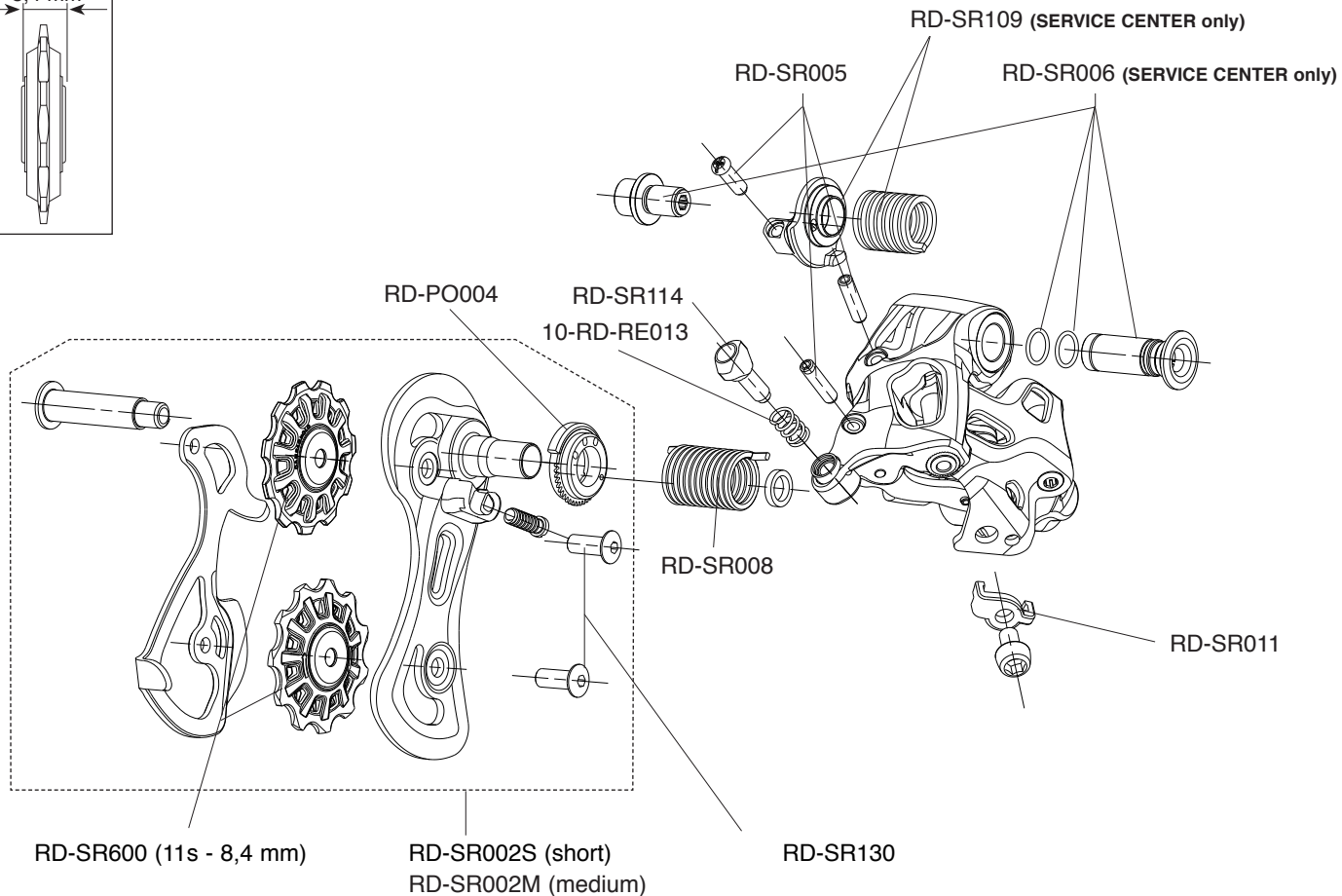
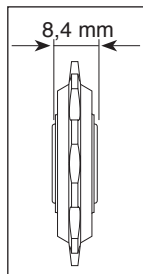


# CHORUS 12S

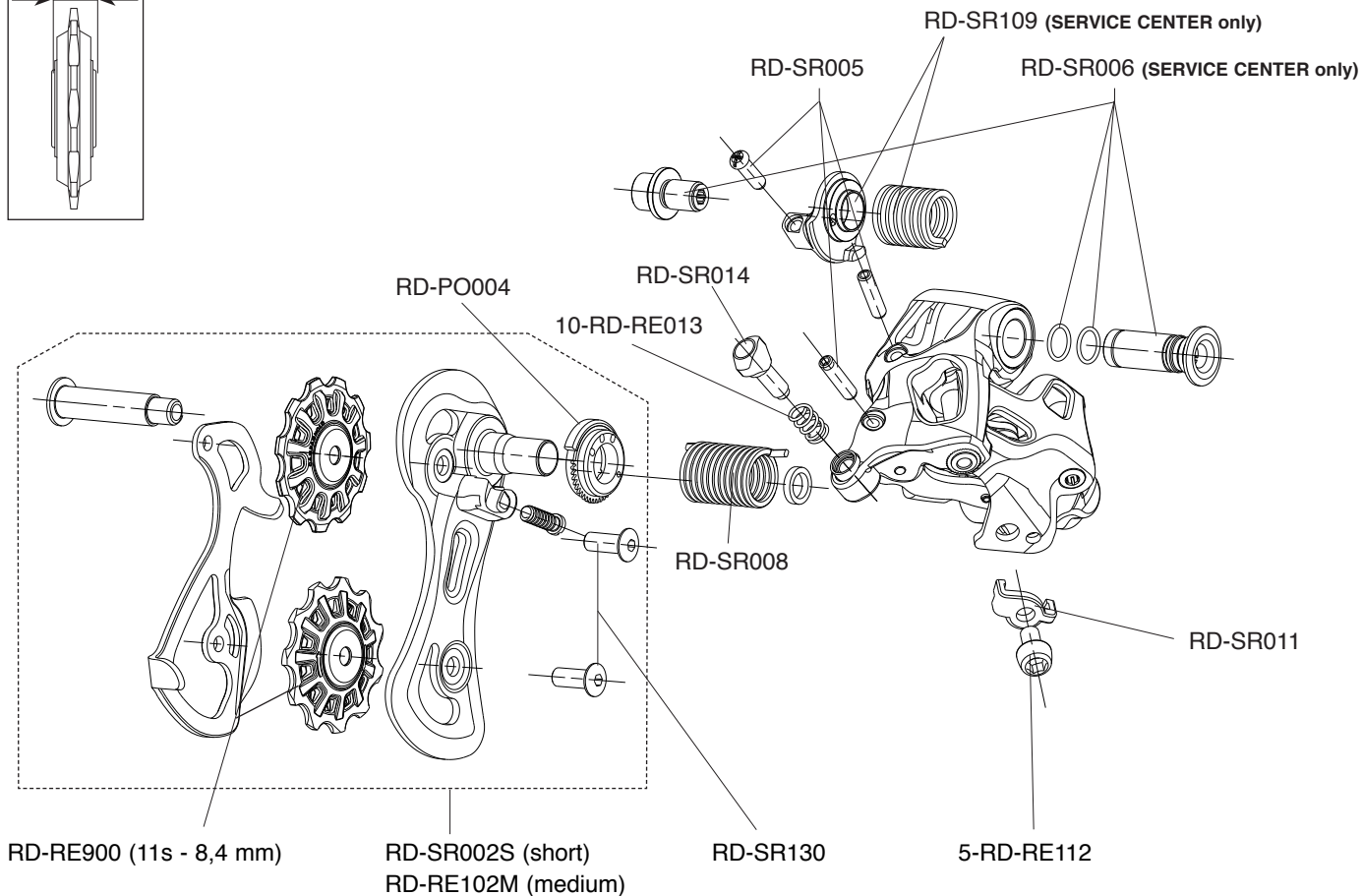
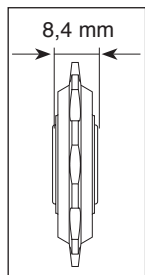




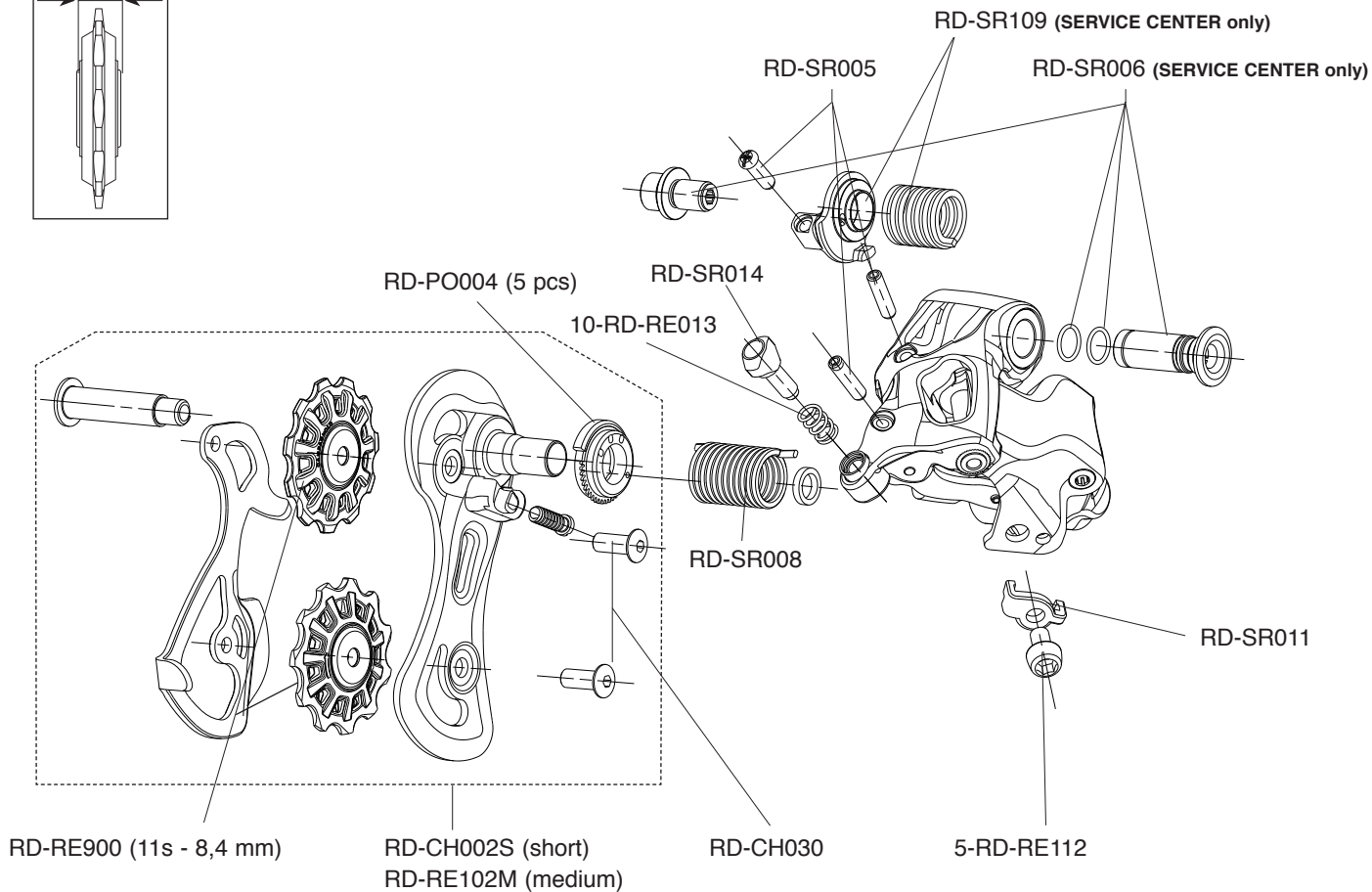
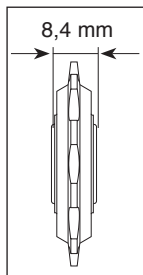
# SUPER RECORD 11S



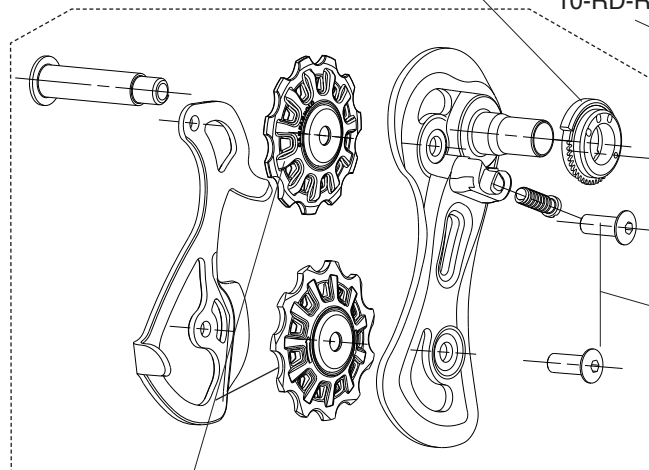
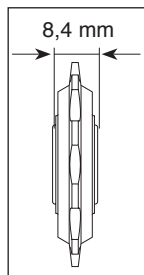
# RECORD 11S



# CHORUS 11S



# POTENZA 11 11S



RD-PO004 (5 pcs)

10-RD-RE013

5-RD-DA004

RD-SR008

RD-CE030

RD-PO102B (short - black)  
RD-RE102M (medium - black)  
RD-PO102S (short - silver)  
RD-PO103S (medium - silver)

RD-SR005

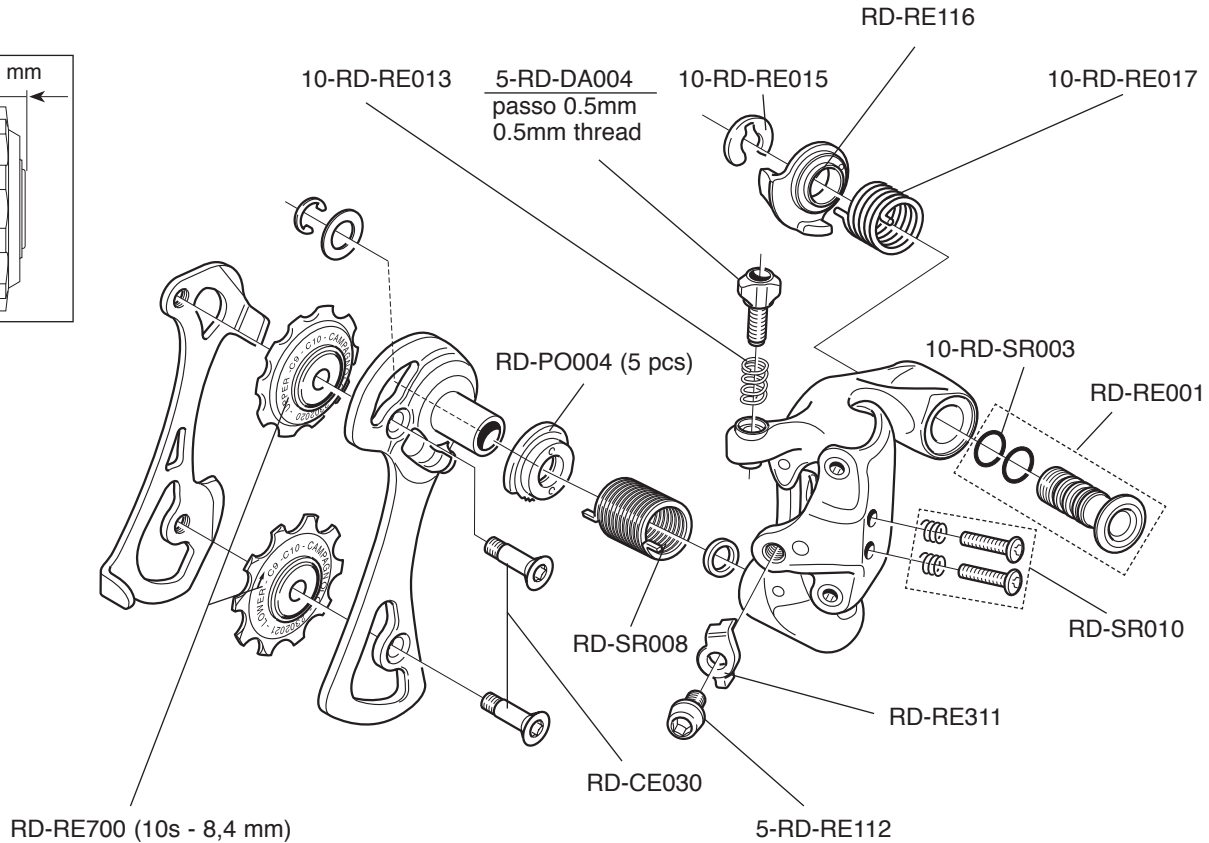
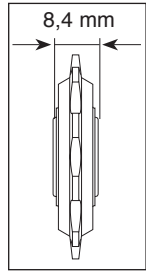
RD-PO009 (SERVICE CENTER only)

RD-SR011 (black)  
RD-RE311 (silver)

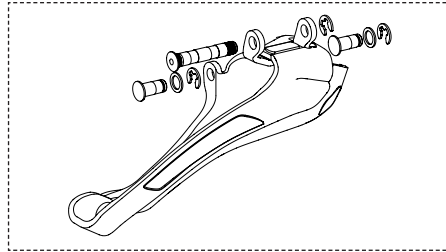
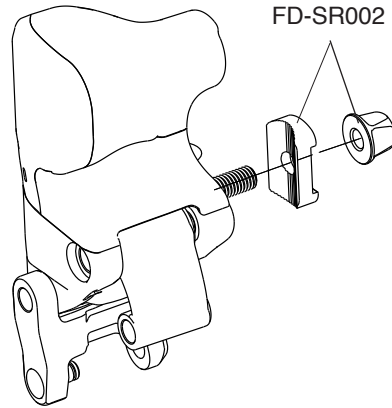
5-RD-RE112



# VELOCE 10S



# SUPER RECORD EPS 12S

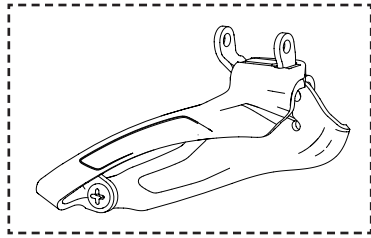


**SERVICE CENTER only!**  
FD-EPS1201

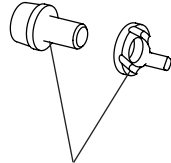




# SUPER RECORD 12S



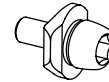
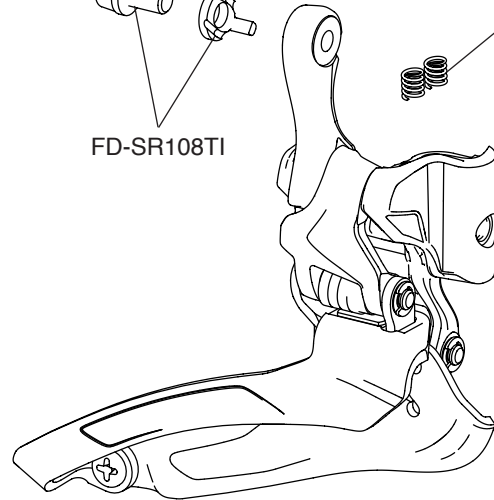
FD-SR215



FD-SR108TI

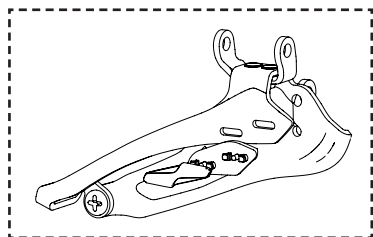


FD-SR122

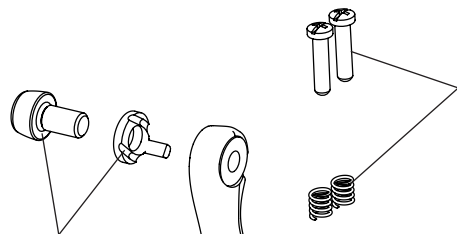


5-FD-VL102

# RECORD 12S

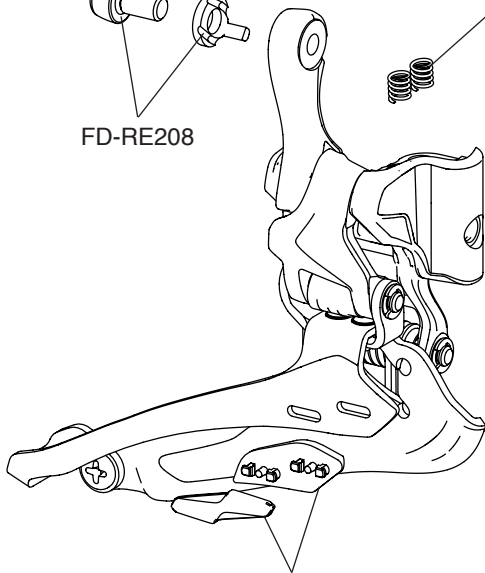


FD-RE315



FD-RE208

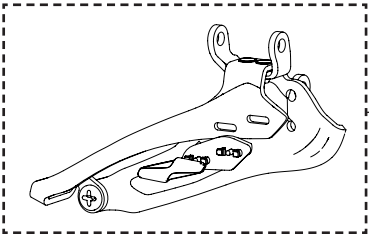
FD-SR122



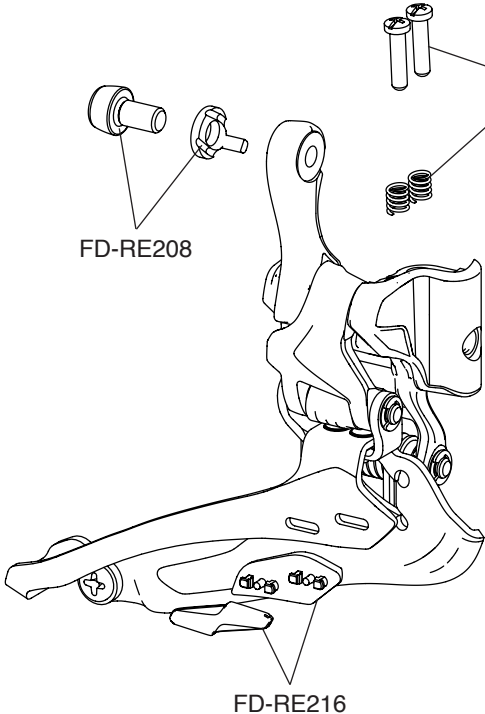
FD-RE216

5-FD-VL102

# CHORUS 12S



FD-CH1201



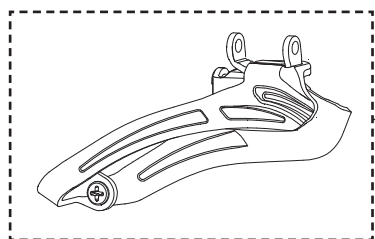
FD-SR122

FD-RE208

5-FD-VL102

FD-RE216

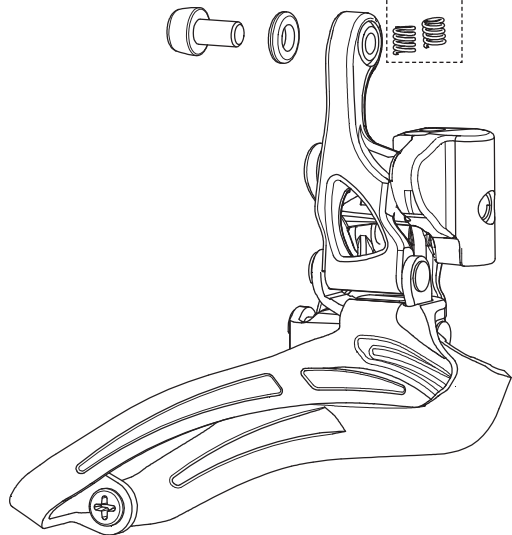
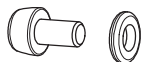
# SUPER RECORD 11S



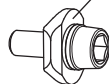
FD-SR115



FD-SR102



FD-RE014



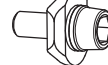
FD-SR102



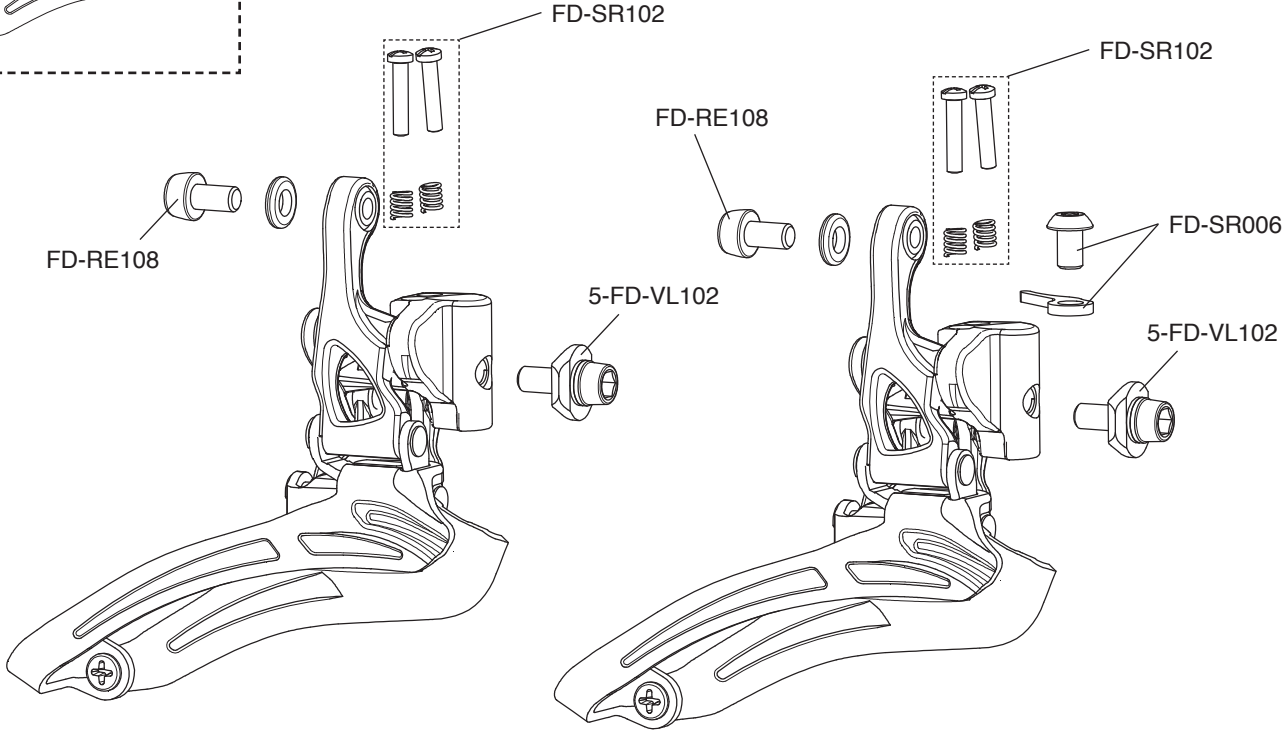
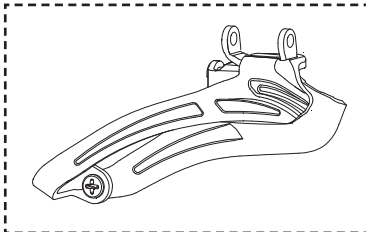
FD-SR006



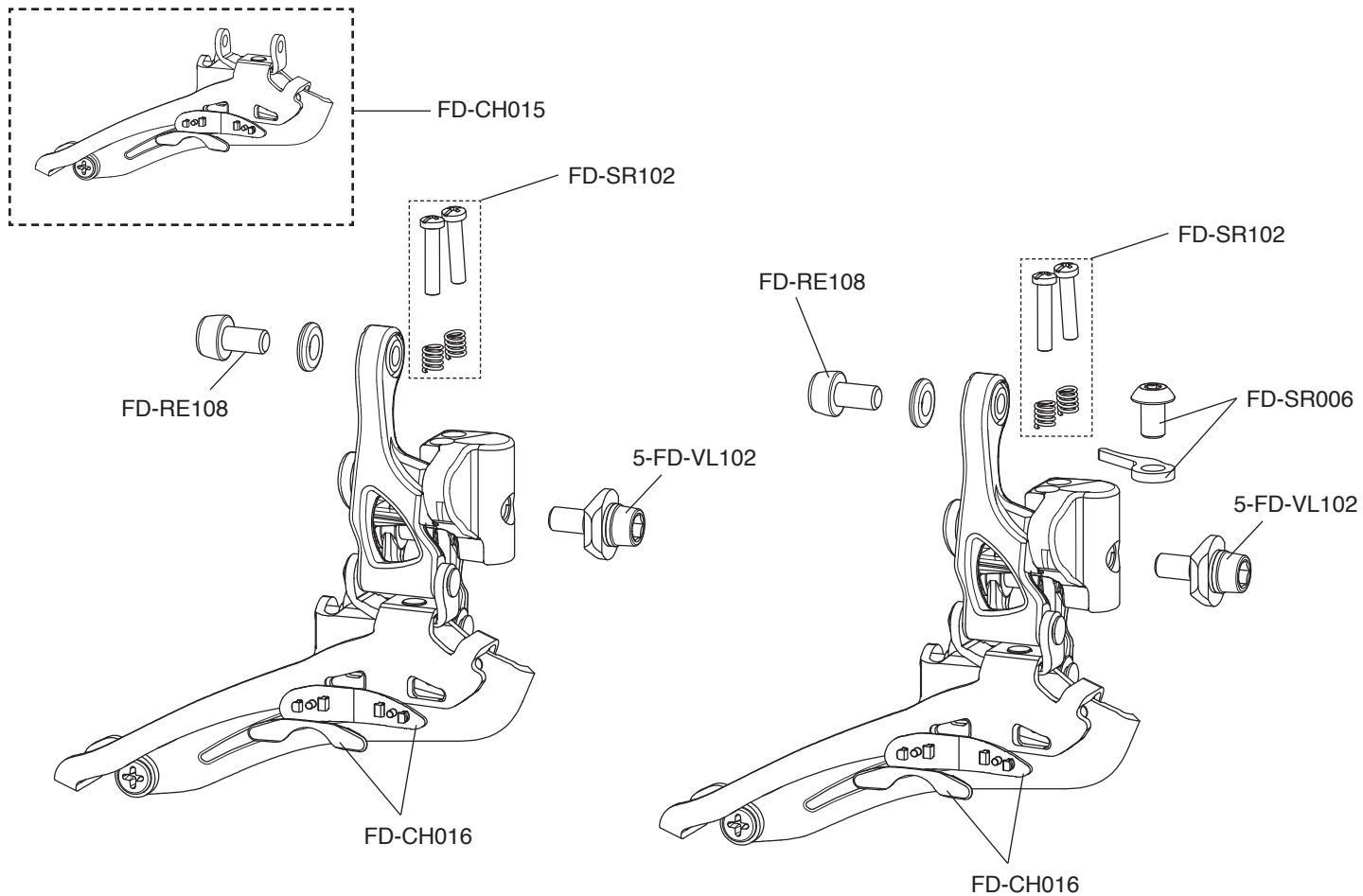
FD-RE014



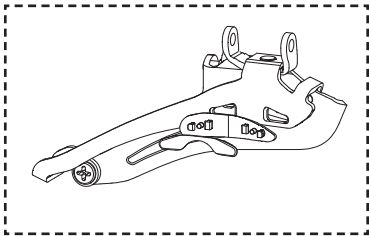
# RECORD 11S



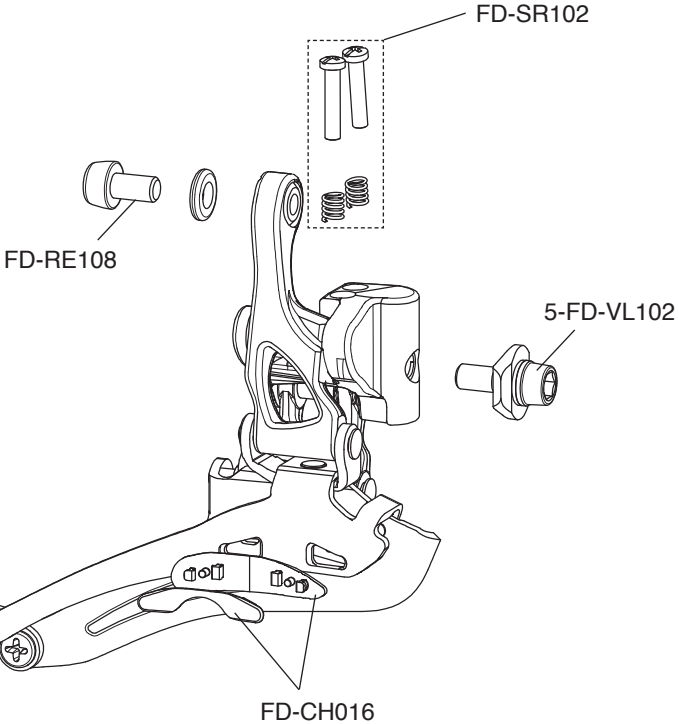
# CHORUS 11S



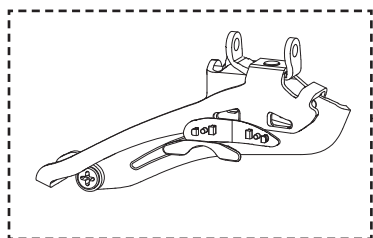
# POTENZA 11 11S



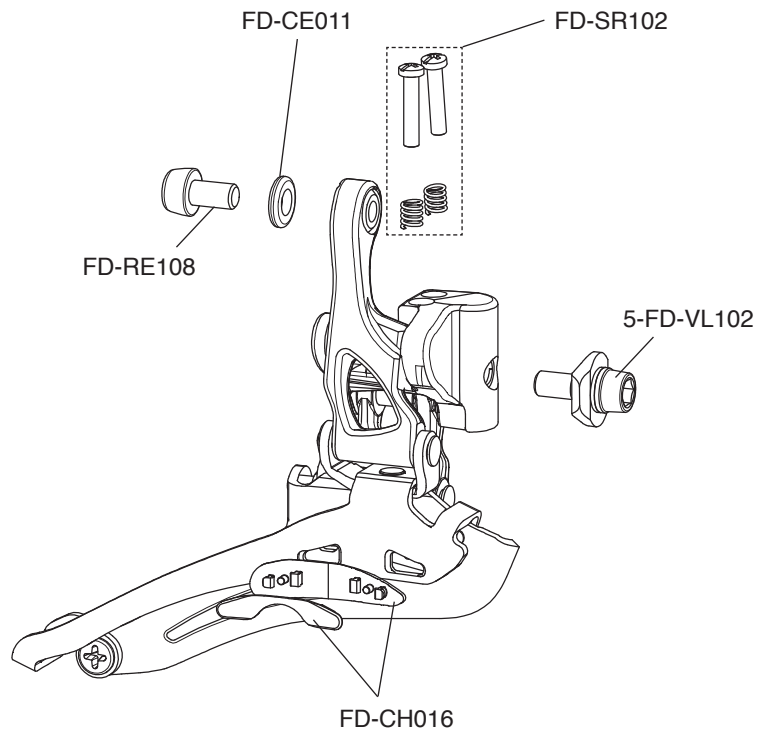
FD-PO015



# CENTAUR 11S

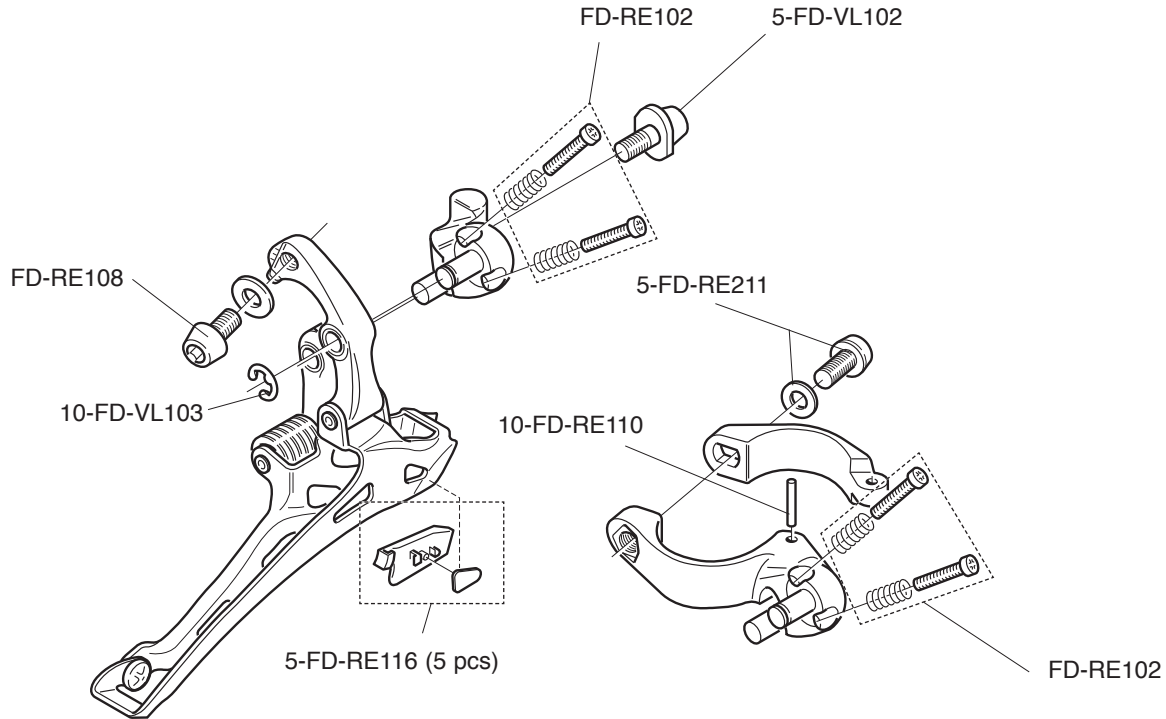


FD-PO015





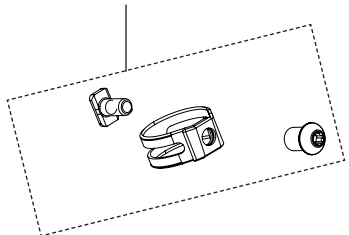
# VELOCE 10S



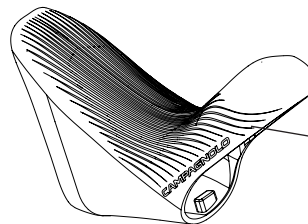
# SUPER RECORD EPS 12S

CARBON

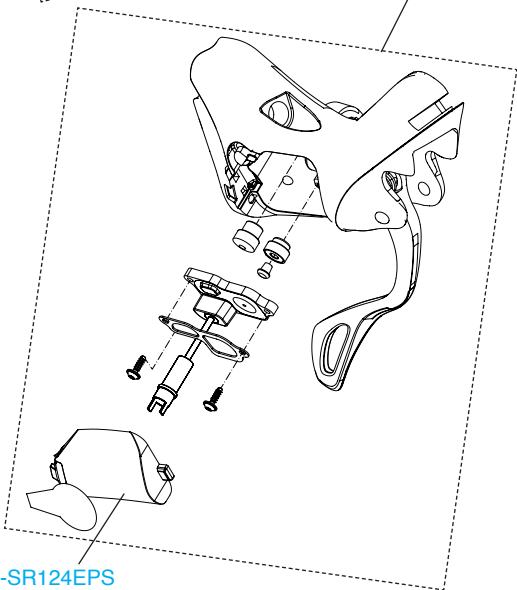
EC-SR103 (2 pcs)



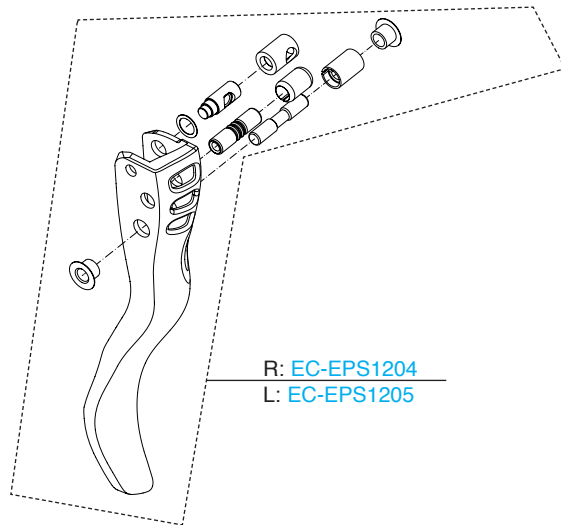
R: [EC-EPS1201](#)  
L: [EC-EPS1202](#)



**BLACK**  
[EC-EPS1203](#)  
(R+L)



R: [EC-SR124EPS](#)  
L: [EC-SR125EPS](#)



R: [EC-EPS1204](#)  
L: [EC-EPS1205](#)

