

A collage of 15 images showing various components of Scott bicycles, including road bikes, mountain bikes, and e-bikes, arranged in a grid pattern. The Scott logo is visible in the bottom right corner.



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1 SPARK 2012

SPARK



Spark SL 26"



Spark RC 29"

The new Spark is the result of 2 years of research and development for one of the lightest mountain bike frame set available on the market, hitting the scale at below 1830 grams (26") and 1860 grams (29") including the frame, Scott Nude 2 shock and the unique TWINLOC remote control.

The alloy versions of Spark 26"/29" are at 2470 gr for the complete frame incl. shock and remote lever in size M.

The combination of an optimized kinematics with an extraordinary suspension technology closes the gap between superlight hardtail bikes (e.g. Scott Scale) and the new generation of marathon bikes (e.g. Scott Genius).

Spark was designed for riders looking for a dual suspended race and marathon bike offering a maximum rear wheel travel of 120mm (26")/100mm (29").

Scott does not see frame and rear shock as single components which are assembled together on a bike, but as a concept with all these components working together and offering an outrageous function by matching perfectly.

The Spark Concept is based on a multi-pivot technology.

The damping performance was improved in comparison to the already famous "old" Spark, and with reworking also the kinematics we were able to reach a better progression in the end of the stroke/travel of the swingarm.

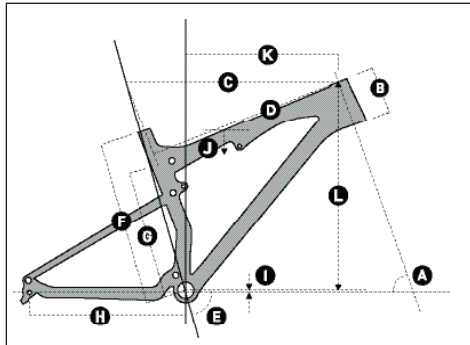
The Scott system, named TC (Traction Control) will allow you to reduce by remote control the rear wheel travel from 120 (26")/100 (29")mm to 85 (26")/70(29")mm including a more progressive spring rate but still offering a supple break away.

No power will be lost and an optimum power transfer is guaranteed as the swingarm, in contrary to locked or automatic-locking systems, can follow the trail surface and will offer perfect traction and higher speed while standing on the pedals.



SPARK

GEOMETRY/TECHNICAL DATA SPARK 26" AND 29":



SPARK 26

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING	XL HIGH BB SETTING	XL LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in	160 mm 6.3 in	160 mm 6.3 in
C TOPTUBE LENGTH HORIZONTAL	553 mm 21.8 in	555 mm 21.9 in	589 mm 23.2 in	590 mm 23.2 in	618 mm 24.3 in	620 mm 24.4 in	648 mm 25.5 in	650 mm 25.6 in
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 in	509 mm 20.0 in	540 mm 21.3 in	540 mm 21.3 in	570 mm 22.4 in	570 mm 22.4 in	602 mm 23.7 in	602 mm 23.7 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in	540 mm 21.3 in	540 mm 21.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in	435 mm 17.1 in	435 mm 17.1 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in	835 mm 32.9 in	830 mm 32.7 in
WHEELBASE	1072 mm 42.2 in	1073 mm 42.2 in	1108 mm 43.6 in	1109 mm 43.7 in	1140 mm 44.9 in	1141 mm 44.9 in	1172 mm 46.1 in	1173 mm 46.2 in
K REACH	397 mm 15.6 in	391 mm 15.4 in	429 mm 16.9 in	423 mm 16.7 in	453 mm 17.8 in	448 mm 17.6 in	478 mm 18.8 in	473 mm 18.6 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in	598 mm 23.5 in	602 mm 23.7 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm	100 mm	100 mm

SPARK 29

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING	XL HIGH BB SETTING	XL LOW BB SETTING
A HEAD TUBE ANGLE	70.1°	69.5°	70.1°	69.5°	70.1°	69.5°	70.1°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 in	105 mm 4.1 in	105 mm 4.1 in	105 mm 4.1 in	115 mm 4.5 in	115 mm 4.5 in	125 mm 4.9 in	125 mm 4.9 in
C TOPTUBE LENGTH HORIZONTAL	568 mm 22.4 in	570 mm 22.4 in	598 mm 23.5 in	600 mm 23.6 in	628 mm 24.7 in	630 mm 24.8 in	649 mm 25.6 in	650 mm 25.6 in
D TOPTUBE LENGTH ACTUAL	518 mm 20.4 in	518 mm 20.4 in	539 mm 21.2 in	539 mm 21.2 in	566 mm 22.3 in	566 mm 22.3 in	588 mm 23.1 in	588 mm 23.1 in
E SEAT TUBE ANGLE	73.1°	72.5°	73.1°	72.5°	73.1°	72.5°	73.1°	72.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	440 mm 17.3 in	440 mm 17.3 in	481 mm 18.9 in	481 mm 18.9 in	541 mm 21.3 in	541 mm 21.3 in
G BB CENTER TO TOPTUBE CENTER	335 mm 13.2 in	335 mm 13.2 in	350 mm 13.8 in	350 mm 13.8 in	403 mm 15.9 in	403 mm 15.9 in	448 mm 17.6 in	448 mm 17.6 in
H CHAINSTAY LENGTH	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in
I BB OFFSET	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in
J BB HEIGHT	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in
STANDOVER HEIGHT	762 mm 30.0 in	758 mm 29.8 in	768 mm 30.2 in	764 mm 30.1 in	806 mm 31.7 in	802 mm 31.6 in	836 mm 32.9 in	833 mm 32.8 in
WHEELBASE	1082 mm 42.6 in	1082 mm 42.6 in	1112 mm 43.8 in	1112 mm 43.8 in	1143 mm 45.0 in	1143 mm 45.0 in	1163 mm 45.8 in	1163 mm 45.8 in
K REACH	386 mm 15.2 in	379 mm 14.9 in	416 mm 16.4 in	409 mm 16.1 in	442 mm 17.4 in	436 mm 17.2 in	456 mm 18.0 in	453 mm 17.8 in
L STACK	602 mm 23.7 in	606 mm 23.9 in	602 mm 23.7 in	606 mm 23.9 in	611 mm 24.1 in	615 mm 24.2 in	623 mm 24.5 in	625 mm 24.6 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm	100 mm	100 mm

SPARK

TECHNICAL DATA SPARK 26"

Travel	120/85/0mm
Suspension Ratio	2.4
Piston stroke	50mm
Shock length (Eye to Eye)	190mm
Hardware Mainframe	22,2mm x 6mm
Hardware Swingarm	22.2mm x 6mm
Seatpost diameter	31.6mm
Headset	semi integr. for tapered 1 1/8-1.5 (44.0/54.9mm inner diameter of frame) or with 1 1/8 straight (44.0mm)
Fork travel	120mm
Fork length	490mm
BB housing	BB PF 92 carbon / 73mm alloy
Front derailleur	Shimano E-Type / SRAM S3 direct mount
Bearings	2 x IGUS, 6 x 6802 (24x15x5)

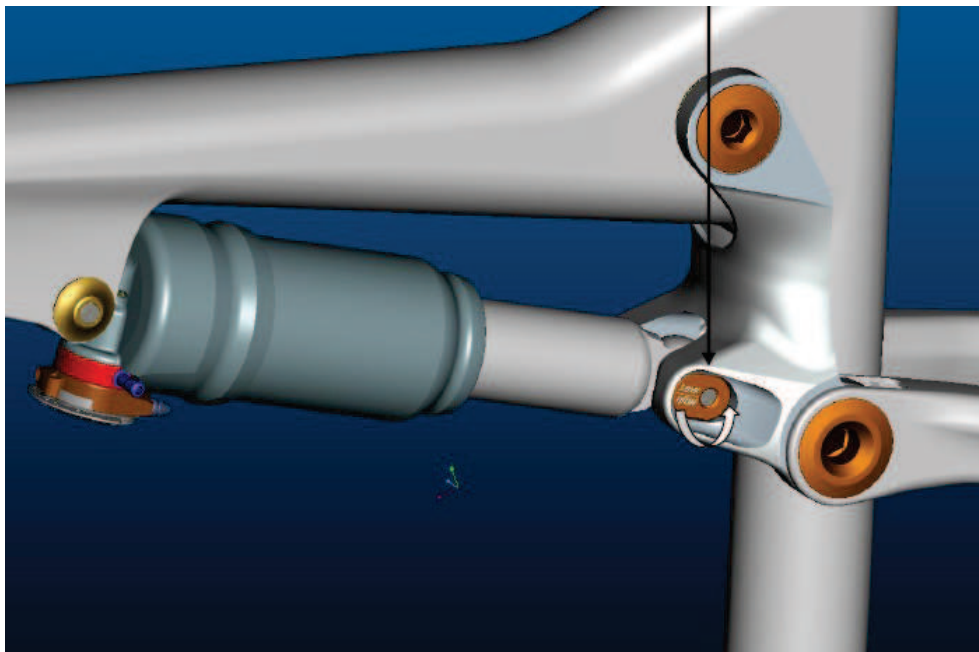
TECHNICAL DATA SPARK 29"

Travel	100/70/0mm
Suspension Ratio	2.63
Piston stroke	38mm
Shock length (Eye to Eye)	165mm
Hardware Mainframe	22,2mm x 6mm
Hardware Swingarm	22.2mm x 6mm
Seatpost diameter	31.6mm
Headset	semi integr. for tapered 1 1/8-1.5 (44.0/54.9mm inner diameter of frame) or with 1 1/8 straight (44.0mm)
Fork travel	100mm
Fork length	503mm
BB housing	BB PF 92 carbon / 73mm alloy
Front derailleur	Shimano E-Type / SRAM S3 direct mount
Bearings	2 x IGUS, 6 x 6802 (24x15x5)

SPARK

ADJUSTABLE BB HEIGHT

On Spark bikes equipped with the Nude 2 TC shock you can adjust the BB height above ground in 2 positions by flipping a geometry chip located on the linkage bar shock mount.



1. low BB for lower center of gravity over ground
2. high BB for bigger clearance between pedals/crankset and obstacles on the ground

IMPORTANT:

It is not possible to use this geometry chip with other shock models than the Nude 2.

The shock might collide with parts of the frame or linkage bar.

Models originally equipped with another shock than the Nude 2 TC will have a chip with a centered shock bolt hole.

This part can be ordered with:

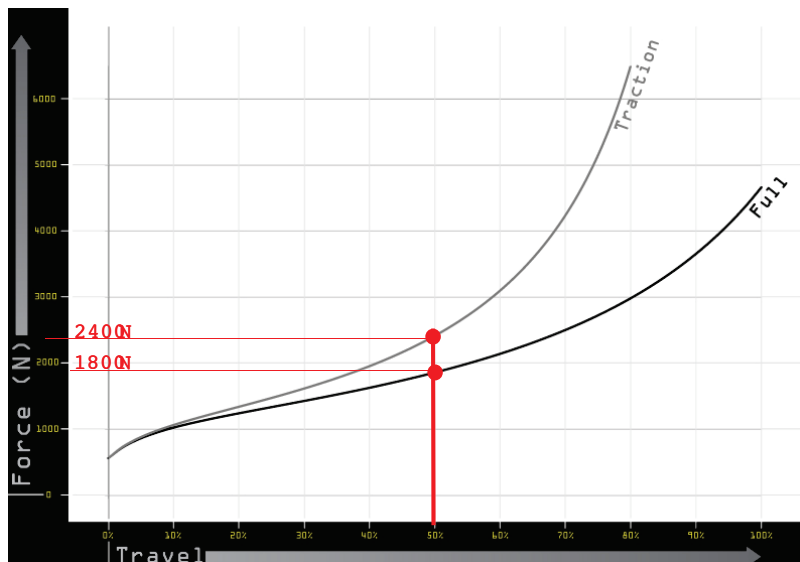
223306-223	Geometry Chip Spark DT Nude 2 shox 2012
223307-223	Geometry Chip Spark no DT shox 2012



SPARK

The TC system works like this on the Spark in combination with the Nude 2:

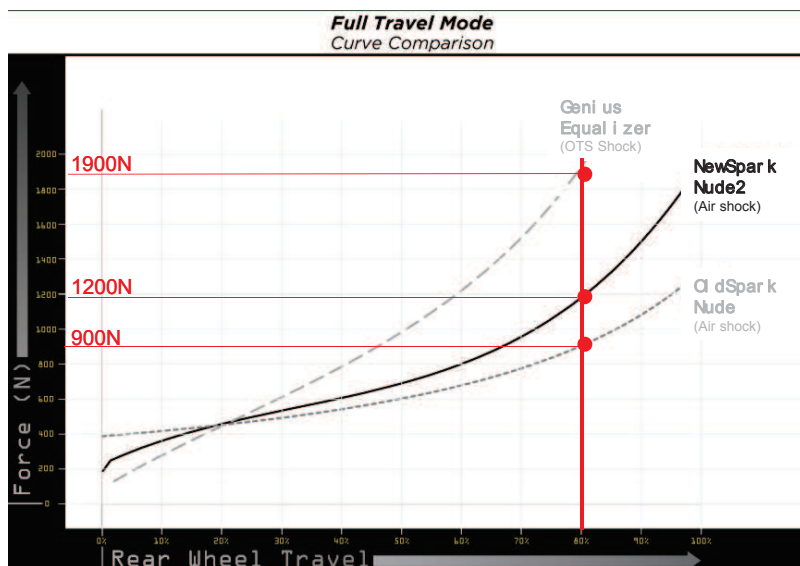
As already well-known from the Nude TC shock also the Nude 2 shock offers 3 steps, Lockout, Traction-Mode and Full-Mode.



This results in following shock spring curves:

You can see on the left side of the chart below the steep and very progressive spring curve of the Traction Mode with a max. travel of 50% of the complete travel and on the right side the Full Mode spring curve which is in mid travel still quite linear and only becomes progressive in the end of the stroke to protect the shock, frame and rider against a bottom out.

If you compare this to the shock curves of Nude TC of the “old” Spark and the Equalizer 2 of the Genius you will also see a different performance.



The spring curve is more progressive than on the Nude TC to have a very responsive and “race-driven” reaction of the shock but on the other hand also more linear than the EQ2 shock of the Genius in order to use the full travel of the bike.

In addition the patented Scott TWINLOC system will help you to lock-out the front fork also on the fly with a remote control combined with the one of the rear shock.