# SUPER RECORD EPS 11S

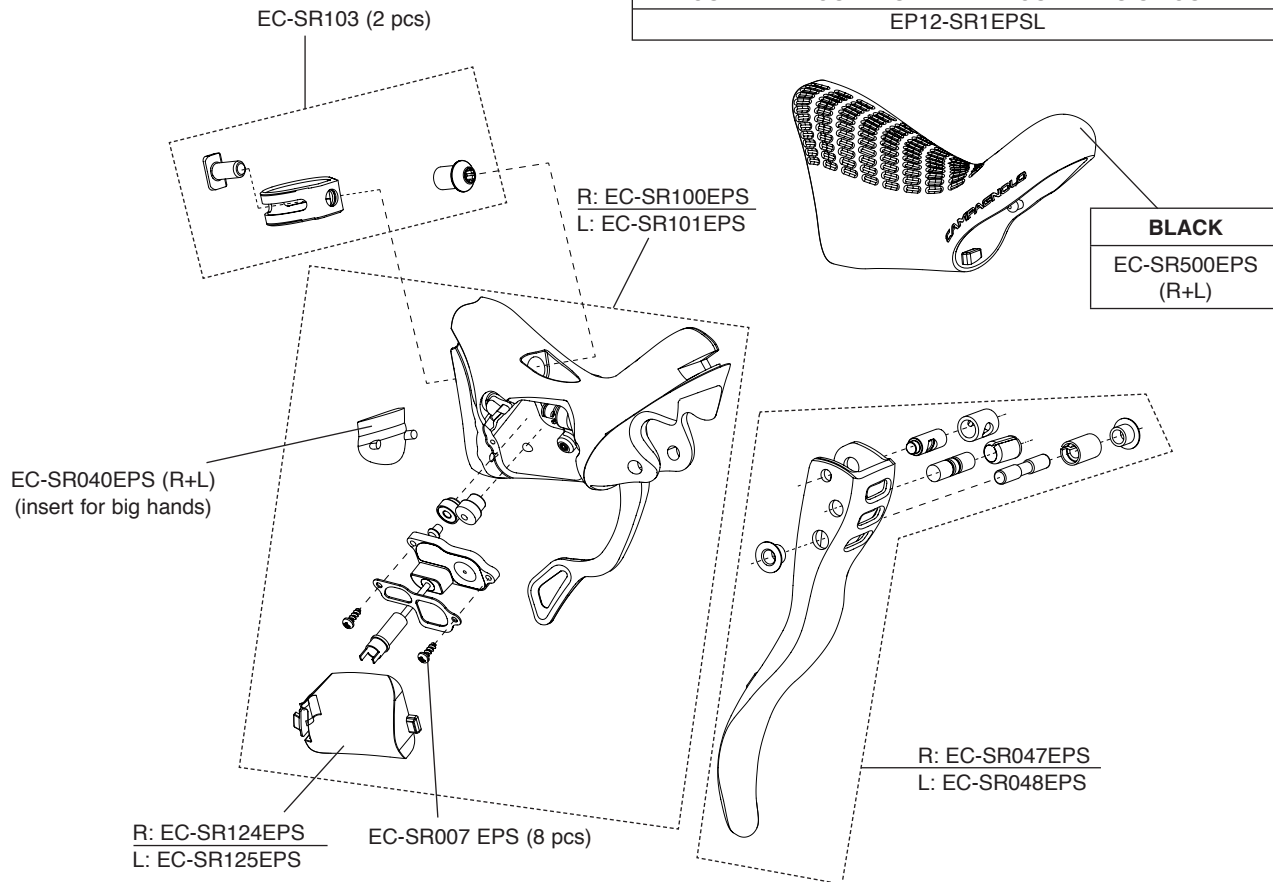
CARBON

R.H. COMPLETE CONTROL LEVER / COMANDO DX COMPLETO

EP12-SR1EPSR

L.H. COMPLETE CONTROL LEVER / COMANDO SX COMPLETO

EP12-SR1EPSL



# RECORD EPS 11S

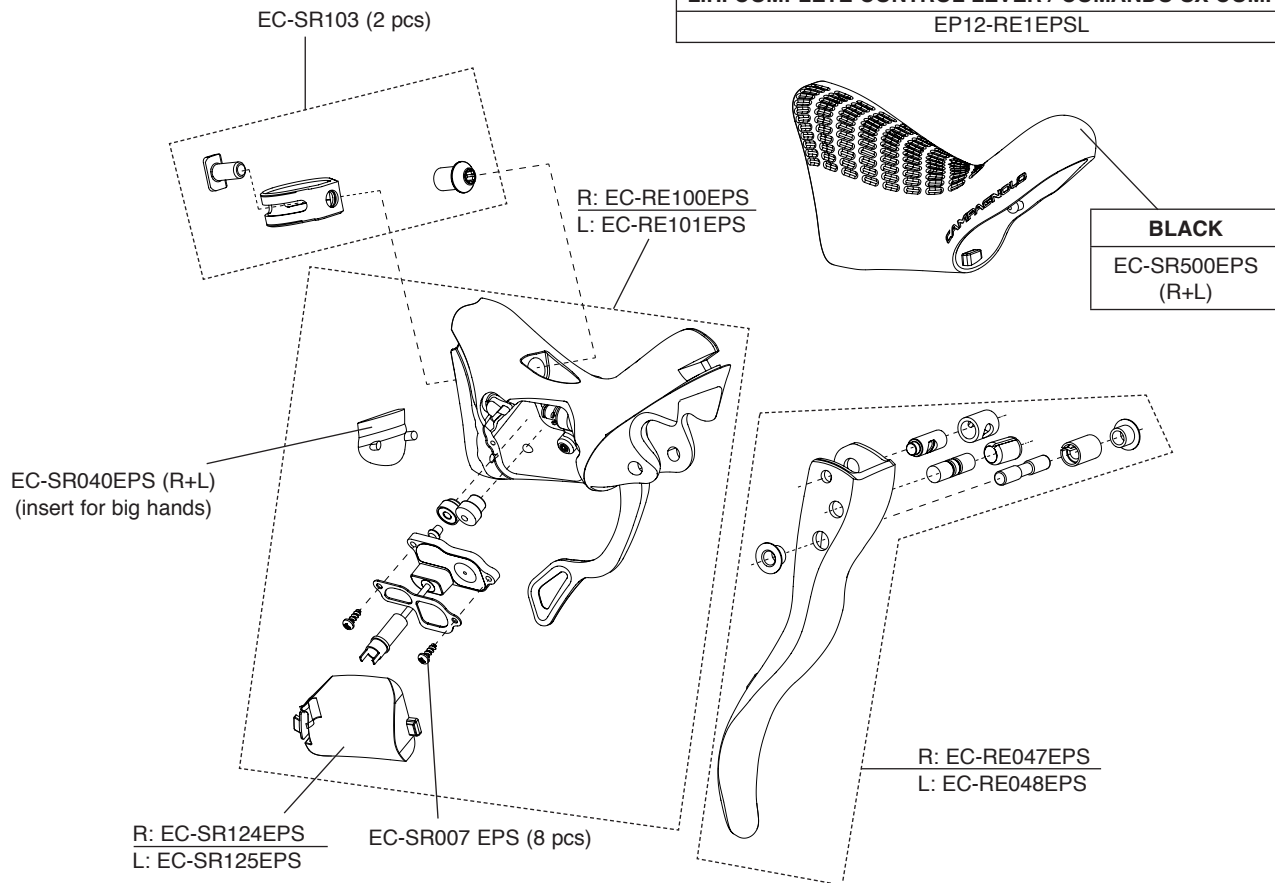
CARBON

R.H. COMPLETE CONTROL LEVER / COMANDO DX COMPLETO

EP12-RE1EPSR

L.H. COMPLETE CONTROL LEVER / COMANDO SX COMPLETO

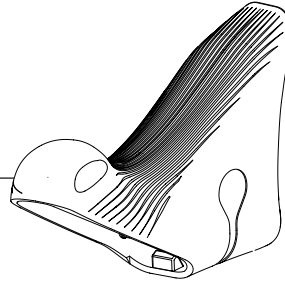
EP12-RE1EPSL



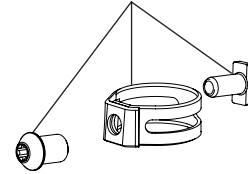
# SUPER RECORD 12S

CARBON - ULTRA-SHIFT

EC-SR700

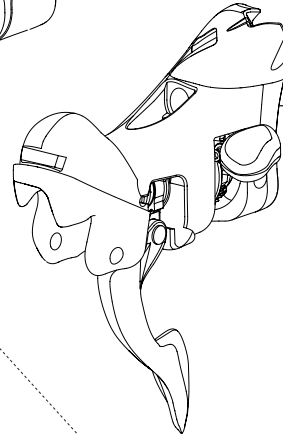


EC-SR103



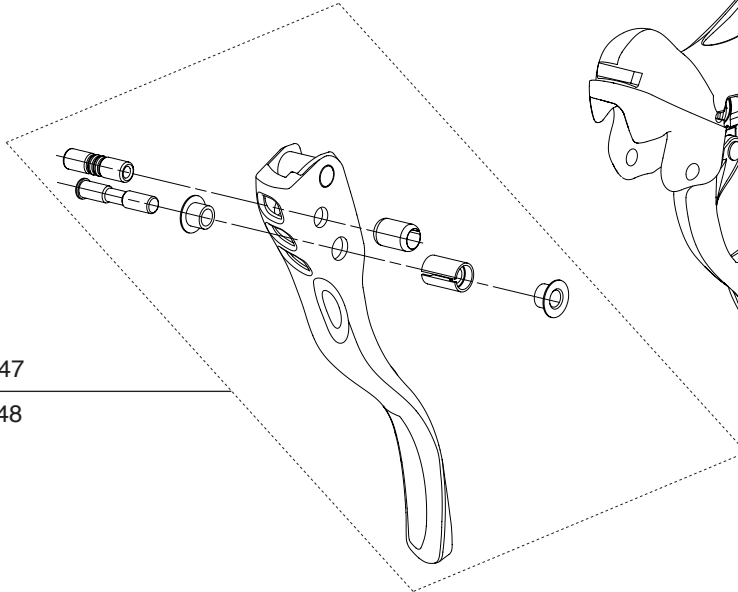
R: EC-SR300

L: EC-SR301

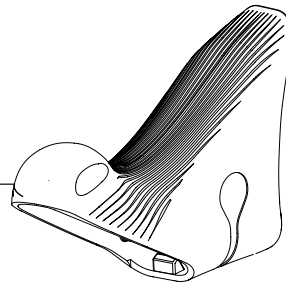


R: EC-SR347

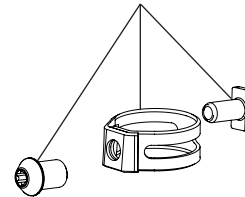
L: EC-SR348



EC-RE700

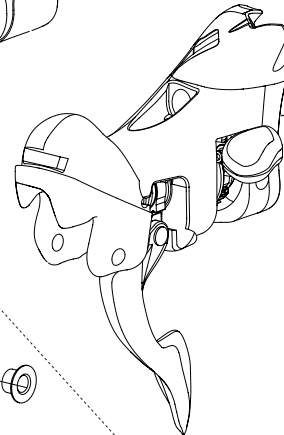


EC-SR103



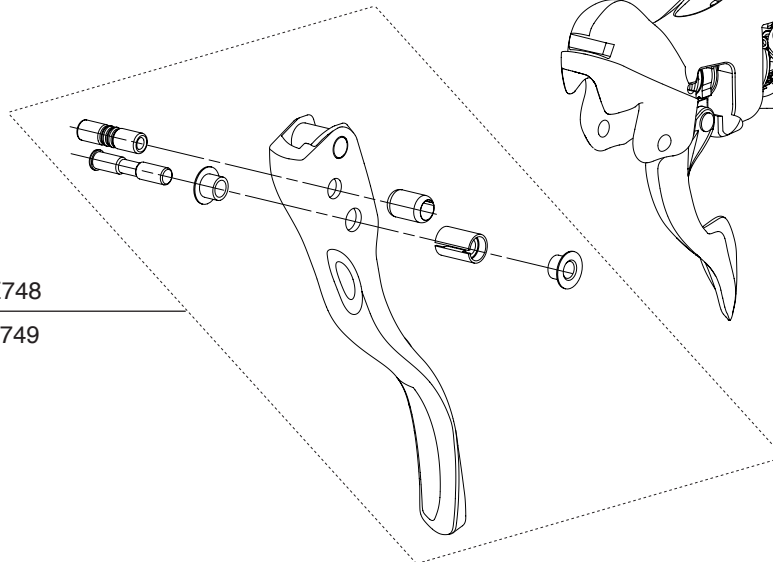
R: EC-RE400

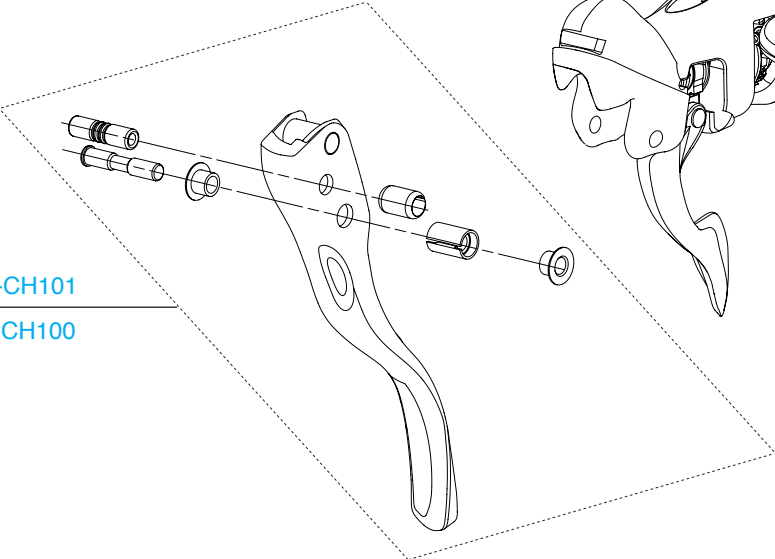
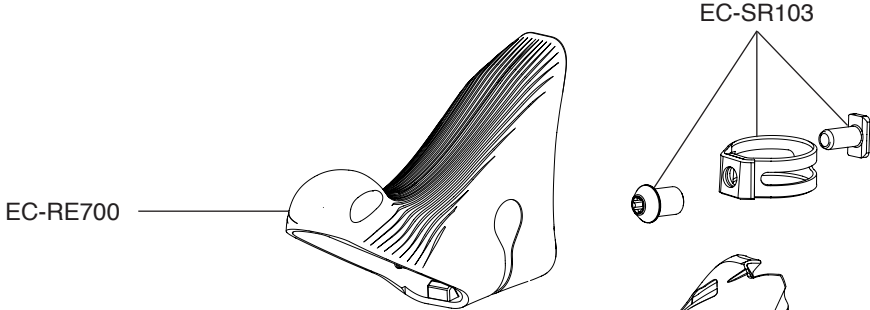
L: EC-RE401



R: EC-RE748

L: EC-RE749



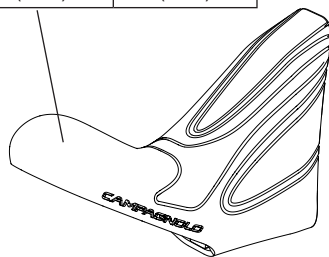


R: EC-RE400  
L: EC-RE401

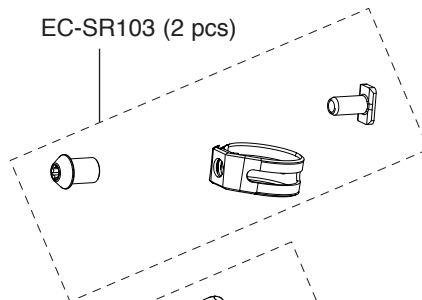
# SUPER RECORD 11S

CARBON - ULTRA-SHIFT

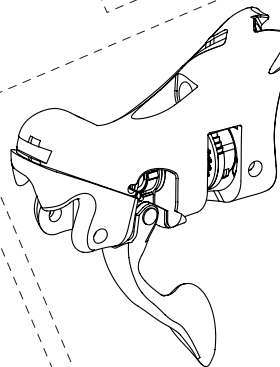
BLACK	WHITE	RED
EC-SR600 (R+L)	EC-SR600W (R+L)	EC-SR600R (R+L)



EC-SR103 (2 pcs)



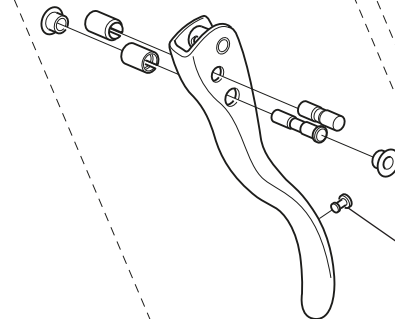
R: EC-SR200  
L: EC-SR201



R: EC-SR004  
L: EC-SR005



R: EC-SR247  
L: EC-SR248



EC-SR050  
(R+L - 5 pairs)



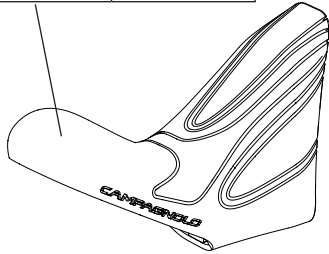
(insert for big hands)  
EC-SR040 (R+L)



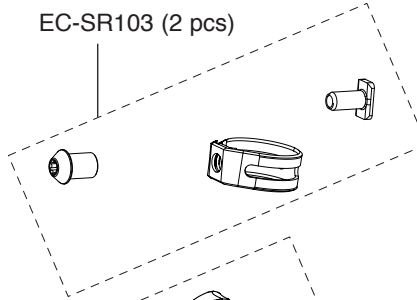
# RECORD 11S

CARBON - ULTRA-SHIFT

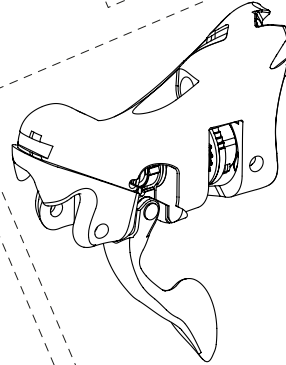
BLACK	WHITE	RED
EC-SR600 (R+L)	EC-SR600W (R+L)	EC-SR600R (R+L)



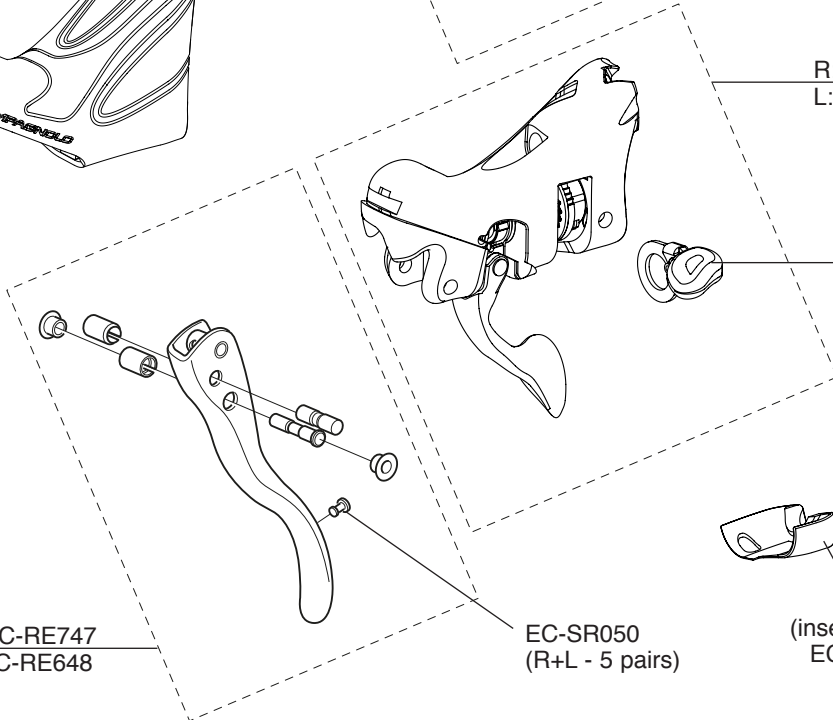
EC-SR103 (2 pcs)



R: EC-RE300  
L: EC-RE301



R: EC-SR004  
L: EC-SR005



R: EC-RE747  
L: EC-RE648

EC-SR050  
(R+L - 5 pairs)

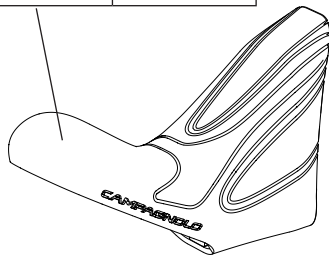
(insert for big hands)  
EC-SR040 (R+L)



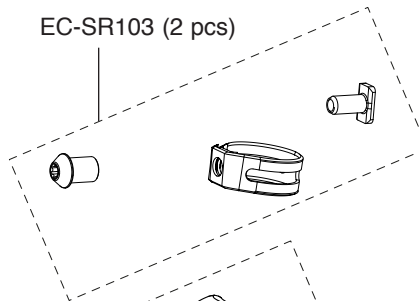
# CHORUS 11S

CARBON - ULTRA-SHIFT

BLACK	WHITE	RED
EC-SR600 (R+L)	EC-SR600W (R+L)	EC-SR600R (R+L)

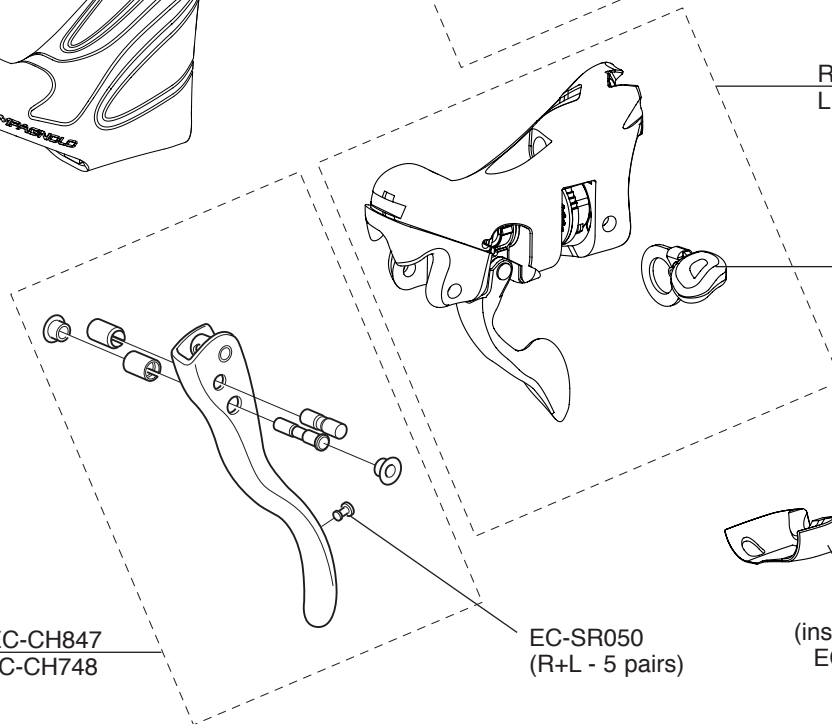


EC-SR103 (2 pcs)



R: EC-RE300  
L: EC-RE301

R: EC-SR004  
L: EC-SR005

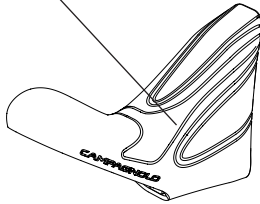


R: EC-CH847  
L: EC-CH748

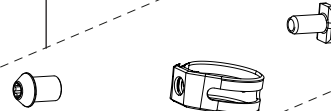
EC-SR050  
(R+L - 5 pairs)

(insert for big hands)  
EC-SR040 (R+L)

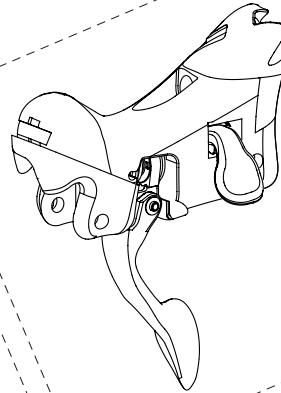
EC-PO500  
(R+L)



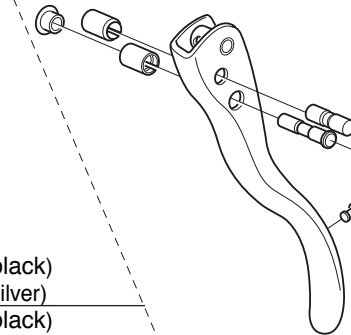
EC-PO003 (2 pcs)



R: EC-PO100 (black/silver)  
L: EC-PO101 (black/silver)



R: EC-PO147B (black)  
EC-PO147S (silver)  
L: EC-PO148B (black)  
EC-PO148S (silver)

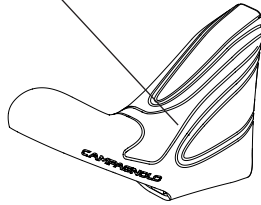


EC-SR050  
(R+L - 5 pairs)

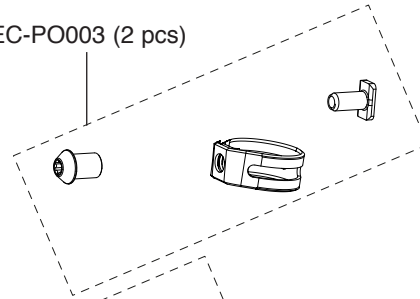
# CENTAUR 11S

POWER-SHIFT

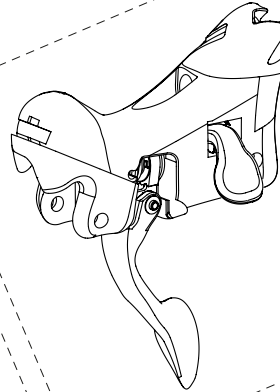
EC-PO500  
(R+L)



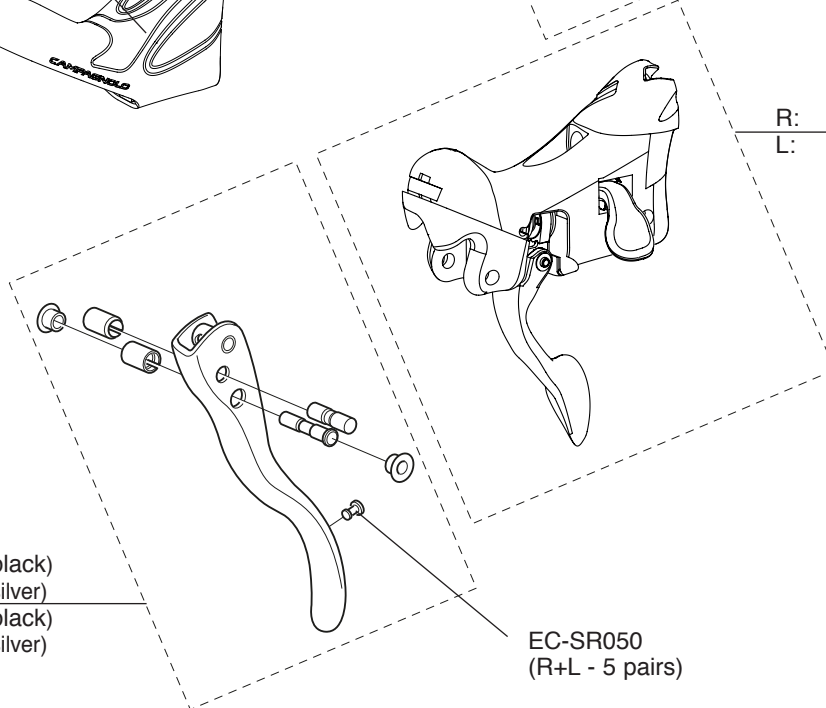
EC-PO003 (2 pcs)



R: EC-CE600 (black/silver)  
L: EC-CE601 (black/silver)



R: EC-CE047B (black)  
EC-CE047S (silver)  
L: EC-CE048B (black)  
EC-CE048S (silver)

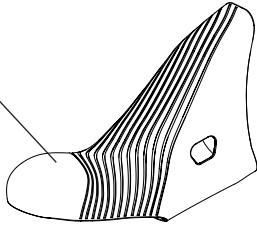


EC-SR050  
(R+L - 5 pairs)

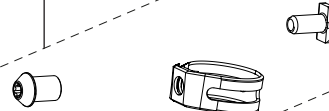
# VELOCE 10S

POWER-SHIFT

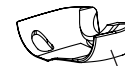
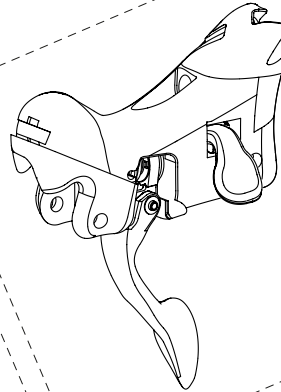
BLACK	WHITE	RED
EC-AT500B (R+L)	EC-AT500W (R+L)	EC-AT500R (R+L)



EC-SR103 (2 pcs)

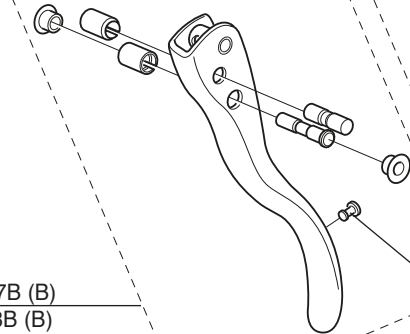


R: EC-VL200  
L: EC-AT401C



(insert for big hands)  
EC-SR040 (R+L)

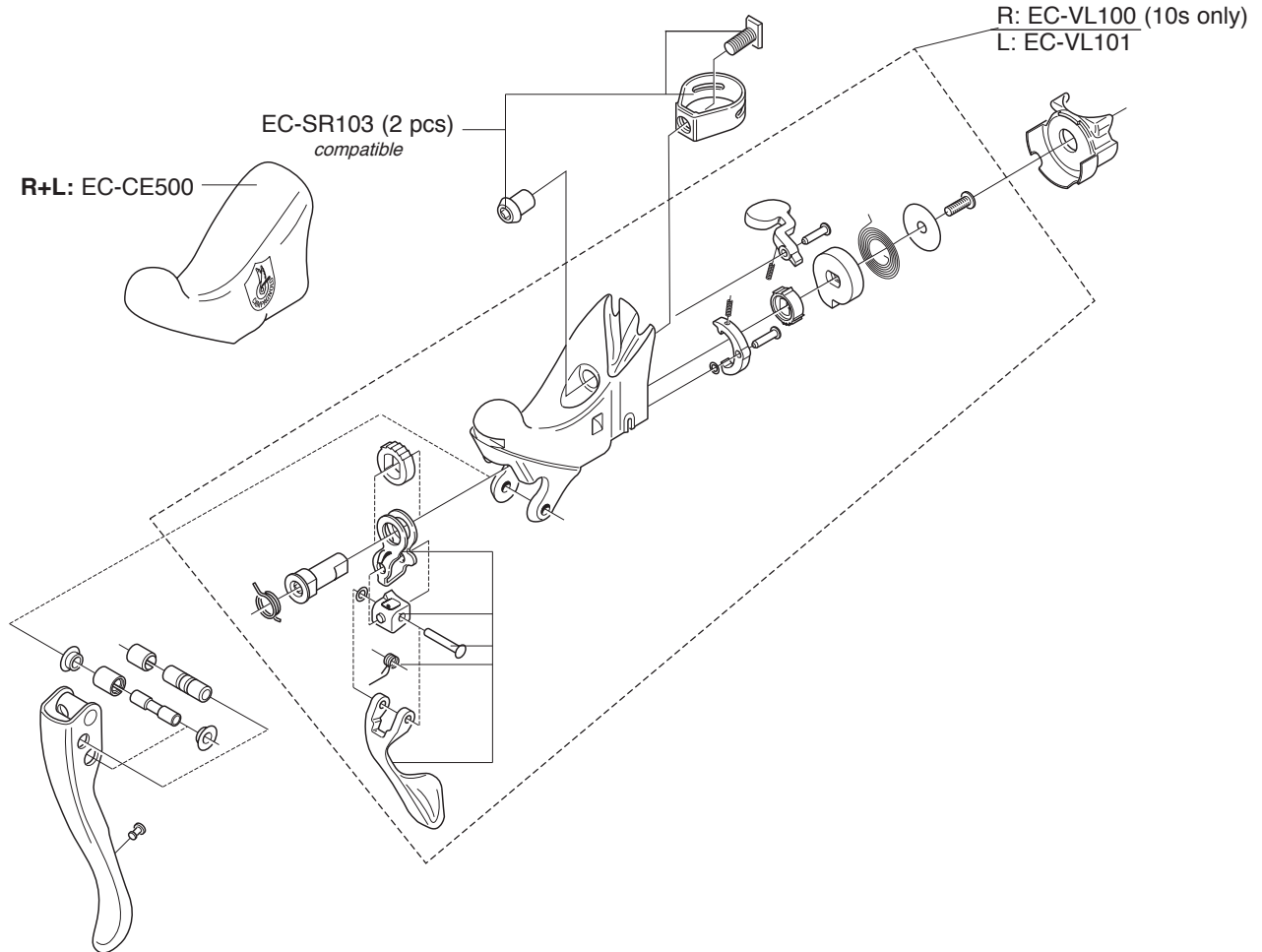
R: EC-VL047B (B)  
L: EC-VL048B (B)



EC-SR050  
(R+L - 5 pairs)