SPARK

TC SHOCK TECHNOLOGY/TWINLOC LEVER

The heart of the TC-System is the new developed Scott Nude 2 Shock made by DT Swiss, offering three functions which make this system possible.

The TWINLOC remote control lever is the evolution of the already outstanding TRACLOC system of Scott.

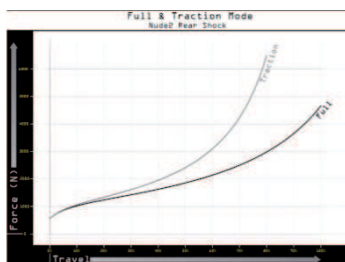
While TRACLOC allowed only the change on the Scott TC rear shocks between the Scott patented Lock-out, traction and full-mode on the fly from the handlebar, the TWINLOC allows also the remote control of the front fork to shift between lock-out and open mode at the same time when you change the modes on the Scott rear shox.

In combination with SRAM/RockShox DNA 3 forks it is also possible to have a traction mode on the fork. This is made exclusively for Scott.

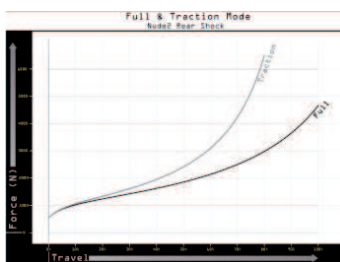
The 3 modes on the lever and suspension units are:

- **ALL TRAVEL MODE:** Full travel rear, full travel front
- **TRACTION MODE:** Traction mode rear, full travel front (with SRAM/RockShox DNA 3 fork: traction mode)

NUDE2 TRACTION & FULL MODES



ROCK SHOX **DNA3** TRACTION & FULL MODES



For details on the function of the DNA3 System of RockShox please refer to the Tech Info provided by SRAM/RockShox.

- **LOCK-OUT MODE:** Lock-out rear, lock-out front

Therefore Scott offers 3 different TWINLOC/Nude 2 levers with following fork/rear shock combinations:

- Nude 2 with SRAM DNA 3 fork (Scott Article number: 223298)
- Nude 2 with adapters for SRAM /RockShox fork and FOX fork/DT Swiss fork (Scott Article number: 216351)
- DT M210 with adapters for SRAM /RockShox fork and FOX fork/DT Swiss fork (Scott Article number: 216352)

Please note that the DT Swiss M210 rear shock does not offer a traction mode, but only lock-out and full-mode.

IMPORTANT:

You can only assemble the TWINLOC remote lever in "left side upward position" on the handlebar.

SPARK

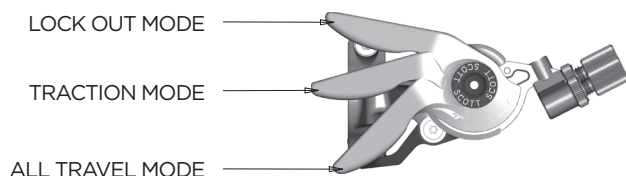
You have 3 positions on the TWINLOC remote lever.

- **most forward position:** ALL TRAVEL MODE
- **middle position:** TRACTION MODE
- **most backward position:** LOCK-OUT MODE

By using the TWINLOC remote lever you can chose following functions:

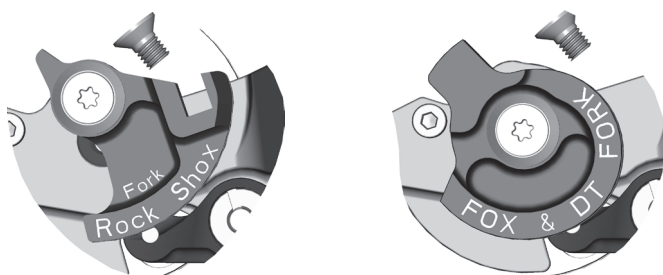
1. ALL TRAVEL MODE: full travel of 120/100mm (26"/29")
2. TRACTION MODE: by reducing the internal chamber volume inside the shock the travel of the shock will be reduced to around 60% (approx. 85/70mm) the characteristic of the air spring gets harder. This results in climbing without "bobbing" and offers still optimum traction of the rear wheel.
3. LOCK OUT MODE: the shock is locked; climbing on asphalt roads is now possible without any power loss. Simultaneous a blow-off-system prevents the shock being damaged in case the rider did not open the system while crossing obstacles.

You will find the following positions on the remote lever:



For the assembly of the remote control of the front fork lock-out 3 different cable systems are existing. The different roll for the pull of the fork remote cable can be changed within few minutes to adapt the lever to your fork model/brand.

You will see on the downside of the roll the indication of the fork brand or the fork model.



SPARK

For RockShox forks Scott offers 2 different levers.

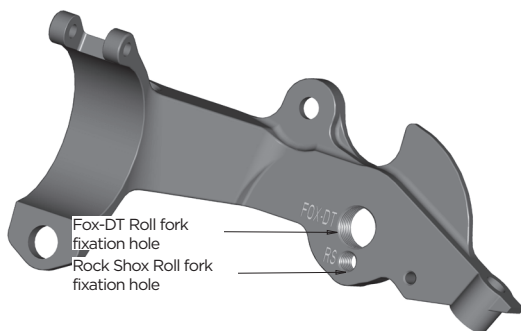
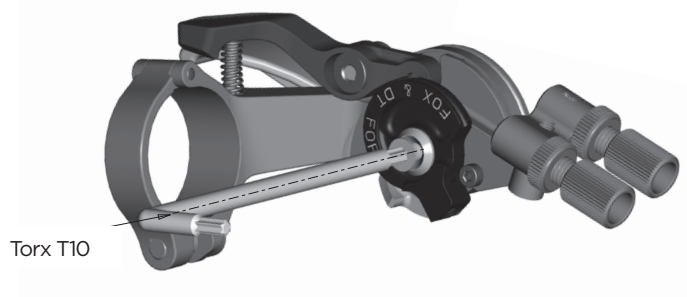
1. For regular 2 position fork in lockout and full-mode with a red colored roll with Scott article number: 216351
2. For forks with DNA mode made exclusively for Scott with a traction mode option also on the fork with an blue colored roll with a "DNA3" logo on the roll with Scott article number: 223298

The remote cable assembly is the same on both versions, please refer to the description shown below after the explanation of the change of the rolls between different fork brands.

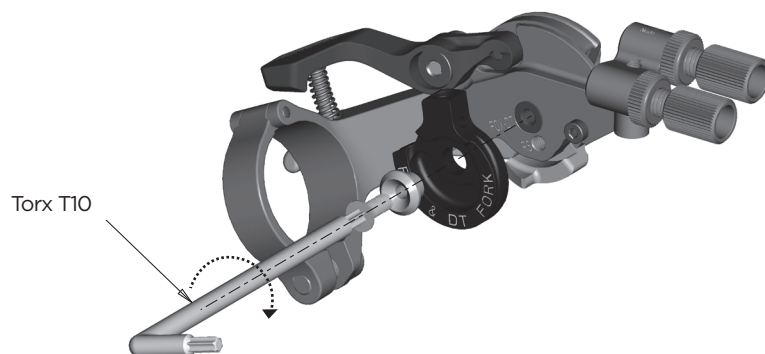
Please kindly note that the cable roll of a DNA3 fork-lever is not interchangeable with the regular rolls of 2 step forks. You need to use another lever!

To change the rolls to match another fork brand pls follow the drawings below:

ROLL FORK UNMOUNTING



ROLL FORK MOUNTING



SPARK

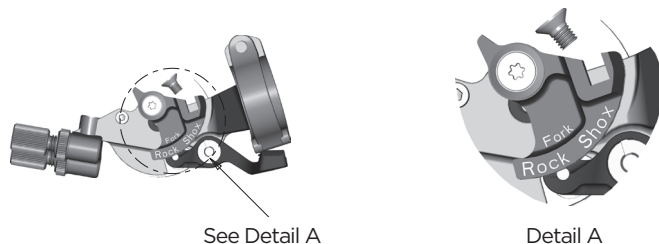
ASSEMBLY OF THE REMOTE CABLE

SRAM/ROCKSHOX FORKS:

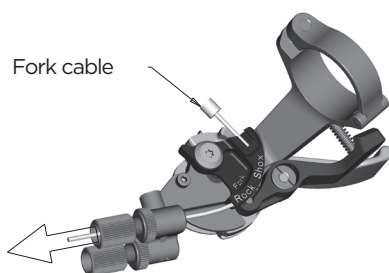
IMPORTANT:

Please make sure the lockout of SRAM/RockShox fork is activated after transport correctly. Therefore please compress fork 5-10 times before following the manual on remote cable installation and adjustment.

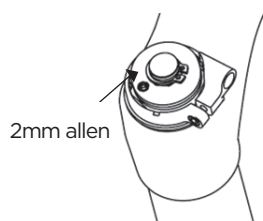
The lever should show on the downside of the cable roll follow indication:



To assemble the cable please bring the lever into the All Travel Mode, push the cable into the lever-eyelet as shown on drawing below, push it through the pre-cut cable housing and fix it at the assembly unit on top of the right side of the fork crown.



Fix the cable with the 2mm allen screw on the barrel adjuster on the fork crown with a tightening torque of 0.9Nm/ 8lb/in, cut the cable and secure it with a cable end-cap. Please refer for this action also to the manual of SRAM/RockShox attached to the bike.

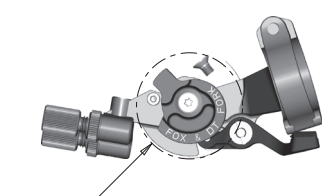


FOX-DT SWISS FORKS

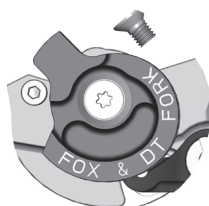
IMPORTANT:

Please make sure the lockout of FOX/DT fork is activated after transport correctly. Therefore please compress fork 5-10 times before following the manual on remote cable installation and adjustment.

The lever should show on the downside of the cable roll follow indication:



See Detail B



Detail B

Full mode



Fork cable

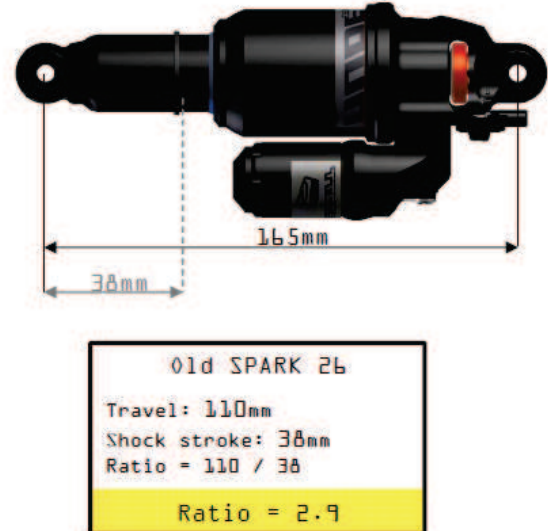
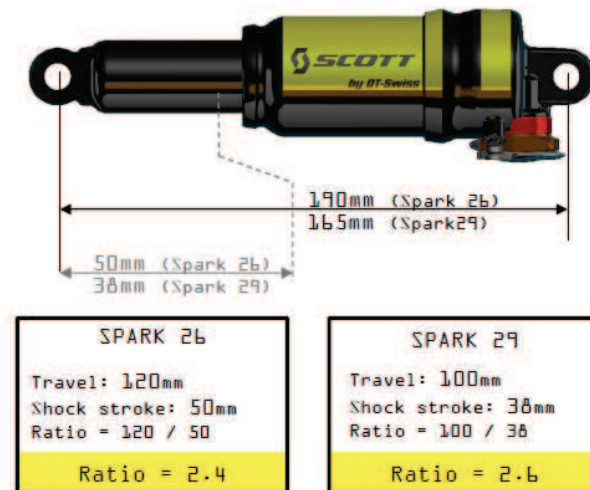


SPARK

THE NEW NUDE 2 IN COMPARISON TO NUDE TC:

Nude2 (new Spark) : 220g

Nude (old Spark) : 230g



Beside the reduced weight and the 2nd air chamber that is now inside the main shock body the biggest difference is the reduced ratio which allows a better function and control on compression and rebound.

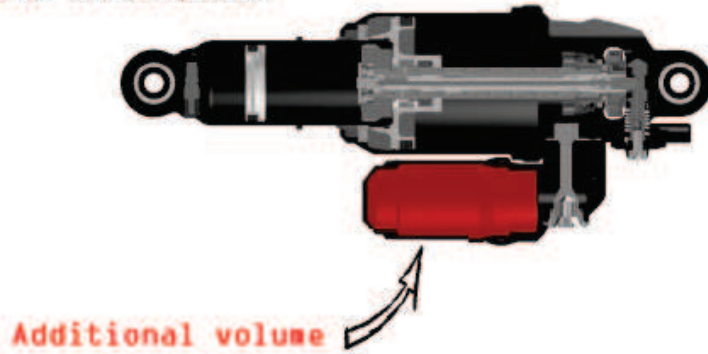
With the slower movement the oil flow can be controlled better, the system works more precise.

Pls note, that on air shocks it won't make sense to reduce the ratio to a lower value than 2.4 as otherwise the temperature in the shock will rise due to friction of the air chamber seals. (on a coil-over shock it would be possible, but a coil-over shock can neither offer a 2 chamber system nor the weight of an air-shock).

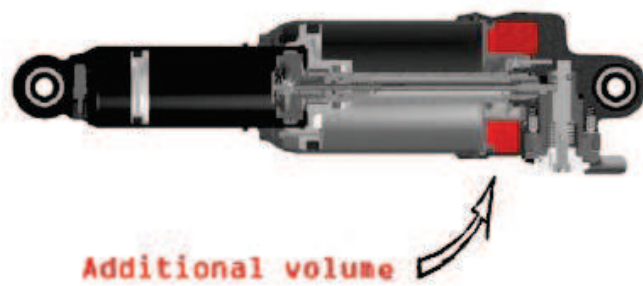
With the second air chamber now integrated in the shock body it is possible to use also on smaller frame size bigger water bottles due to the bigger clearance inside the front frame triangle.