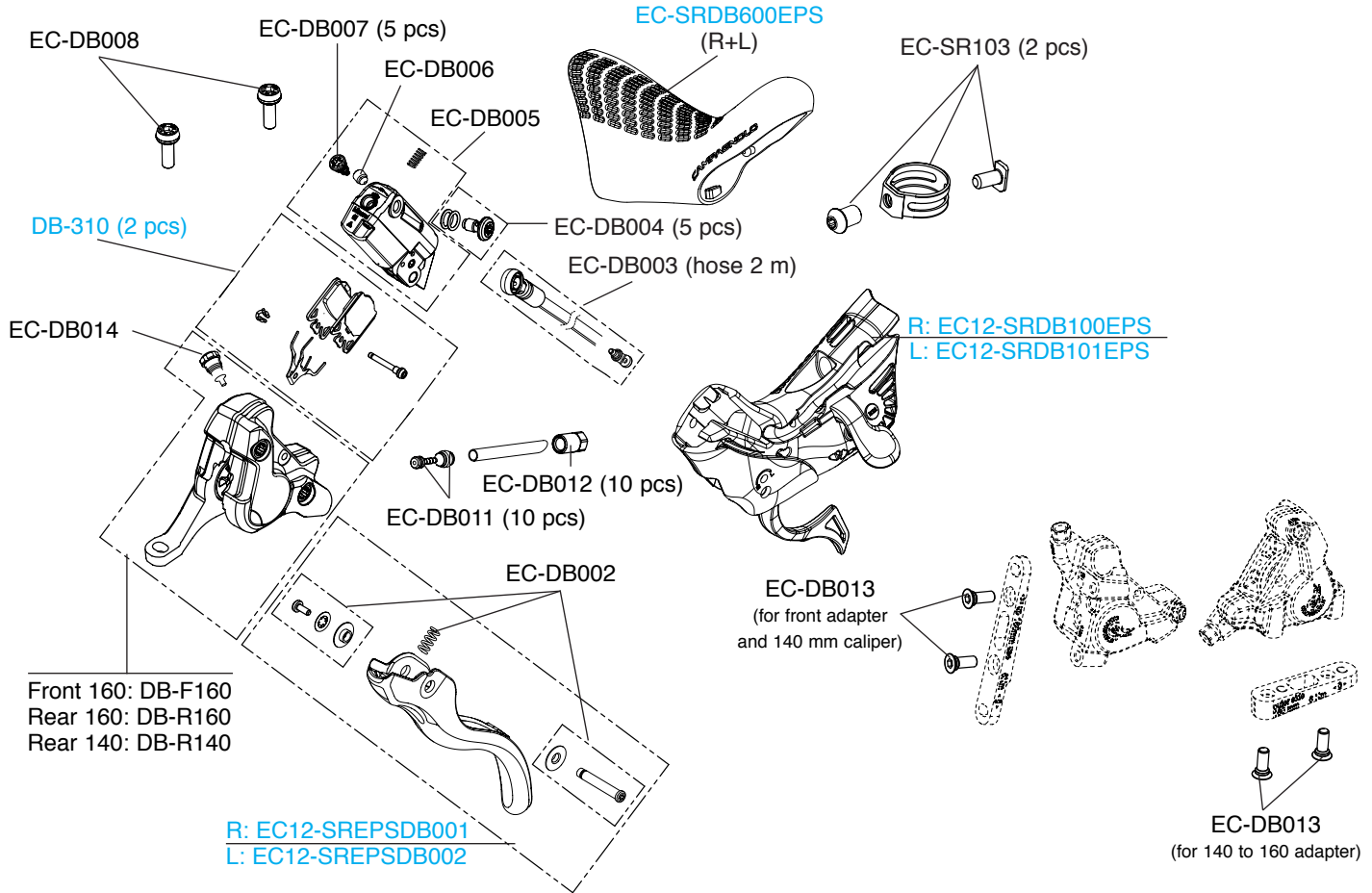
# ALL VERSIONS

ESCAPE



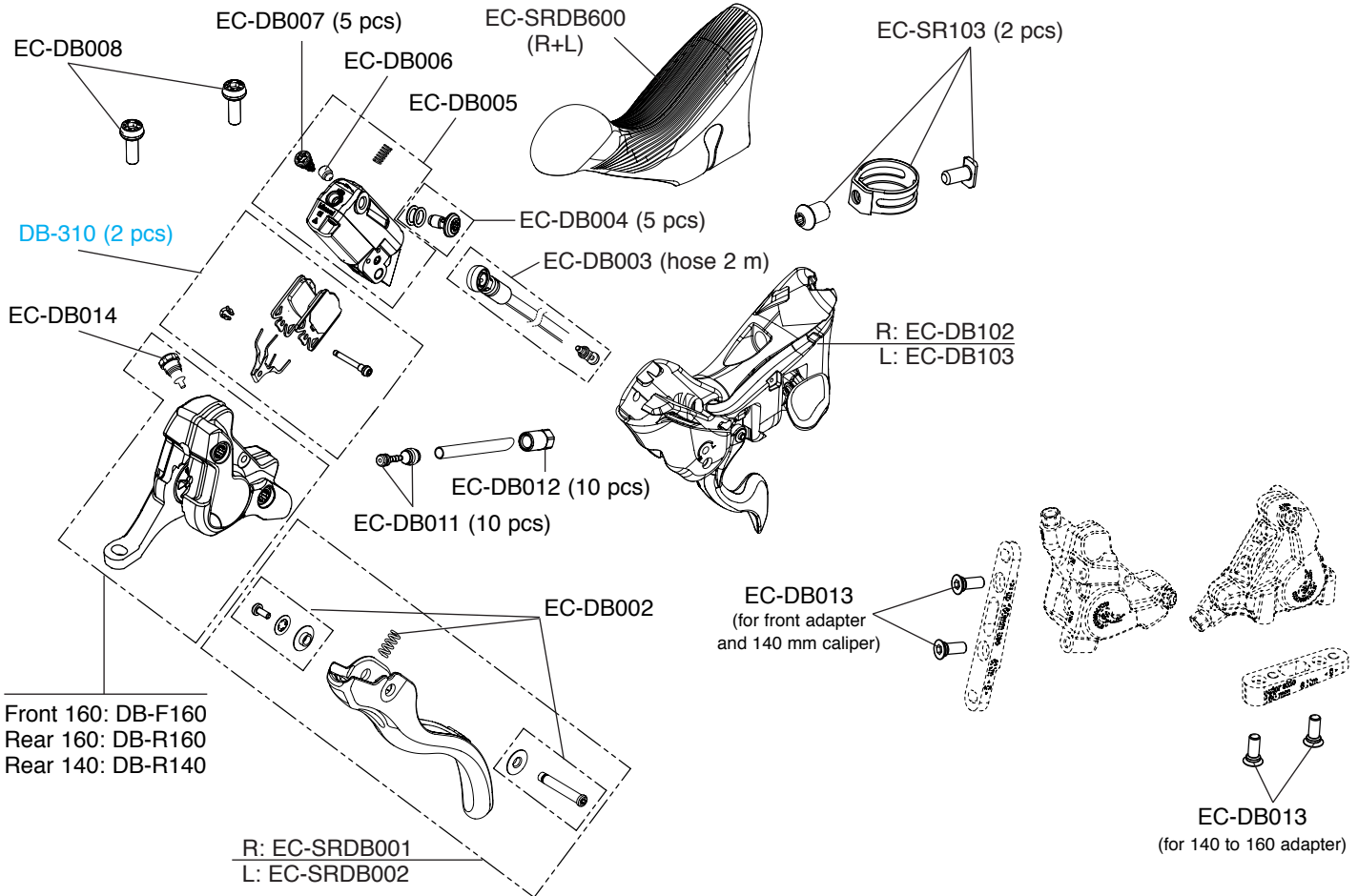
# SUPER RECORD EPS 12S

DISC BRAKES



# SUPER RECORD 12S

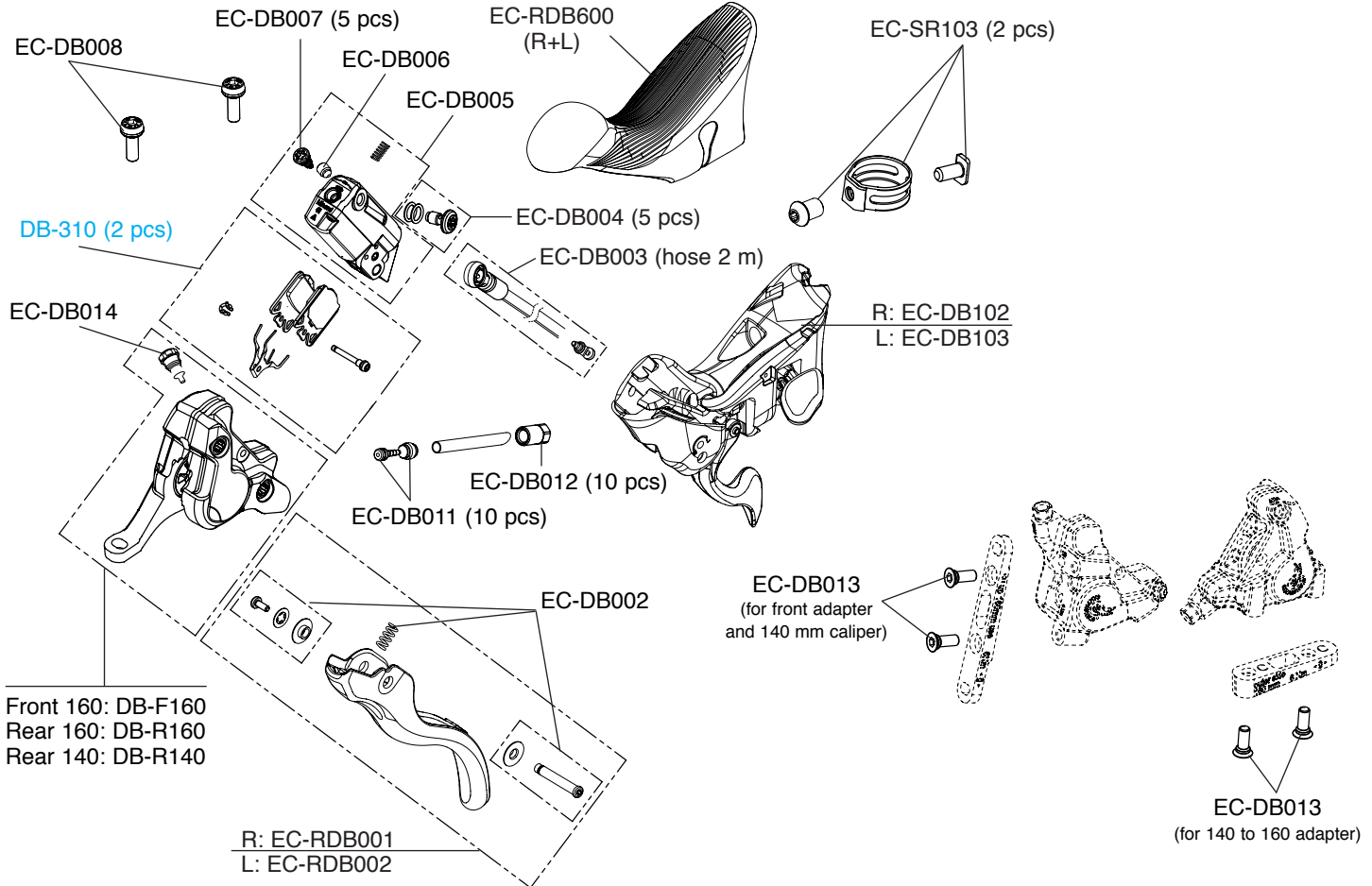
DISC BRAKES





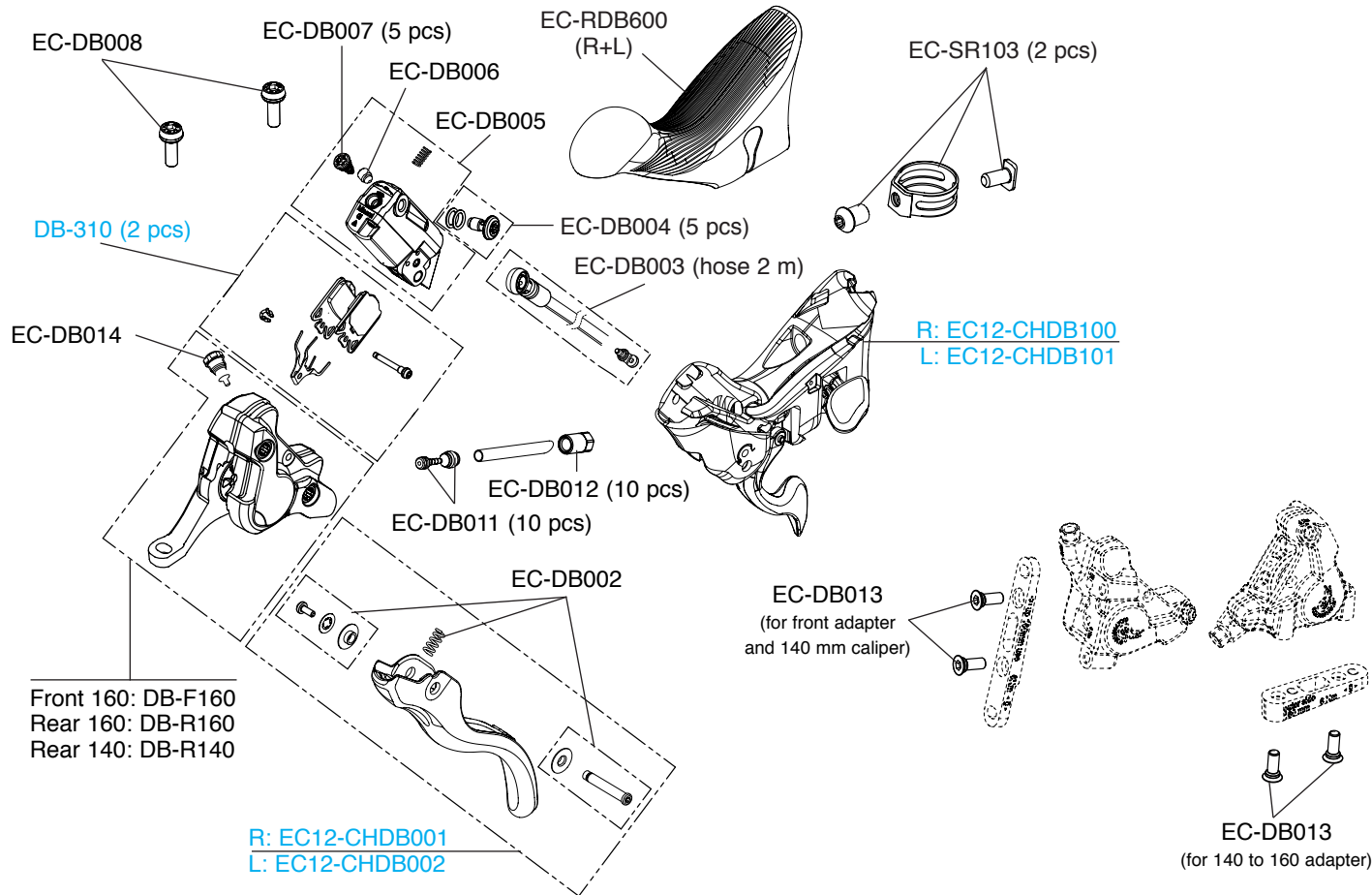
# RECORD 12S

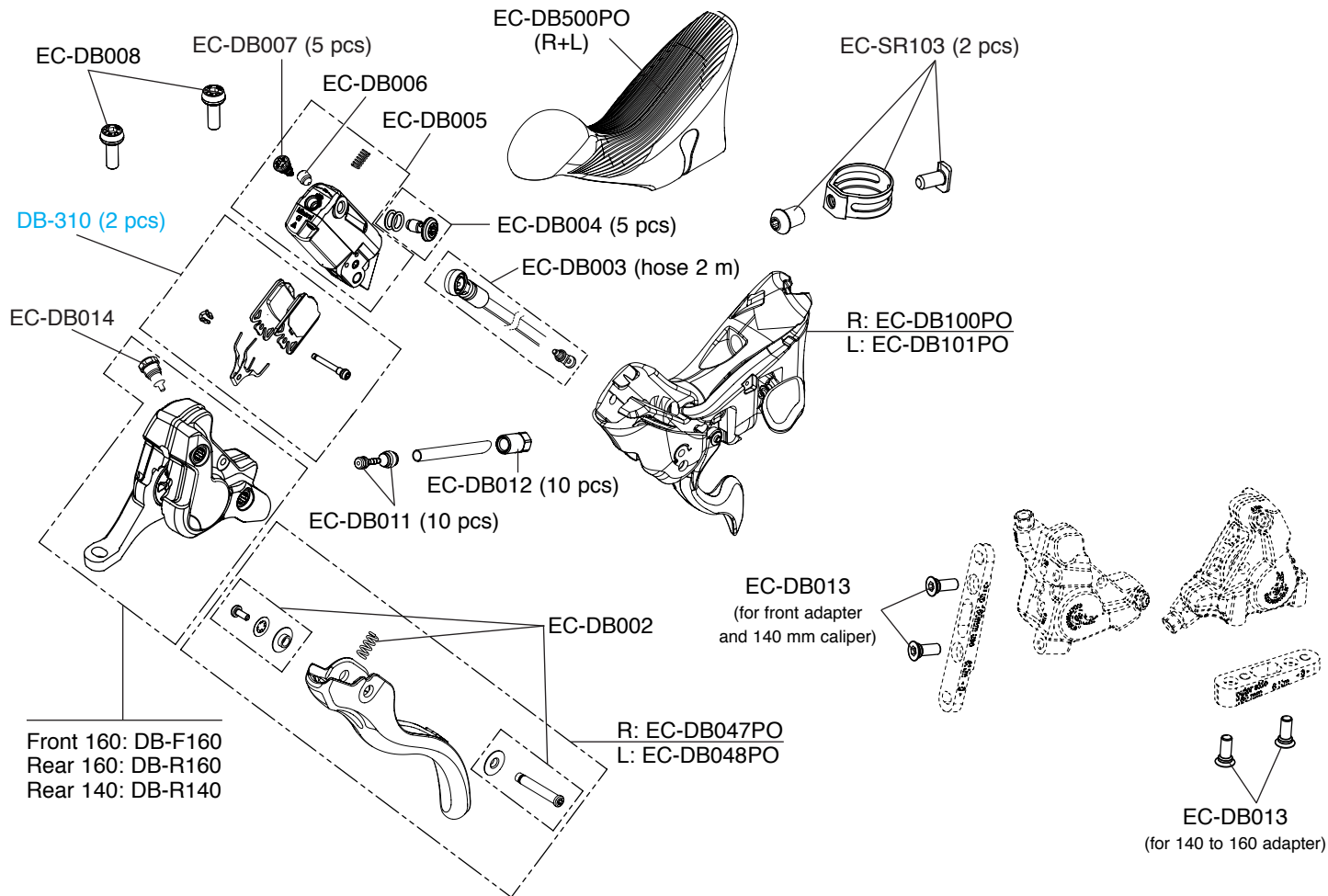
DISC BRAKES



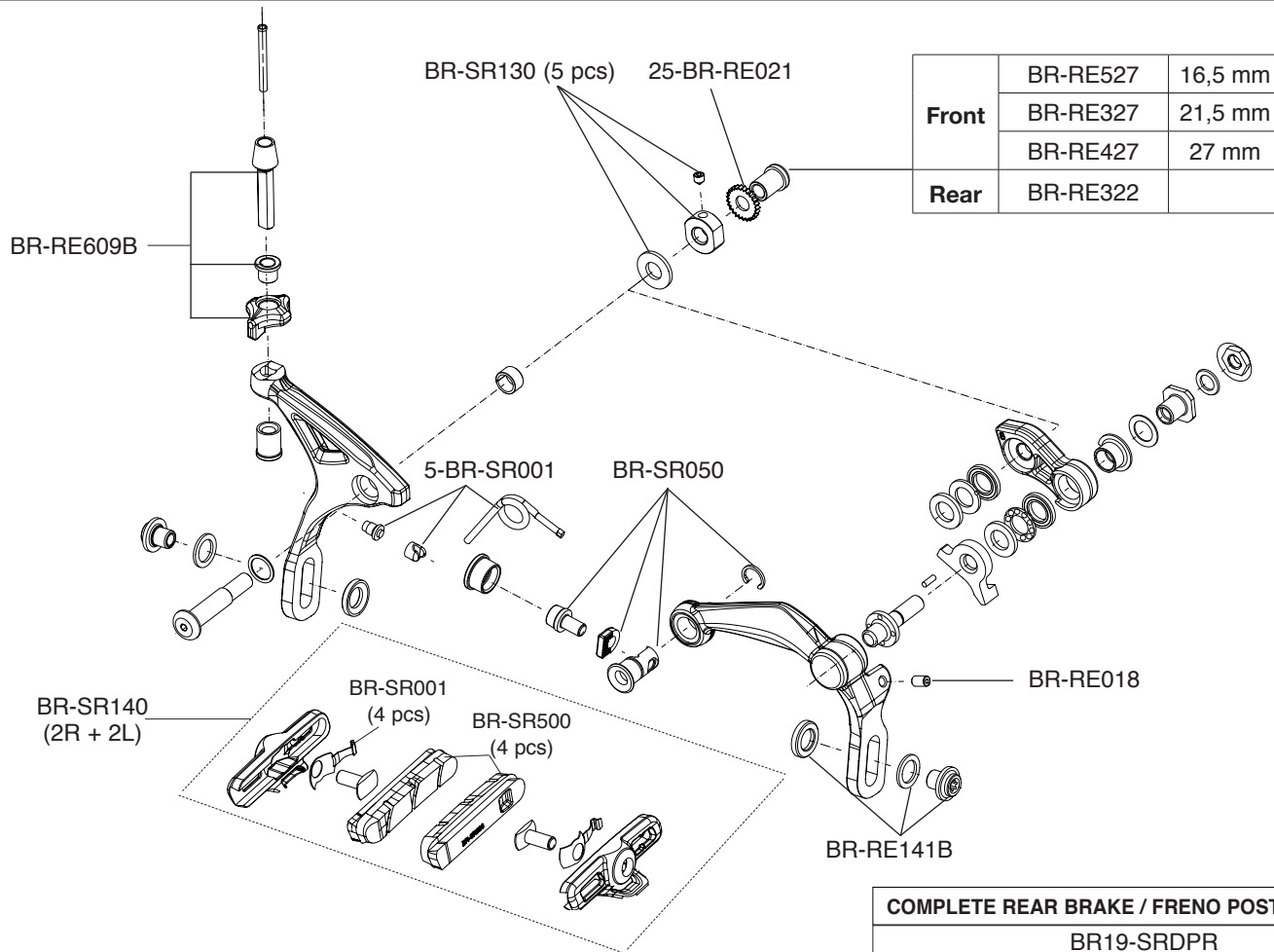
# CHORUS 12S

DISC BRAKES





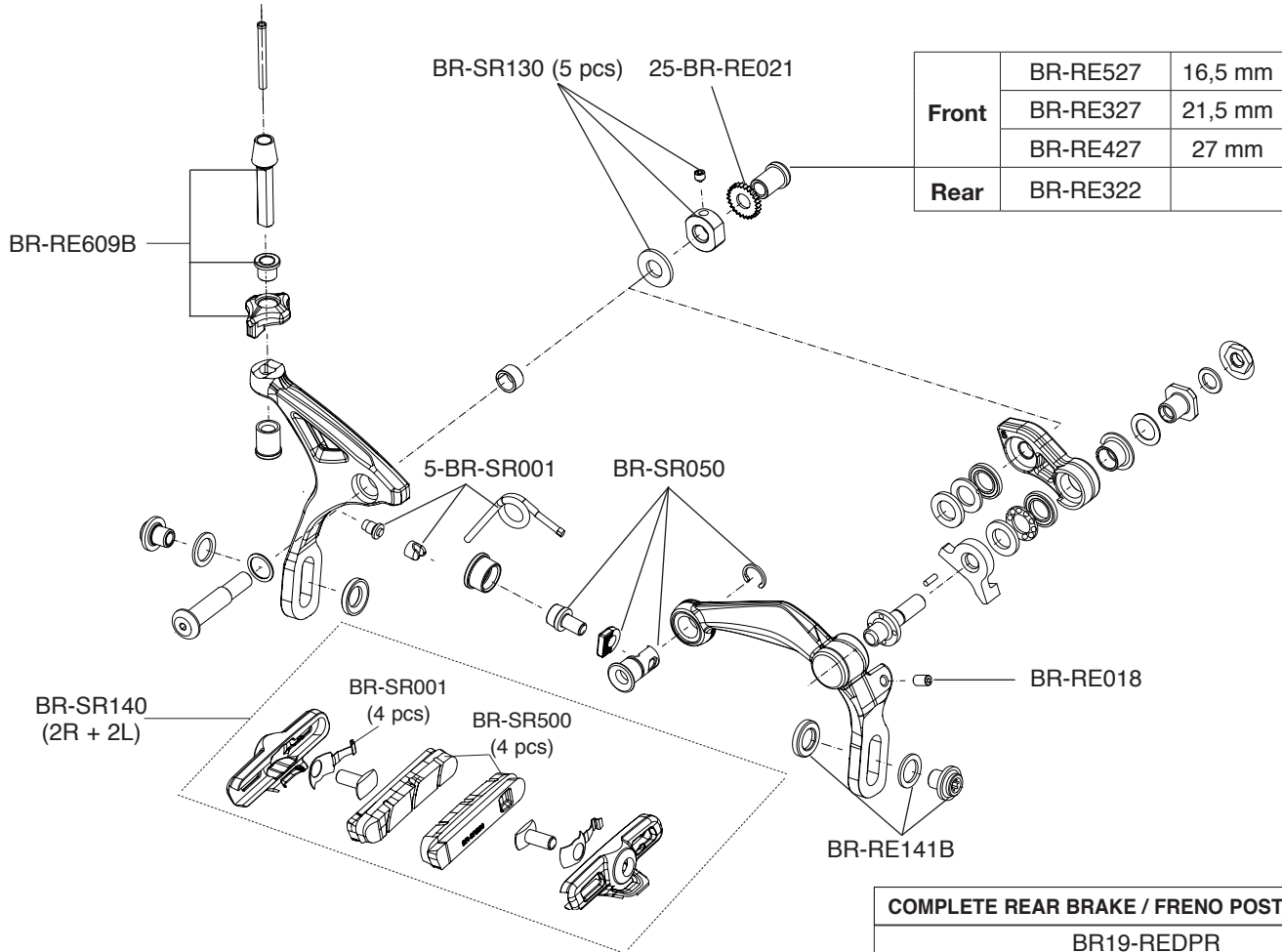
# SUPER RECORD 12S

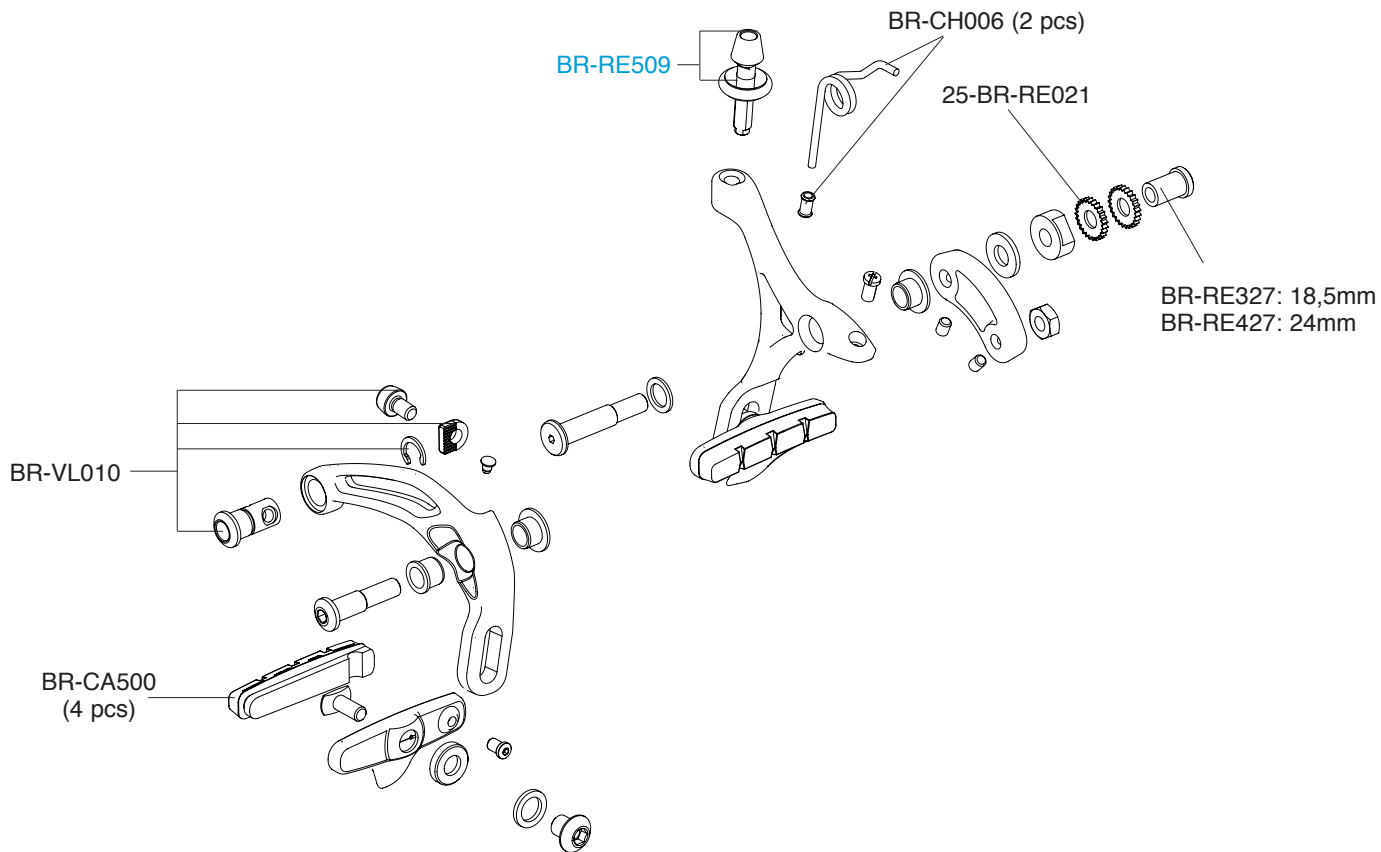


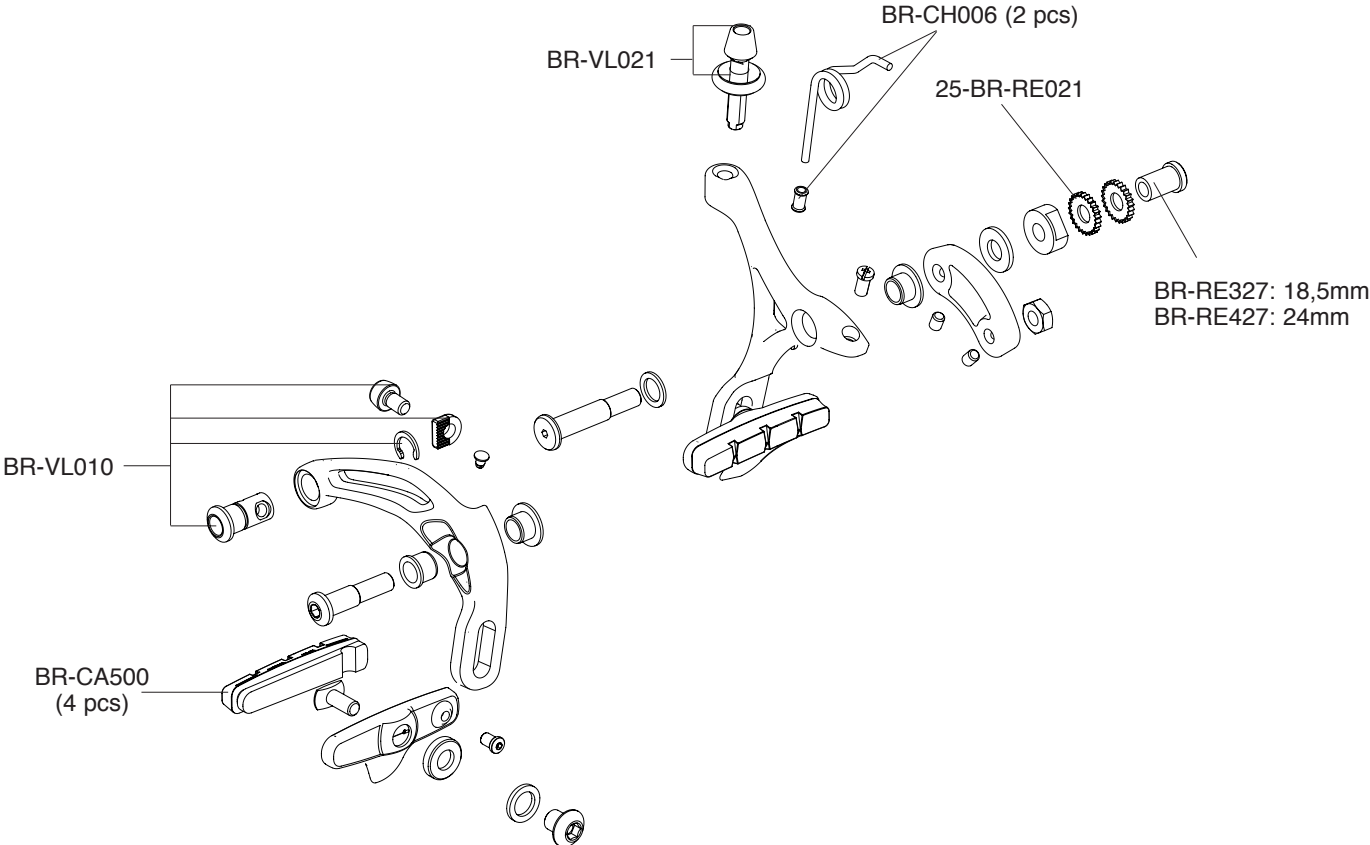
COMPLETE REAR BRAKE / FRENO POST. COMPLETO

BR19-SRDPR

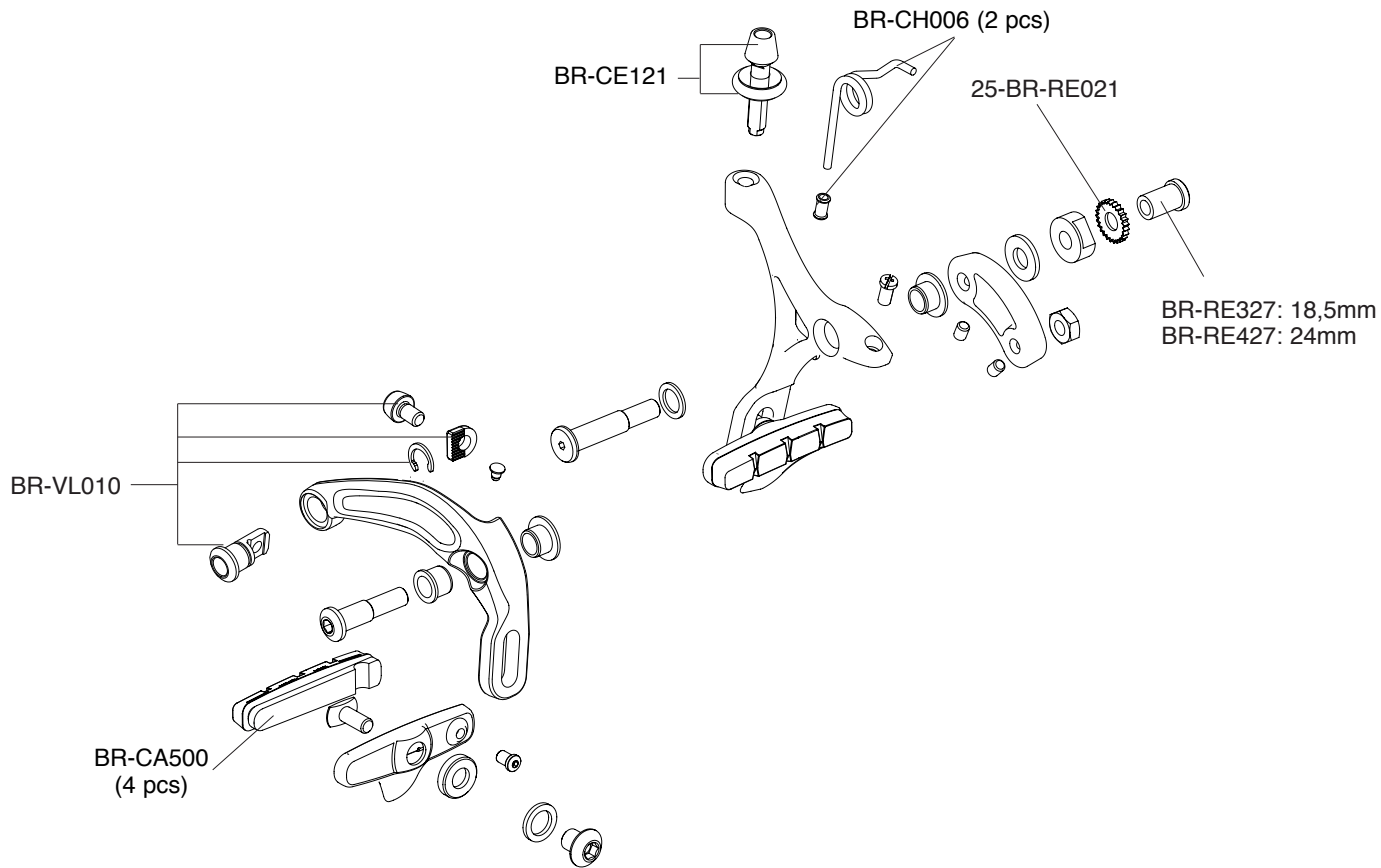
# RECORD 12S





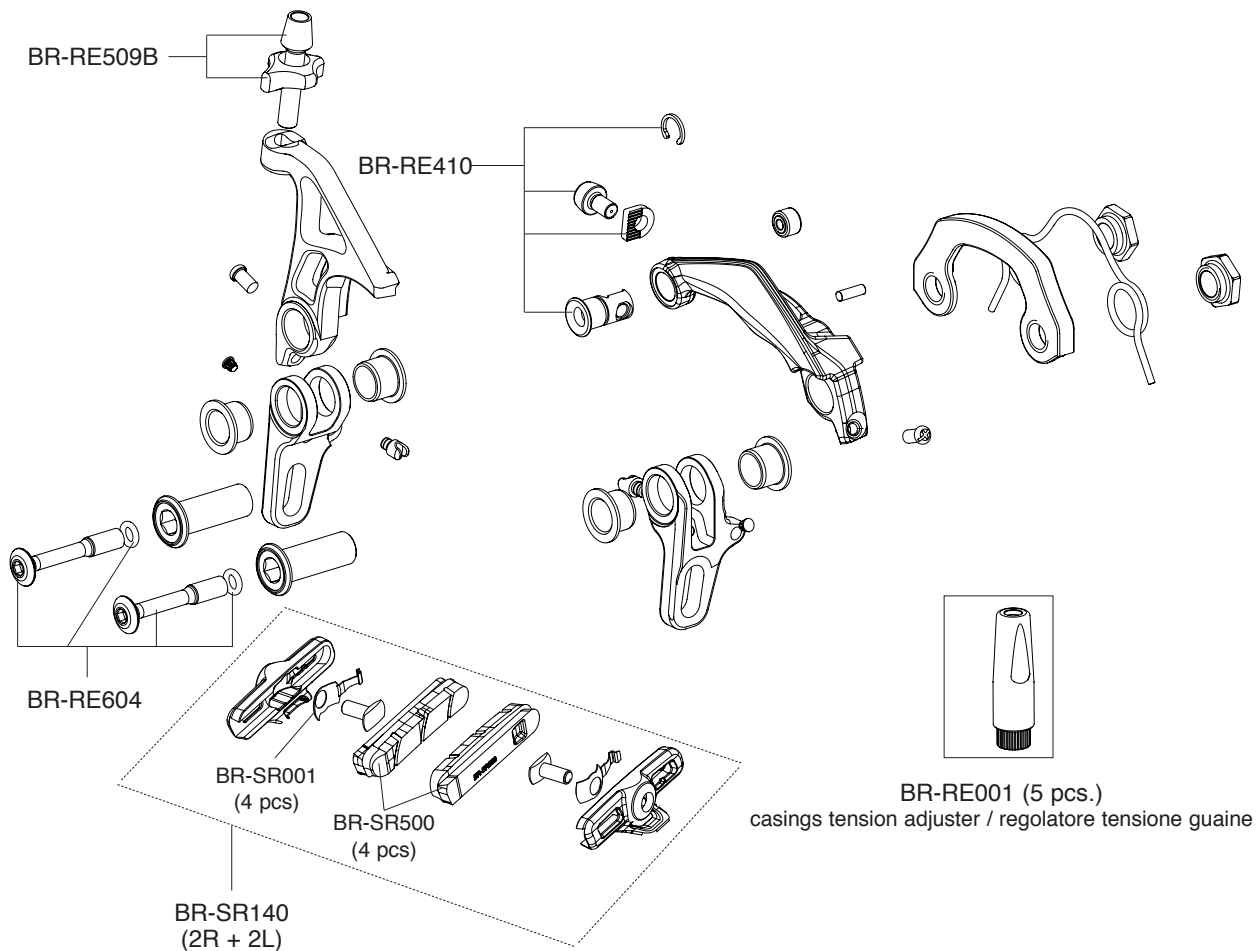


# CENTAUR

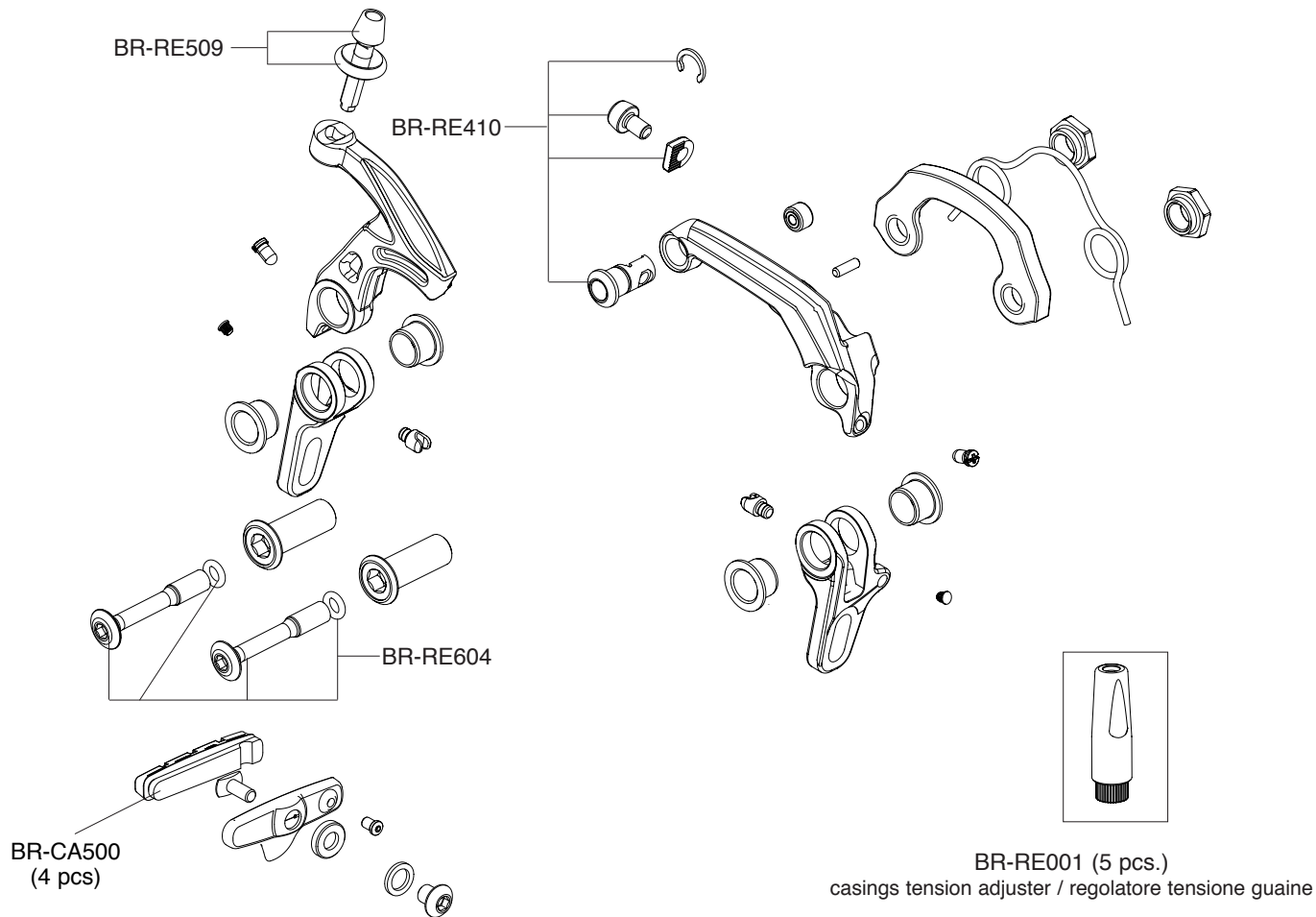




# CAMPAGNOLO DM

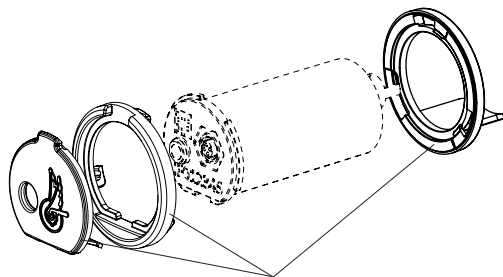


# DIRECT DM

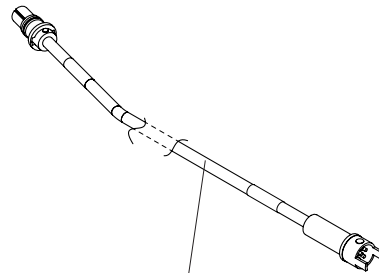


# SUPER RECORD EPS 12S

## INTERFACE IN THE HANDLEBAR

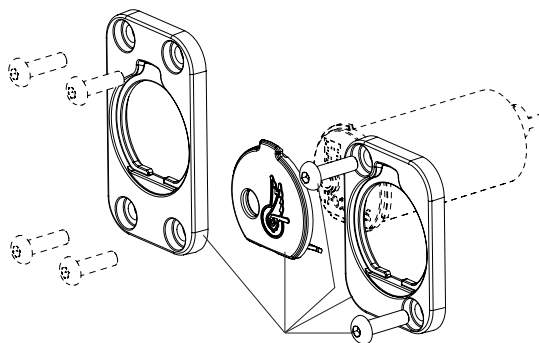


IN-1202



IN-1203

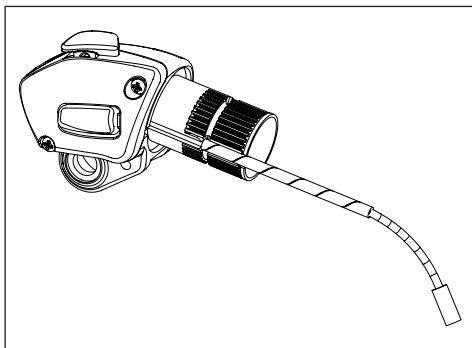
## INTERFACE IN THE FRAME



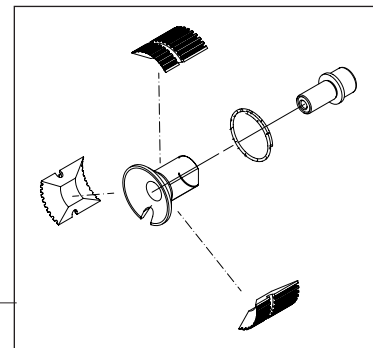
IN-1201

# BRAKING & SHIFTING LEVERS BAR-END EPS

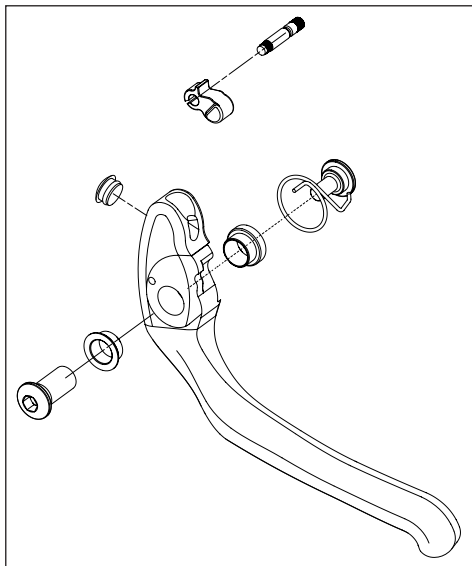
BAR-END TT EPS



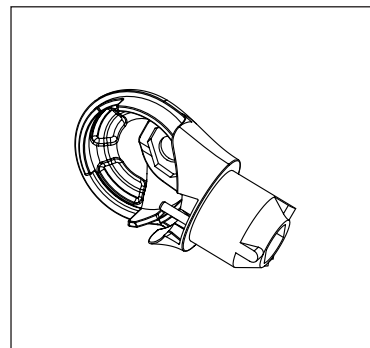
**RECORD**  
RH: BL-RETT001EPS  
LH: BL-RETT002EPS



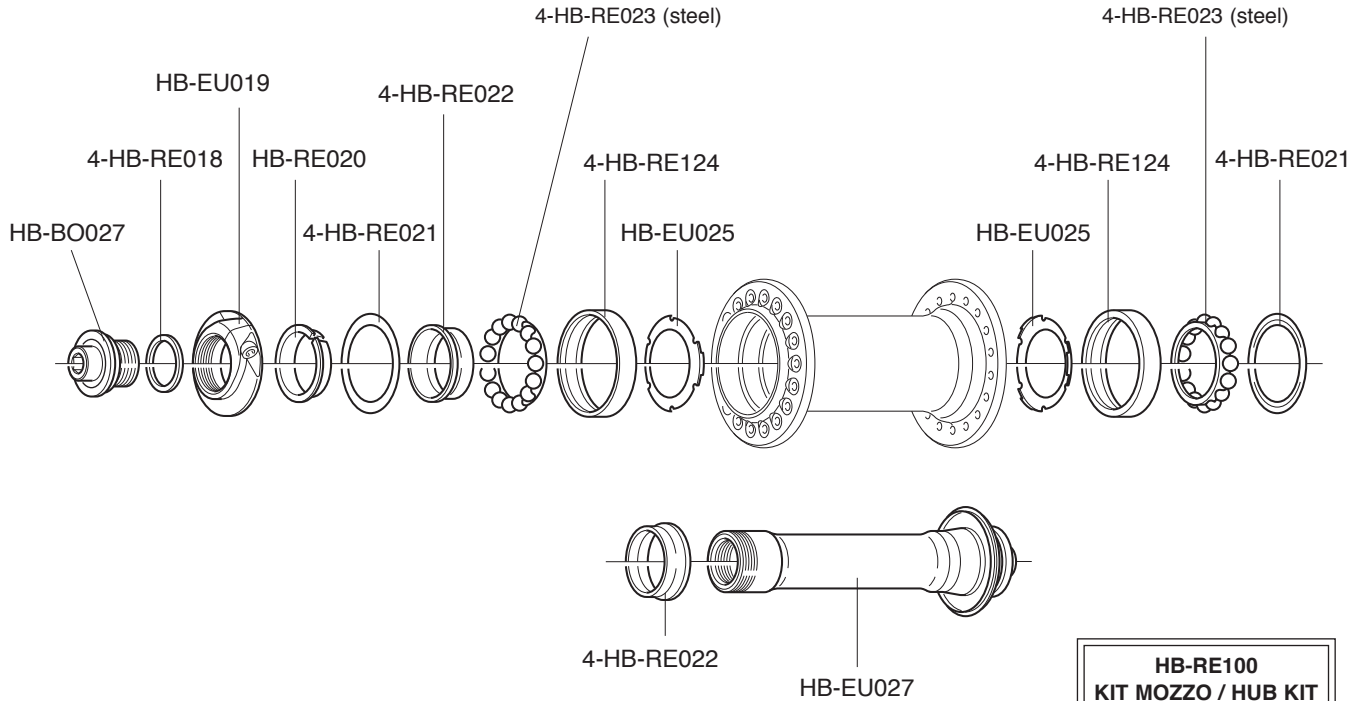
SL-TT008EPS



**RECORD**  
RH: BL-RETT003EPS  
LH: BL-RETT004EPS

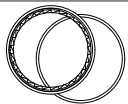


**RECORD**  
RH: SL-RETT001EPS  
LH: SL-RETT002EPS



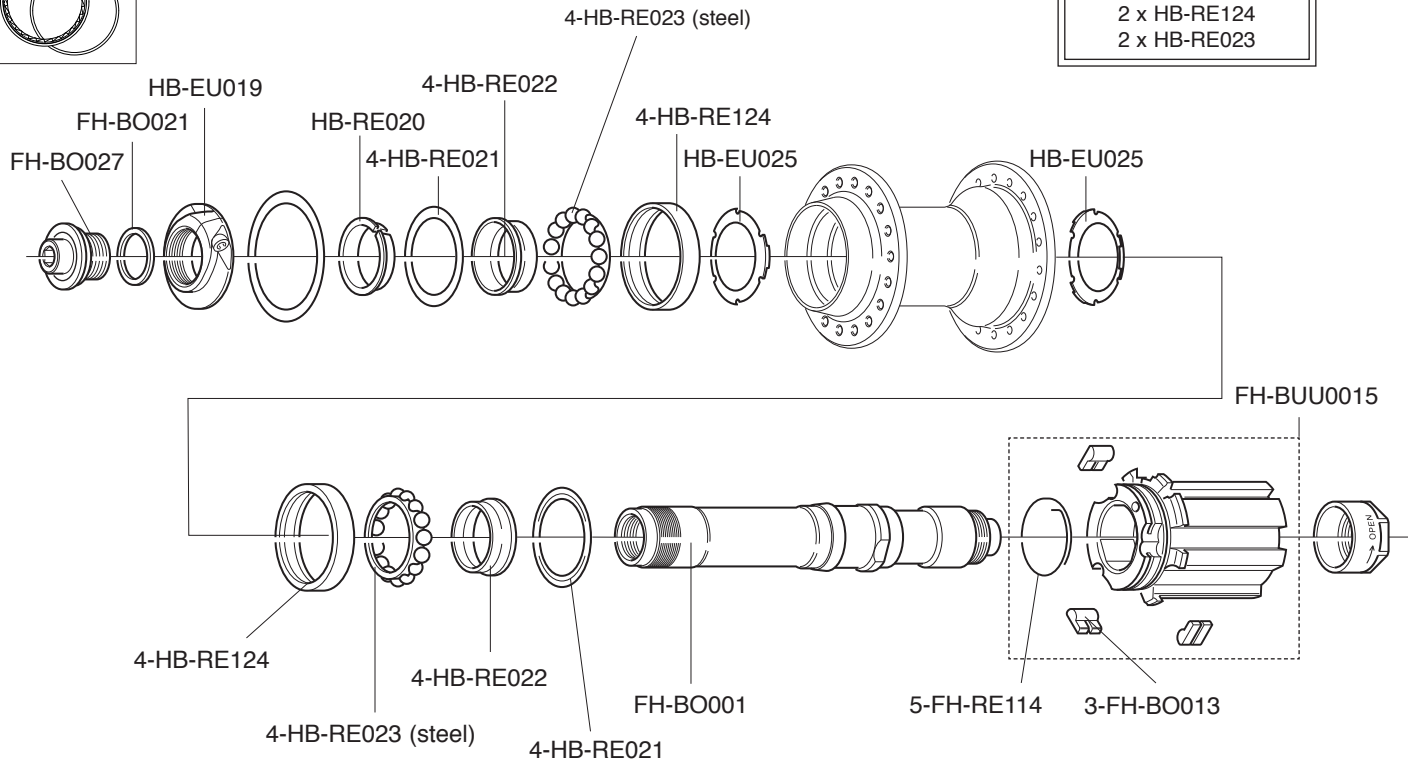
- | HB-RE100<br>KIT MOZZO / HUB KIT |          |
|---------------------------------|----------|
| 2 x                             | HB-RE021 |
| 2 x                             | HB-RE022 |
| 2 x                             | HB-RE124 |
| 2 x                             | HB-RE023 |

**HB-BO031 (3 pcs)**  
 RATCHET RING /  
 INSERTO A  
 CREMAGLIERA  
 (SERVICE CENTER only)


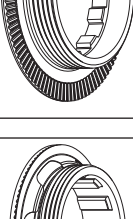
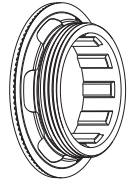
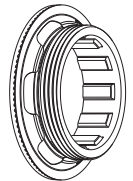
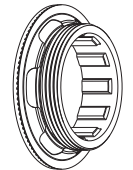


**HB-RE100**  
**KIT MOZZO / HUB KIT**

- 2 x HB-RE021
- 2 x HB-RE022
- 2 x HB-RE124
- 2 x HB-RE023



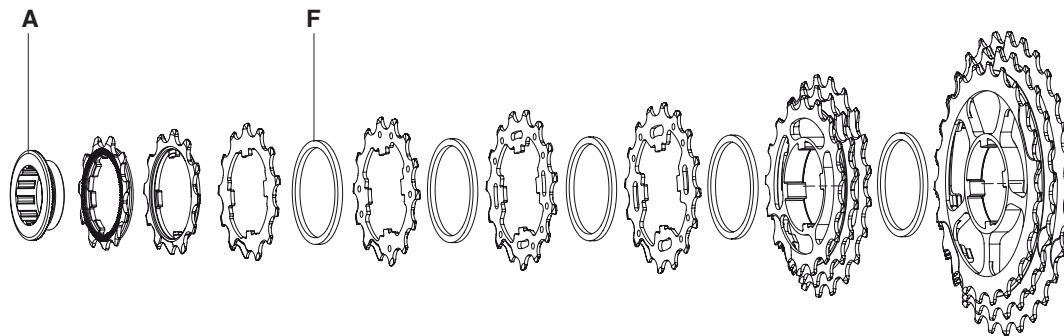
# GHIERE - LOCKRINGS - ECROUS - VERSCHLUSSRING

	CODE CODICE	TYPE TIPO	RANGE GAMMA	HUB COMPATIBILITY COMPATIBILITÀ MOZZI	
	<b>CS-401</b>	<b>9s / 10s</b> "oversize" thread/fil.: 27 x 1	steel / acciaio	2000 e succ. <b>2000 and following</b>	<b>all groups / tutti i gruppi</b> all wheels / tutte le ruote
				<b>1999</b>	<b>RECORD™ - CHORUS™</b> all wheels / tutte le ruote
	<b>CS-501</b>	<b>9s / 10s</b> "oversize" thread/fil.: 27 x 1	steel / acciaio (for Z. 11)	2000 e succ. <b>2000 and following</b>	<b>all groups / tutti i gruppi</b> all wheels / tutte le ruote
				<b>1999</b>	<b>RECORD™ - CHORUS™</b> all wheels / tutte le ruote
	<b>CS-112</b>	<b>11s</b> <i>only</i> thread/fil.: 27 x 1	alloy / alluminio	2009 e succ. <b>2009 and following</b>	<b>only 11s sprocket sets / solo pacchi pignoni 11s</b>
	<b>CS-111</b>	<b>11s</b> <i>only</i> thread/fil.: 27 x 1	alloy / alluminio (for Z. 11)	2009 e succ. <b>2009 and following</b>	<b>only 11s sprocket sets / solo pacchi pignoni 11s</b>
	<b>CS-412</b>	<b>11s</b> <i>only</i> thread/fil.: 27 x 1	steel / acciaio	2017 e succ. <b>2017 and following</b>	<b>only 11s sprocket sets / solo pacchi pignoni 11s</b>
	<b>CS-411</b>	<b>11s</b> <i>only</i> thread/fil.: 27 x 1	steel / acciaio (for Z. 11)	2017 e succ. <b>2017 and following</b>	<b>only 11s sprocket sets / solo pacchi pignoni 11s</b>
	<b>CS-511</b>	<b>12s</b> <i>only</i> thread/fil.: 27 x 1	alloy / alluminio (for Z. 11)	2019 e succ. <b>2019 and following</b>	<b>only 12 sprocket sets / solo pacchi pignoni 12s</b>

# SUPER RECORD 12S

STEEL

<b>A</b>	<b>CS-511</b>	<b>12s only</b> (for Z 11)
<b>F</b>	<b>5-CS-812</b> (5 pcs)	<b>2,0 mm</b>



<b>11 - 29</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-21A*	F	23A-26A-29A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-791		12S-369
<b>11 - 32</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-22A*	F	25A-28A-32A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-792		12S-5832
<b>11 - 34</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-22A*	F	25A-29A-34A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-792		12S-5934

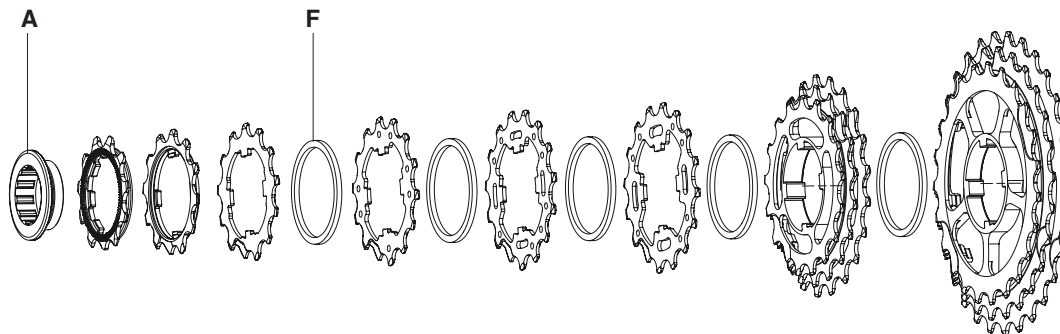
\* monoblock piece



# CHORUS 12S

STEEL

<b>A</b>	<b>CS-511</b>	<i>12s only</i> (for Z 11)
<b>F</b>	<b>5-CS-812</b> (5 pcs)	<b>2,0 mm</b>



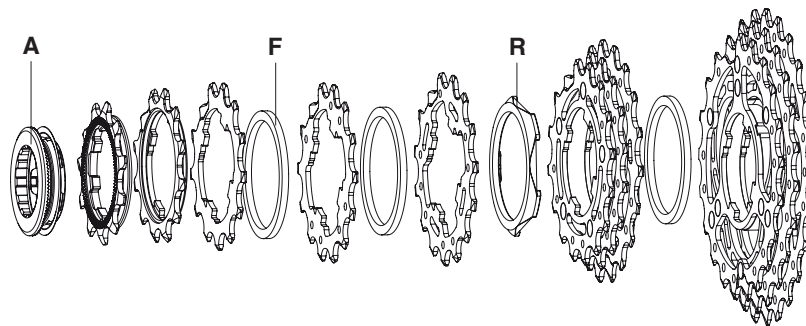
<b>11 - 29</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-21A*	F	23A-26A-29A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-CH791		12S-CH369
<b>11 - 32</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-22A*	F	25A-28A-32A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-CH792		12S-CH5832
<b>11 - 34</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	F	16A	F	17A-19A-22A*	F	25A-29A-34A*
		12S-011	12S-012	12S-013		12S-014		12S-015		12S-016		12S-CH792		12S-CH5934

\* monoblock piece

# SUPER RECORD 11S

STEEL - TITANIUM

A	CS-112	<i>11s only</i>
	CS-111	<i>11s only</i> (for Z 11)
F	2-CS-612 (2 pcs)	2,2 mm
R	2-CS-712 (2 pcs)	2,3 mm



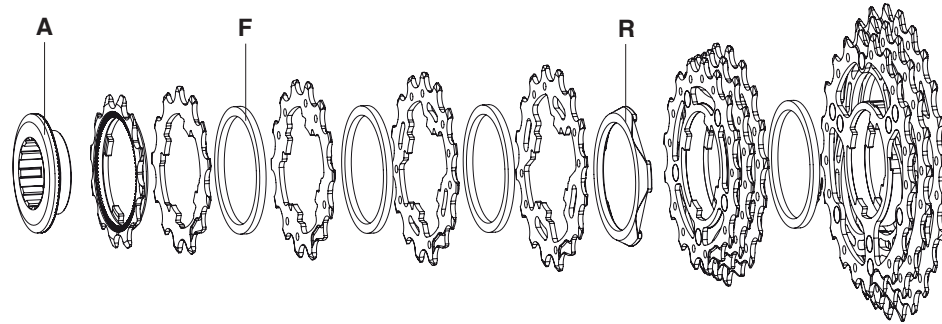
11-23	A	11A-1°	12A-2°	13A	F	14A	F	15A	R	16A-17A-18A*	F	19A-21A-23A*
		11S-011	11S-022	11S-131		11S-141		11S-151		11S-678T		11S-913T
11-25	A	11A-1°	12A-2°	13A	F	14A	F	15A	R	16A-17A-19B*	F	21B-23B-25B*
		11S-011	11S-022	11S-131		11S-141		11S-151		11S-679T		11S-135BT
11-27	A	11D-1°	12DD-2°	13D	F	14D	F	15D	R	17A-19B-21B*	F	23B-25B-27B*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-791T		11S-357T
11-29	A	11D-1°	12DD-2°	13D	F	14D	F	15D	R	17A-19B-21B*	F	23B-26C-29C*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-791T		11S-369T

\* pre-assembled

# SUPER RECORD 11S

STEEL - TITANIUM

<b>A</b>	<b>CS-112</b>	<i>11s only</i>
	<b>CS-111</b>	<i>11s only</i> (for Z 11)
<b>F</b>	<b>2-CS-612</b> (2 pcs)	<b>2,2 mm</b>
<b>R</b>	<b>2-CS-712</b> (2 pcs)	<b>2,3 mm</b>



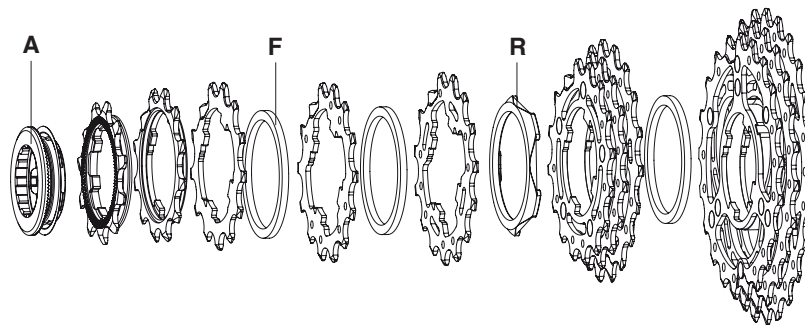
<b>12-25</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-18A-19A*	F	21A-23A-25A*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-789T		11S-135AT
<b>12-27</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-25B-27B*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791T		11S-357T
<b>12-29</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-26C-29C*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791T		11S-369T

\* pre-assembled

# RECORD 11S

STEEL - TITANIUM

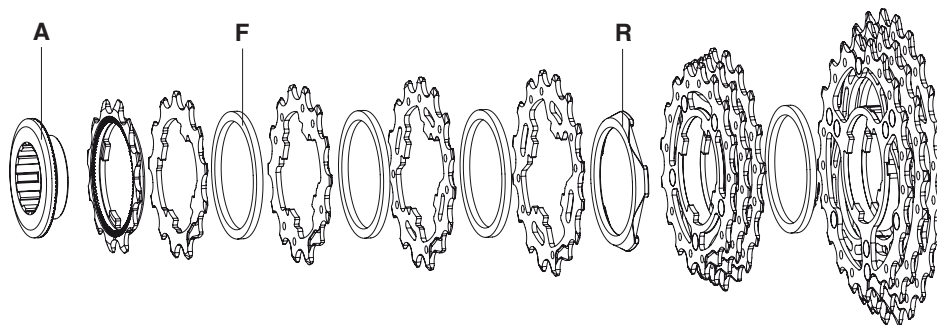
<b>A</b>	<b>CS-112</b>	<i>11s only</i>
	<b>CS-111</b>	<i>11s only</i> (for Z 11)
<b>F</b>	<b>2-CS-612</b> (2 pcs)	<b>2,2 mm</b>
<b>R</b>	<b>2-CS-712</b> (2 pcs)	<b>2,3 mm</b>



<b>11-23</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	R	16A-17A-18A*	F	19A-21A-23A*
		11S-011	11S-022	11S-131		11S-141		11S-151		11S-678		11S-913T
<b>11-25</b>	A	11A-1°	12A-2°	13A	F	14A	F	15A	R	16A-17A-19B*	F	21B-23B-25B*
		11S-011	11S-022	11S-131		11S-141		11S-151		11S-679		11S-135BT
<b>11-27</b>	A	11D-1°	12DD-2°	13D	F	14D	F	15D	R	17A-19B-21B	F	23B-25B-27B*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-791		11S-357T
<b>11-29</b>	A	11D-1°	12DD-2°	13D	F	14D	F	15D	R	17A-19B-21B	F	23B-26C-29C*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-791		11S-369T

\* pre-assembled

<b>A</b>	<b>CS-112</b>	<i>11s only</i>
	<b>CS-111</b>	<i>11s only</i> (for Z 11)
<b>F</b>	<b>2-CS-612</b> (2 pcs)	<b>2,2 mm</b>
<b>R</b>	<b>2-CS-712</b> (2 pcs)	<b>2,3 mm</b>



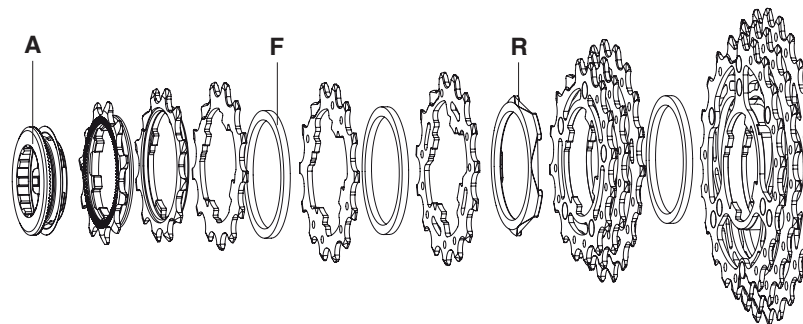
<b>12-25</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-18A-19A*	F	21A-23A-25A*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-789		11S-135AT
<b>12-27</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-25B-27B*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791		11S-357T
<b>12-29</b>	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-26C-29C*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791		11S-369T

\* pre-assembled

# CHORUS 11S

STEEL

<b>A</b>	<b>CS-112</b>	<b>11s only</b>
	<b>CS-111</b>	<b>11s only</b> (for Z 11)
<b>F</b>	<b>2-CS-612</b> (2 pcs)	<b>2,2 mm</b>
<b>R</b>	<b>2-CS-712</b> (2 pcs)	<b>2,3 mm</b>



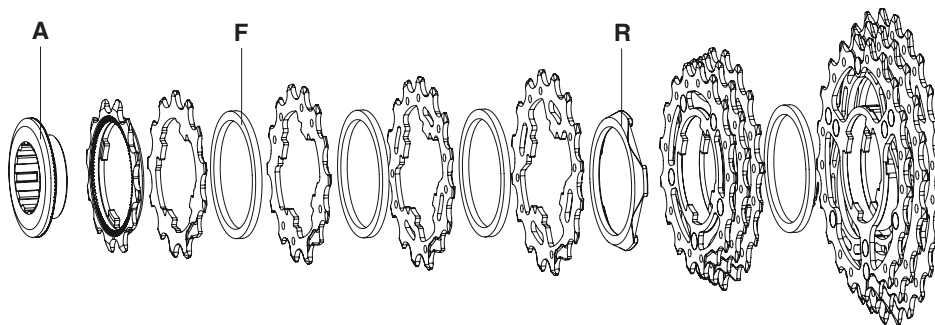
<b>11-23</b>	<b>A</b>	<b>11A-1°</b>	<b>12A-2°</b>	<b>13A</b>	<b>F</b>	<b>14A</b>	<b>F</b>	<b>15A</b>	<b>R</b>	<b>16A-17A-18A*</b>	<b>F</b>	<b>19A-21A-23A*</b>
		<b>11S-011</b>	<b>11S-022</b>	<b>11S-131</b>		<b>11S-141</b>		<b>11S-151</b>		<b>11S-678</b>		<b>11S-913</b>
<b>11-25</b>	<b>A</b>	<b>11A-1°</b>	<b>12A-2°</b>	<b>13A</b>	<b>F</b>	<b>14A</b>	<b>F</b>	<b>15A</b>	<b>R</b>	<b>16A-17A-19B*</b>	<b>F</b>	<b>21B-23B-25B*</b>
		<b>11S-011</b>	<b>11S-022</b>	<b>11S-131</b>		<b>11S-141</b>		<b>11S-151</b>		<b>11S-679</b>		<b>11S-135B</b>
<b>11-27</b>	<b>A</b>	<b>11D-1°</b>	<b>12DD-2°</b>	<b>13D</b>	<b>F</b>	<b>14D</b>	<b>F</b>	<b>15D</b>	<b>R</b>	<b>17A-19B-21B</b>	<b>F</b>	<b>23B-25B-27B</b>
		<b>11S-111</b>	<b>11S-124</b>	<b>11S-134</b>		<b>11S-144</b>		<b>11S-154</b>		<b>11S-791</b>		<b>11S-357</b>
<b>11-29</b>	<b>A</b>	<b>11D-1°</b>	<b>12DD-2°</b>	<b>13D</b>	<b>F</b>	<b>14D</b>	<b>F</b>	<b>15D</b>	<b>R</b>	<b>17A-19B-21B</b>	<b>F</b>	<b>23B-26C-29C*</b>
		<b>11S-111</b>	<b>11S-124</b>	<b>11S-134</b>		<b>11S-144</b>		<b>11S-154</b>		<b>11S-791</b>		<b>11S-369</b>

\* pre-assembled

# CHORUS 11S

STEEL

<b>A</b>	<b>CS-112</b>	<i>11s only</i>
	<b>CS-111</b>	<i>11s only</i> (for Z 11)
<b>F</b>	<b>2-CS-612</b> (2 pcs)	<b>2,2 mm</b>
<b>R</b>	<b>2-CS-712</b> (2 pcs)	<b>2,3 mm</b>



12-25	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-18A-19A*	F	21A-23A-25A*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-789		11S-135A
12-27	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-25B-27B*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791		11S-357
12-29	A	12A-1°	13A	F	14A	F	15A	F	16A	R	17A-19B-21B*	F	23B-26C-29C*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-791		11S-369

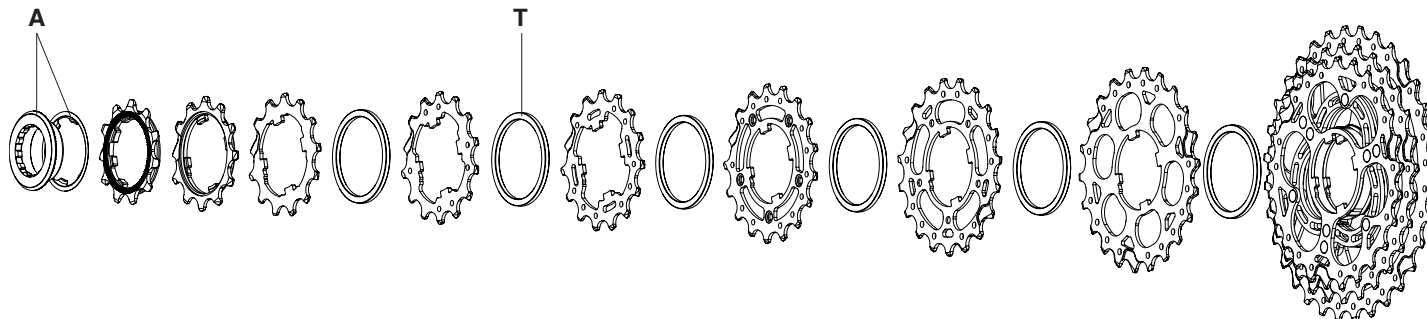
\* pre-assembled

# CAMPAGNOLO 11S

STEEL

<b>A</b>	<b>CS-411</b>	<b>11s only</b> (for Z 11)	steel/acciaio
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<b>T</b>	<b>CS-022</b> (6 pcs)	<b>2,2 mm</b>
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11-25	A	11A-1	12A-2	13A	T	14A	T	15A	T	16ASF	T	17ASF	T	19BSP	T	21B-23B-25B*
		11S-011	11S-022	11S-131		11S-141		11S-151		11S-16ASF		11S-17ASF		10S-192		11S-135B
11-27	A	11D-1	12DD-2	13D	T	14D	T	15D	T	17ASF	T	19BSP	T	21BSP	T	23B-25B-27B*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-17ASF		10S-192		10S-212		11S-357
11-29	A	11D-1	12DD-2	13D	T	14D	T	15D	T	17ASF	T	19BSP	T	21BSP	T	23B-26C-29C*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-17ASF		10S-192		10S-212		11S-369
11-32	A	11D-1	12DD-2	13D	T	14D	T	15D	T	17ASF	T	19BSP	T	22E	T	25E-28E-32E*
		11S-111	11S-124	11S-134		11S-144		11S-154		11S-17ASF		10S-192		11S-22E		11S-582

\* pre-assembled

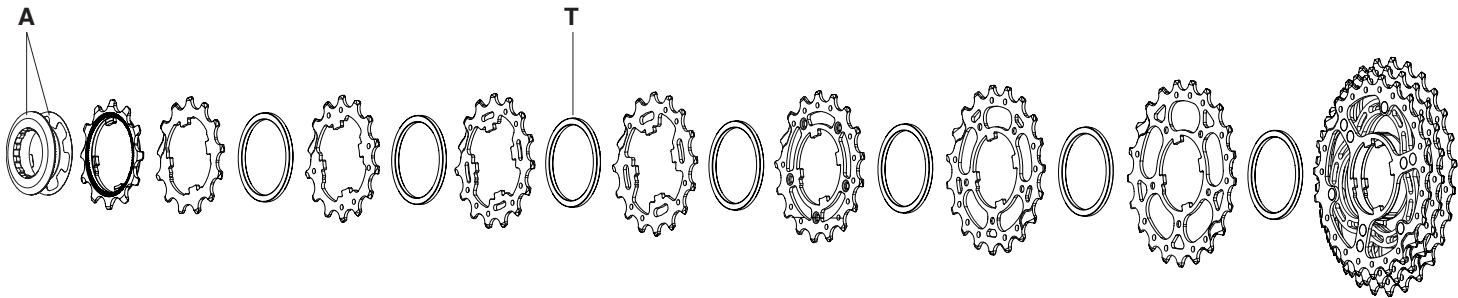


# CAMPAGNOLO 11S

STEEL

<b>A</b>	<b>CS-412</b>	<b>11s only</b> (for Z 12)	steel/acciaio
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<b>T</b>	<b>CS-022</b> (6 pcs)	<b>2,2 mm</b>
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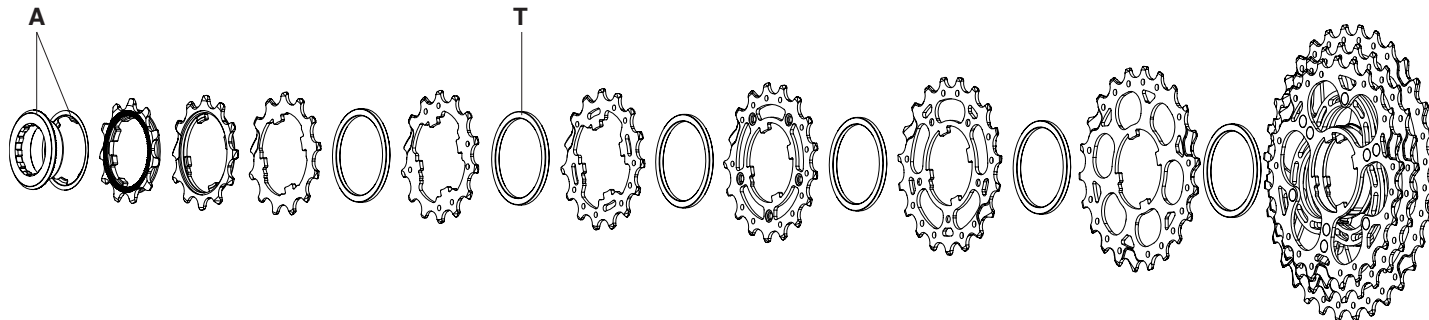
<b>12-27</b>	<b>A</b>	12A-1	13A	<b>T</b>	14A	<b>T</b>	15A	<b>T</b>	16A	<b>T</b>	17ASF	<b>T</b>	19BSP	<b>T</b>	21BSP	<b>T</b>	23B-25B-27B*
		11S-012	11S-131		11S-141		11S-151		11S-161		11S-17ASF		10S-192		10S-212		11S-357

\* pre-assembled

# CENTAUR 11S

STEEL

<b>A</b>	<b>CS-411</b>	<b>11s only</b> (for Z 11)	steel/acciaio
<b>T</b>	<b>CS-022</b> (6 pcs)	<b>2,2 mm</b>	



11-29	A	11D-1	12DD-2	13D	T	14D	T	15D	T	17ASF1	T	19BSP1	T	21BSP1	T	Not available
		11S-111	11S-124	11S-1341		11S-1441		11S-1541		11S-17ASF1		11S-19BSP1		11S-21BSP1		
11-32	A	11D-1	12DD-2	13D	T	14D	T	15D	T	17ASF1	T	19BSP1	T	22E	T	Not available
		11S-111	11S-124	11S-1341		11S-1441		11S-1541		11S-17ASF1		11S-19BSP1		11S-225		

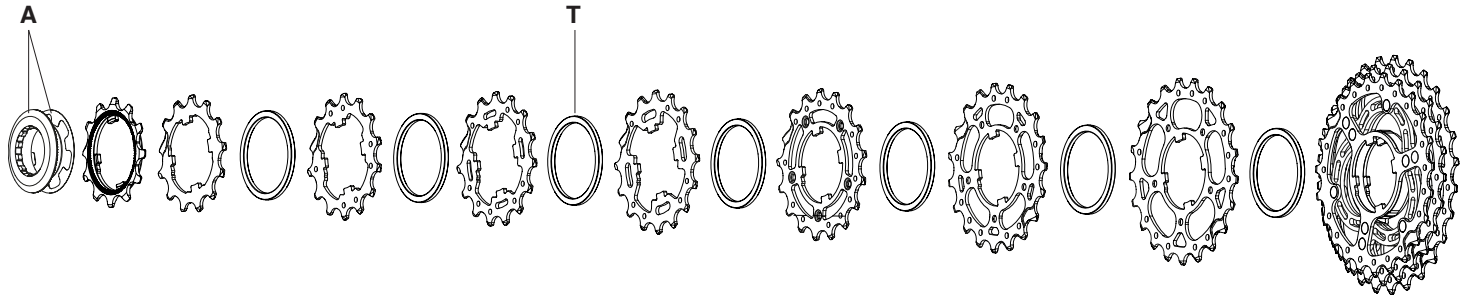
\* pre-assembled

# CENTAUR 11S

STEEL

<b>A</b>	<b>CS-412</b>	<b>11s only</b> (for Z 12)	steel/acciaio
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<b>T</b>	<b>CS-022</b> (6 pcs)	<b>2,2 mm</b>
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12-32	A	12A-1	13A	T	14A	T	15A	T	16A	T	17ASF1	T	19BSP1	T	22E	T	Not available
		11S-012	11S-1311		11S-1411		11S-1511		11S-1611		11S-17ASF1		11S-19BSP1		11S-225		

\* pre-assembled

# CENTAUR 10S

VELOCE 10S COMPATIBLE

## DISTANZIALI / SPACERS

**G** = CS-602 (2,55 mm)

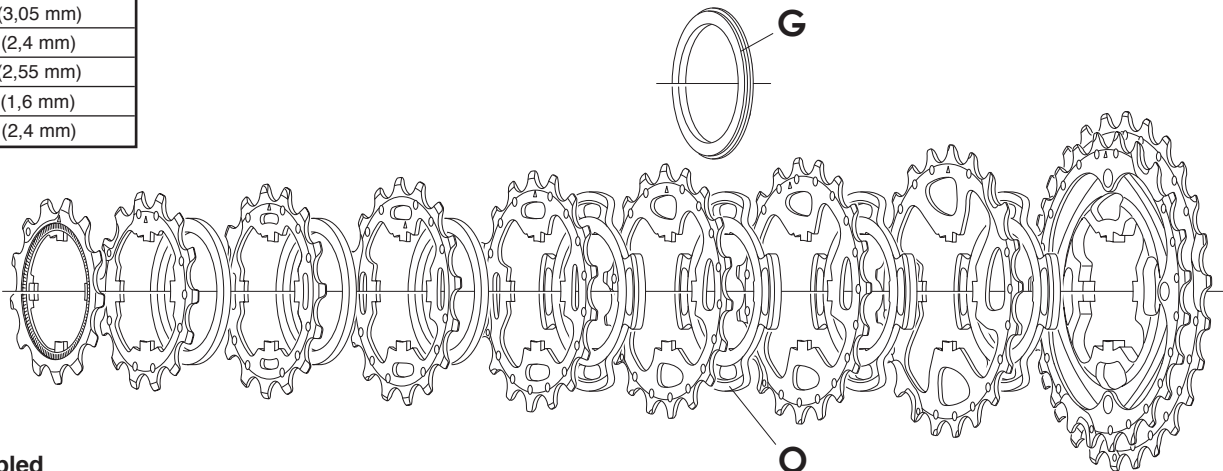
**M** = CS-606 (3,05 mm)

**N** = CS-607 (2,4 mm)

**O** = CS-609 (2,55 mm)

**P** = CS-608 (1,6 mm)

**Q** = CS-610 (2,4 mm)



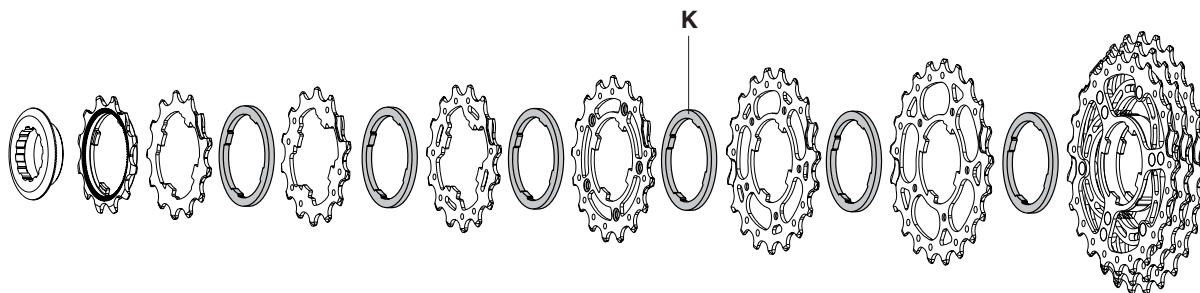
\* pre-assembled

11 - 23	11A-1° 10S-011	12A-2° 10S-022		13A 10S-131	Q	14A 10S-141	Q	15A 10S-151	Q	16A 10S-161	G	17A 10S-171	N	19A 10S-191	M	21A-23A* 10S-13A		
11 - 25	11A-1° 10S-011	12A-2° 10S-022		13A 10S-131	Q	14A 10S-141	Q	15A 10S-151	Q	17G 10S-177	O	19G 10S-197	N	21G 10S-217	M	23G-25G* 10S-35G		
12 - 25	12A-1° 10S-032	13A 10S-131	Q	14A 10S-141	Q	15A 10S-151	Q	16A 10S-161	Q	17A 10S-171	O	19A 10S-191	N	21A 10S-211	M	23A-25A* 10S-35A		
13 - 26	13A-1° 10S-023	14A 10S-141	Q	15A 10S-151	Q	16A 10S-161	Q	17A 10S-171	N	18C 10S-183	O	19C 10S-193	N	21C 10S-213	M	23C-26C* 10S-36C		
13 - 29	13A-1° 10S-023	14A 10S-141	Q	15A 10S-151	Q	16A 10S-161	Q	17A 10S-171	N	19A 10S-191	O	21A 10S-211	N	23A 10S-231	M	26A-29A* 10S-69A		
14 - 23	14A-1° 10S-014	15A 10S-151	Q	16A 10S-161	Q	17A 10S-171	Q	18C 10S-183	N	19C 10S-193	O	20D 10S-204	N	21D 10S-214	N	22D 10S-224	P	23D 10S-234

# CENTAUR 10S

STEEL

<b>K</b>	<b>2-CS-812</b> (2 pcs)	<b>2,55 mm</b>
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<b>12 - 27</b>	<b>12D-1°</b> 10S-042	<b>13D</b> 10S-134	<b>K</b>	<b>14D</b> 10S-144	<b>K</b>	<b>15D</b> 10S-154	<b>K</b>	<b>17A</b> 10S-17127	<b>K</b>	<b>19B</b> 10S-192	<b>K</b>	<b>21B</b> 10S-212	<b>K</b>	<b>23B-25B-27B*</b> 10S-357
<b>12 - 30</b>	<b>12D-1°</b> 10S-042	<b>13D</b> 10S-134	<b>K</b>	<b>14D</b> 10S-144	<b>K</b>	<b>15D</b> 10S-154	<b>K</b>	<b>17A</b> 10S-17127	<b>K</b>	<b>19B</b> 10S-192	<b>K</b>	<b>21B</b> 10S-212	<b>K</b>	<b>24B-27B-30B*</b> 10S-470

\* pre-assembled






# ULTRA-SHIFT

FOR ERGOPOWER CONTROL LEVERS

## 12s DERAILLEURS COMPLETE SET

BLACK

CG-FRD700

			FRONT	REAR
BRAKES	12s		Ø 1,6 mm L. 800 mm <b>CG-CB003</b>	Ø 1,6 mm L. 1600 mm <b>10-CG-CB013 (10 pcs.)</b>
DERAILLEURS	12s		Ø 5,7 mm <b>10-CG-CS200</b> (sealed / con guarnizione - 10 pcs.)	
		 Ø 1,2 mm	<b>10-CG-RD700</b> L. 2100 mm derailleur cable + L. 360 mm housing (10 pcs.)	
			<b>10-CG-RD701</b> L. 25 m The Maximum Smoothness housing	
			<b>CG-CB101</b> (cable tension adjuster / regolatore tensione cavo - 5 pcs.)	