SPARK

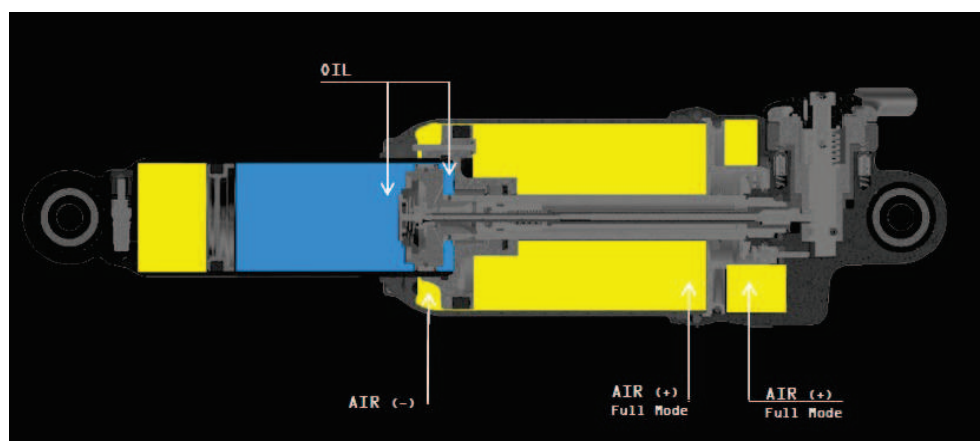
Nude (old Spark)



Nude2 (new Spark)

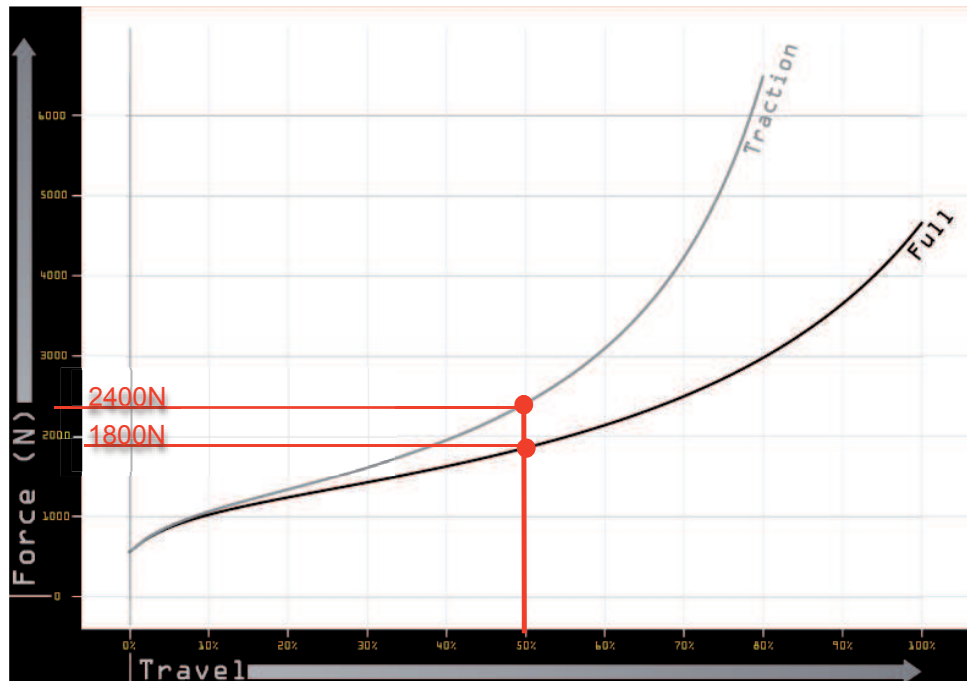


Please find below the split of the air chambers inside the Nude 2:



SPARK

With both positive (+) chambers connected the shock offers a mostly linear spring rates which just get progressive towards the end of the stroke.



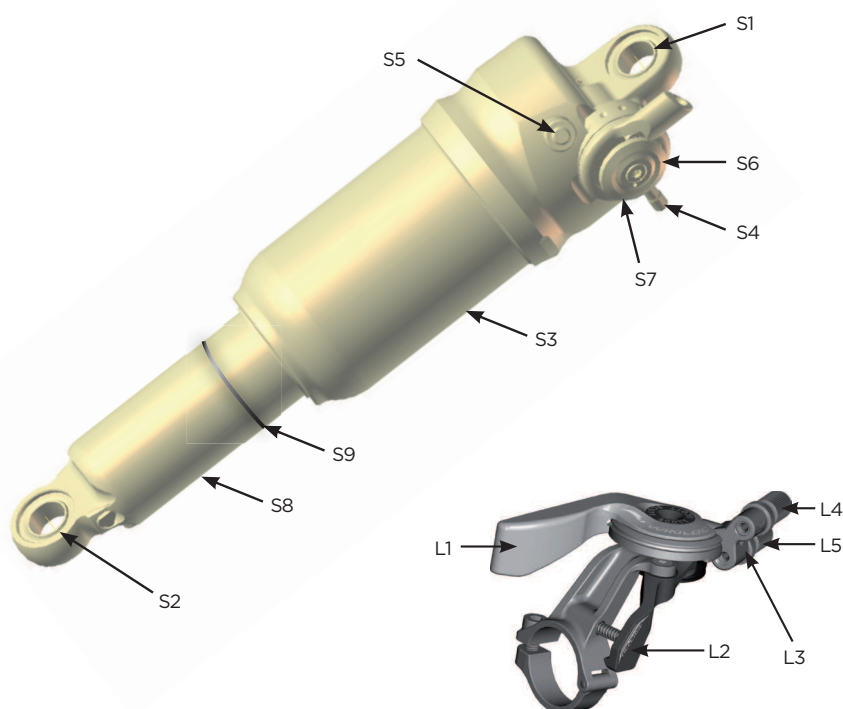
In Traction Mode only the bigger positive chamber remains open, so the spring rate is more progressive, the rear wheel travel is reduced to 60% and also the SAG is reduced.

All this helps to have a perfect climbing performance in combination with a efficient pedalling and power transfer to the ground with a still active suspension.

SPARK

NUDE 2 SHOCK AND TWINLOC REMOTE CONTROL LEVER

In the drawing of the shock and remote lever, shown below, you will see the parts indicated with numbers which will be used in the manual for the adjustment and set-up.



S1 Front eyelet/ Shock Bolt	L1 Remote Lever
S2 Rear eyelet/ Shock Bolt	L2 Release Button
S3 Shock Housing	L3 Remote Control Cables
S4 Rebound-Adjuster Knob	L4 Cable Tension Screw Fork Remote
S5 Positive Chamber Valve	L5 Cable Tension Screw Shock Remote
S6 Remote Control Wheel	
S7 Cable Fixing Screw (hidden behind remote wheel)	
S8 Shock Piston	
S9 SAG Indicator (o-ring on piston)	

SPARK

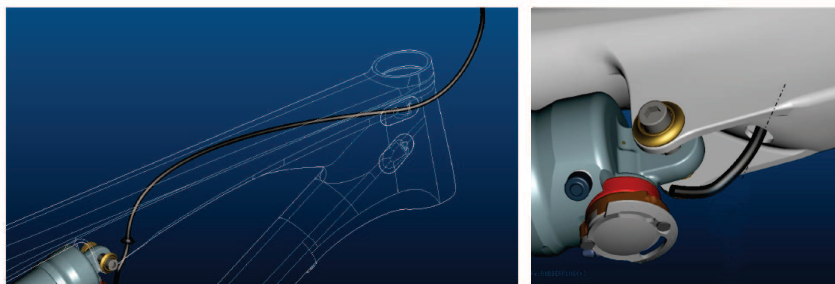
BASIC SET-UP OF THE TWINLOC REMOTE CONTROL

NUDE 2 SHOCK:

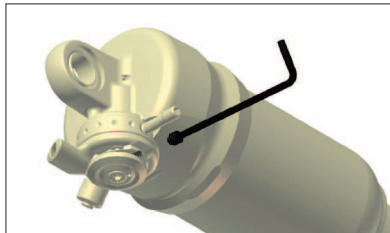
To ensure perfect function of the Nude 2 TC shock it is very important to follow the steps shown below exactly.

On Spark Carbon frames you will find an internal cable routing.

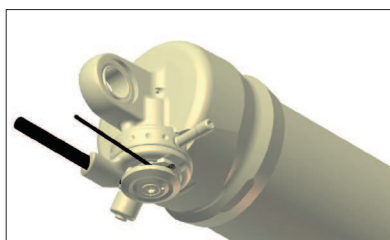
Push the inner cable first through the remote lever in the upper cable routing of the lever and then through the cable housing as shown below inside the toptube.



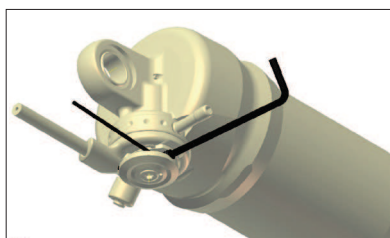
On alloy frames a regular outside cable routing, the outer cable housing is fixed on cable mount ports with cable zippers.



- 1 Loosen the cable fixing screw (S7) by turning it counter clockwise with a 2mm allen key.

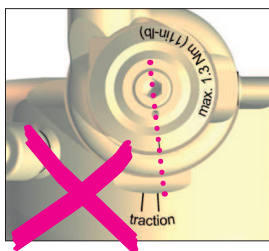
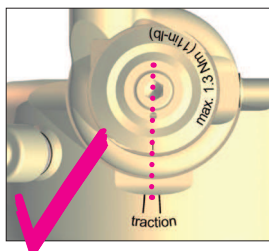


- 2 Insert a new cable via lever hole and cable housing and push it into the shock as shown around the remote wheel (S6)

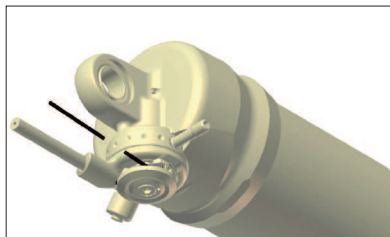


- 3 Tighten the cable and fix the cablefixing screw (S7) by turning it clockwise with a 2mm allen key and a max. Tightening torque of 1.6Nm.

SPARK

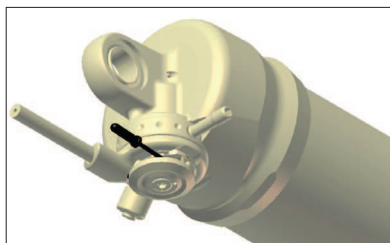


4 Check



5 Cut the cable approx. 20mm away from the remote wheel and push a cable end-cap on the cable until it touches the end of the cable.

Fix it by squeezing it with pliers.



6 Push a cable end-cap on the cable until it touches the end of the cable.

Fix it by squeezing it with pliers.

DT M210 SHOCK:

Please follow the details shown in the manuals of DT Swiss attached to this bike.
Basically it is very similar to the abovementioned assembly of the Nude 2.

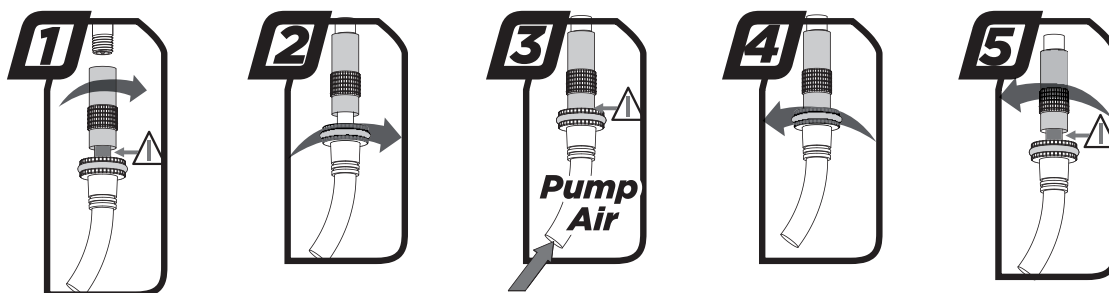
SPARK

RECOMMENDED TOOLS FOR THE SHOCK SET-UP

For the set-up of the shock we recommend to use a shock pump with a scale up to 20 bars/300 psi with a special air valve connector preventing from air getting away while removing the pump from the shock valve, this will result in an exact air pressure. .

Please note that air will flow into the hose and indicator when counterchecking the air pressure, so you have to set up again the recommended pressure after this action.

Make sure to balance at least this air loss when you make a check of the air pressure of the shock. Pls also note that the indicators of shock pumps have a tolerance of max. 10%



SET-UP SPARK WITH NUDE 2 SHOCK

The Set-Up of the Scott Nude TC Shock can be easy done within a few minutes.

IMPORTANT:

For all adjustments of the air spring the remote lever has to be in position "all travel"

To adjust the air pressure of the air chamber of the Scott Nude 2 Shock please refer to the following instruction:

1. Remove the valve cap of the valve (S5) located on the shock housing (S3).
2. Mount the shock pump with its adaptor on the valve
3. Pls take into account that it takes some air pressure from inside the shock to drive the indicator on the pump. Make sure to balance at least this air loss when you make a check of the air pressure of the shock. Pls also note that the indicators of shock pumps have a tolerance of max. 10%
4. Pump the recommended pressure into the shock. On the shock you will find a decal showing the recommended air pressure of the positive chamber according to the rider's weight.
5. When you reached the needed pressure remove the pump and put the valve cap on the valve

SPARK

RECOMMENDED AIR PRESSURE

NUDE2 SPARK 26, 120MM TRAVEL

Riders Weight		Air Pressure	
KG	LBS	BAR	PSI
45	99	3.9	57
50	110	4.4	64
55	121	4.9	71
60	132	5.4	79
65	143	5.9	86
70	154	6.4	93
75	165	7.0	101
80	176	7.5	109
85	187	8.0	116
90	198	8.6	124
95	209	9.1	132
100	220	9.7	140
105	231	10.2	148
110	242	10.8	156

NUDE2 SPARK 29, 100MM TRAVEL

Riders Weight		Air Pressure	
KG	LBS	BAR	PSI
45	99	4.5	65
50	110	5.0	72
55	121	5.5	80
60	132	6.1	89
65	143	6.7	97
70	154	7.3	106
75	165	7.9	114
80	176	8.5	123
85	187	9.1	132
90	198	9.8	142
95	209	10.4	151
100	220	11.1	160
105	231	11.7	170
110	242	12.4	180

SAG

The SAG should be 20% = 10mm/26" and 7mm/29" on the shock piston.