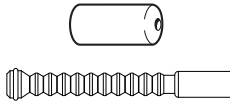
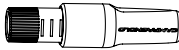
# ULTRA-SHIFT & POWER-SHIFT

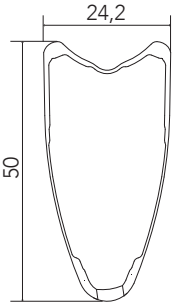

FOR ERGOPOWER CONTROL LEVERS

10s / 11s BRAKE AND DERAILLEURS COMPLETE SET

BLACK

CG-ER600

			FRONT	REAR
BRAKES	10s / 11s		Ø 1,6 mm L. 800 mm <b>CG-CB003</b>	Ø 1,6 mm L. 1600 mm <b>10-CG-CB013</b> (10 pcs.)
DERAILLEURS	10s / 11s	 Ø 1,2 mm	L. 1600 <b>CG-CB014</b>	
			L. 2000 <b>10-CG-CB009</b> (10 pcs.)	
			Ø 5,7 mm <b>10-CG-CS112</b> (sealed / con guarnizione - 10 pcs.)	
			Ø 5,7/4 mm <b>5-CG-CS113</b> (sealed / con guarnizione - 5 pcs. + bellows - 1 pc)	
			Ø 5,7 mm <b>CG-CS212</b> (sealed / con guarnizione - 25 pcs.)	
		<b>CG-CB101</b> (cable tension adjuster / regolatore tensione cavo - 5 pcs.)		

RIM		
	FRONT RIM	WH-101BO50 (bright) / WH-101BO50DK (dark)
	REAR RIM	WH-102BO50 (bright) / WH-102BO50DK (dark)
	VALVE HOLE	6,5 mm
	VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
	VALVE EXTENSION	UT-HU150
	DIAMETER	634 mm
	BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

SPOKES		
FRONT / REAR LH SPOKE	WH-016BOT50	4 spokes + 4 nipples
REAR RH SPOKE	WH-019BOT50	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

ACCESSORIES		
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>

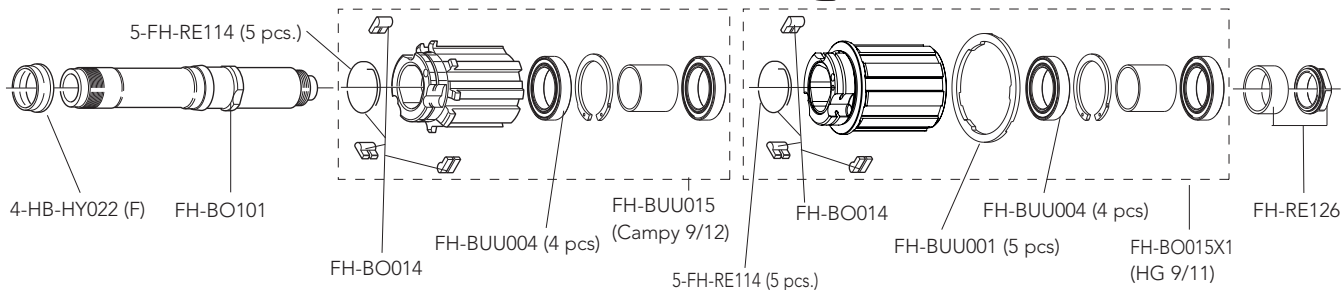
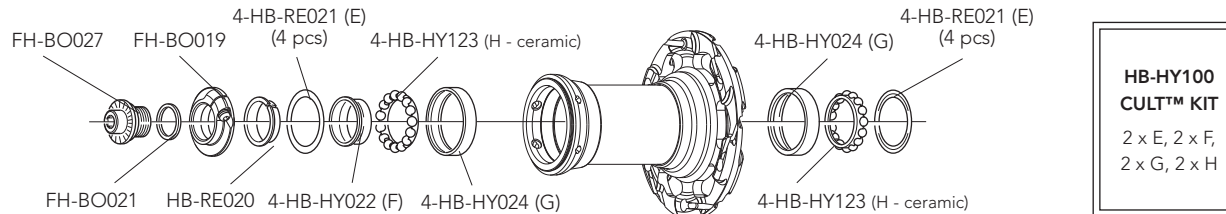
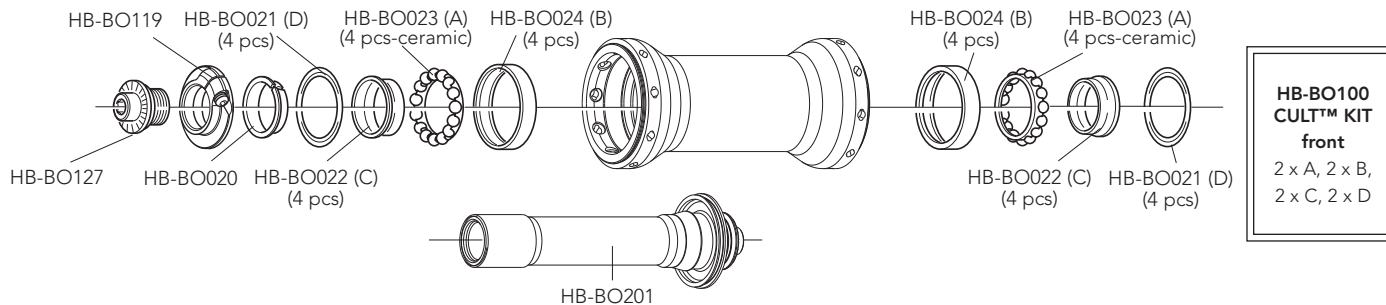
## WARNING!

Because of the high temperatures reached when braking, we recommend you use only glue for tubular tires specifically for carbon fibre rims.

A causa delle alte temperature raggiunte in frenata, vi consigliamo di utilizzare solamente colla per tubolari che sia specifica per i soli cerchi in fibra di carbonio.



## HUBS

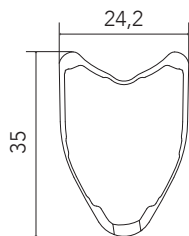



QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



FRONT RIM	WH-201BO35 (bright) - WH-201BO35DK (dark)
REAR RIM	WH-202BO35 (bright) - WH-202BO35DK (dark)
VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	634 mm
BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

## SPOKES

FRONT / REAR LH SPOKE	WH-020BOC35	4 spokes + 4 nipples
REAR RH SPOKE	WH-021BOC35	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

## ACCESSORIES

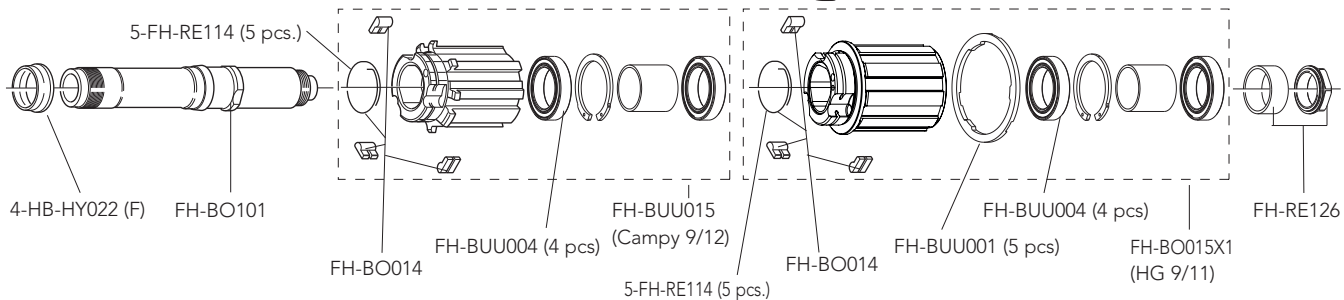
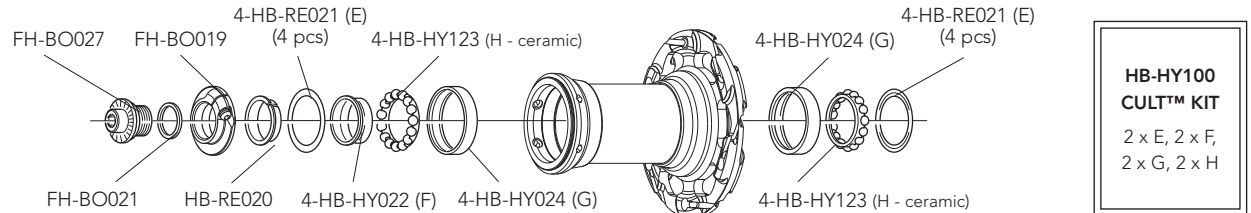
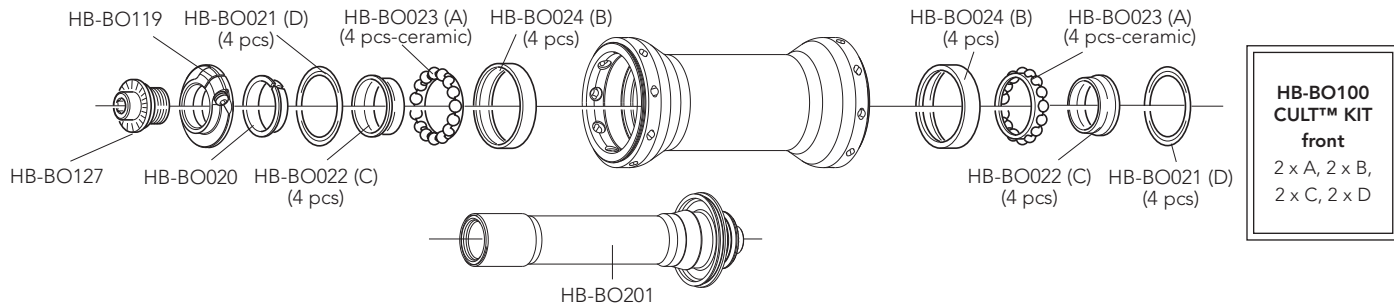
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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## WARNING!

Because of the high temperatures reached when braking, we recommend you use only glue for tubular tires specifically for carbon fibre rims.

A causa delle alte temperature raggiunte in frenata, vi consigliamo di utilizzare solamente colla per tubolari che sia specifica per i soli cerchi in fibra di carbonio.

## HUBS

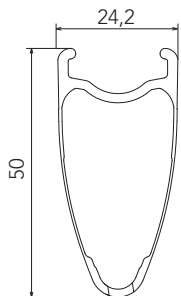



QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



FRONT RIM	WH-103BO50 (bright) / WH-103BO50DK (dark)
REAR RIM	WH-104BO50 (bright) / WH-104BO50DK (dark)
VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
VALVE EXTENSION	UT-HU150
DIAMETER	700C (622 x 17C)
BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

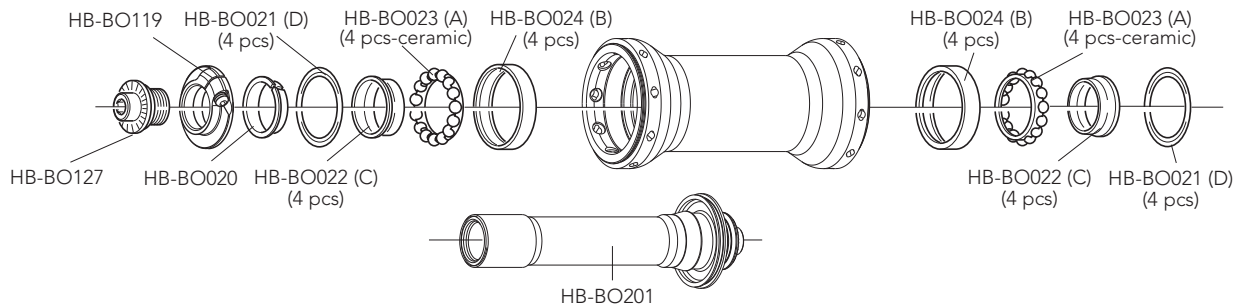
## SPOKES

FRONT / REAR LH SPOKE	WH-016BOT50	4 spokes + 4 nipples
REAR RH SPOKE	WH-019BOT50	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

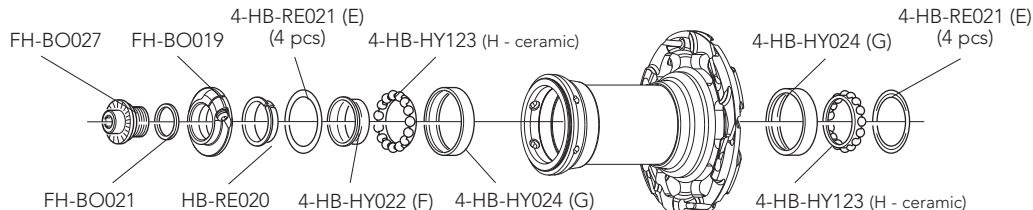
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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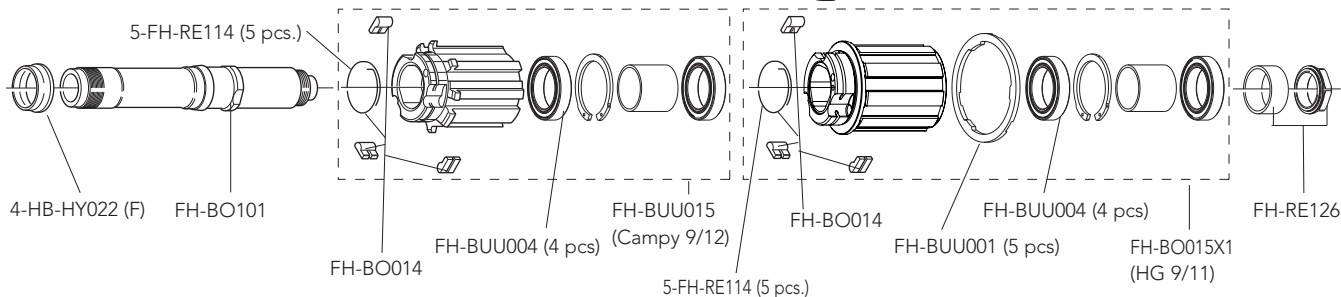
## HUBS



**HB-BO100  
CULT™ KIT**  
front  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-HY100  
CULT™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H



QUICK-RELEASES

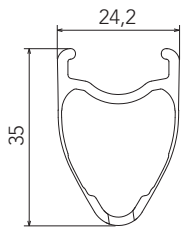
QR12-BUUBFR


front + rear

# BORA ULTRA 35

CLINCHER

## RIM



FRONT RIM	WH-103BO35 (bright) - WH-103BO35DK (dark)
REAR RIM	WH-104BO35 (bright) - WH-104BO35DK (dark)
VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	700C (622 x 17C)
BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

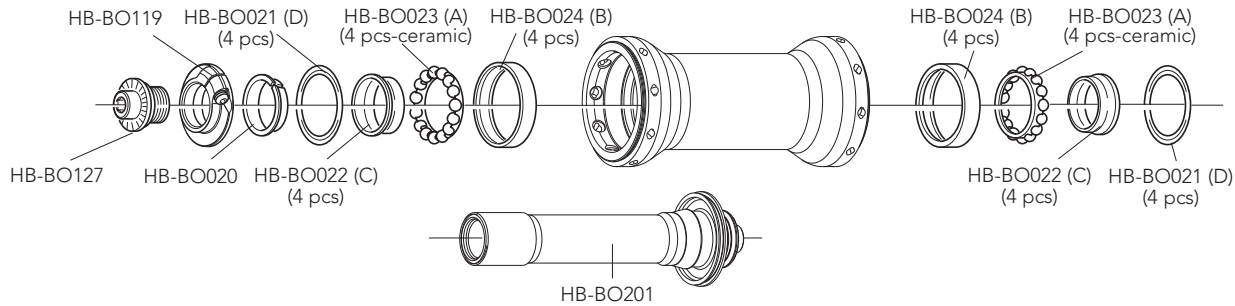
## SPOKES

FRONT / REAR LH SPOKE	WH-020BOC35	4 spokes + 4 nipples
REAR RH SPOKE	WH-021BOC35	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

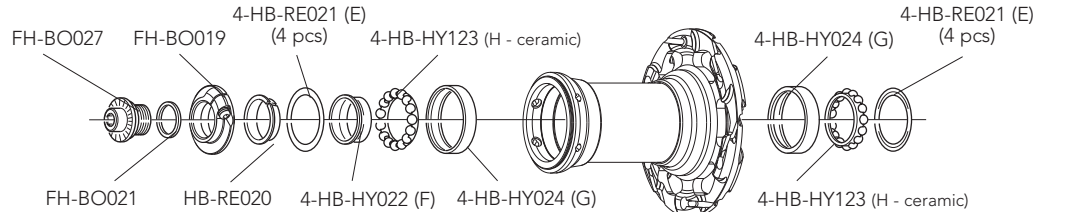
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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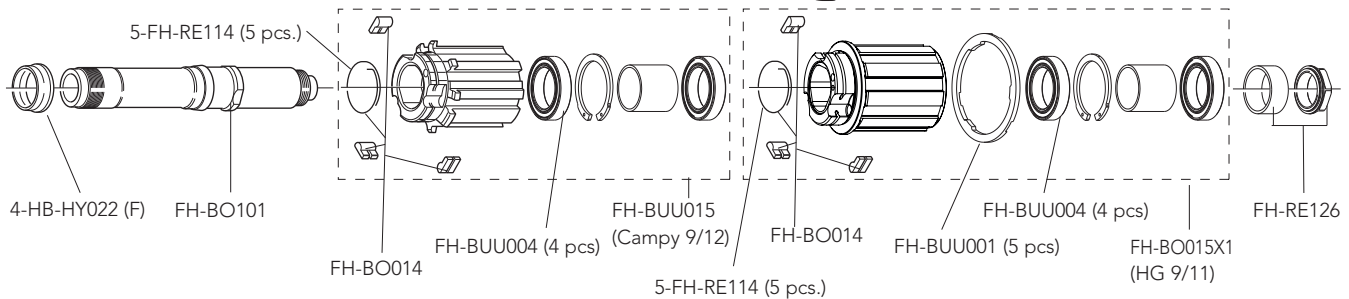
## HUBS



**HB-BO100  
CULT™ KIT**  
front  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-HY100  
CULT™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

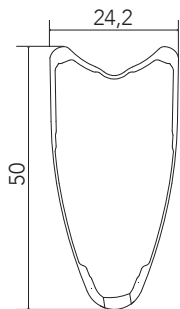



QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



VALVE HOLE	6,5 mm
VALVE EXTENSION	UT-HU150
VALVE HOLE BUSHING	WH-BUU002 
DIAMETER	634 mm
BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

## SPOKES

FRONT / REAR LH SPOKE	WH-016BOT50	4 spokes + 4 nipples
REAR RH SPOKE	WH-019BOT50	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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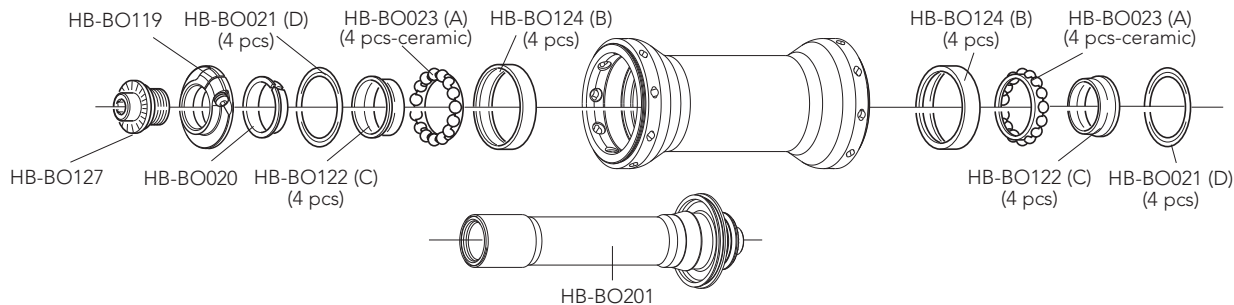
## WARNING!

Because of the high temperatures reached when braking, we recommend you use only glue for tubular tires specifically for carbon fibre rims.

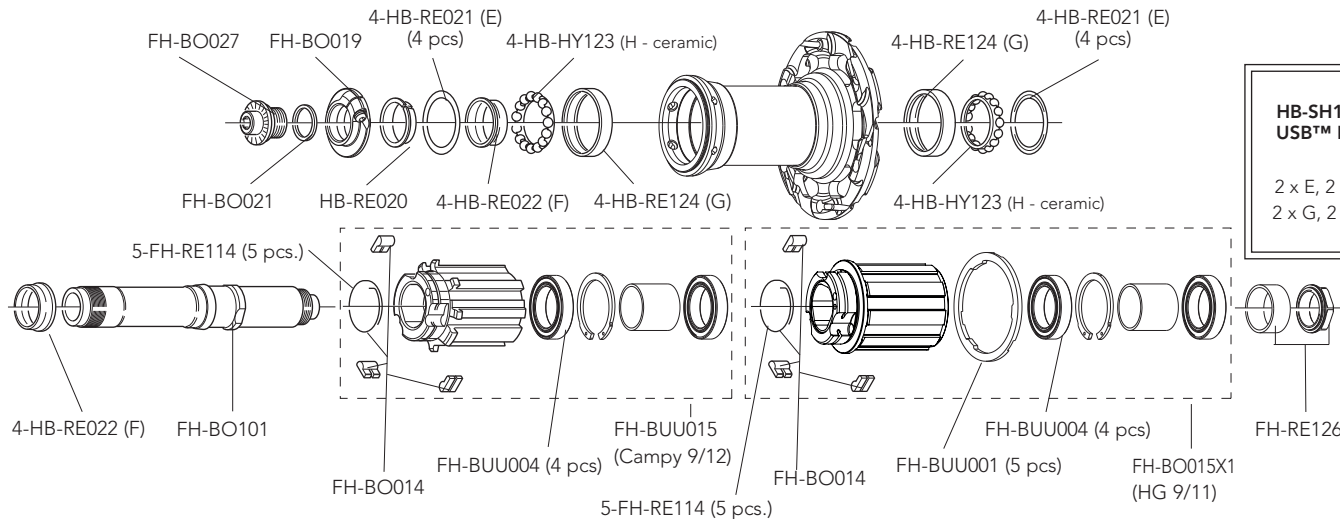
A causa delle alte temperature raggiunte in frenata, vi consigliamo di utilizzare solamente colla per tubolari che sia specifica per i soli cerchi in fibra di carbonio.



## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



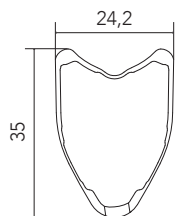
**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



VALVE HOLE

6,5 mm

VALVE HOLE BUSHING

WH-BUU002



DIAMETER

634 mm

BRAKE PADS

for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) -  
BR-BO500X1 (for brakes with screw fixing)

## SPOKES

FRONT / REAR LH SPOKE

WH-020BOC35

4 spokes + 4 nipples

REAR RH SPOKE

WH-021BOC35

4 spokes + 4 nipples

NIPPLES

WH-015BO80

black - 10 pieces

NIPPLE INSERT

UT-WH160

magnet-attractor for nipple

NIPPLE MAGNET

UT-WH050

nipple-guide

SPOKE SPANNER

UT-WH090

spoke wrenches

## ACCESSORIES

Spacer for HG11 FW body

FH-BUU001

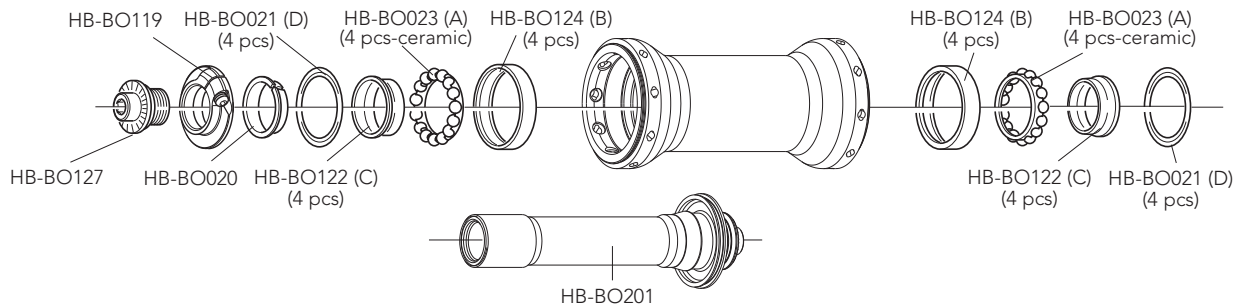
5 pcs - to be used only with 9/10s sprockets  
(please note that every HG11 rear wheel/FW body package contains the spacer)

## WARNING!

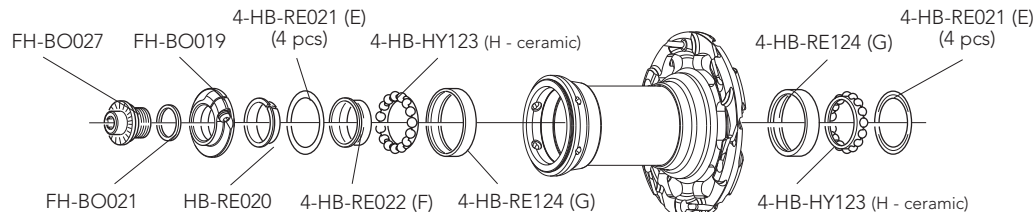
Because of the high temperatures reached when braking, we recommend you use only glue for tubular tires specifically for carbon fibre rims.

A causa delle alte temperature raggiunte in frenata, vi consigliamo di utilizzare solamente colla per tubolari che sia specifica per i soli cerchi in fibra di carbonio.

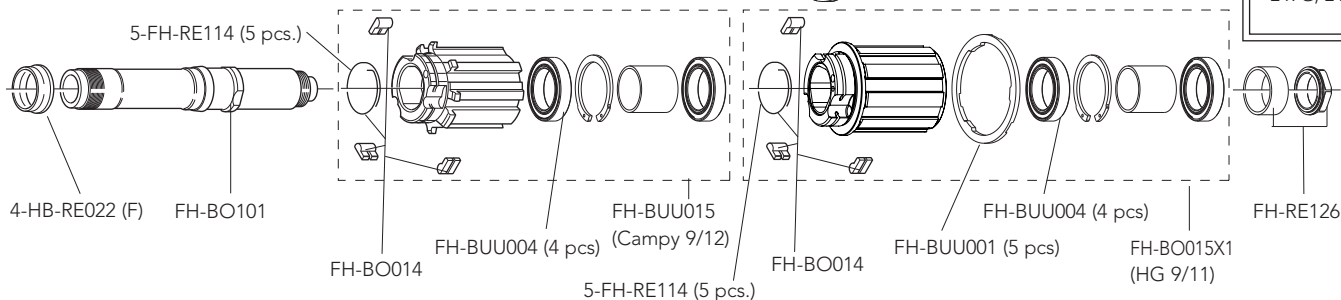
## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

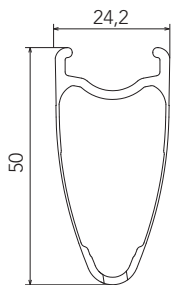



QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



VALVE HOLE	6,5 mm
VALVE EXTENSION	UT-HU150
VALVE HOLE BUSHING	WH-BUU002 
DIAMETER	700C (622 x 17C)
BRAKE SHOES	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

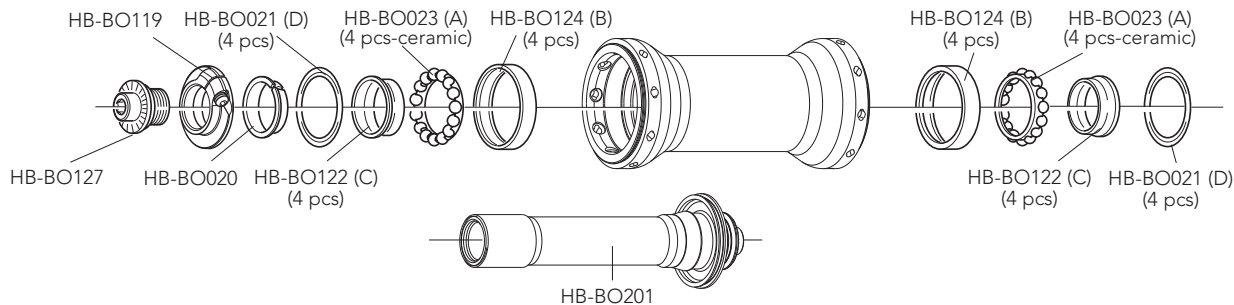
## SPOKES

FRONT / REAR LH SPOKE	WH-016BOT50	4 spokes + 4 nipples
REAR RH SPOKE	WH-019BOT50	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

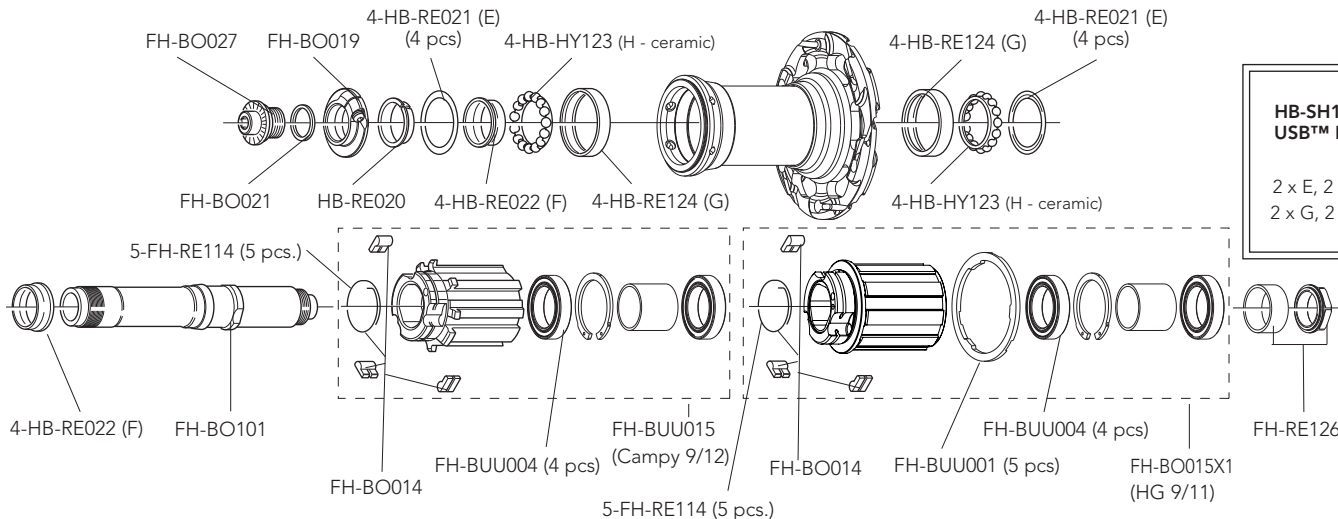
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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## HUBS



**HB-SH200  
USB™ KIT**  
front  
2 x A, 2 x B,  
2 x C, 2 x D



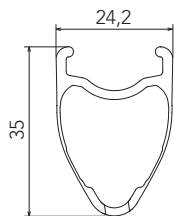
**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H


QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 
DIAMETER	700C (622 x 17C)
BRAKE SHOES	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

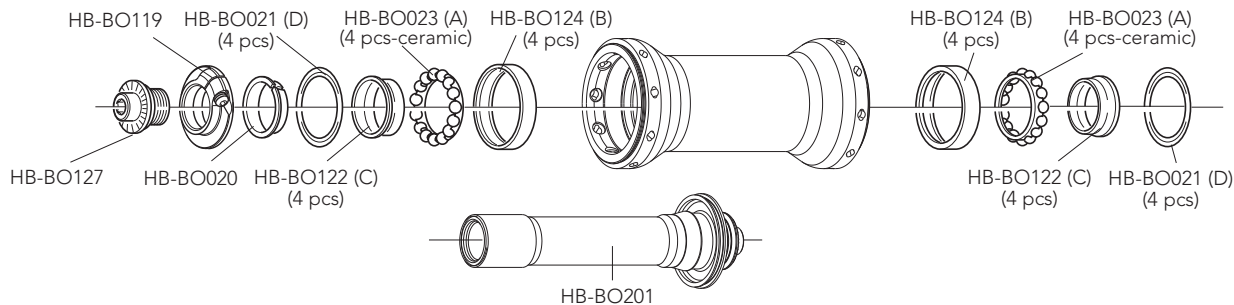
## SPOKES

FRONT / REAR LH SPOKE	WH-020BOC35	4 spokes + 4 nipples
REAR RH SPOKE	WH-021BOC35	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

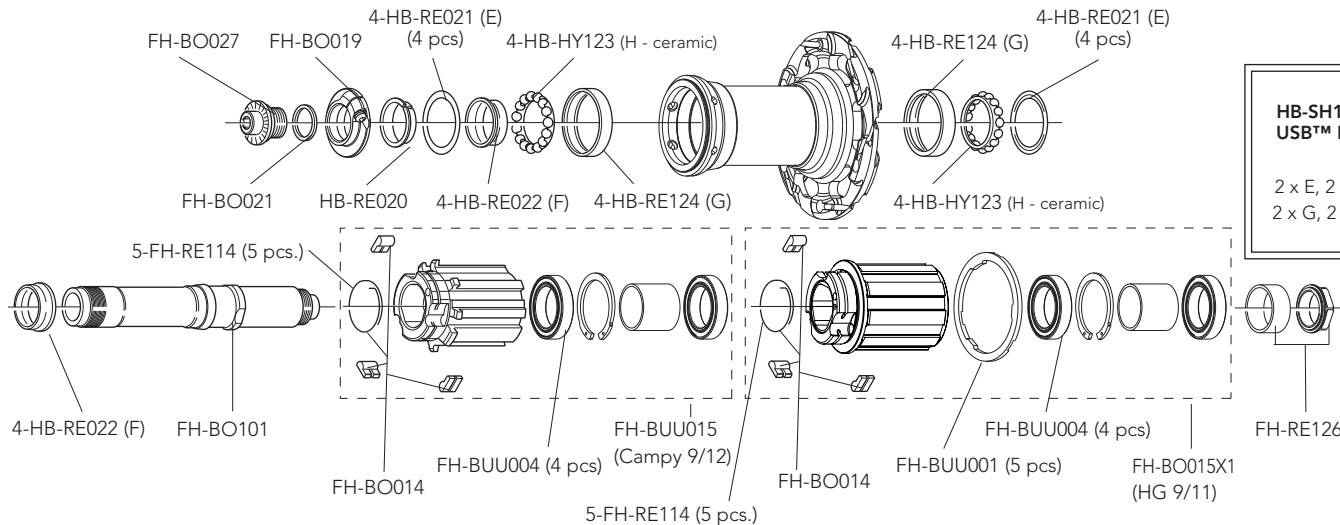
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



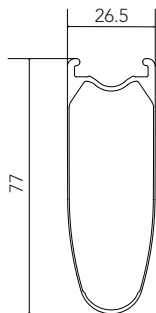
**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H


QUICK-RELEASES

QR12-BUUBFR

front + rear

## RIM



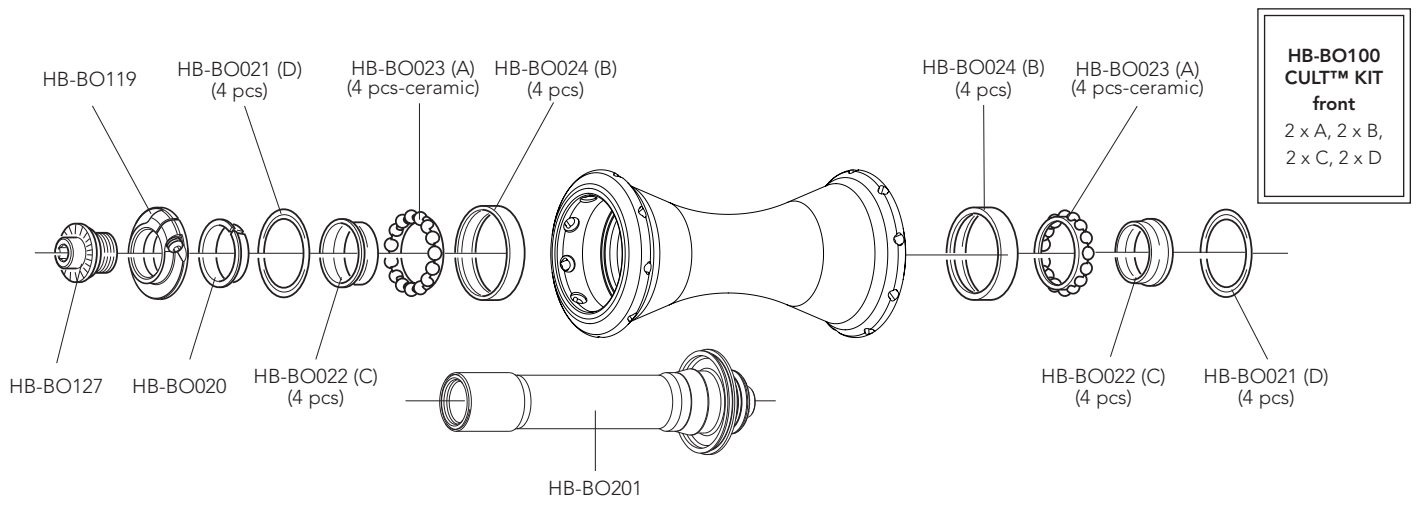
VALVE HOLE	6,5 mm
VALVE EXTENSION	UT-WH140M (male extension)
2-WAY FIT™ VALVE	WH-SH101
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	700C (622 x 19C)
BRAKE PADS	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

## SPOKES

COMPLETE FRONT SPOKES	<a href="#">WH-01BWTO77</a>	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches



## HUBS

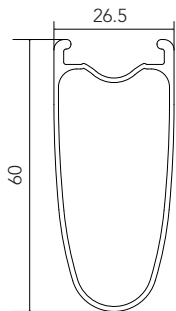


QUICK-RELEASES


QR12-BUUBFR

front + rear

## RIM



FRONT RIM  
 REAR RIM  
 VALVE EXTENSION  
 2-WAY FIT™ VALVE  
 VALVE HOLE  
 VALVE HOLE BUSHING  
 DIAMETER  
 BRAKE PADS

WH-03BWTO60 (bright) - WH-04BWTO60 (dark)  
 WH-05BWTO60 (bright) - WH-06BWTO60 (dark)  
 UT-WH140M (male extension)  
 VA-2WF44  
 6,5 mm  
 WH-BUU002 (5 pcs.)   
 700C (622 x 19C)  
 for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) -  
 BR-BO500X1 (for brakes with screw fixing)

## SPOKES

FRONT / REAR LH

WH-01BWTO60

4 spokes + 4 nipples

REAR RH

WH-02BWTO60

4 spokes + 4 nipples

NIPPLES

WH-015B080

black - 10 pieces

NIPPLE INSERT

UT-WH160

magnet-attractor for nipple

NIPPLE MAGNET

UT-WH050

nipple-guide

SPOKE SPANNER

UT-WH090

spoke wrenches

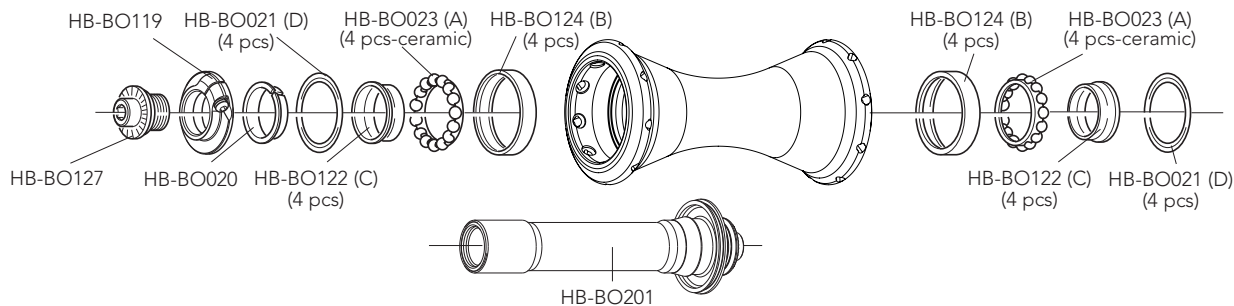
## ACCESSORIES

Spacer for HG11 FW body

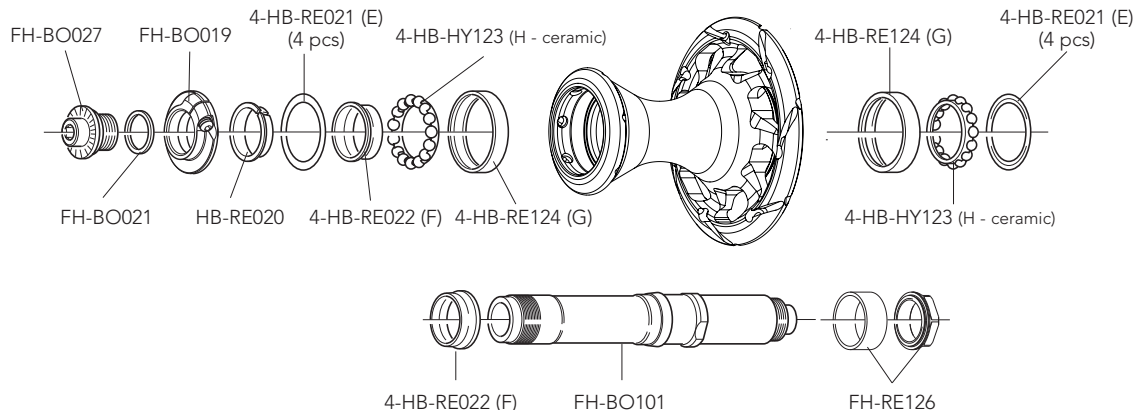
FH-BUU001

5 pcs - to be used only with 9/10s sprockets  
 (please note that every HG11 rear wheel/FW body package contains the spacer)

## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

QUICK-RELEASES

QR12-BUUBFR

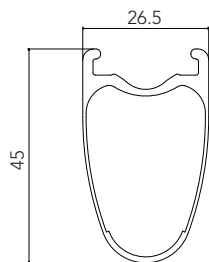
front + rear

Complete FW body / Corpetti RL completi

**FH-BUU015** (Campagnolo 9/12) - **FH-BO015X1** (HG 9/11) - **FH-BU016XDR** (XDR)

See exploded view pag. 138

## RIM



FRONT RIM  
 REAR RIM  
 VALVE EXTENSION  
 2-WAY FIT™ VALVE  
 VALVE HOLE  
 VALVE HOLE BUSHING  
 DIAMETER  
 BRAKE PADS

WH-03BWTO45 (bright) - WH-05BWTO45 (dark)

WH-04BWTO45 (bright) - WH-06BWTO45 (dark)

UT-WH130M (male extension)

WH-SH101

6,5 mm

WH-BUU002 (5 pcs.)



700C (622 x 19C)

for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) -  
 BR-BO500X1 (for brakes with screw fixing)

## SPOKES

FRONT / REAR LH

WH-01BWTO45

4 spokes + 4 nipples

REAR RH

WH-02BWTO45

4 spokes + 4 nipples

NIPPLES

WH-015B080

black - 10 pieces

NIPPLE INSERT

UT-WH160

magnet-attractor for nipple

NIPPLE MAGNET

UT-WH050

nipple-guide

SPOKE SPANNER

UT-WH090

spoke wrenches

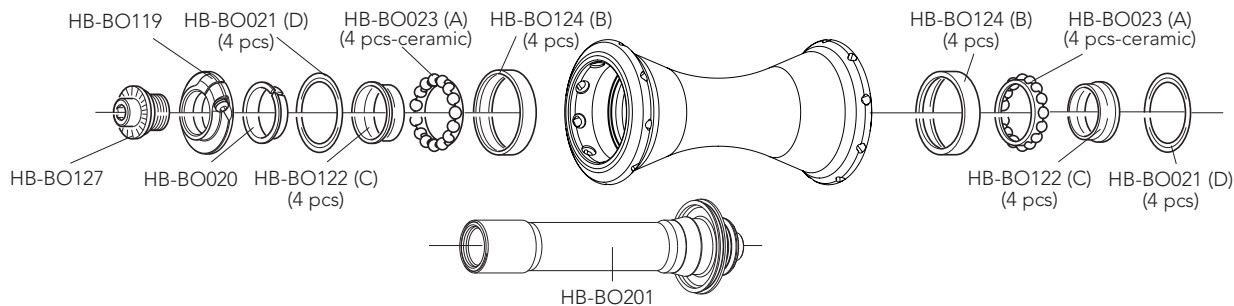
## ACCESSORIES

Spacer for HG11 FW body

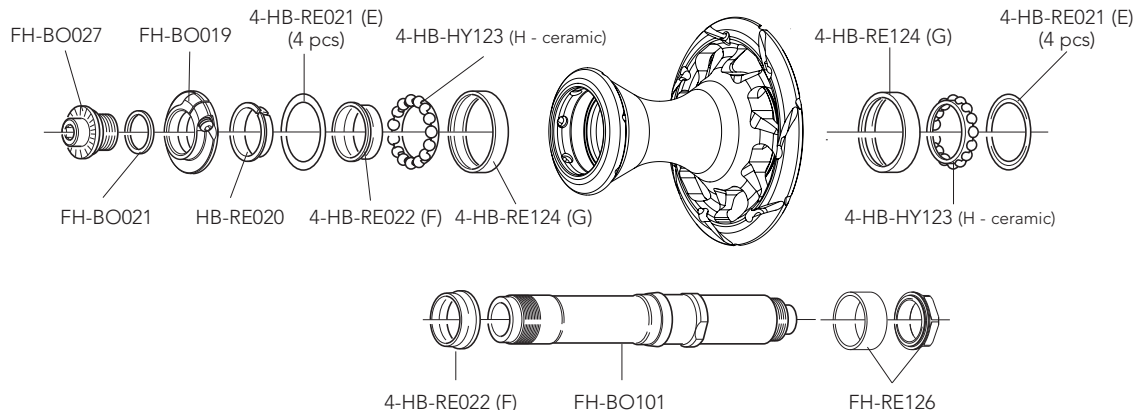
FH-BUU001

5 pcs - to be used only with 9/10s sprockets  
 (please note that every HG11 rear wheel/FW body package contains the spacer)

## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

QUICK-RELEASES

QR12-BUUBFR

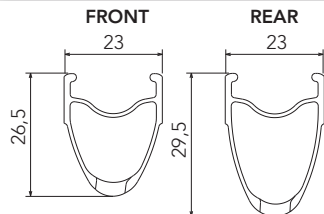
front + rear

Complete FW body / Corpetti RL completi

**FH-BUU015** (Campagnolo 9/12) - **FH-BO015X1** (HG 9/11) - **FH-BU016XDR** (XDR)

See exploded view pag. 138

## RIM



FRONT RIM  
REAR RIM  
LABEL KIT  
VALVE HOLE  
DIAMETER  
BRAKE PADS

WH-103SHM (no labels)  
WH-104SHM (no labels)  
LAB-SHMC17 (front+rear)  
6,5 mm  
622 X 17C  
for rims with Plasma Electrolytic Oxidation treatment: BR-PEO5001 (for brakes with retention spring fixing) - BR-PEO500X1 (for brakes with screw fixing)

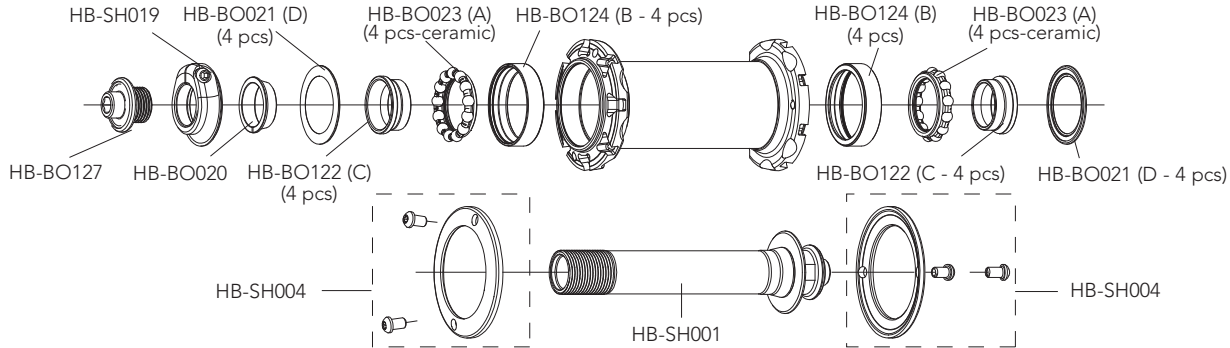
## SPOKES

FRONT KIT	KIT-23SHB	16 front spokes
REAR KIT	KIT-34SHB	14 front/rear right spokes + 7 rear left spokes
COMPLETE FRONT SPOKE	WH-105SHM	spoke + nipple
COMPLETE REAR RIGHT SPOKE	WH-008SHM	spoke + nipple
COMPLETE REAR LEFT SPOKE	WH-007SHM	spoke + nipple
NIPPLES	WH-015SHM	10 pieces
SPOKE RING	UT-WH010	anti-rotation spokes
NIPPLE INSERT	UT-WH020	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH270	spoke wrench <b>(SERVICE CENTER Only)</b>

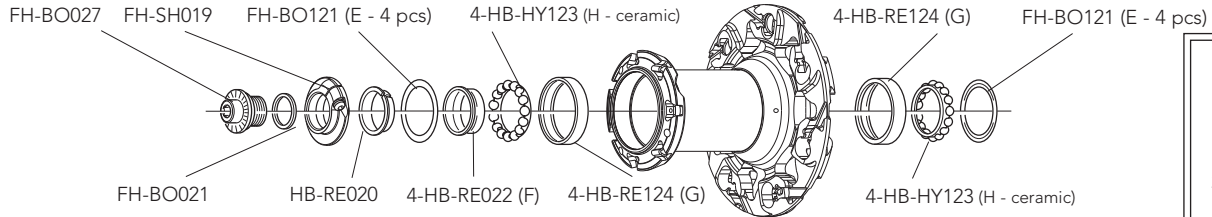
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets (please note that every HG11 rear wheel/FW body package contains the spacer)
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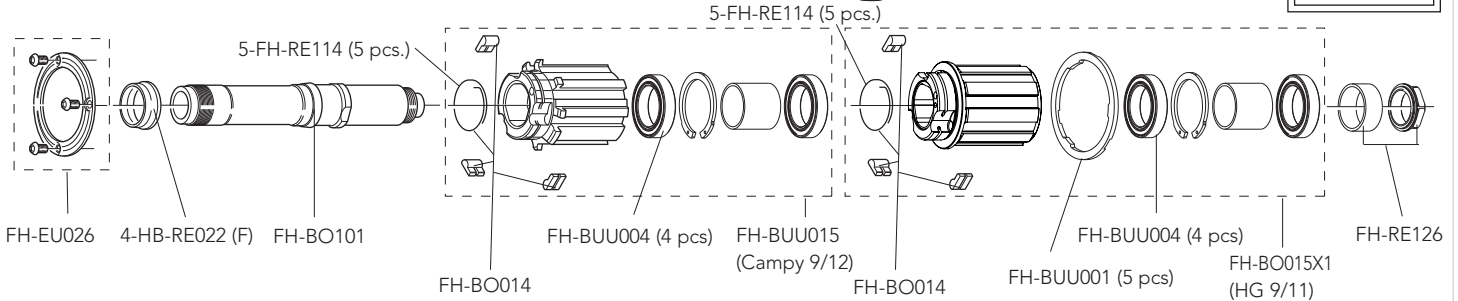
## HUBS



**HB-SH200  
USB™ KIT  
front**  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

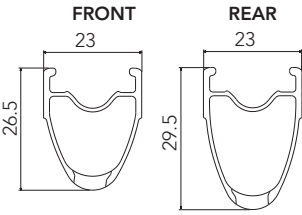



QUICK-RELEASES

QR13-80FR

front + rear

WHEELS

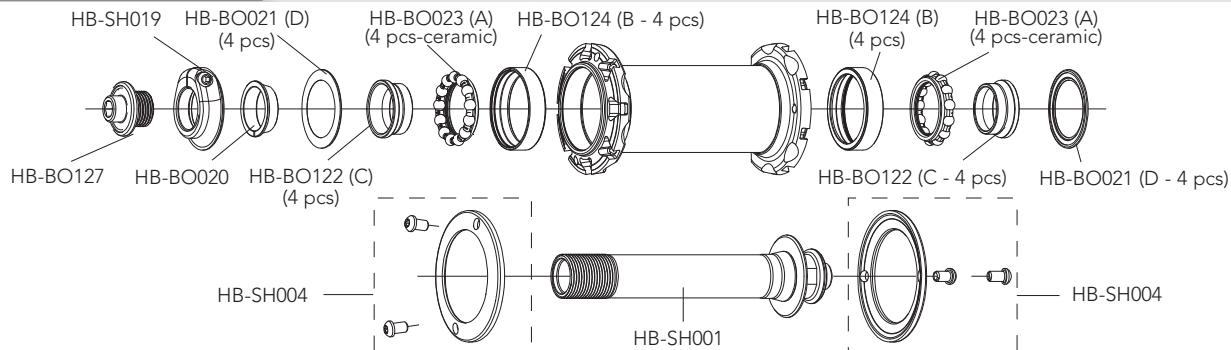
RIM		
	<p>FRONT RIM REAR RIM LABEL KIT VALVE HOLE 2-WAY FIT™ VALVE VALVE HOLE BUSHING DIAMETER BRAKE PADS</p>	<p>WH-313SHB (<b>no labels</b>) WH-314SHB (<b>no labels</b>) LAB-SH2B17 (front+rear) 7,5 mm WH-SH101 5-WH-SH002 (for valve seat reduction - 5 pcs)  634 mm see "brake pads compatibility table" on <a href="http://www.campagnolo.com">www.campagnolo.com</a></p>

SPOKES		
FRONT KIT	KIT-23SHB	16 front/rear right spokes
REAR KIT	KIT-34SHB	14 front/rear right spokes + 7 rear left spokes
COMPLETE FRONT SPOKE	WH-205SHB	spoke + nipple
COMPLETE REAR LEFT SPOKE	WH-207SHB	spoke + nipple
COMPLETE REAR RIGHT SPOKE	WH-208SHB	spoke + nipple
NIPPLES	WH-115SH	10 pieces
SPOKE RING	UT-WH010	anti-rotation spokes
NIPPLE INSERT	UT-WH020	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH070	spoke wrenches

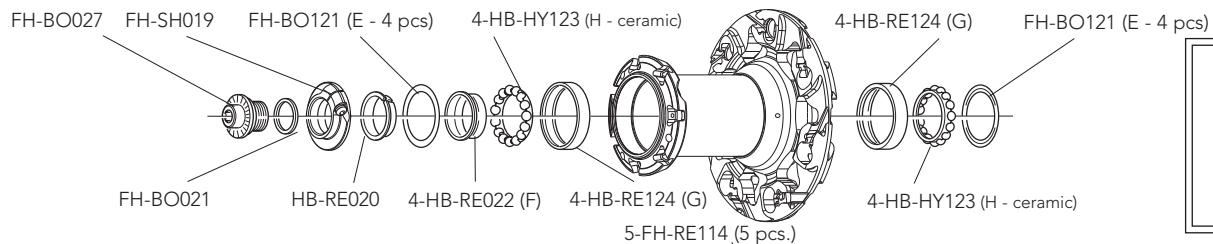
ACCESSORIES		
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>



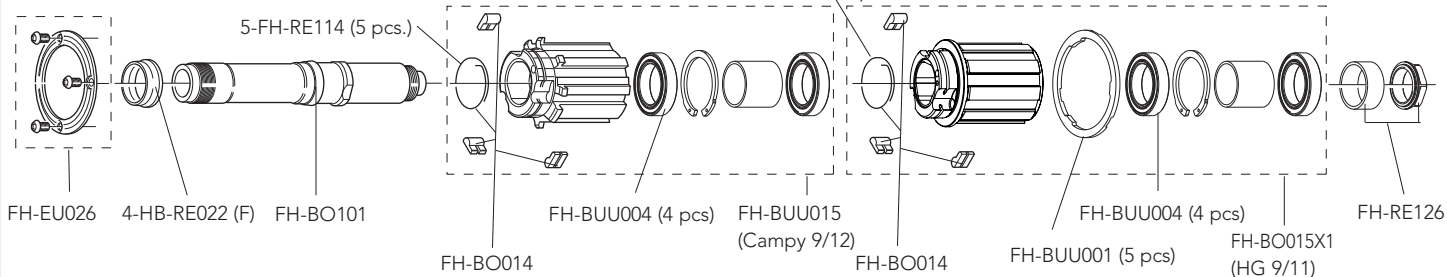
## HUBS



**HB-SH200  
USB™ KIT**  
front  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

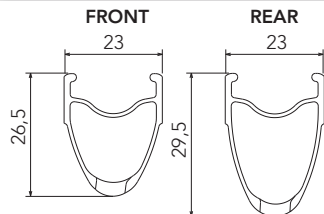


QUICK-RELEASES

QR13-80FR

front + rear

## RIM



FRONT RIM  
REAR RIM  
LABEL KIT  
VALVE HOLE  
DIAMETER  
BRAKE PADS

WH-403SHB (no labels)  
WH-404SHB (no labels)  
LAB-SHCB17  
6,5 mm  
622 X 17C  
see "brake pads compatibility table" on [www.campagnolo.com](http://www.campagnolo.com)

## SPOKES

FRONT KIT

KIT-23SHB

16 front/rear right spokes

REAR KIT

KIT-34SHB

14 front/rear right spokes + 7 rear left spokes

COMPLETE FRONT

WH-205SHB

spoke + nipple

COMPLETE REAR LEFT SPOKE

WH-207SHB

spoke + nipple

COMPLETE REAR RIGHT SPOKE

WH-208SHB

spoke + nipple

NIPPLES

WH-115SH

10 pieces

SPOKE RING

UT-WH010

anti-rotation spokes

NIPPLE INSERT

UT-WH020

magnet-attracting nipple insert

NIPPLE MAGNET

UT-WH050

nipple attracting magnet

SPOKE SPANNER

UT-WH070

spoke wrenches

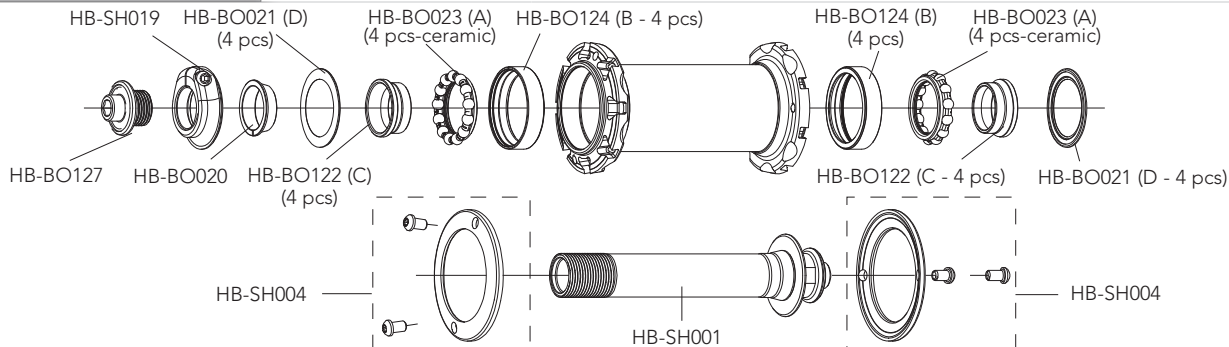
## ACCESSORIES

Spacer for HG11 FW body

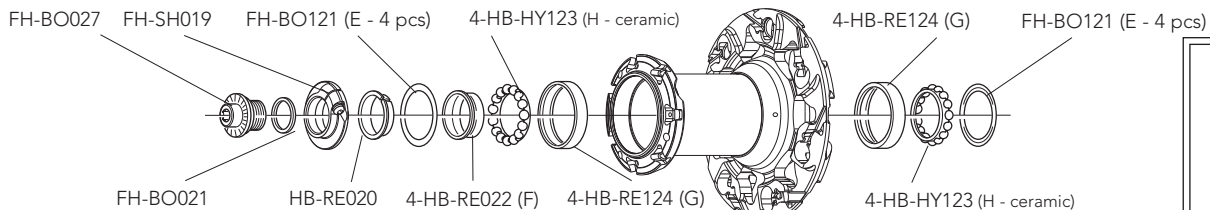
FH-BUU001

5 pcs - to be used only with 9/10s sprockets  
(please note that every HG11 rear wheel/FW body package contains the spacer)

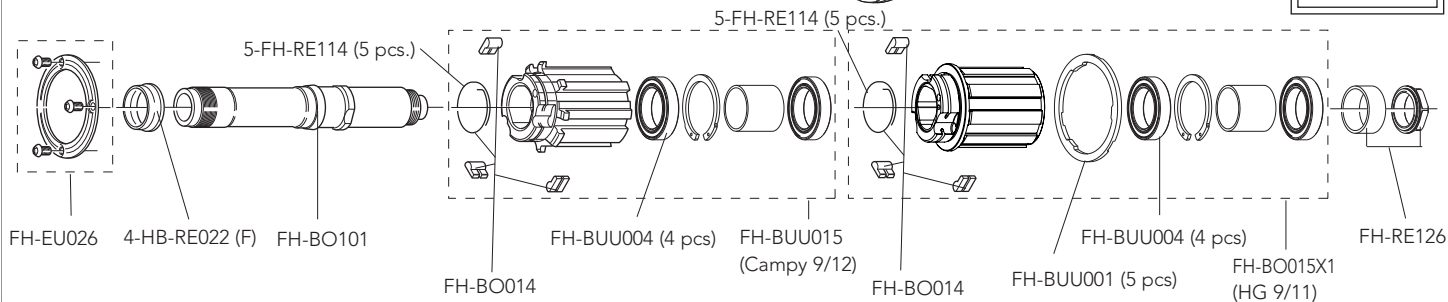
## HUBS



**HB-SH200  
USB™ KIT**  
front  
2 x A, 2 x B,  
2 x C, 2 x D



**HB-SH100  
USB™ KIT**  
2 x E, 2 x F,  
2 x G, 2 x H

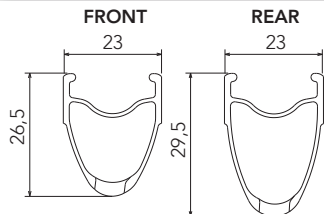


QUICK-RELEASES

QR13-80FR

front + rear

## RIM



FRONT RIM  
 REAR RIM  
 LABEL KIT  
 VALVE HOLE  
 DIAMETER  
 BRAKE PADS

WH-403ZOB (with labels)  
 WH-504ZOB (with labels)  
 LAB-ZOCB17 (for a pair of front+rear wheels)  
 6,5 mm  
 622 X 17C  
 see "brake pads compatibility table" on [www.campagnolo.com](http://www.campagnolo.com)

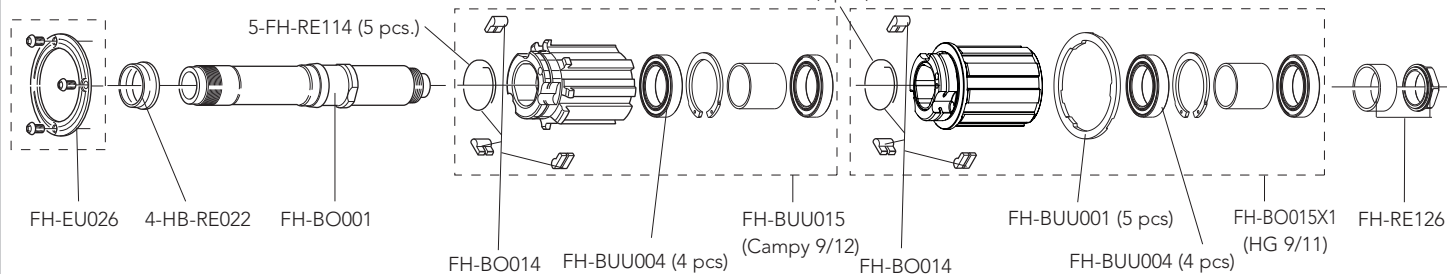
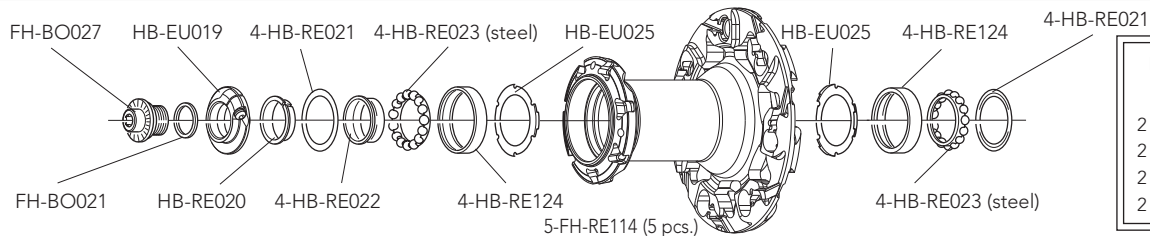
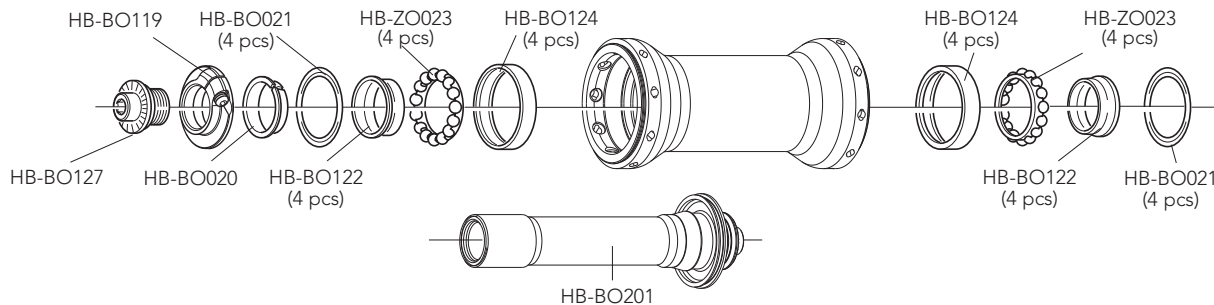
## SPOKES

FRONT SPOKE	WH-116ZOC	4 spokes + 4 nipples
REAR RH SPOKE	WH-118ZOC	4 spokes + 4 nipples
REAR LH SPOKE	WH-119ZOC	4 spokes + 4 nipples
NIPPLES	WH-115ZO	50 pieces
NIPPLE INSERT	UT-WH035	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide

## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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## HUBS

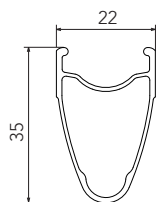


QUICK-RELEASES

QR12-ZOBFR

front + rear

## RIM



RIM-TAPE  
 LABEL KIT  
 VALVE HOLE  
 DIAMETER  
 BRAKE PADS

WH-RT003 (2 pieces)  
 LAB-SCCB18 (for a pair of front+rear wheels)  
 6,5 mm  
 622 x 17C  
 see "brake pads compatibility table" on [www.campagnolo.com](http://www.campagnolo.com)

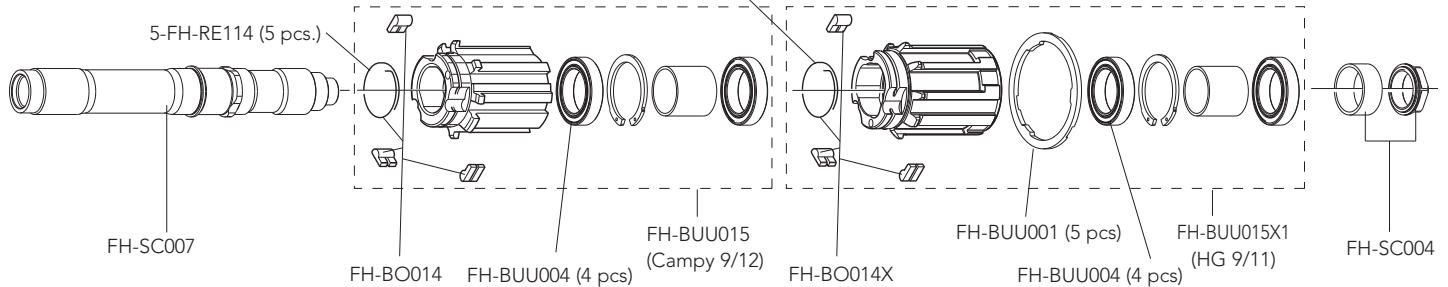
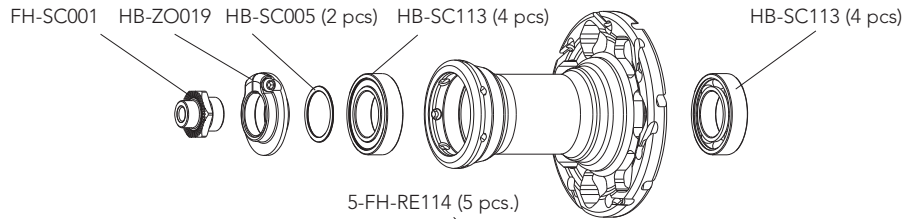
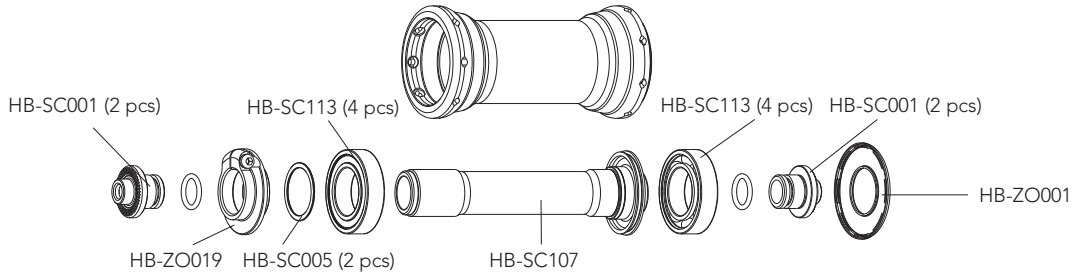
## SPOKES

FRONT SPOKE	WH-016SCC	4 spokes + 4 nipples
REAR RH SPOKE	WH-018SCC	4 spokes + 4 nipples
REAR LH SPOKE	WH-019SCC	4 spokes + 4 nipples

## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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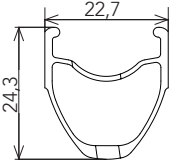
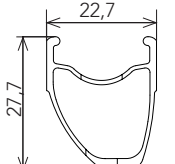
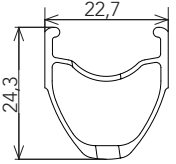
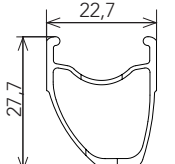
HUBS



QUICK-RELEASES

QR12-ZOBFR

front + rear

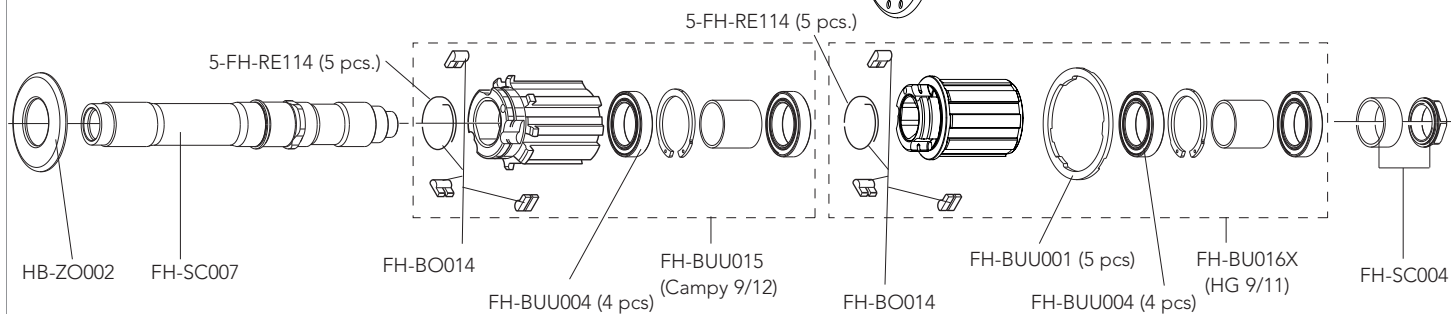
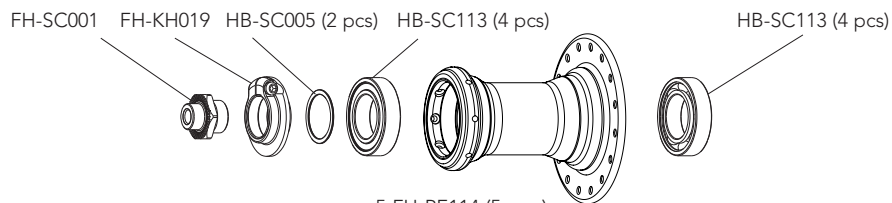
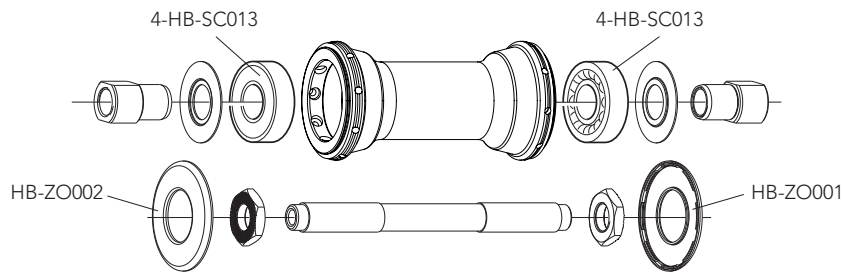
RIM			
FRONT	REAR	RIM-TAPE	WH-RT003 (20,5 mm - 2 pieces)
		LABEL KIT	LAB-KHC19 (front+rear)
		VALVE HOLE	6,5 mm
		DIAMETER	622 X 17C
		BRAKE PADS	see "brake pads compatibility table" on <a href="http://www.campagnolo.com">www.campagnolo.com</a>

SPOKES		
FRONT SPOKE	WH-116KHC	4 spokes + 4 nipples
REAR RH SPOKE	WH-118KHC	4 spokes + 4 nipples
REAR LH SPOKE	WH-218KHC	4 spokes + 4 nipples

ACCESSORIES		
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>



## HUBS



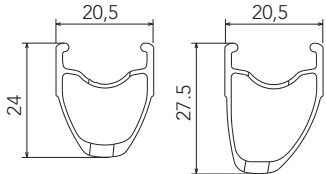
QUICK-RELEASES

QR8-40BFR

front + rear

# KHAMSIN ASYMMETRIC G3

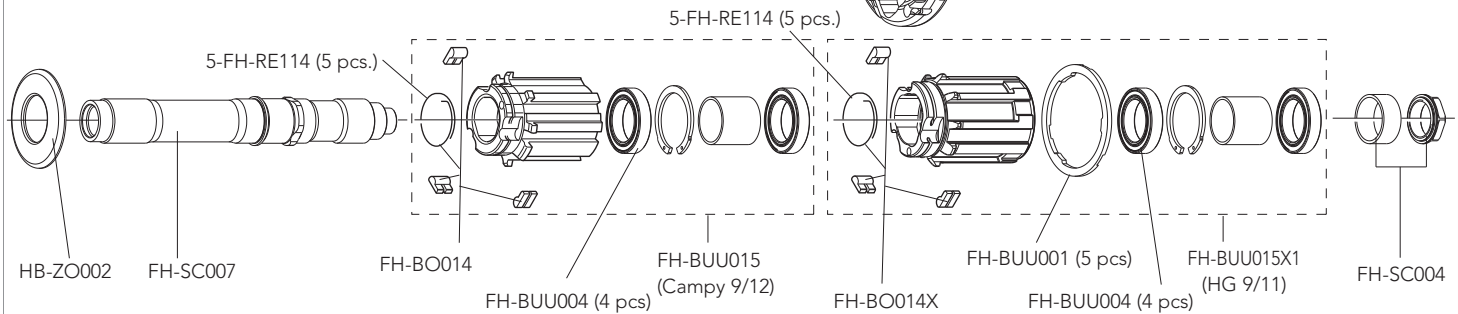
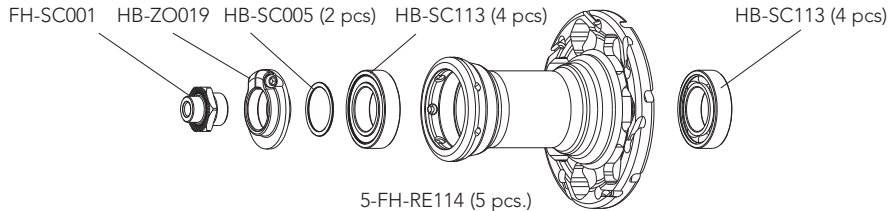
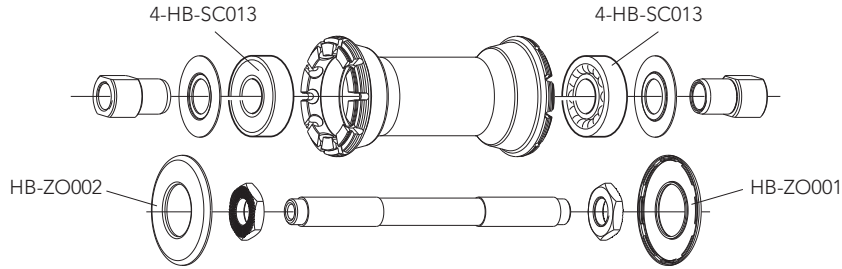
CLINCHER

RIM		
	RIM-TAPE LABEL KIT VALVE HOLE DIAMETER BRAKE PADS	2-WH-RT12 (18 mm - 2 pieces) LAB-KHCB14G3 (BLACK - front+rear) 6,5 mm 700C (622 x 15C) see "brake pads compatibility table" on <a href="http://www.campagnolo.com">www.campagnolo.com</a>

SPOKES		
FRONT SPOKE	WH-016KHC	4 spokes + 4 nipples
REAR RH SPOKE	WH-018KHC	4 spokes + 4 nipples
REAR LH SPOKE	WH-119KHC	4 spokes + 4 nipples

ACCESSORIES		
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>

HUBS

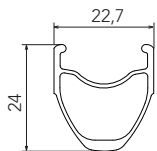


QUICK-RELEASES

QR8-40BFR

front + rear

## RIM



RIM-TAPE  
 LABEL KIT  
 VALVE HOLE  
 DIAMETER  
 BRAKE PADS

WH-RT003 (20.-5 mm - 2 pieces)  
 LAB-CAC18 (BLACK - front+rear)  
 6,5 mm  
 622 x 17C  
 see "brake pads compatibility table" on [www.campagnolo.com](http://www.campagnolo.com)

## SPOKES

FRONT SPOKE	WH-016CAC	4 spokes + 4 nipples
REAR RH SPOKE	WH-018CAC	4 spokes + 4 nipples
REAR LH SPOKE	WH-019CAC	4 spokes + 4 nipples
NIPPLES	50-WH-NZO	50 pcs

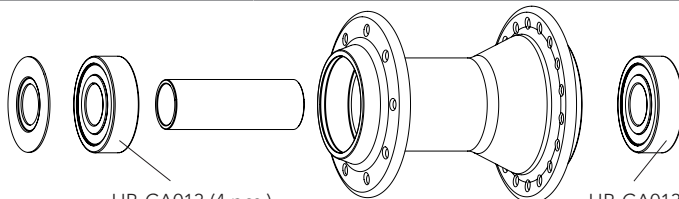
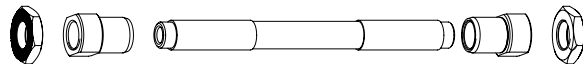
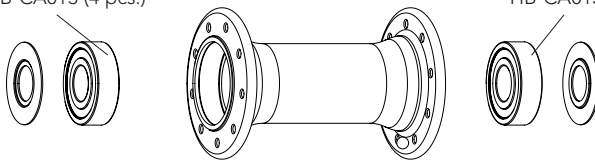
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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HUBS

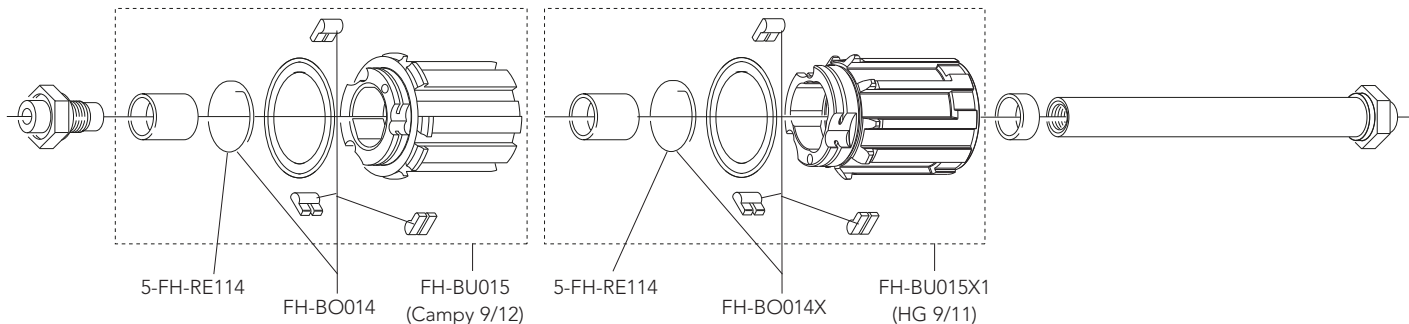
HB-CA013 (4 pcs.)