To check the adjustment, please follow as shown below:

1. Sit on the bike, put your feet on the pedal
2. Put your feet back on the ground and stand over the bike without bouncing the bike during this action
3. Check if the o-ring (S9) on the shock piston (S8) has a distance of 10/7mm to the main dust wiper/seal between shock housing and piston.
 - if the distance between the o-ring and the main dust wiper/seal is 10/7mm, the air pressure is matching to your weight
 - if the distance between the o-ring and the main dust wiper/seal is less than 10/7mm, the air pressure of the air chamber is too high and should be carefully reduced by using the bleed knob of the shock pump until the distance is 10/7mm.
 - if the distance between the main dust wiper/seal is bigger than 10/7mm, the air pressure of the air chamber is too low and should be increased by using the shock pump until the distance is 10/7mm.



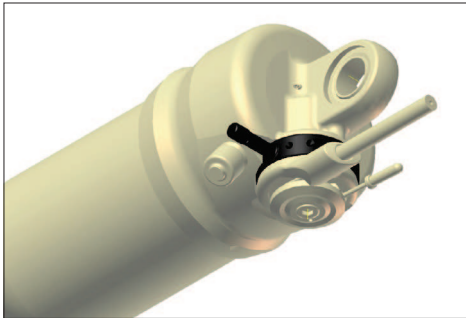
SPARK

SET-UP OF REBOUND NUDE 2 SHOCK

“Rebound” describes the speed the shock comes back to its original length after absorbing an obstacle.

By using the rebound adjuster knob (S4) you can adjust the rebound step by step.

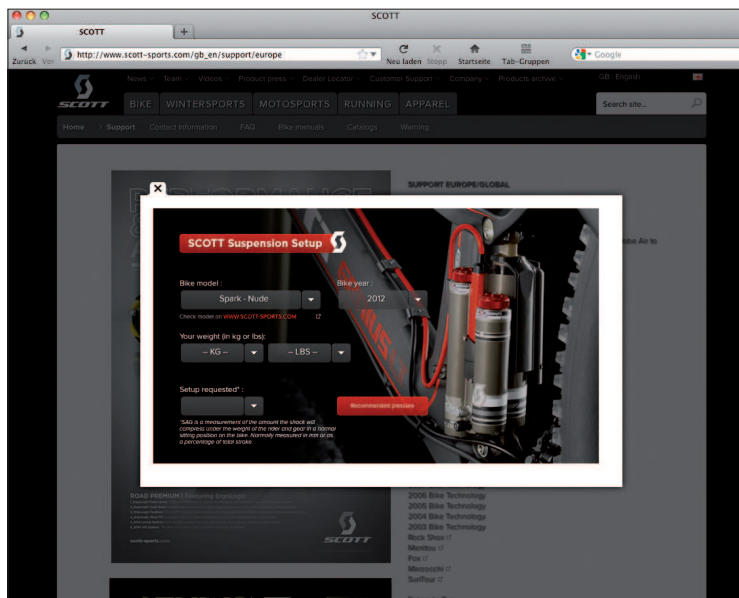
Please refer to the following instruction:



Ride your bike off a pavement (remain in the saddle) and check how many times it bounces.

- If it bounces 1-2 times, the set up is good.
- If it bounces more than 3 times the rebound is too fast.
Turn the knob 1-2 “clicks” clockwise
- If it does not bounce the rebound is too slow.
Turn the knob 1-2 “clicks” counter clockwise.

In case you want even more detailed figures of air pressure or tuning hints, you can download a program under www.scott-sports.com in the support area of the website



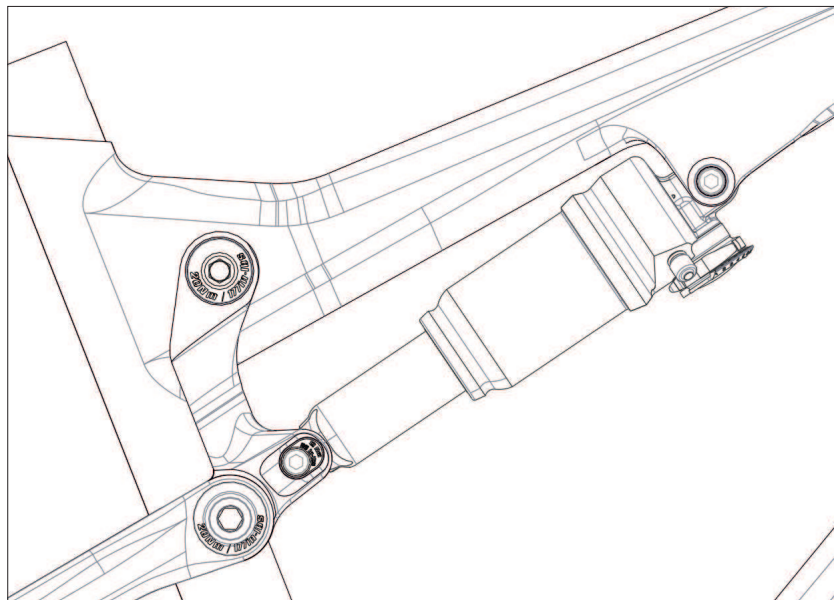
SPARK

IMPORTANT:

Note that you have to mount the Scott Nude 2 Shock always as shown underneath.

Mounting the rear shock in a different position can cause severe damages to the frame, the linkage levers and the rear shock.

Same for the DT M210 and X-Fusion E1 shock on some of the Spark models.



IMPORTANT:

After a dismantlement of the rear shock, both fixing bolts should be tightened with a tightening torque of 5Nm/44in-lbs.

If this is not done correctly the rear shock can be damaged.

SET-UP OF OTHER SHOCK MODELS

Scott strongly recommends using only the Scott Nude 2 (DT M210/X-Fusion E1 Shock with the Spark bike, as we designed both parts for a perfect matching combination with a linear suspension rate.

Also on those shock models the SAG should be 10mm/26" and 7mm/29".

For all basic steps on inflating the shock and adjusting the rebound please refer to the description of the Nude 2 TC set-up.

OTHER SHOCK MODELS ON SPARK

If you want to use a different rear shock model than the one originally on the bike, please make sure that the shock will not in any position hit the frame and cause a damage to the frame.

Please follow the instruction below:

Please make sure that the rear shock or its accessory parts do not touch the frame when mounting or suspending.

For doing so release the air/remove the coil, install the shock and compress the shock completely.

If the shock touches the frame while doing so, do not use this shock in order to avoid damage to frame, swingarm or shock.



SPARK

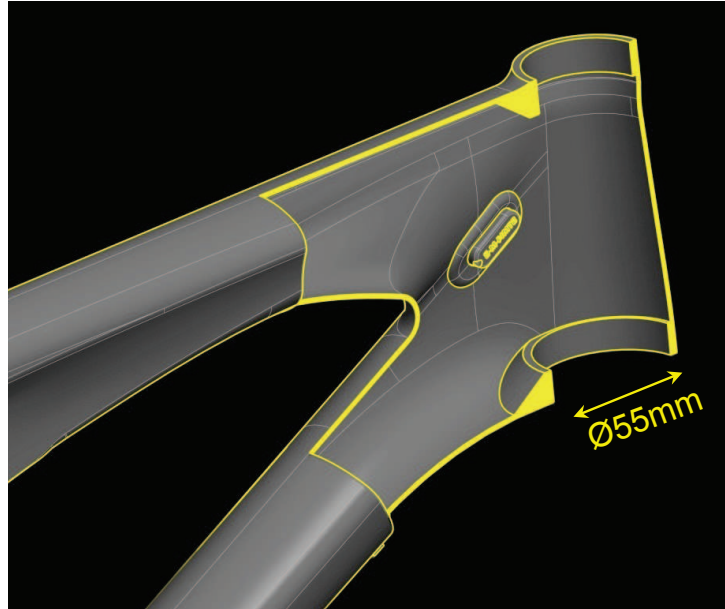
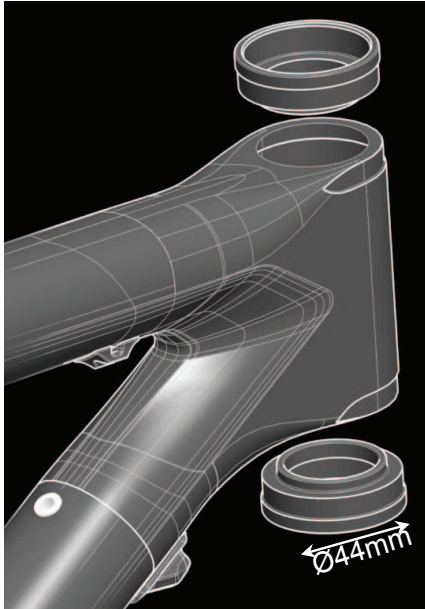
FRAME DETAILS

Increased headtube strength by following points:

In contrary to the “old” Spark the new Spark has no additional headset cups bonded to the frame.

OLD SPARK:

NEW SPARK



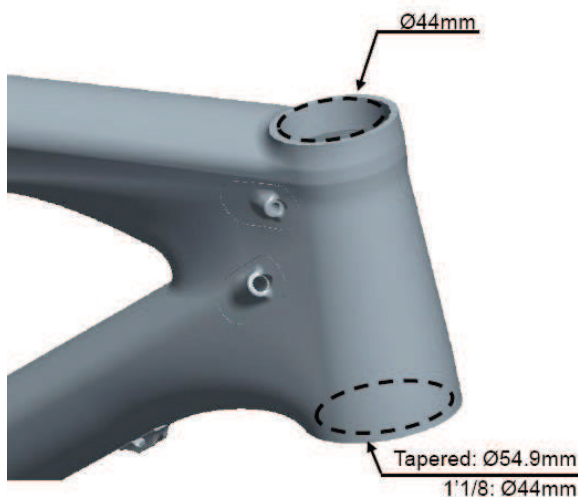
Beside this the new Spark Carbon and also some alloy models show a tapered headtube with 55 instead of 44mm inner diameter of the headset cups.

In addition some alloy models have a regular 1 1/8 semi integrated headset with straight 44mm inner diameter of both cups.

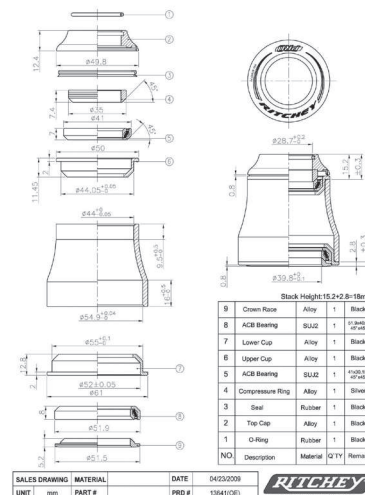
HEADSET OPTIONS

Spark features different versions of headset systems.

1. a tapered headset and fork steerer system to match with semi-integrated headsets of the “50-61”mm range with ID of Headtube of 44.0mm on top and 54.9mm on the lower end.



Headset Pro Zero Logic Press Fit Taper 18mm



SPARK

Ritchey WCS Carbon Zero Tapered	PF 50-61mm	18mm UD	PRD 13636
Ritchey PRO Tapered	PF 50-61mm	12.9mm	PRD 13640

It is also possible to use forks with a standard 1 1/8" steerer tube when using a reducer headset such as e.g.

Ritchey WCS Carbon Zero Tapered	PF 50-61mm	18mm UD for 1 1/8 fork	
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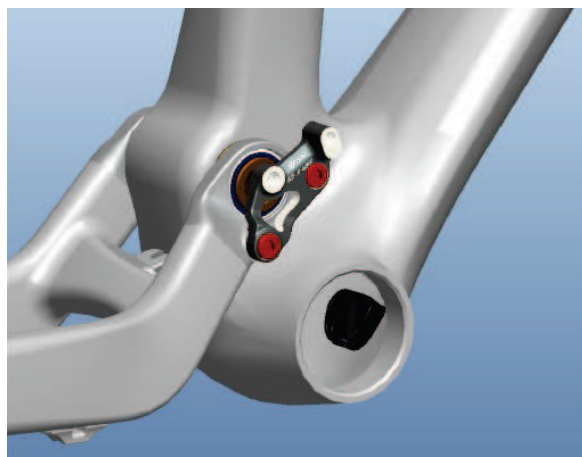
2. A straight 1 1/8" headset and fork steerer system to match with semi-integrated headsets with an ID on the headtube of 44.0mm on top and lower end

This is a standard part in the market and should be available from several parts manufacturers.

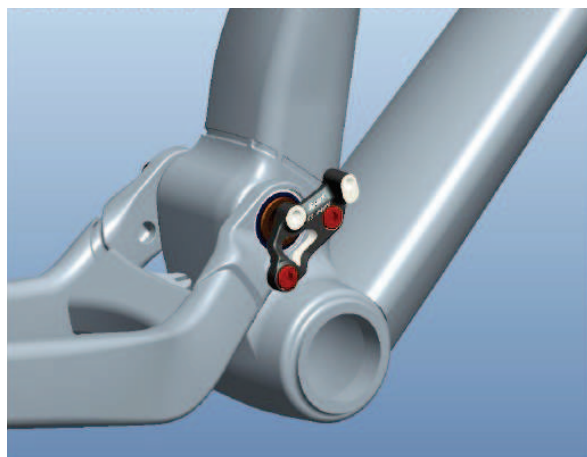
BOTTOM BRACKET (BB) ON SPARK

All carbon front frames of Spark have a BB shell for BB92PF standard.

This matches to several bearing and crankset models of Shimano, SRAM, FSA and others.



All alloy front frames of Spark have a BB shell for 73mm BSA standard.



SPARK

FRONT DERAILLEUR (FD) MOUNTING DETAILS

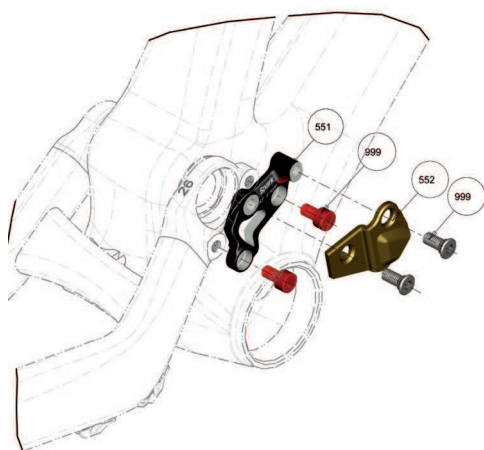
On all Spark frames you will find a Shimano E-type front derailleur but fixed directly on the swingarm without the plate that is fixed normally between the bottom bracket bearing cup and the bottom bracket housing of the front triangle or a SRAM Direct Mount Type S3 FD.