HB-CA013 (4 pcs.)



HB-CA013 (4 pcs.)

HB-CA013 (4 pcs.)



5-FH-RE114

FH-BO014

FH-BU015  
(Campy 9/12)

5-FH-RE114

FH-BO014X

FH-BU015X1  
(HG 9/11)

QUICK-RELEASES

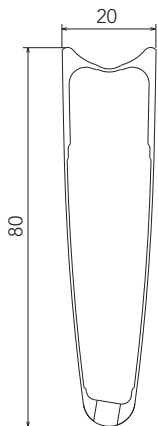
QR8-40BFR

front + rear

# BORA ULTRA 80 PISTA

TUBULAR

## RIM



FRONT RIM

WH-101BO80


VALVE HOLE

6,5 mm

VALVE EXTENSION

UT-WH160M (male extension) - UT-WH160F (female extension)

VALVE HOLE BUSHING

WH-BUU002 (5 pcs.) 

DIAMETER

634 mm

## SPOKES

FRONT SPOKE

WH-016BOT80

4 spokes + 4 nipples

NIPPLES

WH-015BO80

black - 10 pieces

NIPPLE INSERT

UT-WH160

magnet-attractor for nipple

NIPPLE MAGNET

UT-WH050

nipple-guide

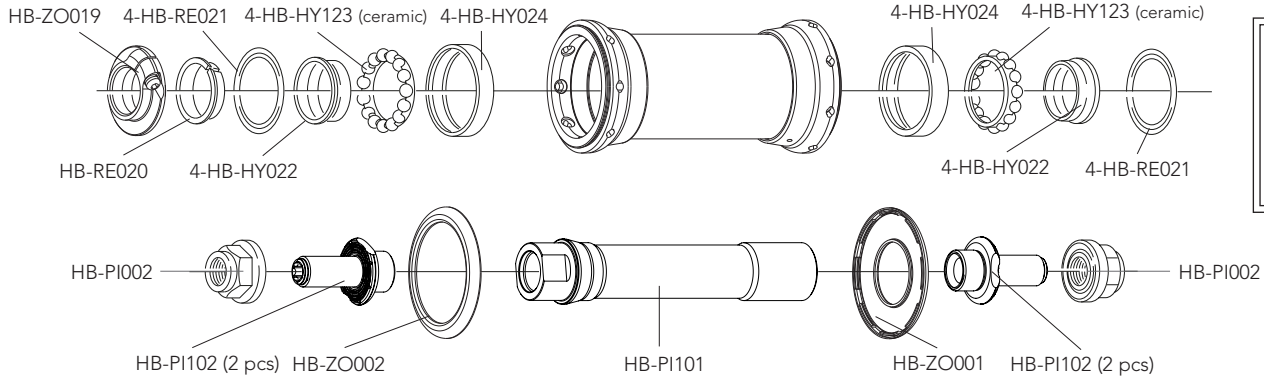
SPOKE SPANNER

UT-WH090

spoke wrenches


HUBS

FRONT TRACK



- |   |
|---|
| <p><b>HB-HY100<br/>CULT™ KIT</b></p> <ul style="list-style-type: none"> <li>2 x HB-RE021</li> <li>2 x HB-HY022</li> <li>2 x HB-HY024</li> <li>2 x HB-HY123</li> </ul> |
|---|

## RIM

VALVE HOLE STICKERS	WH-100BOTT (5 pcs)
VALVE HOLE BUSHINGS	WH-BUU002 (5 pcs.) 
VALVE EXTENSION	UT-WH130M

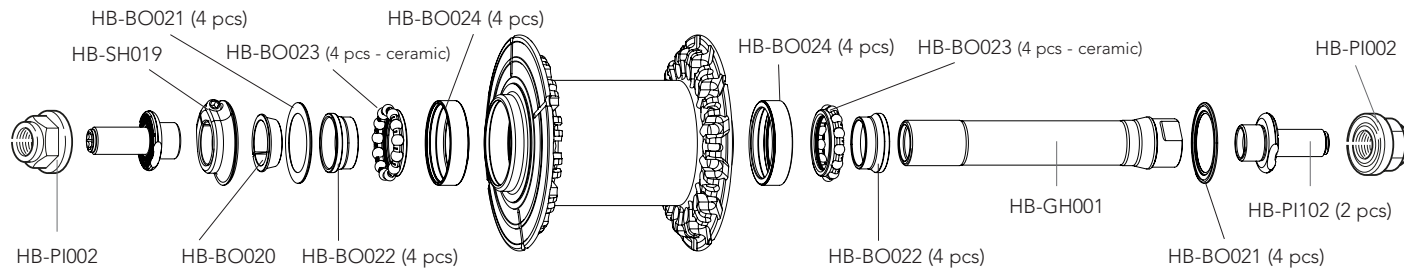
**HB-BO100  
CULT™ KIT**

**front**

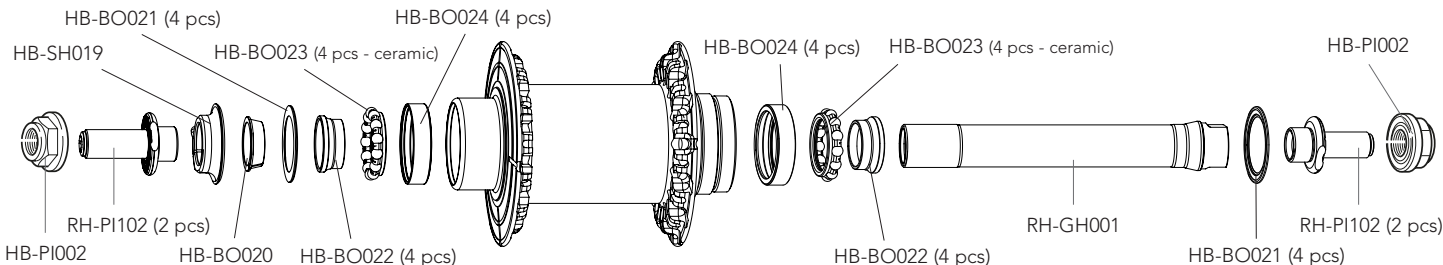
2 x HB-BO023  
2 x HB-BO024  
2 x HB-BO022  
2 x HB-BO021

## HUBS

### FRONT TRACK



### REAR TRACK





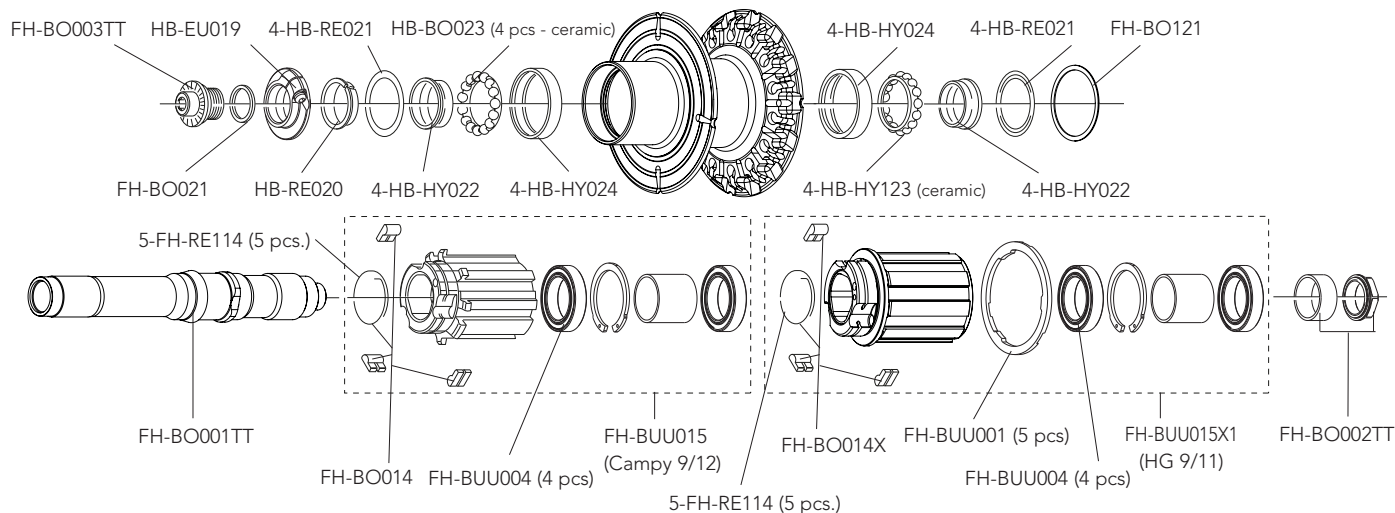
## RIM

VALVE HOLE STICKERS	WH-100BOTT (5 pcs)
VALVE HOLE BUSHINGS	WH-BUU002
VALVE EXTENSION	UT-WH130M
BRAKE SHOES	for carbon rims - BR-BO500 (for brakes with retention spring or interference fixing) - BR-BO500X1 (for brakes with screw fixing)

## ACCESSORIES

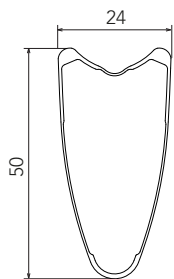
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
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## HUBS



QUICK-RELEASES	QR12-BUUBFR	front + rear
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## RIM



RIM	WH-001BO150DB (bright) - WH-001BO150DBDK (dark)
VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	700C (622 x 17C)

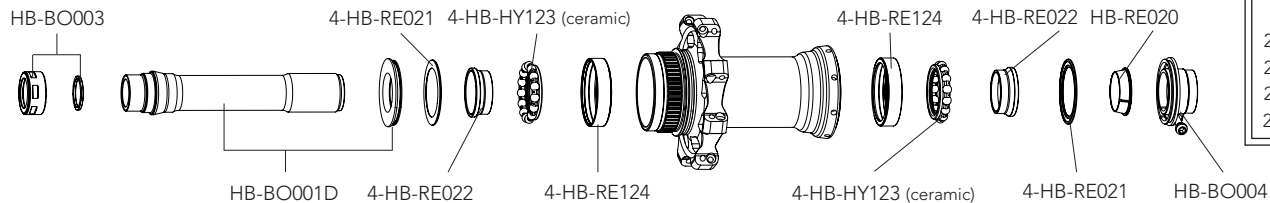
## SPOKES

FRONT RH L. 262,5	WH-017BO50DB	4 spokes + 4 nipples
FRONT LH / REAR RH L. 278	WH-016BO35DB	4 spokes + 4 nipples
REAR LH L. 253,5	WH-019BO50DB	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

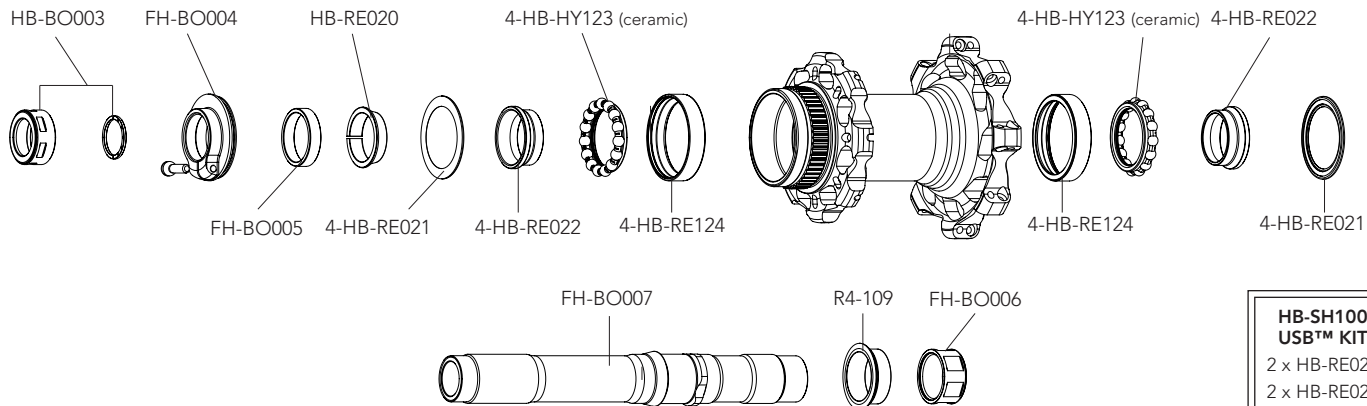
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
AFS™ lockring	M1-101	to fix the rotor

## HUBS

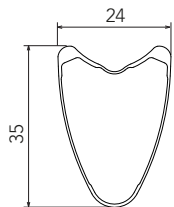



**HB-SH100  
 USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123



**HB-SH100  
 USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123

## RIM



RIM	WH-001BO135DB (bright) - WH-001BO135DBDK (dark)
VALVE HOLE	6,5 mm
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	700C (622 x 17C)

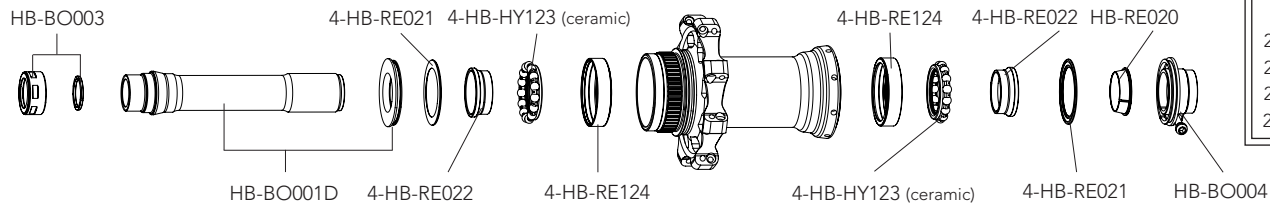
## SPOKES

FRONT LH / REAR RH L. 293	WH-017BO35DB	4 spokes + 4 nipples
FRONT RH L. 278	WH-016BO35DB	4 spokes + 4 nipples
REAR LH L. 268	WH-019BO35DB	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

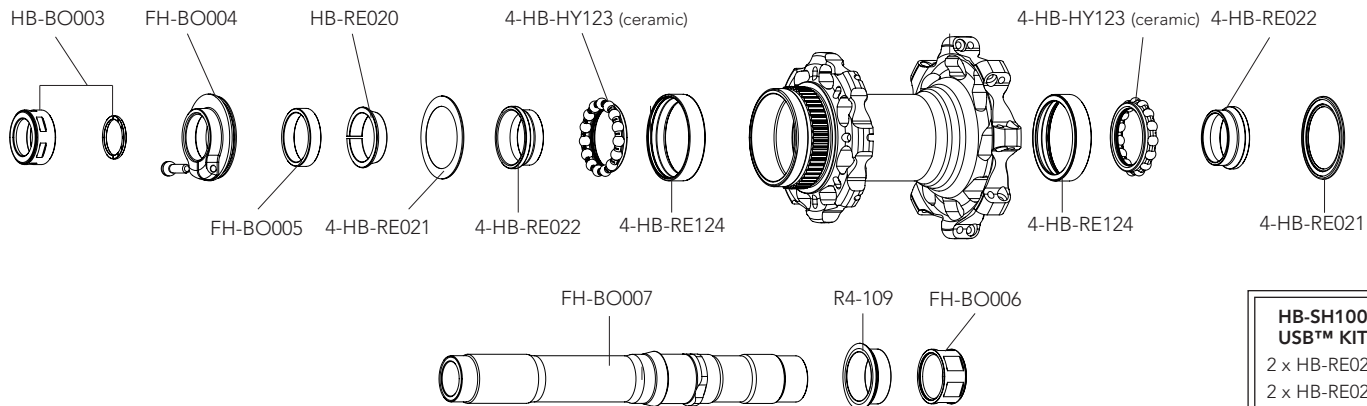
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
AFS™ lockring	M1-101	to fix the rotor

## HUBS

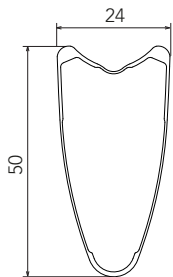


**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123



**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123

## RIM




RIM  
VALVE HOLE

VALVE HOLE BUSHING

DIAMETER

WH-003BO150DB (bright) - WH-003BO150DBDK (dark)

6,5 mm

WH-BUU002 (5 pcs.) 

700C (622 x 17C)

## SPOKES

FRONT RH L. 262,5

WH-017BO50DB

4 spokes + 4 nipples

FRONT LH / REAR RH L. 278

WH-016BO35DB

4 spokes + 4 nipples

REAR LH L. 253,5

WH-019BO50DB

4 spokes + 4 nipples

NIPPLES

WH-015BO80

black - 10 pieces

NIPPLE INSERT

UT-WH160

magnet-attractor for nipple

NIPPLE MAGNET

UT-WH050

nipple-guide

SPOKE SPANNER

UT-WH090

spoke wrenches

## ACCESSORIES

Spacer for HG11 FW body

FH-BUU001

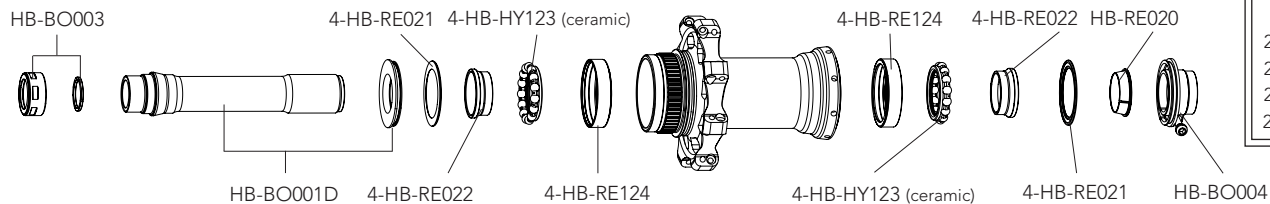
5 pcs - to be used only with 9/10s sprockets  
*(please note that every HG11 rear wheel/FW body package contains the spacer)*

AFS™ lockring

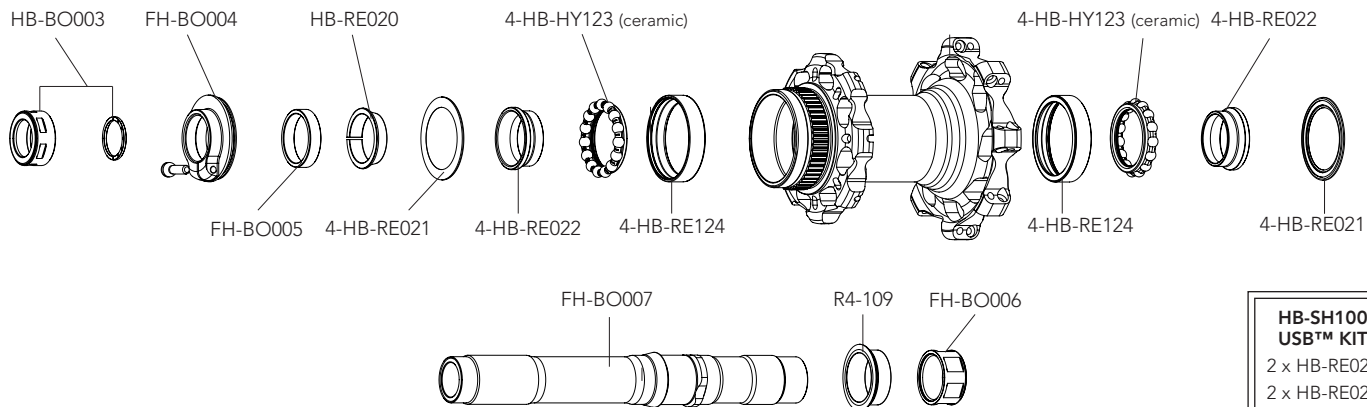
M1-101

to fix the rotor

## HUBS

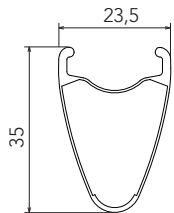


**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123




**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123

## RIM



RIM  
VALVE HOLE  
VALVE HOLE BUSHING  
DIAMETER

WH-003BO135DB (bright) - WH-003BO135DBDK (dark)  
6,5 mm  
WH-BUU002 (5 pcs.)   
700C (622 x 17C)

## SPOKES

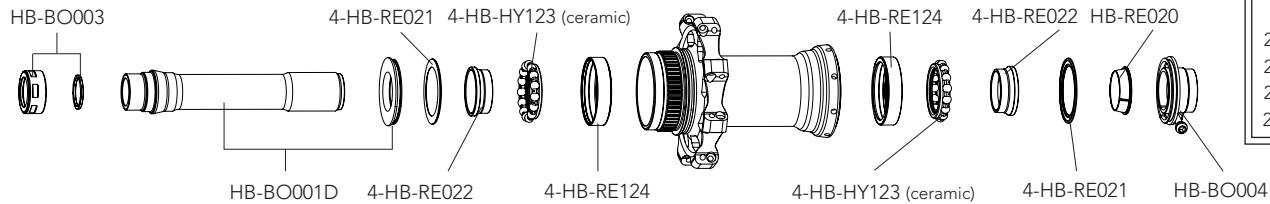
FRONT LH / REAR RH L. 293	WH-017BO35DB	4 spokes + 4 nipples
FRONT RH L. 278	WH-016BO35DB	4 spokes + 4 nipples
REAR LH L. 268	WH-019BO35DB	4 spokes + 4 nipples
NIPPLES	WH-015BO80	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

## ACCESSORIES

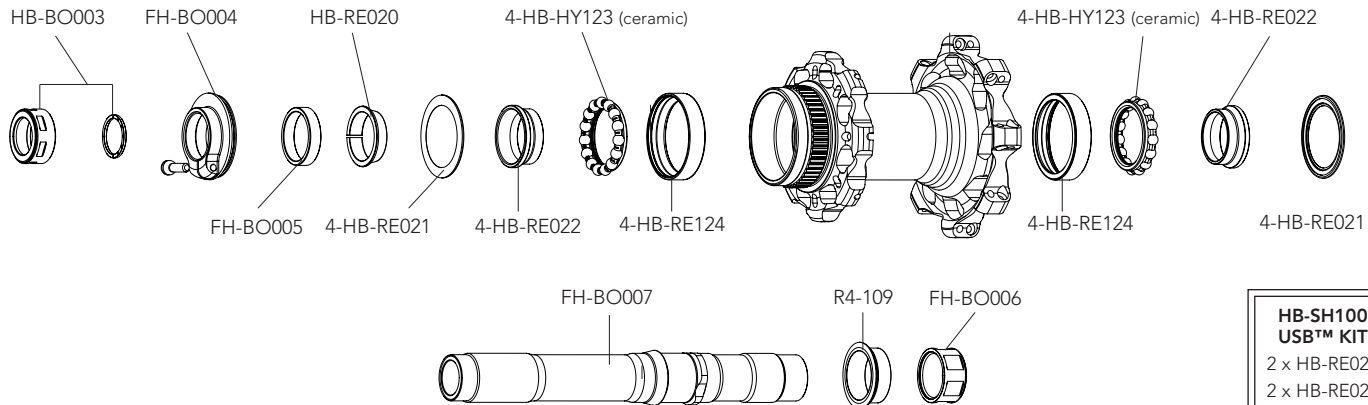
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
AFS™ lockring	M1-101	to fix the rotor



## HUBS

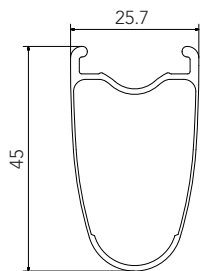



**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123



**HB-SH100  
USB™ KIT**  
 2 x HB-RE021  
 2 x HB-RE022  
 2 x HB-RE124  
 2 x HB-HY123

## RIM



RIM	WH-03BWTO45DB (dark)
VALVE HOLE	6,5 mm
VALVE EXTENSION	UT-WH130M (male extension)
2-WAY FIT™ VALVE	WH-SH101
VALVE HOLE BUSHING	WH-BUU002 (5 pcs.) 
DIAMETER	700C (622 x 19C)

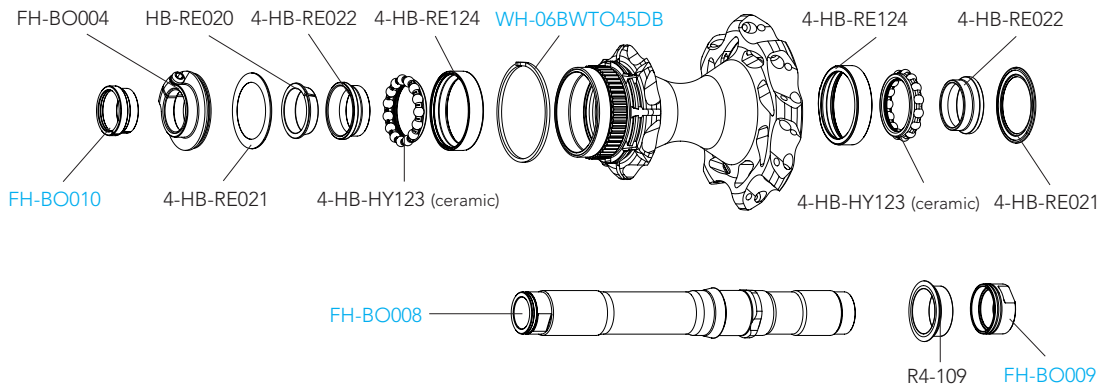
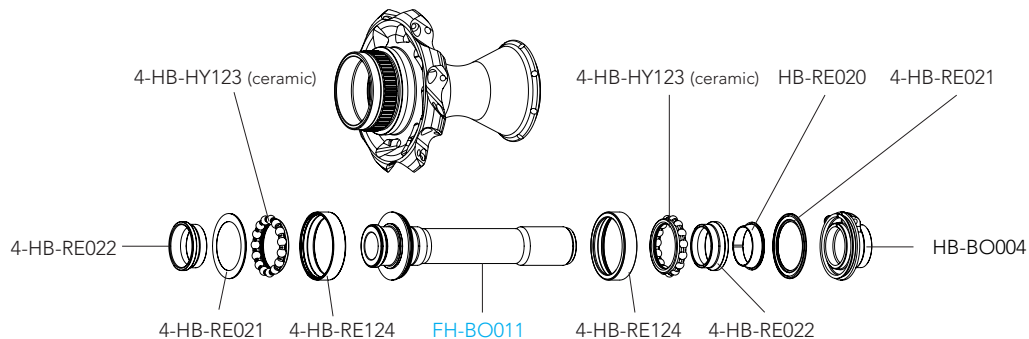
## SPOKES

FRONT LH / REAR RH L. 280,5	WH-04BWTO45DB	4 spokes + 4 nipples
FRONT RH / REAR LH L. 261,5	WH-05BWTO45DB	4 spokes + 4 nipples
NIPPLES	WH-07BWTO45DB	black - 10 pieces
NIPPLE INSERT	UT-WH160	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide
SPOKE SPANNER	UT-WH090	spoke wrenches

## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
AFS™ lockring	M1-101	to fix the rotor

## HUBS



Complete FW body / Corpetti RL completi

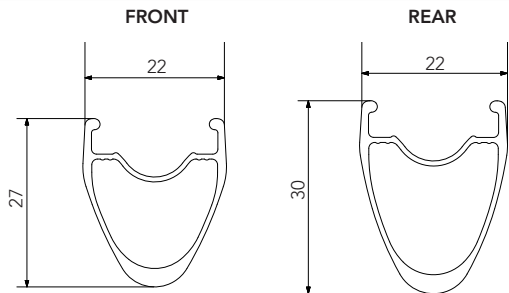
**FH-BUU015** (Campagnolo 9/12) - **FH-BO015X1** (HG 9/11) - **FH-BU016XDR** (XDR)

See exploded view pag. 138


# SHAMAL ULTRA

DB - CLINCHER

## RIM



FRONT RIM  
 REAR RIM  
 LABEL KIT  
 LABEL KIT  
 FRONT TUBELESS VALVE  
 REAR TUBELESS VALVE  
 VALVE HOLE  
 VALVE HOLE BUSHING  
 DIAMETER

WH-001SHDB (without labels)  
 WH-002SHDB (without labels)  
 LAB-SHDB (front + rear) Bright  
 LAB-SHDBD (front + rear) Dark  
 WH-SH101 (35 mm)  
 VA-2WF44 (44 mm)  
 7,5 mm  
 5-WH-SH002 (5 pcs)   
 622 x 17C

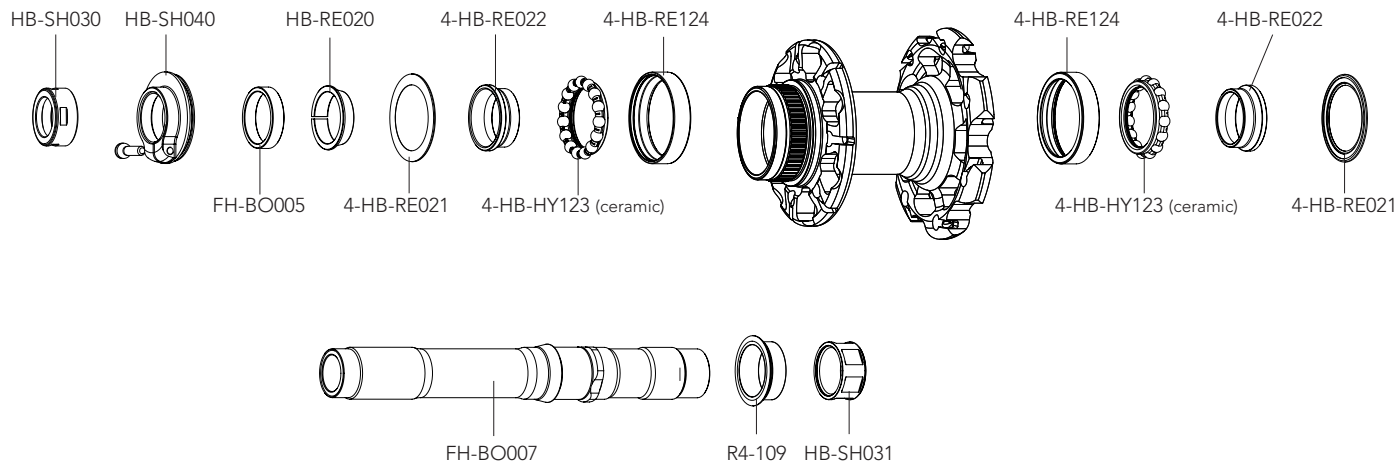
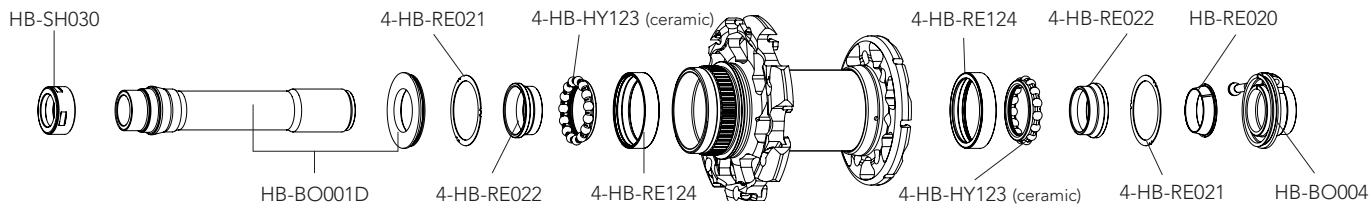
## SPOKES

FRONT LH	WH-016SHDB	1 spoke + 1 nipple
FRONT RH	WH-017SHDB	1 spoke + 1 nipple
REAR RH	WH-018SHDB	1 spoke + 1 nipple
REAR LH	WH-019SHDB	1 spoke + 1 nipple
COMPLETE FRONT KIT	WH-020SHDBF	14 left and 7 right spokes
COMPLETE REAR KIT	WH-020SHDBR	7 left and 14 right spokes
NIPPLES	WH-019SHN	Black Aluminium nipple hex 6 mm (10 pcs)
NIPPLE INSERT	UT-WH110	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple guide

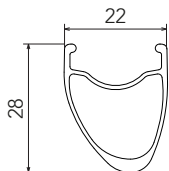
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
QUICK RELEASE	QR19-FRDB	F+R 135 mm QR SKEWER FOR DB WHEELS

## HUBS



## RIM



FRONT/REAR RIM	WH-003ZODB (with labels)
LABEL KIT	LAB-ZOCDB17 (for a pair of front+rear wheels)
VALVE HOLE	6,5 mm
DIAMETER	622 X 17C

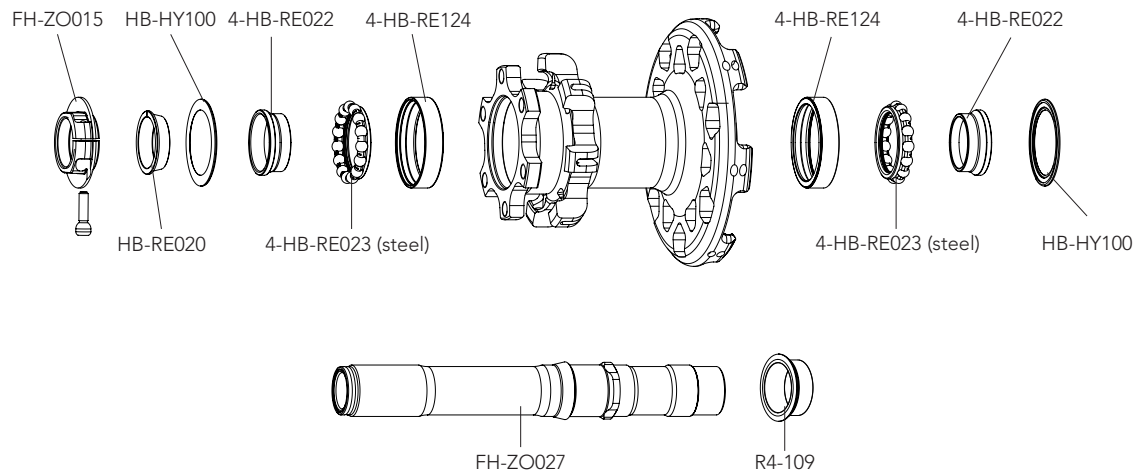
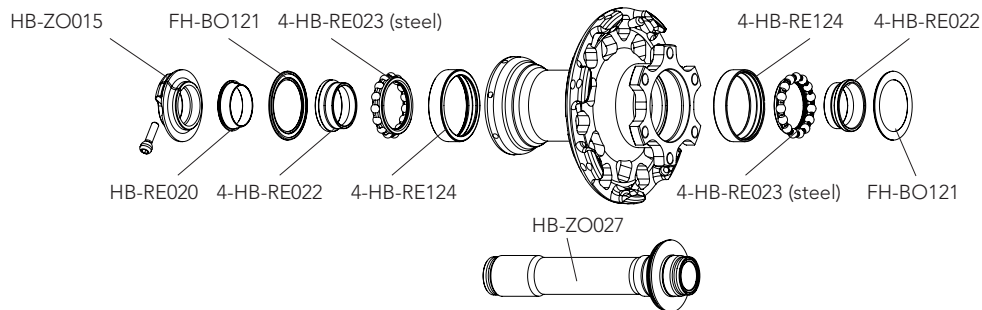
## SPOKES

FRONT LH / REAR RH SPOKE	WH-016ZODB	4 spokes + 4 nipples
FRONT RH SPOKE	WH-017ZODB	4 spokes + 4 nipples
REAR LH SPOKE	WH-019ZODB	4 spokes + 4 nipples
NIPPLES	50-WH-015ZO	50 pieces
NIPPLE INSERT	UT-WH035	magnet-attractor for nipple
NIPPLE MAGNET	UT-WH050	nipple-guide

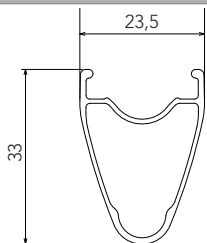
## ACCESSORIES

Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/HG11 FW body package contains the spacer)</i>
QUICK-RELEASES	QR17-ZODBFK QR17-ZODBRK	front quick-release + kit QR rear quick-release + kit QR

## HUBS



## RIM



LABEL KIT  
RIM TAPE  
TUBELESS VALVE  
VALVE HOLE  
DIAMETER

LAB-SCDB19 (for a pair of front+rear wheels)  
2-WH-RT13 (2 pcs)  
VA-2WF44  
6,5 mm  
622 X 19C

## SPOKES

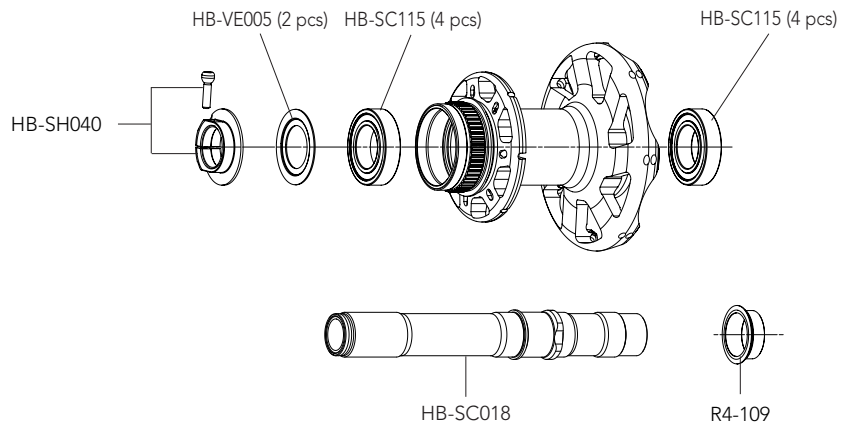
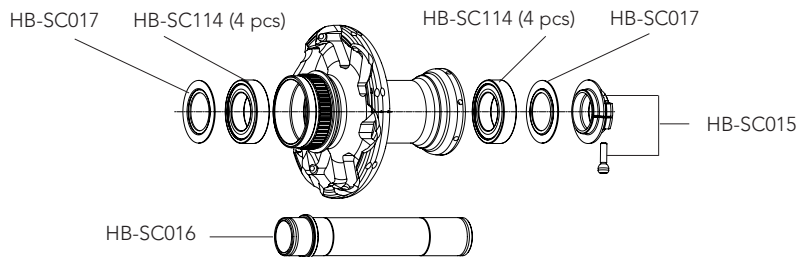
FRONT SPOKE	WH-016SCDB	4 spokes + 4 nipples
REAR RH SPOKE	WH-017SCDB	4 spokes + 4 nipples
REAR LH SPOKE	WH-018SCDB	4 spokes + 4 nipples

## ACCESSORIES

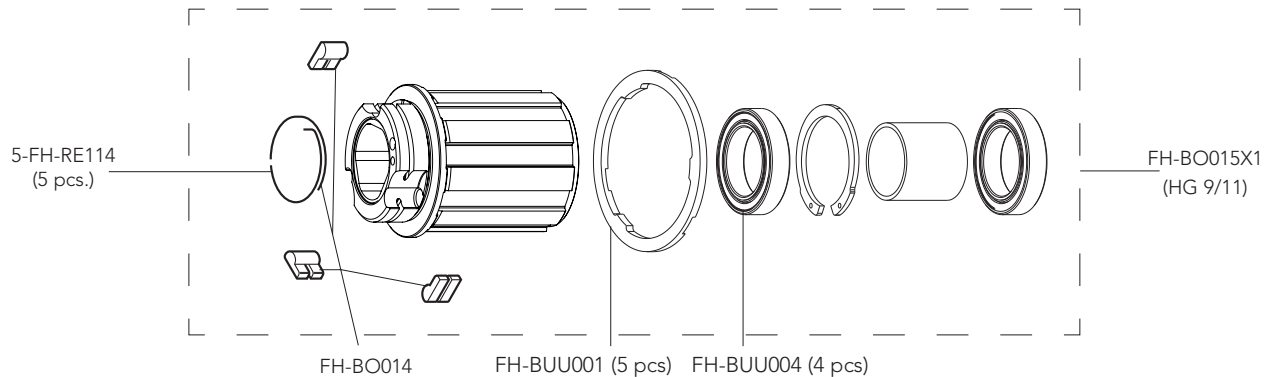
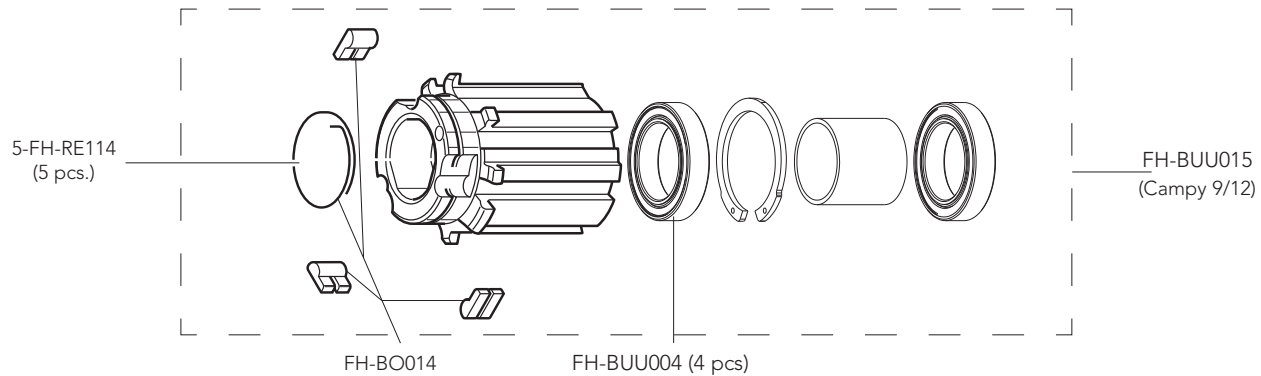
Spacer for HG11 FW body	FH-BUU001	5 pcs - to be used only with 9/10s sprockets <i>(please note that every HG11 rear wheel/FW body package contains the spacer)</i>
QUICK RELEASE	QR19-FRDB	Front + Rear 135 mm QR SKEWER FOR DB WHEELS



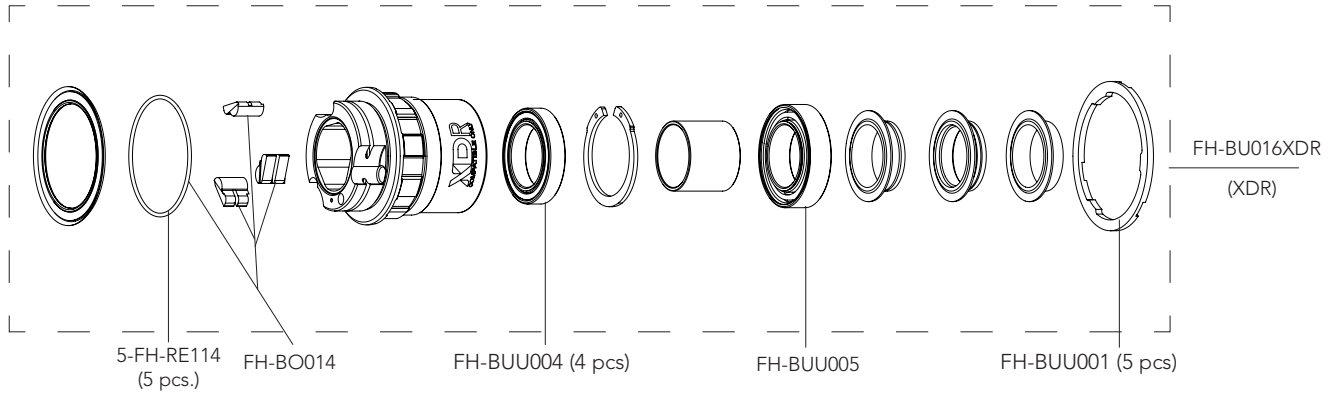
## HUBS



# FW BODIES ROAD WHEELS



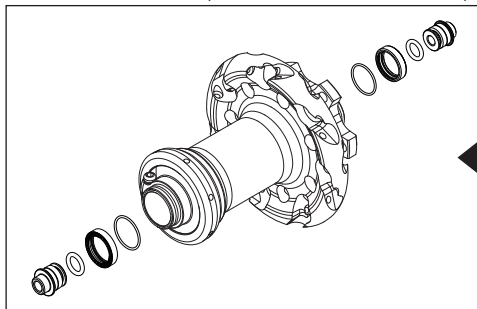
# FW BODIES ROAD WHEELS



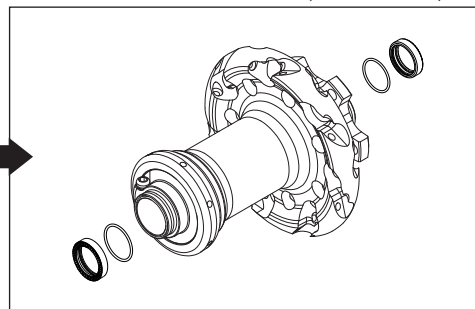
# DB WHEELS - adapters for front axles

ZONDA DB

QR Ø9 mm - 100 mm (KITFCFAQR + KITFCRA12135)

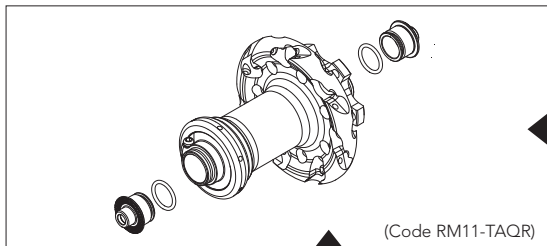


Ø12mm THRU-AXLE - 100mm (KITFCRA12135)

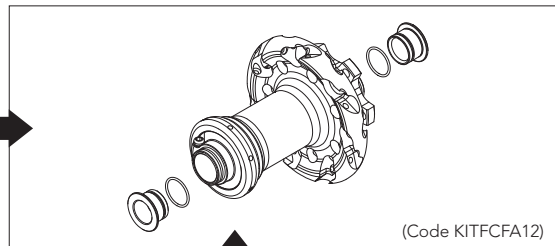


SCIROCCO DB

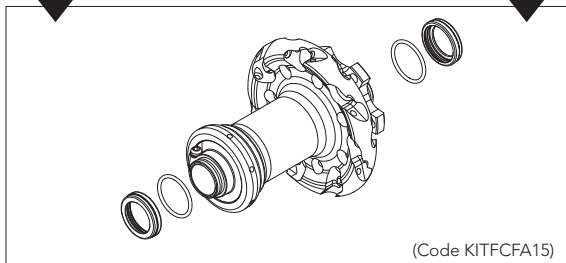
QR Ø 9mm - 100 mm



Ø 12mm THRU-AXLE - 100 mm



Ø 15mm THRU-AXLE - 100 mm

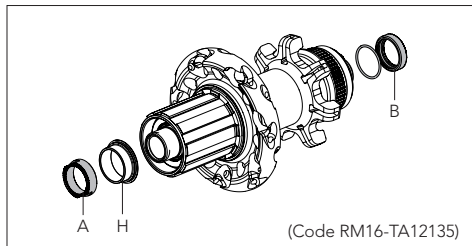


WHEELS

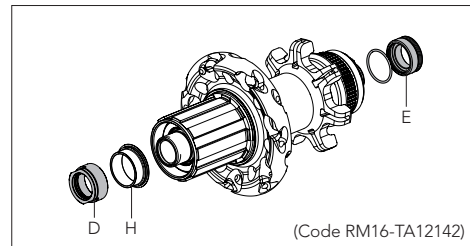
# DB WHEELS - adapters for rear axles

ZONDA DB / SCIROCCO DB

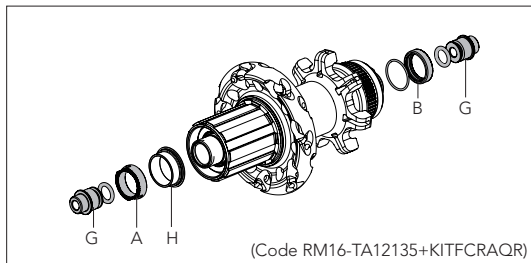
Ø12mm THRU-AXLE- 135 mm



Ø12mm THRU-AXLE - 142 mm



QR Ø 10 mm - 135 mm



A	5,6 mm
B	4,25 mm
D	9,1 mm
E	7,75 mm
G	15,5 mm
H*	7,4 mm
H*: code R4-109 (NOT INCLUDED)	

A + B =	code RM16-TA12135
D + E =	code RM16-TA12142
G + G =	code KITFCRAQR

# QUICK-RELEASES

## MEDIUM-PROFILE WHEELS

KHAMSIN™ ASYMMETRIC™	QR8-40BFR
SCIROCCO™	QR12-ZOBFR
ZONDA™	QR12-ZOBFR
SHAMAL™ ULTRA™	QR13-80FR
SHAMAL™ MILLE	QR13-80FR

## CARBON HIGH-PROFILE WHEELS

BORA™ ONE	QR12-BUUBFR
BORA™ ULTRA™	QR12-BUUBFR
BORA™ WTO	QR12-BUUBFR
BORA™ ULTRA™ TT	QR12-BUUBFR

## DISC BRAKE WHEELS

BORA™ ONE 50 DB	QR17-ZODBFK (front + kit HH=>QR)
BORA™ ONE 35 DB	QR17-ZODBRK (rear + kit HH=>QR)
BORA™ WTO 40 DB	QR17-ZODBFK (front + kit HH=>QR)
ZONDA™ DB	QR17-ZODBFK (front + kit HH=>QR) - QR17-ZODBRK (rear + kit HH=>QR)
SCIROCCO™ DB	QR19-FRDB
SHAMAL™ ULTRA™ DB	QR19-FRDB

QR12-BUUBFR (front+rear)



QR8-40BFR (front+rear)



QR12-ZOBFR (front+rear)  
QR17-ZODBFK (front + kit HH=>QR)  
QR17-ZODBRK (rear + kit HH=>QR)

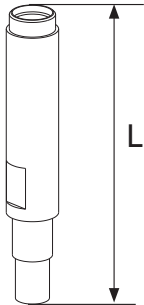



QR13-80FR (front+rear)



# VALVE EXTENSIONS

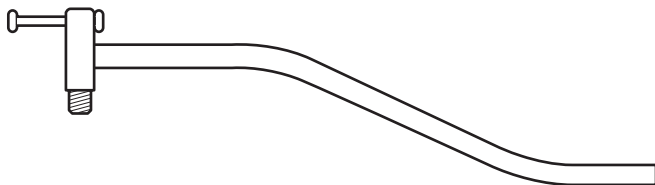
Your wheels are supplied with valve extensions that correspond to depth of the rim as follows:

PROFILE RIM	MALE VALVE ADAPTER (SUPPLIED)		
<p>Verificate secondo la lunghezza della valvola (della camera d'aria o del tubolare) e l'altezza del profilo del cerchio, quale sia la prolunga adatta alle vostre esigenze</p> <p>Check what extension you need according to the length of the valve (inner tube or tubular tyre) and height of the rim profile</p>	UT-WH130M	L = 35 mm	
	UT-WH140M	L = 65 mm	
	UT-WH150M	L = 90 mm	
	UT-HU150	L = 40 mm	
	UT-WH160M	L = 74 mm	

PROFILE RIM	FEMALE VALVE ADAPTER (OPTION)		
<p>Verificate secondo la lunghezza della valvola (della camera d'aria o del tubolare) e l'altezza del profilo del cerchio, quale sia la prolunga adatta alle vostre esigenze</p> <p>Check what extension you need according to the length of the valve (inner tube or tubular tyre) and height of the rim profile</p>	UT-WH130F	L = 37 mm	
	UT-WH140F	L = 67 mm	
	UT-WH150F	L = 92 mm	
	UT-WH160F	L = 80 mm	

USE AIR CHAMBERS (INNER TUBES) WITH A LONG VALVE (AT LEAST 35 mm).

# FRAME PREPARATION / FRONT DERAILLEUR



## UT-VS030

Riscontro allineamento occhiello attacco cambio

Rear derailleur hanger alignment tool



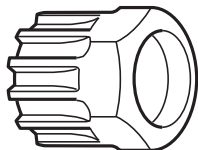
## UT-FD120

Dima per corretto posizionamento deragliatore (2 pz - per Z50 e Z52)

Front derailleur alignment tool (2 pcs - for Z50 and Z52)



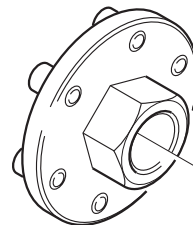
# BOTTOM BRACKET / CRANKSET



## **UT-BB080 (1 pz.) - 10-UT-BB080 (10 pz.):**

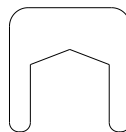
Chiave per montaggio movimenti centrali CART e ghiera di chiusura pacchi pignoni  
Cartridge bottom bracket and sprocket cassette- lock ring remover

**UT-BB100**  
Utensile per movimenti a cartuccia Daytona/Centaur™, Veloce™ e Mirage™  
Tool for Daytona/Centaur™, Veloce™ and Mirage™ cartridge bottom bracket



## **UT-FC090**

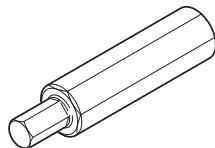
Inserto per estrattore pedivella sinistra POWER TORQUE™  
Insert for left POWER TORQUE™ crank extractor



## **UT-FC095**

Protezione per estrazione pedivella sx POWER TORQUE™  
(5 pz)  
shield f. left POWER TORQUE™ crank extractor insert (5 pcs)

# CRANKSET

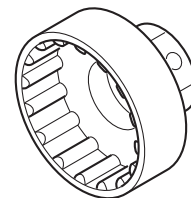


## UT-BB110

Utensile per vite fissaggio guarnitura ULTRA-TORQUE™  
Tool for ULTRA-TORQUE™ crankset fixing screw

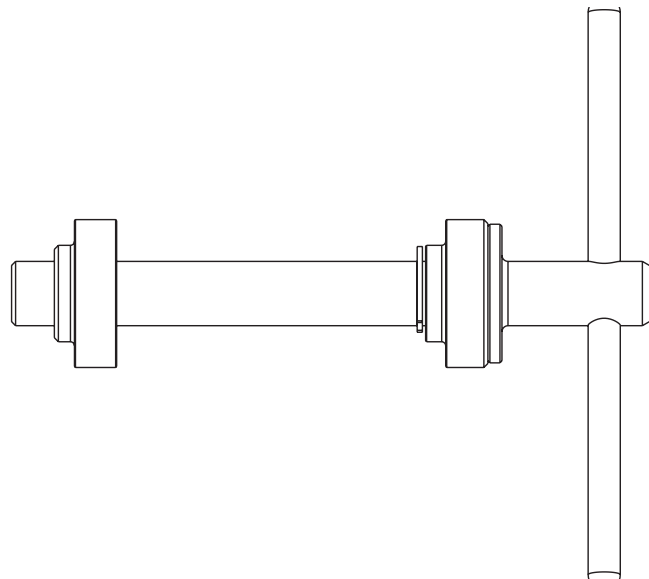
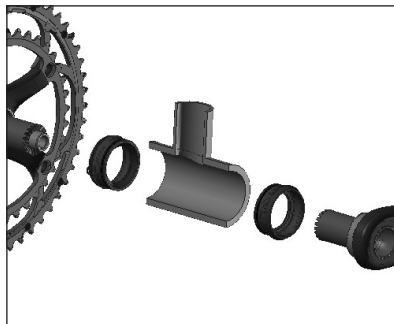
## UT-BB130

Chiave per calotte esterne guarnitura / ghiera AFS™  
Tool for crankset overboard cups / AFS™ locking



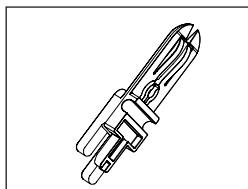
## UT-BB240

Utensile per piantaggio calotte integrate OS-Fit™  
Tool for OS-Fit™ crankset overboard cups

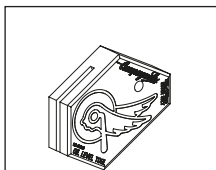


# BRAKES

## DISC BRAKES

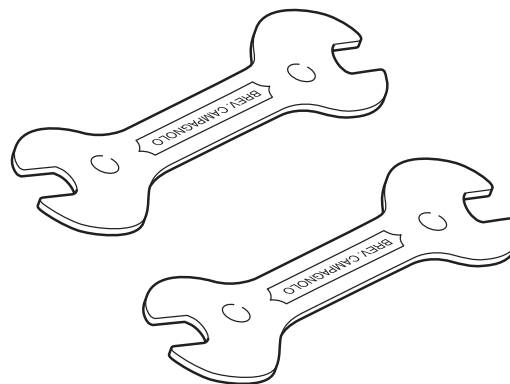


Attrezzo da trasporto /  
Transportation block  
**DB-001** (10 pcs)



Attrezzo livello olio /  
Oil level tool  
**UT-DB010**

## RIM BRAKES



### **UT-BR010**

Coppia chiavi 13-14 per registrazione freni e coni mozzi  
Pair of 13-14 mm spanners for adjusting brakes and hub cones

# WHEELS



## UT-WHDB001

Chiave per perni esagonali  
Tool for hexagonal axle

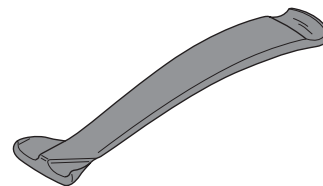
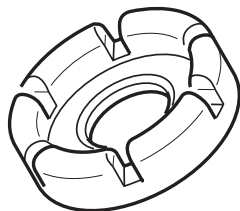


## UT-WHDB002

Inserto metallico per perni esagonali  
Metallic insert for hexagonal axle

## UT-HU050

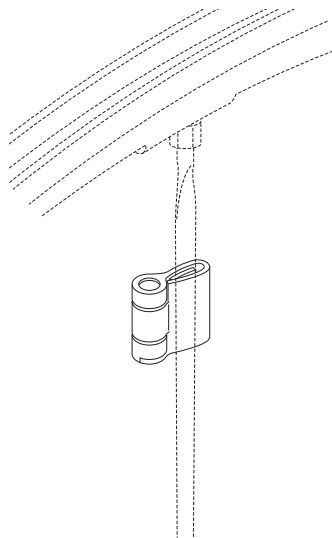
Tiraraggi  
Spoke wrench



## WH-109HYC (6 pcs.)

Leva in composito per rimozione copertoncino  
Composite lever for removing clinchers

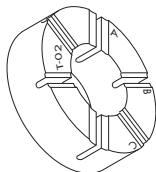
# WHEELS



## UT-WH080

Magnete velocità per raggi SHAMAL™ ULTRA™

SPD magnet for SHAMAL™ ULTRA™ spokes



## UT-WH010

Anello anti-rotazione raggi  
Spoke antirotation ring

## UT-WH090

Chiave tiraraggi BORA ULTRA 80  
Spoke wrench BORA ULTRA 80



## UT-WH020

Inserto nipplo attira-magnete per SHAMAL™ ULTRA / SHAMAL™ MILLE  
Magnet-attracting nipple insert for SHAMAL™ ULTRA / SHAMAL™ MILLE

## UT-WH035

Inserto nipplo attira-magnete per ZONDA™ 2012  
Magnet-attracting nipple insert for ZONDA™ 2012

## UT-WH160

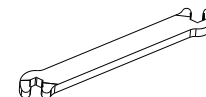
Inserto nipplo attira-magnete per BORA ULTRA / BORA ULTRA TWO / BORA ONE / BORA ONE DB / BORA WTO / BORA WTO DB  
Magnet-attracting nipple insert for BORA ULTRA / BORA ULTRA TWO / BORA ONE / BORA ONE DB / BORA WTO / BORA WTO DB

## UT-WH110

Inserto nipplo attira-magnete per SHAMAL™ ULTRA DB / SHAMAL™ MILLE  
Magnet-attracting nipple insert for SHAMAL™ ULTRA DB / SHAMAL™ MILLE

## UT-WH070

Chiave tiraraggi  
Spoke wrench



## UT-WH270

Chiave tiraraggi per SHAMAL MILLE MY2017 (Service Center Only)  
Spoke wrench for SHAMAL MILLE MY2017 (Service Center Only)

## UT-WH280

Chiave tiraraggi per BORA ONE / BORA ULTRA / BORA WTO / ZONDA (Nipplo sez. quadrata - Service Center Only)  
Spoke wrench for BORA ONE / BORA ULTRA / BORA WTO / ZONDA (Square section nipple - Service Center Only)

# WHEELS

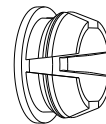


## UT-WH050

Magnete guida-nipplo  
Nipple guide magnet

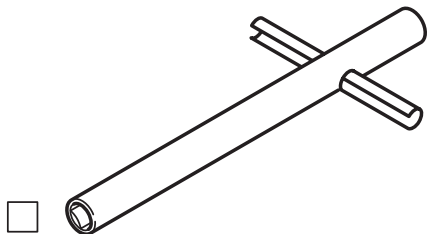
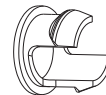
## 5-WH-SH002

Bussola riduzione sede valvola 2WF (5 pz)  
Valve hole bushing for 2WF (5 pcs)



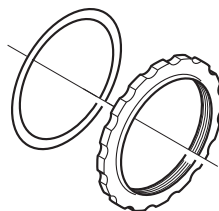
## WH-BUU002

Bussola riduzione sede valvola BORA ULTRA 80 (5 pz)  
Valve hole bushing for BORA ULTRA 80 (5 pcs)



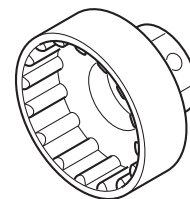
## UT-HU060

Chiave per raggi ruote Bora™ (fino a gamma '02)  
Bora™ wheel truing tool (till '02 range)



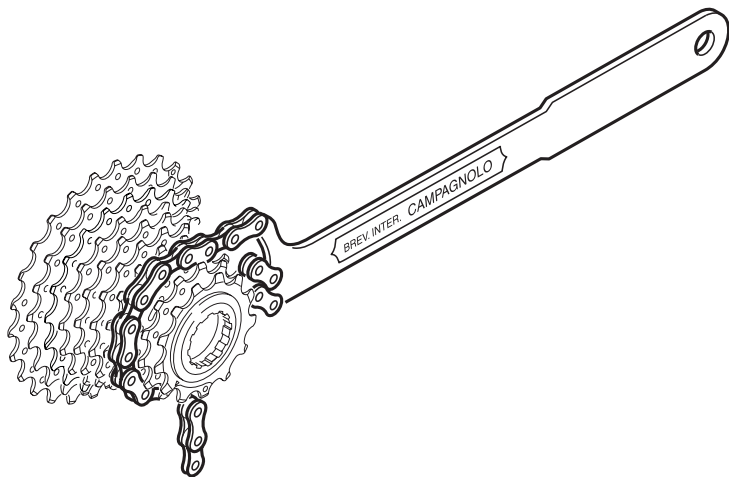
## M1-101 (4 pcs.)

Ghiera AFS™  
AFS™ locking



## UT-BB130

Chiave per calotte esterne guarnitura / ghiera AFS™  
Tool for crankset overboard cups / AFS™ locking



## UT-CS060

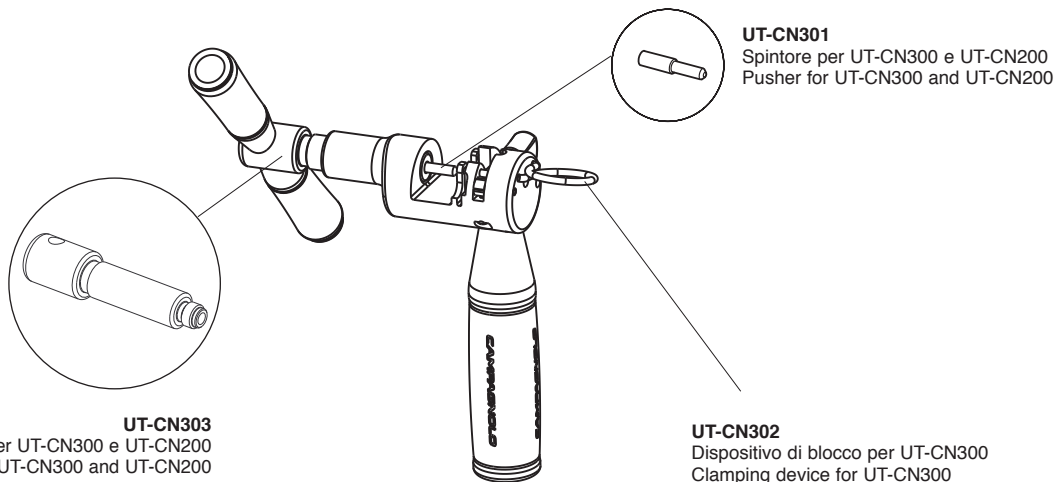
Chiave con catena 10s per smontaggio pignoni 11s, 10s, 9s e 8s  
Spanner with 10s chain for 11, 10, 9 and 8s sprockets

# CHAIN

## UT-CN300

Utensile per *Ultra-Link™* (solo catene 11s / 12s)

Tool for *Ultra-Link™* (11s / 12s chains only)



### UT-CN301

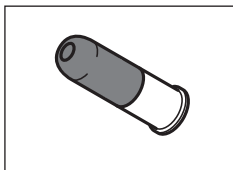
Spintore per UT-CN300 e UT-CN200  
Pusher for UT-CN300 and UT-CN200

### UT-CN303

Perno centrale per UT-CN300 e UT-CN200  
Central axle for UT-CN300 and UT-CN200

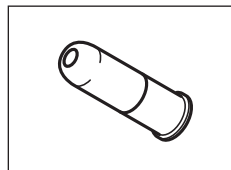
### UT-CN302

Dispositivo di blocco per UT-CN300  
Clamping device for UT-CN300



### 5-CN-RE500

*Ultra-Link™* per catene 11s (5 pz)  
*Ultra-Link™* for 11s chains only (5 pcs)



### 5-CN-SR600

*Ultra-Link™* per catene 12s (5 pz)  
*Ultra-Link™* for 12s chains only (5 pcs)

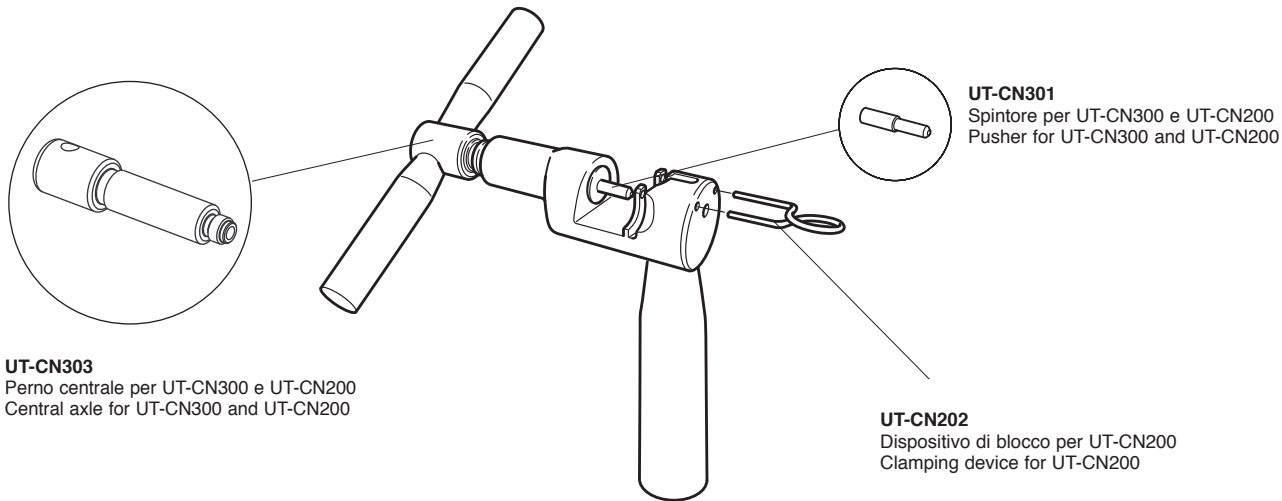


# CHAIN

## CAMPY™ UT-CN200

Utensile per **HD-Link™** (catene C10™ e C10™ Ultra Narrow™)

Tool for **HD-Link™** (C10™ and C10™ Ultra Narrow™ chains)



### UT-CN303

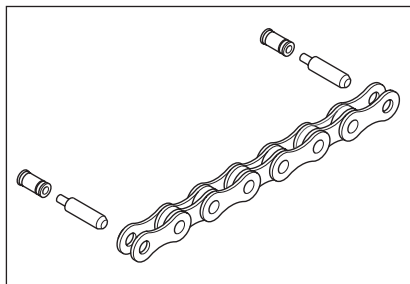
Perno centrale per UT-CN300 e UT-CN200  
Central axle for UT-CN300 and UT-CN200

### UT-CN301

Spintore per UT-CN300 e UT-CN200  
Pusher for UT-CN300 and UT-CN200

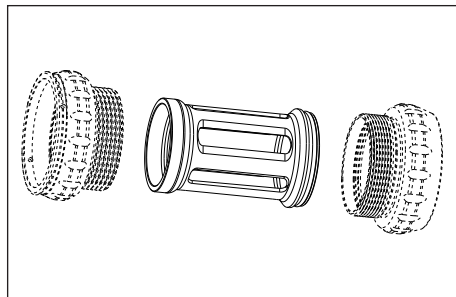
### UT-CN202

Dispositivo di blocco per UT-CN200  
Clamping device for UT-CN200

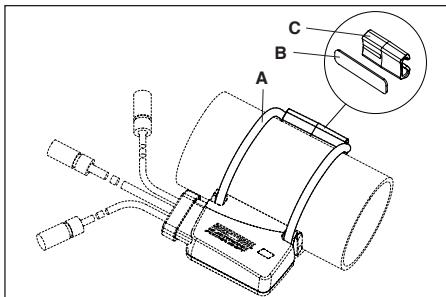


## CN-RE400

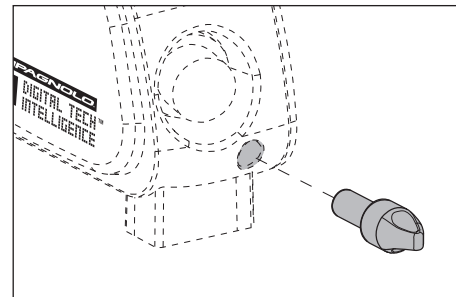
**HD-Link™ Ultra Narrow™** (5,9 mm) per catene C10™ Ultra Narrow™  
**HD-Link™ Ultra Narrow™** (5,9 mm) for C10™ Ultra Narrow™ chains



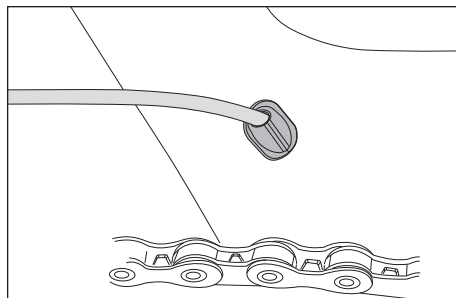
**EPS-001**  
Cilindro guida-cavi  
BB cable guide



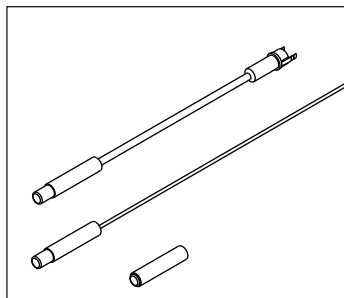
**EPS-002**  
Accessori montaggio sistema di interfaccia (A+B+C)  
Kit for interface assembly (A+B+C)



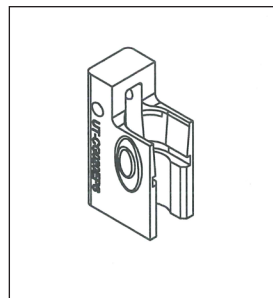
**EPS-003**  
Magnete spegnimento sistema di potenza (5 pz.)  
Switch-off magnet (5 pcs.)



**CG-CS001EPS**  
Gommino passacavi (20 pz.)  
Grommet for cables (20 pcs.)



**UT-CG010EPS**  
Kit magneti passacavi SR-RE  
Cable run magnet kit SR-RE



**UT-CG020EPS**  
Attrezzo apri-connettori SR-RE  
Connector disconnection tool SR-RE

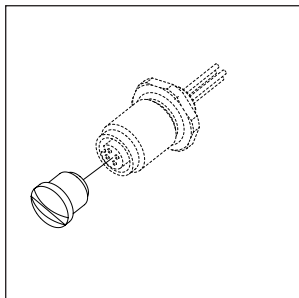


**UT-CG120ATEPS**  
Attrezzo apri-connettori AT  
Connector disconnection tool AT

**CG-CS002EPS**  
Gommino passacavi per Power Unit (10 pz.)  
Grommet for Power Unit cables (20 pcs.)

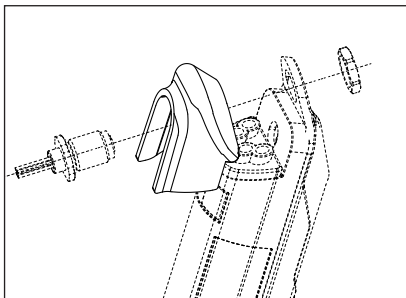
**UT-CG010ATEPS**  
Kit magneti passacavi AT  
Cable run magnet kit AT

# EPS V2 POWER UNIT



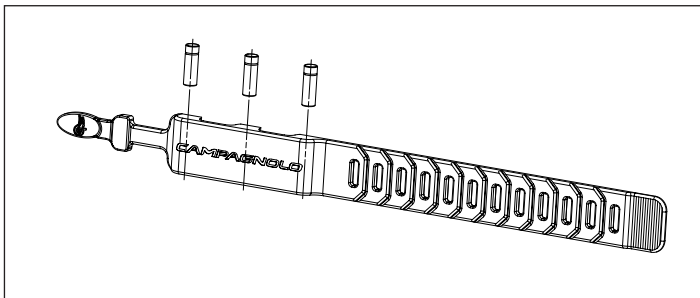
**EPS-004**  
Tappo connettore carica batterie  
PU EPS V2 (5 pz)

PU EPS V2 connector cup (inter-  
nal mount) (5 pcs)



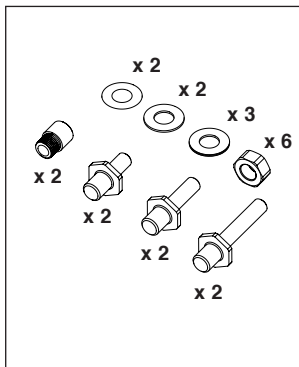
**EPS-005**  
Cappuccio per installazione est. PU EPS V2  
(5pz)

PU EPS V2 external mount connecor cap  
(5pcs)



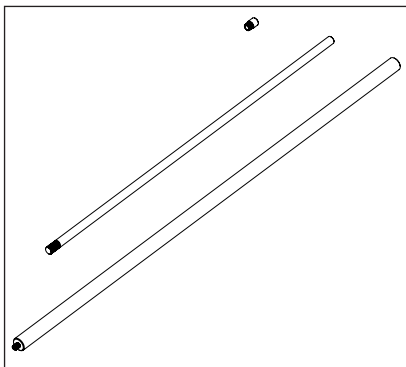
**EPS-006**  
Fascia spegnimento magnetica

Magnetic power block strap



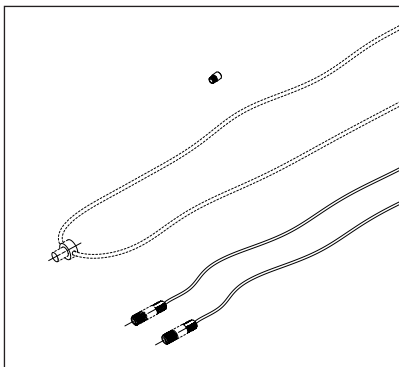
**EPS-107**  
Kit viti Power Unit EPS V2 / V3  
/ V4

EPS V2 / V3 / V4 Power Unit  
screws kit



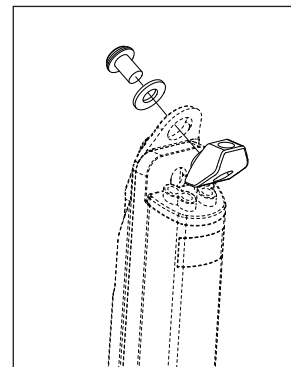
**UT-PU010**  
Kit installazione interna PU EPS V2 /  
V3 / V4

EPS V2 / V3 / V4 PU internal installation  
tool



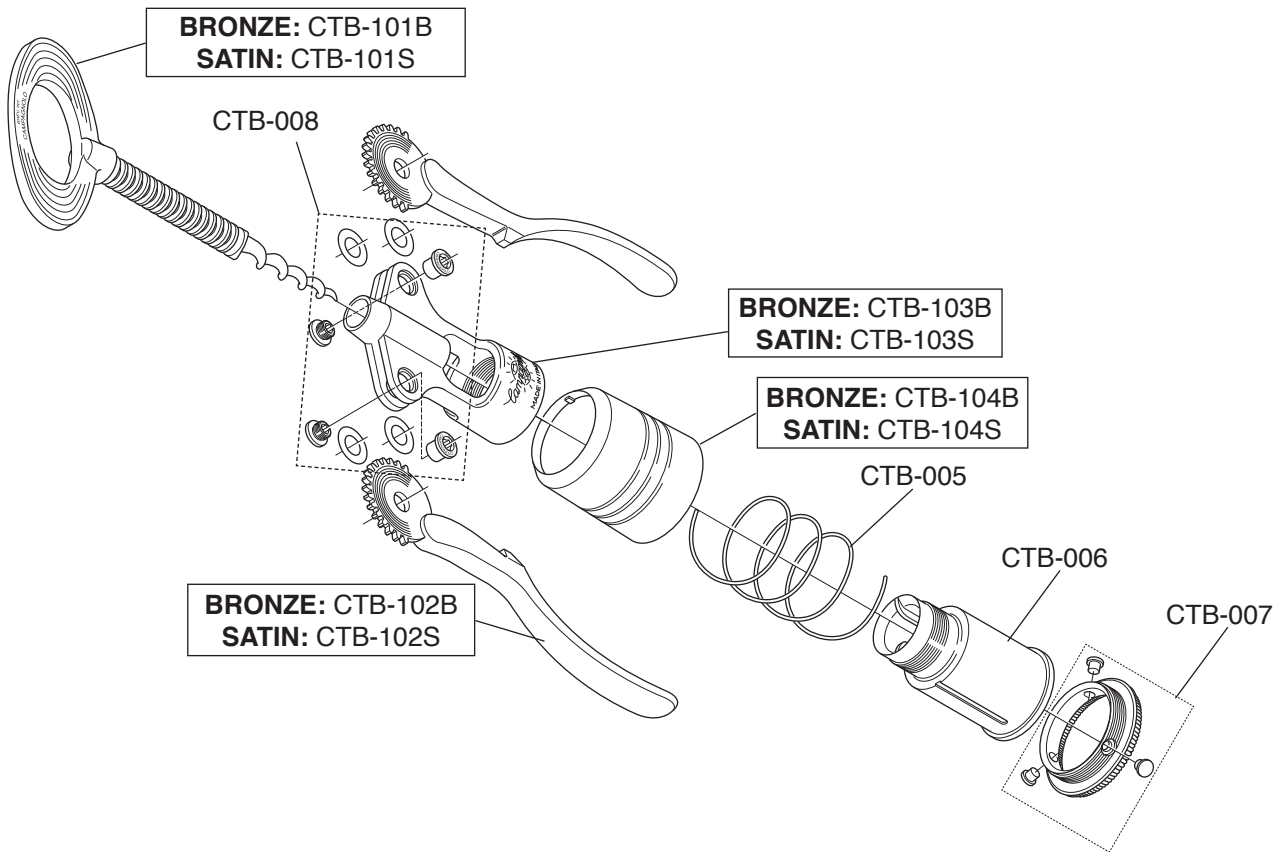
**UT-PU030**  
Kit installazione tubo obliquo  
PU EPS V2

EPS V2 PU down-tube  
installation tool



**UT-PU020**  
Adattatore per installazione  
rovesciata PU EPS V2

EPS V2 PU internal upside-  
down installation adapter



# NOTES

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