Please note that you always need to use the adapter plate attached to the bike or frame set between chainstay and front derailleur.

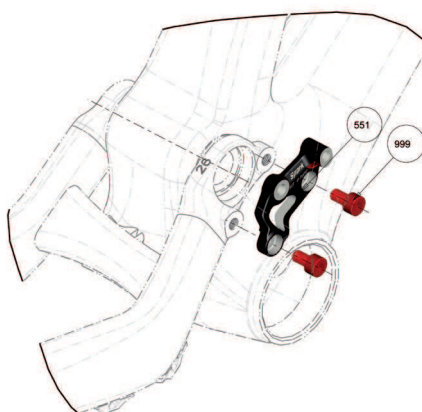
This adapter can be ordered at the Scott distribution with parts number:

223304	FD-Mount Plate Set Spark 2012
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Shimano FD



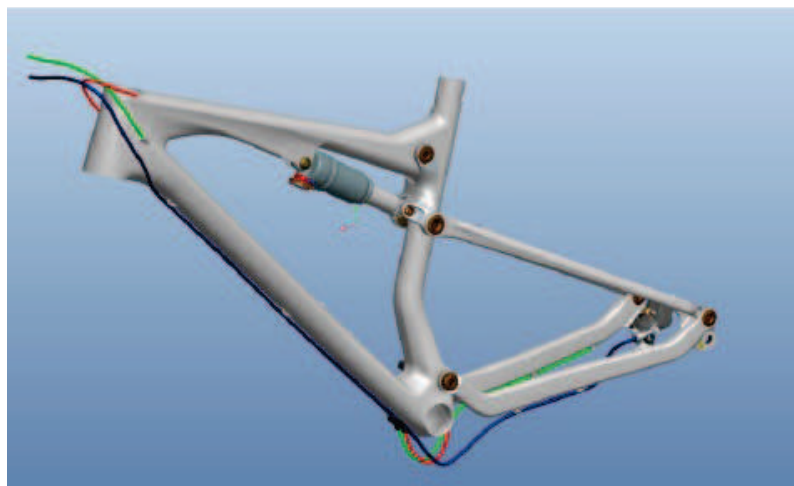
SRAM FD



SPARK CABLE ROUTING

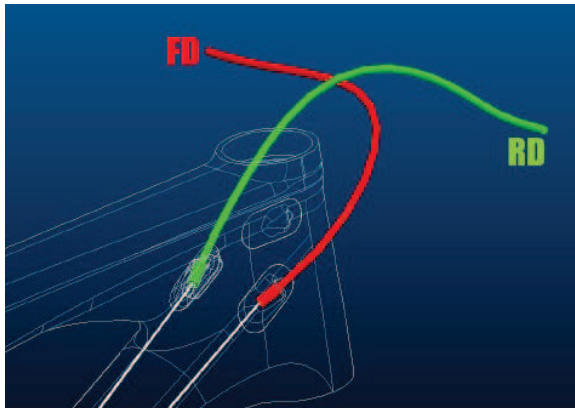
The direct and straight cable system on all our full suspension models offers perfect shifting performance combined with lightweight and high resistance against water and dirt.

CARBON FRONT FRAMES:

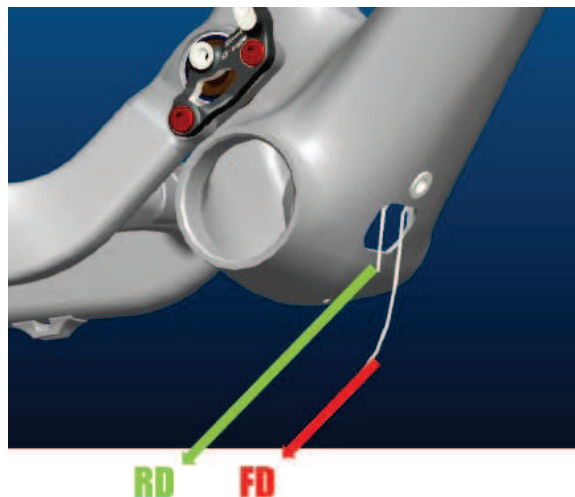


SPARK

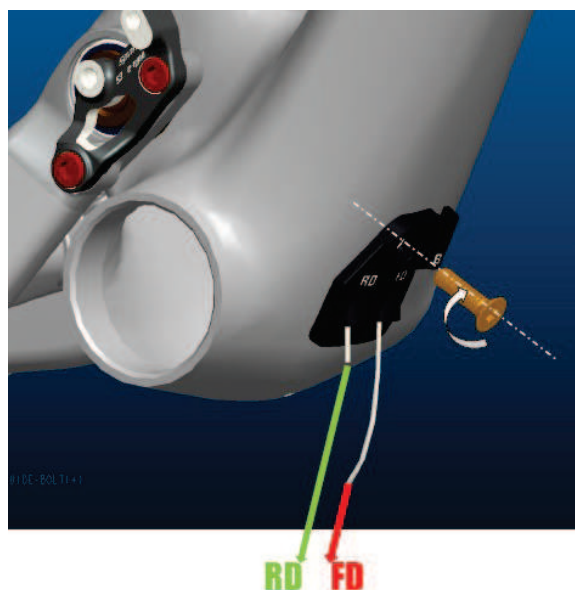
The carbon frames of Spark have an internal shifting cable routing with cable stops on the front end of the downtube as shown in the drawing below.



Please note that the inner cables need to cross each other 1 time on the inside of the downtube before you pull them out through the cable slot on the lower downside of the downtube.

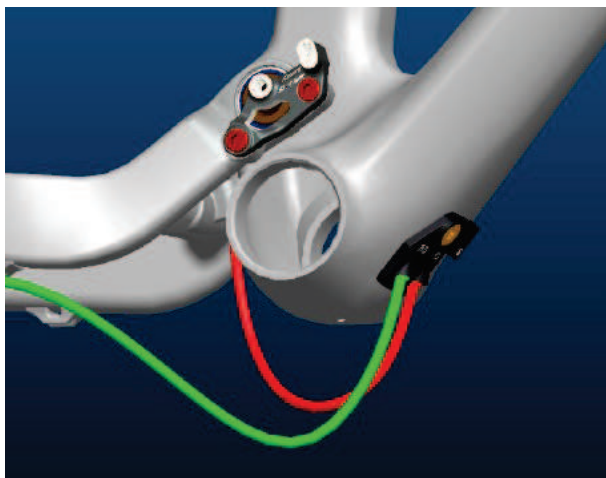


Push the cables through the cable guide as shown below and fix the cable guide on the downtube with a 3mm allen key and a tightening torque of 4Nm/35in/lbs

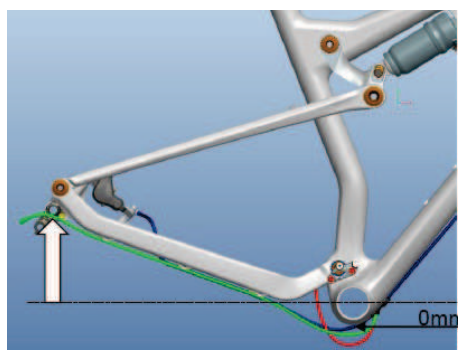
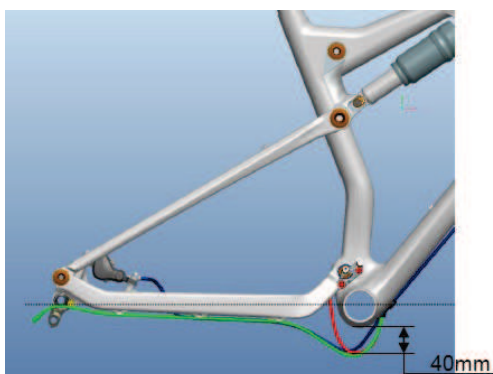
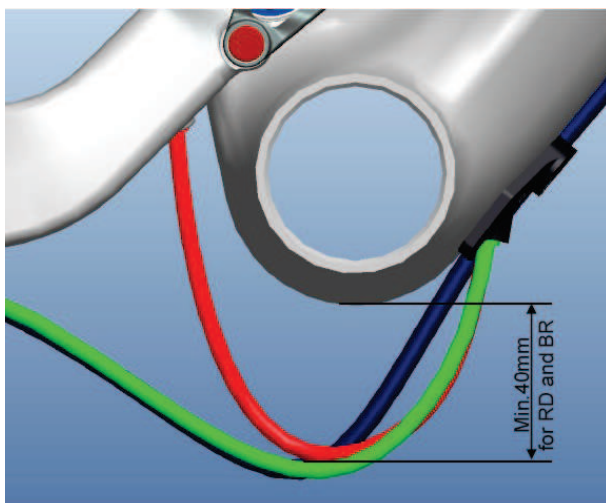


SPARK

Push the outer cable housings on the cables into the cable guide but make sure to respect the needed length as shown in the next drawing!



Please make sure to respect the 40mm distance between the cables and the BB (bottom bracket) housing to avoid “ghost-shifting” and/or damages on the shift cables and brake hoses.



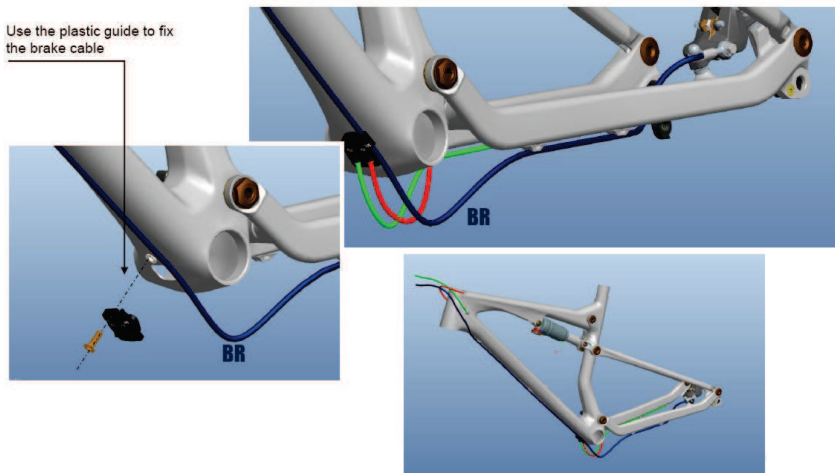
For the rear brake please assemble the cable as shown in the following drawings:

Please keep in mind to have a minimum distance of 40mm between the brake hoses and the BB housing as abovementioned!



SPARK

Use the plastic guide to fix the brake cable



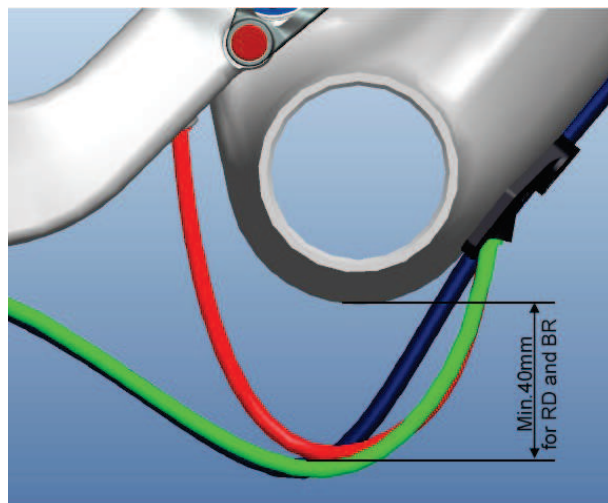
The cable guide can be ordered via the Scott distribution with parts number:

223305 BB Cableguide Spark 2012 carbon

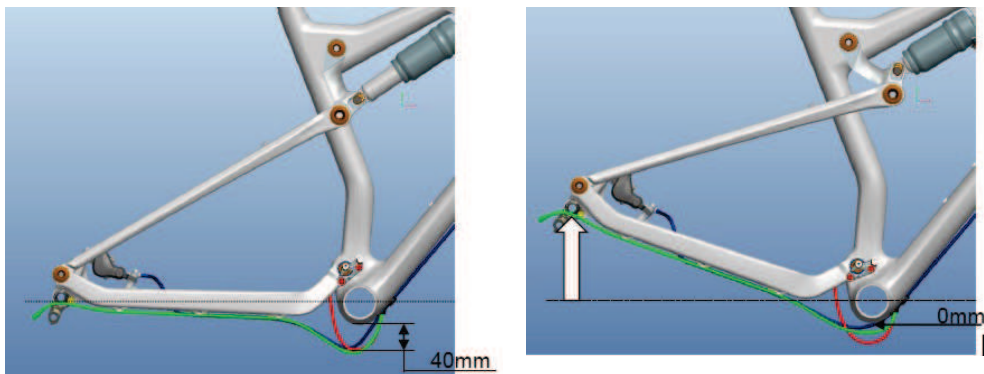
ALLOY FRONT FRAMES

Please fix the cable housings and the brake hose on the frame on the cable mounts with cable zippers.

Please make sure to respect the 40mm distance between the cables and the BB (bottom bracket) housing to avoid “ghost-shifting” and/or damages on the shift cables and brake hoses.

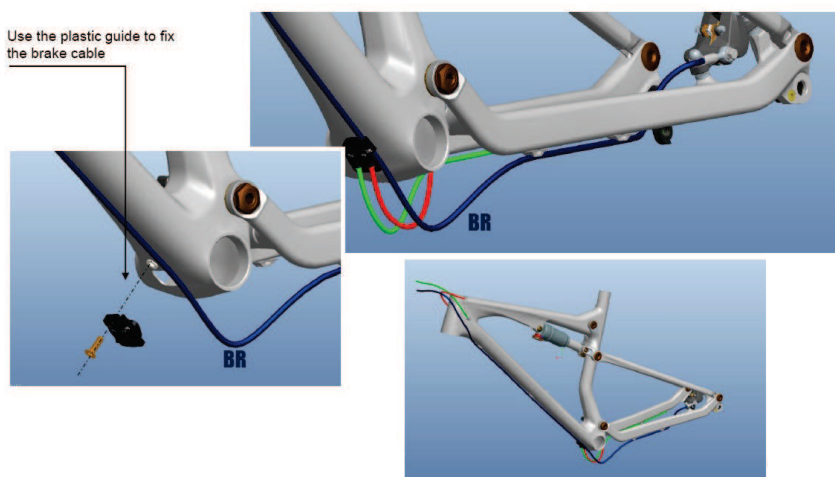


SPARK



For the rear brake please assemble the cable as shown in the following drawings:

Please keep in mind to have a minimum distance of 40mm between the brake hoses and the BB housing as abovementioned!



The cable guide can be ordered via the Scott distribution with parts number:

223305 BB Cableguide Spark 2012 carbon

SPARK

ADJUSTMENT OF SEATPOST-HEIGHT

IMPORTANT:

The seatpost has to be inserted into the seattube at a minimum of 100mm.

Never use another seatpost diameter than 31.6mm or try to use a shim/reducer between seatpost and frame.

REPLACEABLE DROPOUT

On Spark bikes of model year 2012 you can replace the rear derailleur hanger.

Depending on the different models you'll find following options:

1. 142mm axle with RWS 142/12



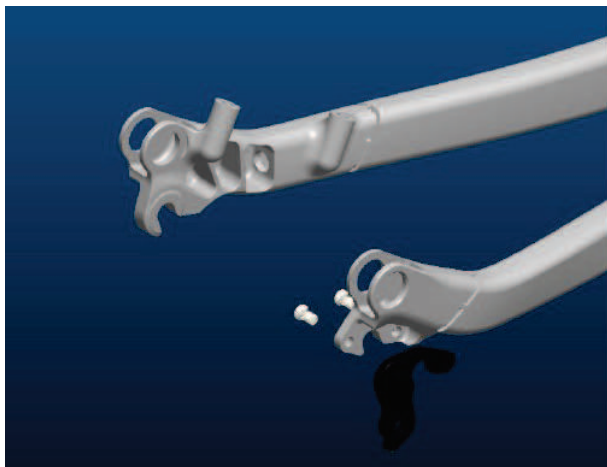
The complete set is available via the Scott distribution with parts number 219574, the right side replaceable RD hanger with 219577.

In case you want to use other RWS standards we can offer as after-market parts for specific wheelsets following parts via the Scott distribution:

RWS 135/12 parts set: 219574, right side replaceable RD hanger available with 219576

RWS 135/5 parts set: 219572, right side replaceable RD hanger available with 219575

2. Regular 135 mm rear axle with standard QR



The replaceable hanger is available via the Scott distribution with parts number 206473.



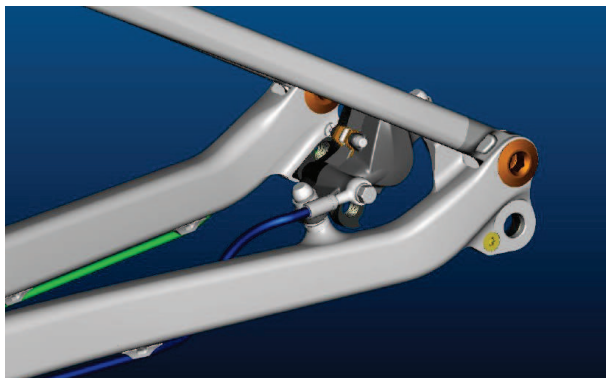
SPARK

REAR DISC BRAKE MOUNT

Spark can be used with 3 different disc rotor sizes on the rear brake.

The rear disc brake on Spark is Postmount (PM) Standard on the left seatstay and it is possible to use disc rotors with 160, 180 and 185mm diameter.

Please note that for the assembly of 180 and 185mm rotors you might need adapters/washers between the PM port on the frame and the brake calliper.



FRONT FORK SET-UP/ CHANGE OF FRONT FORK:

For the set up of the front fork please use the fork specific manual attached to the bike.

We recommend using front forks with a travel of 120mm (26") and 100mm (29"), as this will not influence the geometry and alter handling of the bike.

For details on the technical length of the recommended forks please refer to the Tech Info Chart beforementioned.

SPARK

PIVOT MAINTENANCE

The pivot and bearings on SCOTT Spark are extremely easy to maintain.

An external treatment with a grease spray after every bike wash is all you have to do. We do not recommend heavy grease sprays since these will leave a film on the parts which is difficult to remove. We recommend the same for the chain also.

If you have to change the bearings you can order them included in a service kit at your local SCOTT dealer with

223301-223	Swingarm Repair Kit Spark 2012
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or buy them with international parts number as shown below in a hardware store.

6 x 6802 (24mmx15mmx5mm)

All nuts and bolts, bushings etc. to re-build the swingarm section are included in this set.

Beside this set Scott will also offer an “endurance kit” to replace the IGUS bushings in the seatstays with an industrial bearing kit.

This kit can be ordered at Scott:

223303-222	Ind. Bearing Set Spark 2012 CST/SST
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In case you want to buy the IGUS bushing kit separately you can order it with

223302-222	Igus Bushing Set Spark 2012 CST/SST
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SPARK

SPECIAL PARTS

SPARK 26"

Item	Description
223305	BB Cableguide Spark 2012 carbon Nsize
223217	Chainstays Spark 10 2012 1size
223220	Chainstays Spark 20 2012 1size
223223	Chainstays Spark 30 2012 1size
223226	Chainstays Spark 35 2012 1size
223211	Chainstays Spark Premium 2012 1size
223214	Chainstays Spark RC 2012 1size
223208	Chainstays Spark SL 2012 1size
223374	CSP New Pre Shape Spark 2012
219577	Dropout Hang.right side IDS 2 142/RWS12 1size
219575	Dropout Hanger right side IDS 2 135/RWS5 1size
219572	Dropout Set IDS 2 135/RWS 5 1size
219574	Dropout Set IDS 2 142/RWS 12 1size
223304	FD-Mount Plate Set Spark 2012 Nsize
223227	Frame Spark 40 2012
223215	Front Triangle Spark 10 2012 L
223215	Front Triangle Spark 10 2012 M
223215	Front Triangle Spark 10 2012 S
223215	Front Triangle Spark 10 2012 XL
223218	Front Triangle Spark 20 2012 L
223218	Front Triangle Spark 20 2012 M
223218	Front Triangle Spark 20 2012 S
223218	Front Triangle Spark 20 2012 XL
223221	Front Triangle Spark 30 2012 L
223221	Front Triangle Spark 30 2012 M
223221	Front Triangle Spark 30 2012 S
223221	Front Triangle Spark 30 2012 XL
223224	Front Triangle Spark 35 2012 L
223224	Front Triangle Spark 35 2012 M
223224	Front Triangle Spark 35 2012 S
223224	Front Triangle Spark 35 2012 XL
223209	Front Triangle Spark Premium 2012 L
223209	Front Triangle Spark Premium 2012 M
223209	Front Triangle Spark Premium 2012 S
223209	Front Triangle Spark Premium 2012 XL
223212	Front Triangle Spark RC 2012 L
223212	Front Triangle Spark RC 2012 M
223212	Front Triangle Spark RC 2012 S
223212	Front Triangle Spark RC 2012 XL
223206	Front Triangle Spark SL 2012 L
223206	Front Triangle Spark SL 2012 M
223206	Front Triangle Spark SL 2012 S
223206	Front Triangle Spark SL 2012 XL
223306	Geometry Chip Spark DT shox 2012 Nsize
223307	Geometry Chip Spark no DT shox 2012 Nsize
223302	Igus Bushing Set Spark 2012 CST/SST w/ca 1siz
223303	Ind. Bearing Set Spark 2012 CST/SST w/ax 1siz

SPARK

SPARK 26"

Item	Description
223238	Linkage Bars Spark 26 black L
223238	Linkage Bars Spark 26 black M
223238	Linkage Bars Spark 26 black S
223238	Linkage Bars Spark 26 black XL
223238	Linkage Bars Spark 26 white L
223238	Linkage Bars Spark 26 white M
223238	Linkage Bars Spark 26 white S
223238	Linkage Bars Spark 26 white XL
223294	Rear Shock DT Swiss M210 w/o lev.190 E2E Nsize
223292	Rear Shock DT Swiss Nude 2 w/o lev.190 E Nsize
223300	Rear Shock Nude 2 Mount Bolt Set Nsize
223299	Rear Shock Nude 2 Mount Reducer Set Nsize
223297	Rear Shock X-Fusion E1 RL w/o lev.190 E2 Nsize
214681	Rim Alex XC 44 disc 32H 26" black
223291	Screw Set blk Spark/Scale/Genius '12 Nsize
223290	Screw Set red Spark/Scale/Genius '12 Nsize
223309	Seatclamp 34.9mm w/QR CrMo bolt 1size
223310	Seatclamp 34.9mm w/QR Titanium bolt 1size
223216	Seatstays Spark 10 2012 L
223216	Seatstays Spark 10 2012 M
223216	Seatstays Spark 10 2012 S
223216	Seatstays Spark 10 2012 XL
223219	Seatstays Spark 20 2012 L
223219	Seatstays Spark 20 2012 M
223219	Seatstays Spark 20 2012 S
223219	Seatstays Spark 20 2012 XL
223222	Seatstays Spark 30 2012 L
223222	Seatstays Spark 30 2012 M
223222	Seatstays Spark 30 2012 S
223222	Seatstays Spark 30 2012 XL
223225	Seatstays Spark 35 2012 L
223225	Seatstays Spark 35 2012 M
223225	Seatstays Spark 35 2012 S
223225	Seatstays Spark 35 2012 XL
223210	Seatstays Spark Premium 2012 L
223210	Seatstays Spark Premium 2012 M
223210	Seatstays Spark Premium 2012 S
223210	Seatstays Spark Premium 2012 XL
223213	Seatstays Spark RC 2012 L
223213	Seatstays Spark RC 2012 M
223213	Seatstays Spark RC 2012 S
223213	Seatstays Spark RC 2012 XL
223207	Seatstays Spark SL 2012 L
223207	Seatstays Spark SL 2012 M
223207	Seatstays Spark SL 2012 S
223207	Seatstays Spark SL 2012 XL
219684	Shock Pump Scott Pro
223301	Swingarm Repair Kit Spark 2012 Nsize
223289	Tool set swingarm Spark 2012 1size
216352	Twinloc Lever for DT M 210 Nsize
223298	Twinloc Lever for Nude/2-RS DNA3 Spark 2 Nsize

SPARK

SPARK 29"

Item	Description
223236-222	Chainstays Spark 29 Expert 2012 1size
223233-222	Chainstays Spark 29 Pro 2012 1size
223230-222	Chainstays Spark 29 RC 2012 1size
223234-008	Front Triangle Spark 29 Expert 2012 L
223234-007	Front Triangle Spark 29 Expert 2012 M
223234-006	Front Triangle Spark 29 Expert 2012 S
223234-009	Front Triangle Spark 29 Expert 2012 XL
223231-008	Front Triangle Spark 29 Pro 2012 L
223231-007	Front Triangle Spark 29 Pro 2012 M
223231-006	Front Triangle Spark 29 Pro 2012 S
223231-009	Front Triangle Spark 29 Pro 2012 XL
223228-008	Front Triangle Spark 29 RC 2012 L
223228-007	Front Triangle Spark 29 RC 2012 M
223228-006	Front Triangle Spark 29 RC 2012 S
223228-009	Front Triangle Spark 29 RC 2012 XL
223239-0001008	Linkage Bars Spark 29 black L
223239-0001007	Linkage Bars Spark 29 black M
223239-0001006	Linkage Bars Spark 29 black S
223239-0001009	Linkage Bars Spark 29 black XL
223239-0002008	Linkage Bars Spark 29 white L
223239-0002007	Linkage Bars Spark 29 white M
223239-0002006	Linkage Bars Spark 29 white S
223239-0002009	Linkage Bars Spark 29 white XL
223295-223	Rear Shock DT Swiss M210 w/o lev.165 E2E Nsiz
223293-223	Rear Shock DT Swiss Nude 2 w/o lev.165 E Nsiz
223296-223	Rear Shock X-Fusion E1 RL w/o lev.165 E2 Nsiz
219527	Rim Alex XC 49 disc 32H 29" black
223309	Seatclamp 34.9mm w/QR CrMo bolt 1size
223310	Seatclamp 34.9mm w/QR Titanium bolt 1size
223235-008	Seatstays Spark 29 Expert 2012 L
223235-007	Seatstays Spark 29 Expert 2012 M
223235-006	Seatstays Spark 29 Expert 2012 S
223235-009	Seatstays Spark 29 Expert 2012 XL
223232-008	Seatstays Spark 29 Pro 2012 L
223232-007	Seatstays Spark 29 Pro 2012 M
223232-006	Seatstays Spark 29 Pro 2012 S
223232-009	Seatstays Spark 29 Pro 2012 XL
223229-008	Seatstays Spark 29 RC 2012 L
223229-007	Seatstays Spark 29 RC 2012 M
223229-006	Seatstays Spark 29 RC 2012 S
223229-009	Seatstays Spark 29 RC 2012 XL
219684	Shock Pump Scott Pro

2 SPARK TOOL SET

SPARK TOOL SET

To repair or replace the bearings of the pivot points of Spark we offer following articles:

Item	Description
223289-222	Tool set swingarm Spark 2012
223301-223	Swingarm Repair Kit Spark 2012
223302-222	Igus Bushing Set Spark 2012 CST/SST
223303-222	Ind. Bearing Set Spark 2012 CST/SST

The tool set will contain, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.



The Swingarm Rep Set will contain beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark bike.

Pls have a look at following pics giving you an overview about all needed steps and please make sure to use Loctite BLUE (still removable) on all screws:

The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

One frame needs following bearings:

6 x 6802 (24mmx15mmx5mm)

Beside this set Scott will also offer an "endurance kit" to replace the IGUS bushings in the seatstays with an industrial bearing kit.

This kit can be ordered at Scott:

223303-222 Ind. Bearing Set Spark 2012 CST/SST

In case you want to buy the IGUS bushing kit separately you can order it with

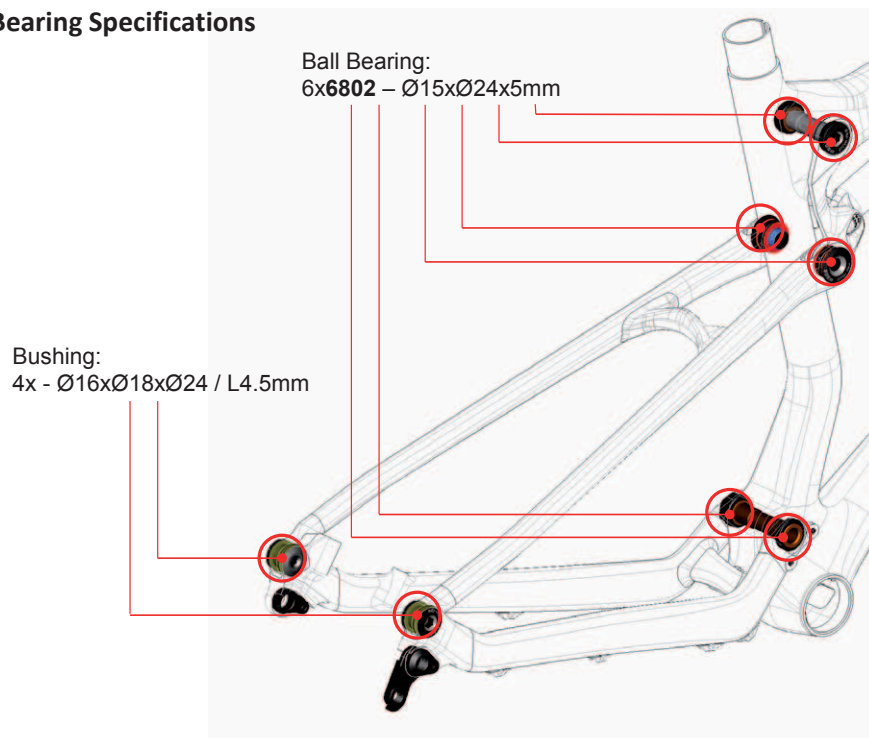
223302-222 Igus Bushing Set Spark 2012 CST/SST



SPARK TOOL SET

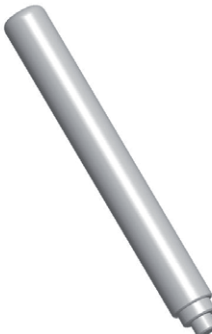
1

Bearing Specifications



2

Scott Bearing Service Kit Contents

M8 x 40 Bolt, Nut, Washers		Axle Punch	Bearing Punch
			
6802 Plate – Linkage Bearings	6802 Press – Linkage Bearings		
	2x 		

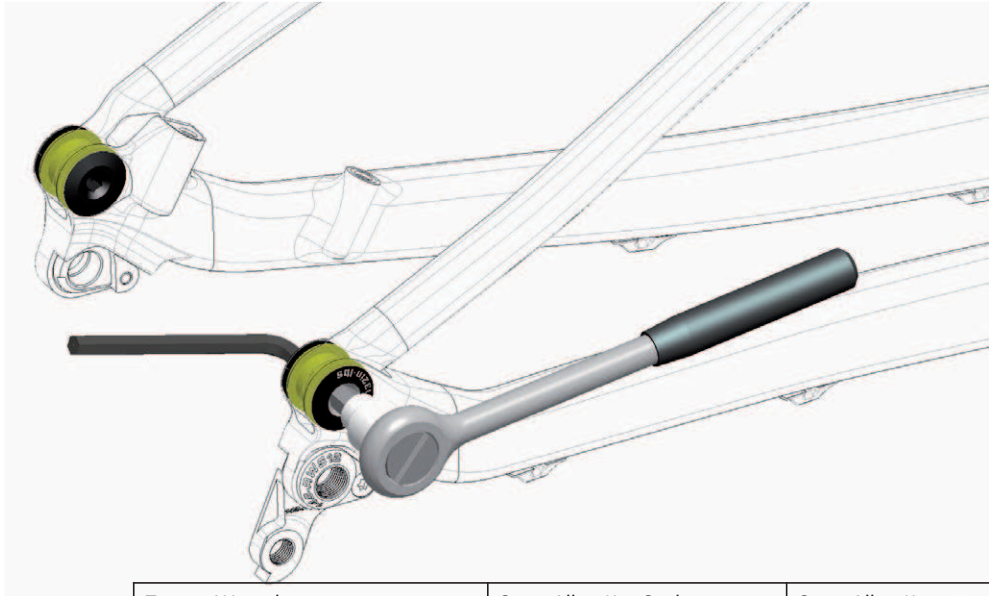
SPARK TOOL SET

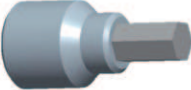
3

Required Tools		
Nylon Hammer		
		
13mm Spanner	22mm Spanner	
		
Torque Wrench		8mm Allen Key Socket
		
6mm Allen Key	8mm Allen Key	Loctite - Blue/ Medium
		

4

Dropout Pivot Disassemble



Torque Wrench	8mm Allen Key Socket	8mm Allen Key
		

SPARK TOOL SET

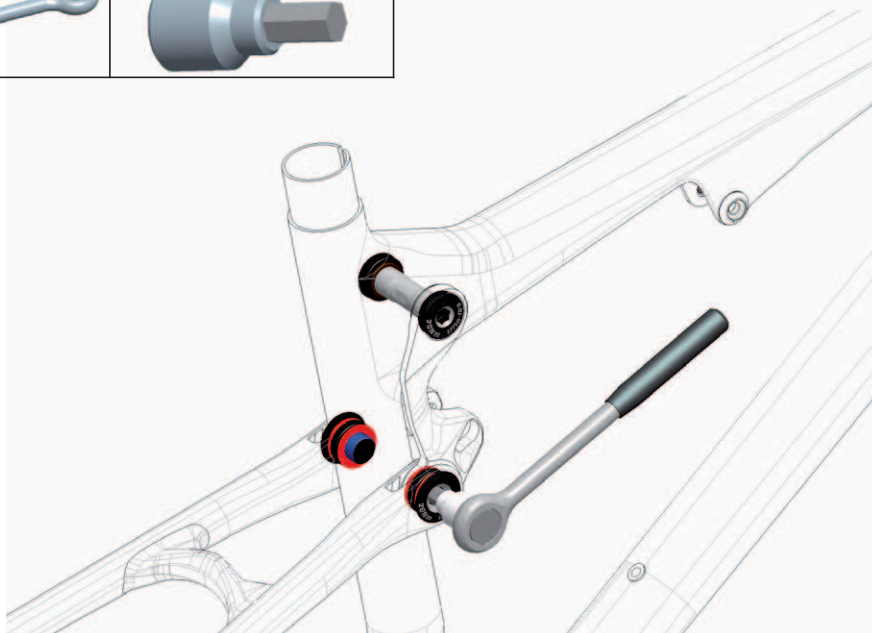
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Linkage Pivot Disassemble

Torque Wrench



8mm Allen Key Socket



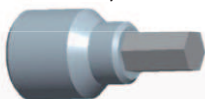
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Linkage Pivot Disassemble

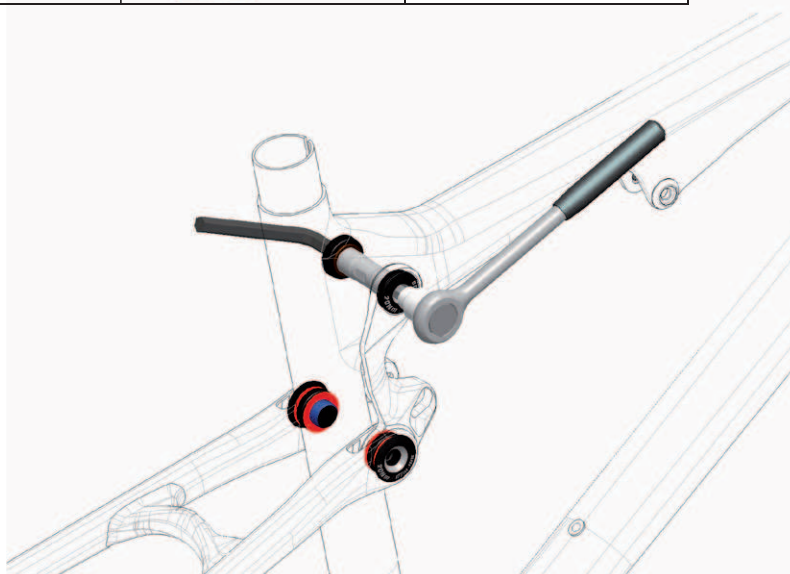
Torque Wrench



8mm Allen Key Socket



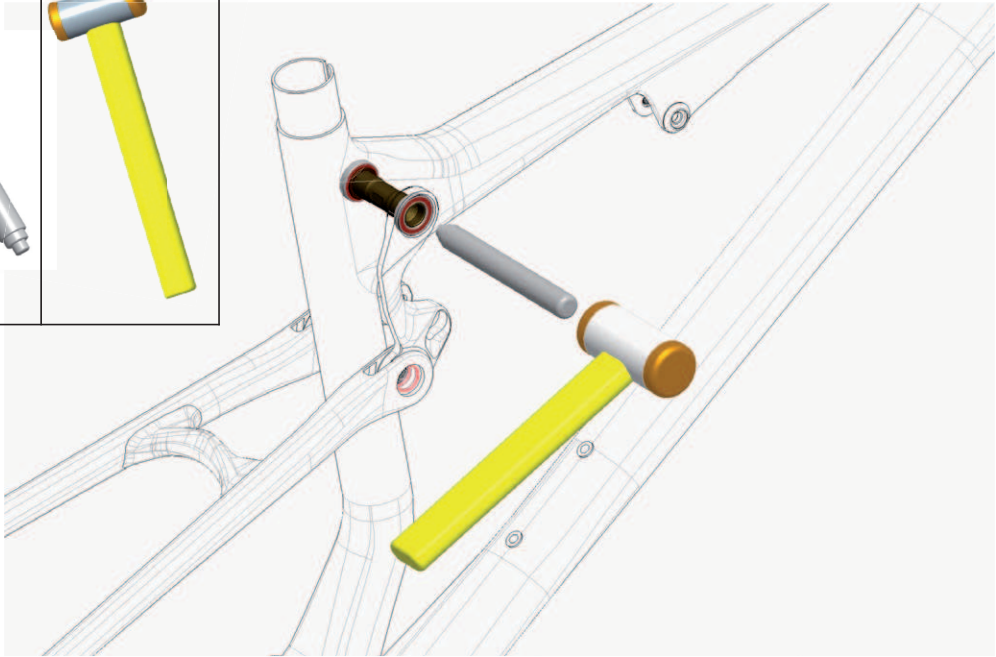
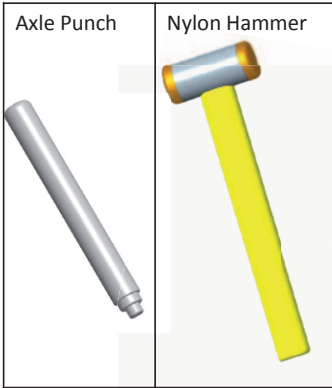
8mm Allen Key



SPARK TOOL SET

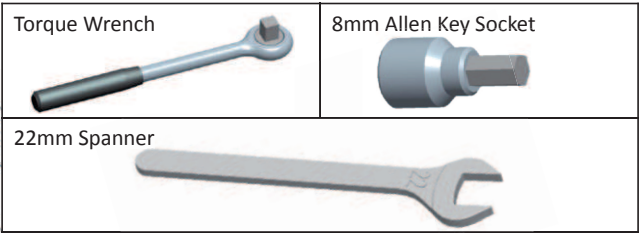
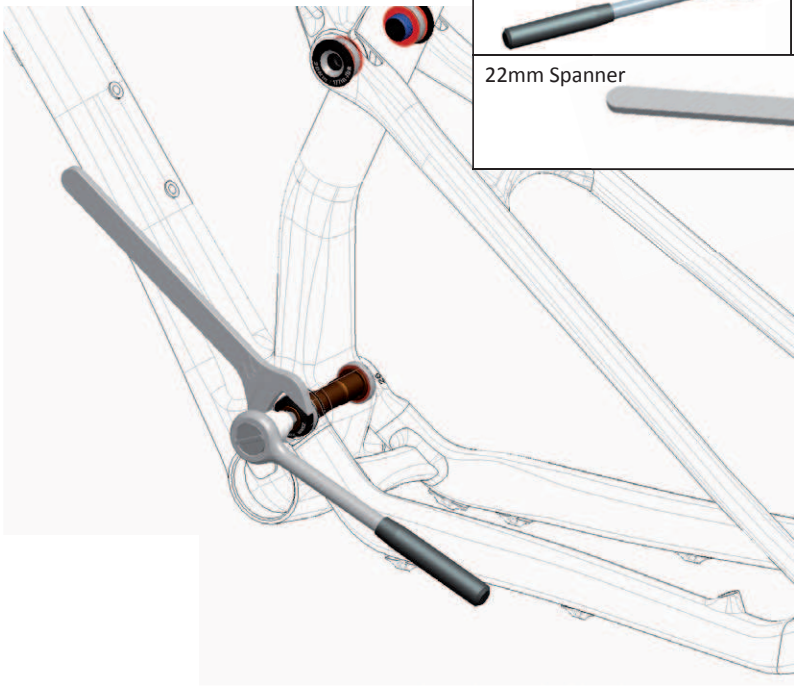
7

Linkage Pivot Disassemble



8

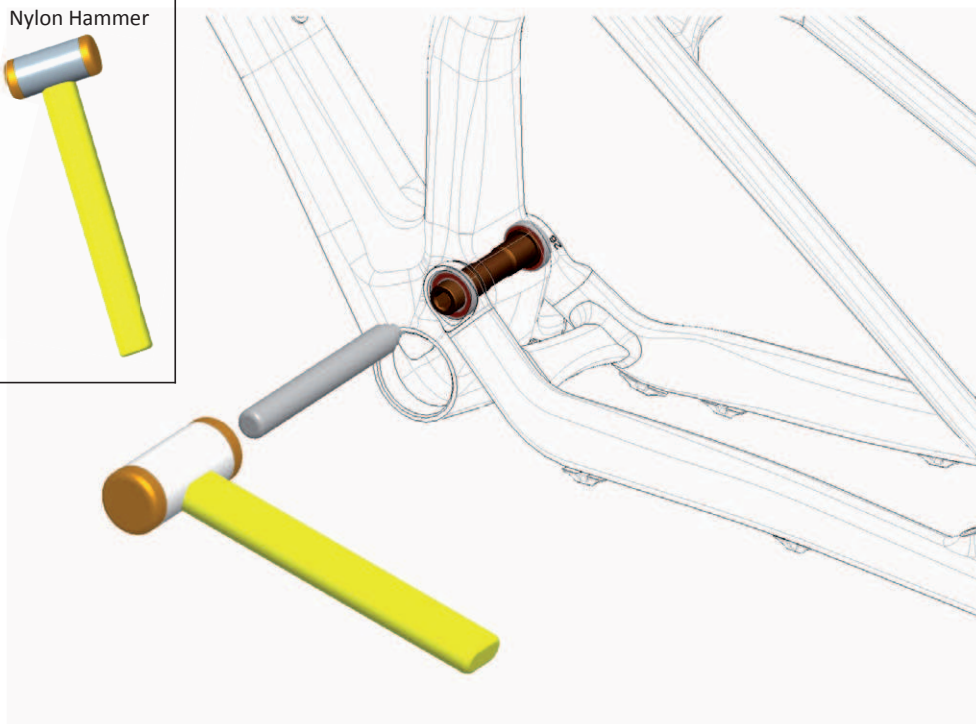
Main Pivot Disassemble



SPARK TOOL SET

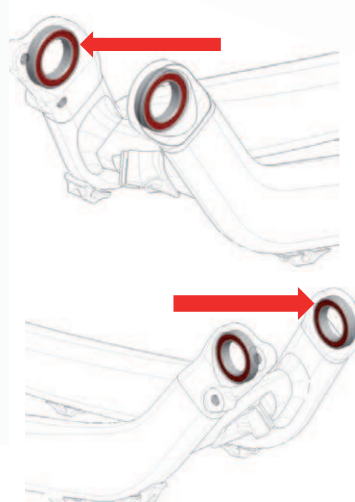
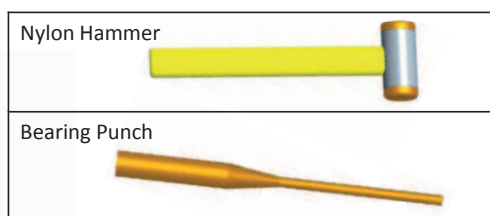
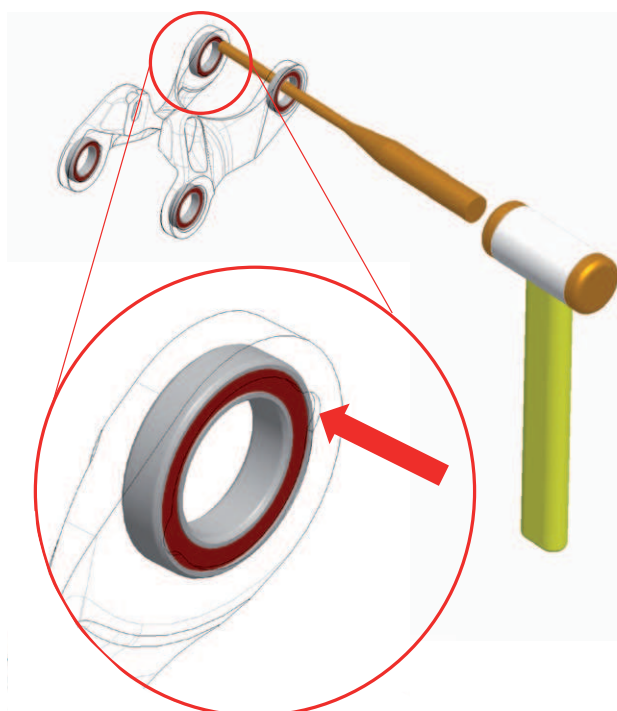
9

Main Pivot Disassemble



10

Bearing Removal

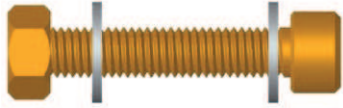


SPARK TOOL SET

11

Dropout Bushing Install

M8 x 40 Bolt, Nut, Washers



2x 6802 Press



4x Bushings



13mm Spanner



6mm Allen Key



12

Linkage Bearing Install

M8 x 40 Bolt, Nut, Washers



6802 Plate



6802 Press



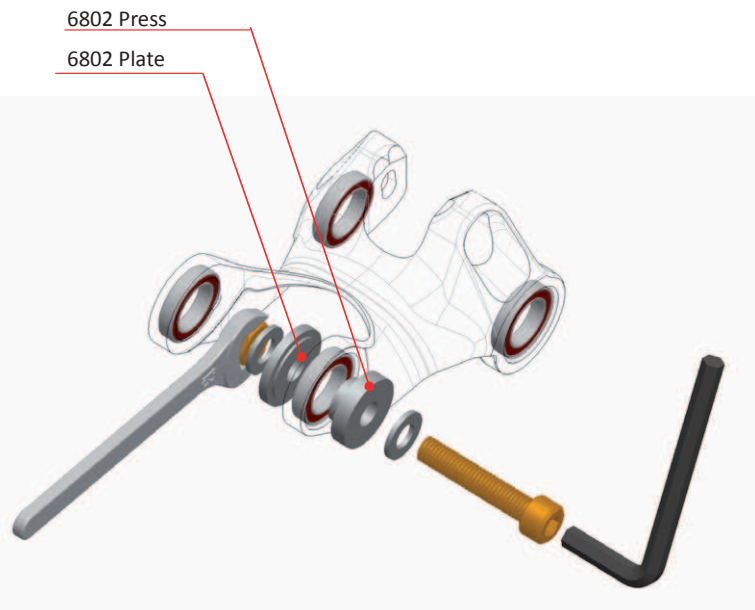
4x 6802 Bearing



13mm Spanner



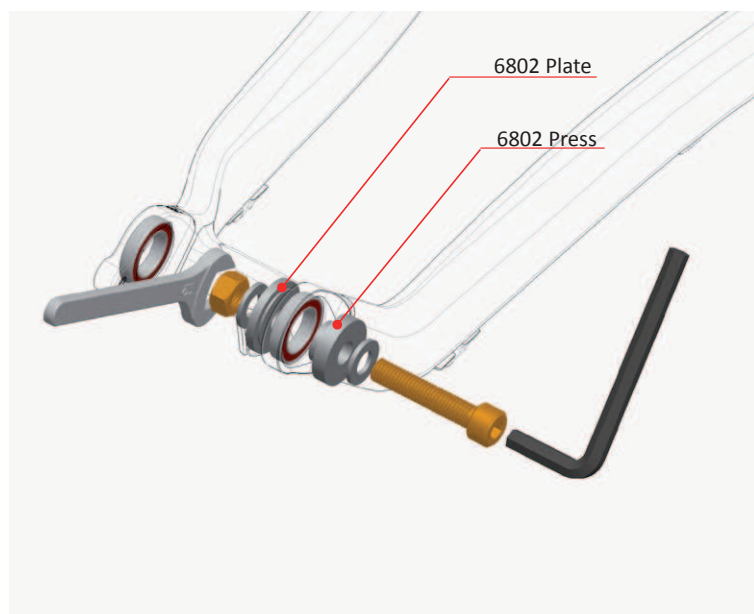
6mm Allen Key



SPARK TOOL SET

13

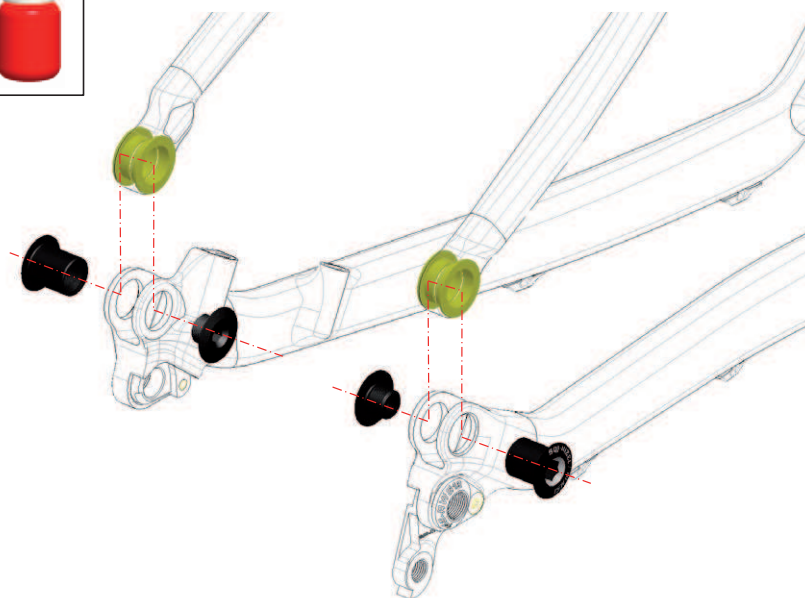
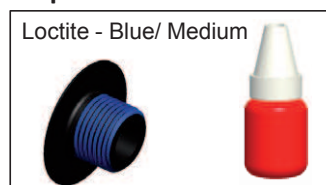
Main Pivot Bearing Install



M8 x 40 Bolt, Nut, Washers	
6802 Plate	6802 Press
2x 6802 Bearing	
13mm Spanner	
6mm Allen Key	

14

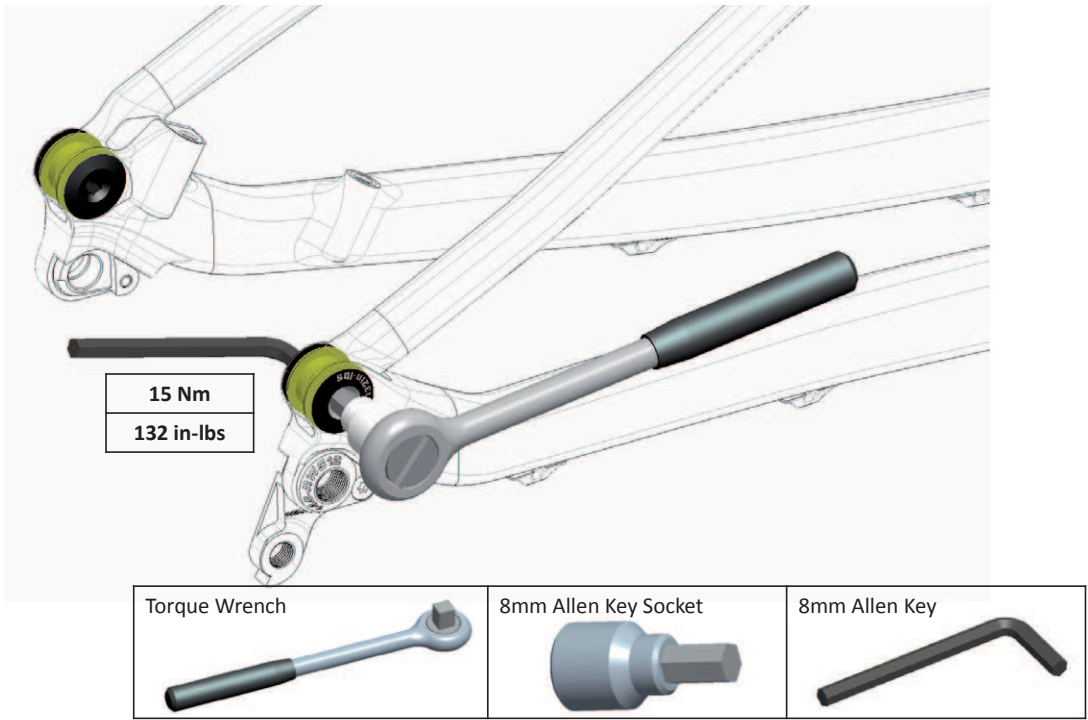
Dropout Hardware Assembly



SPARK TOOL SET

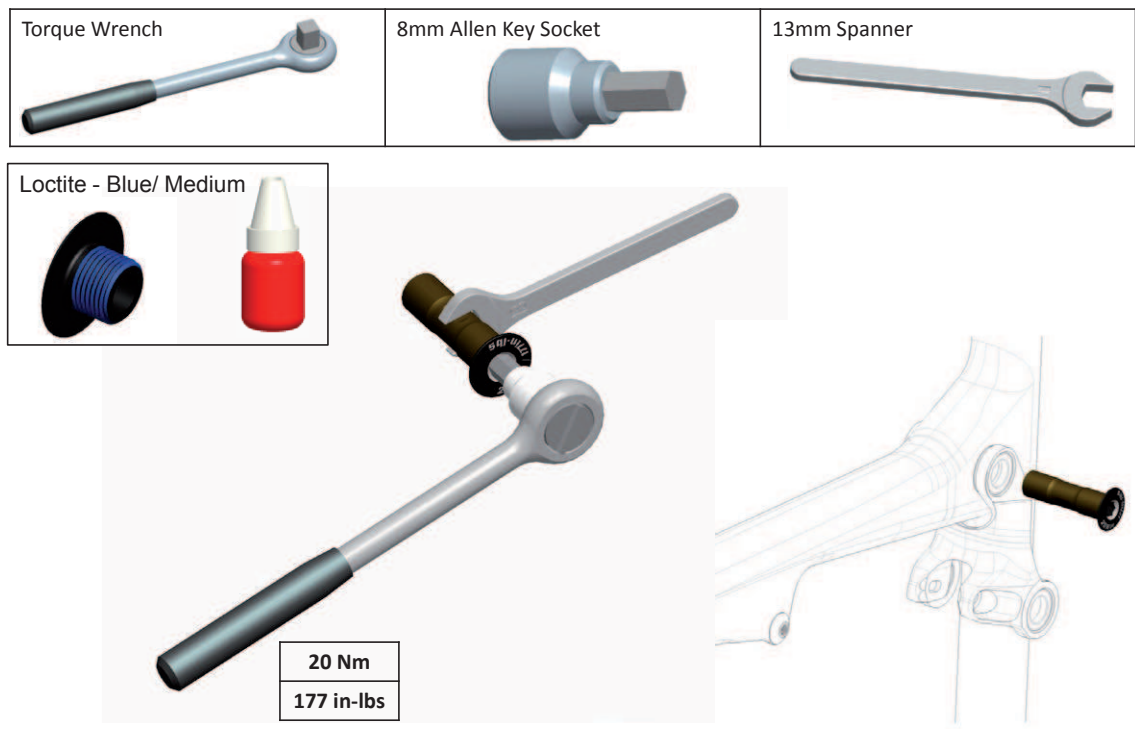
15

Dropout Hardware Assembly



16

Linkage Axle Pre-Assembly

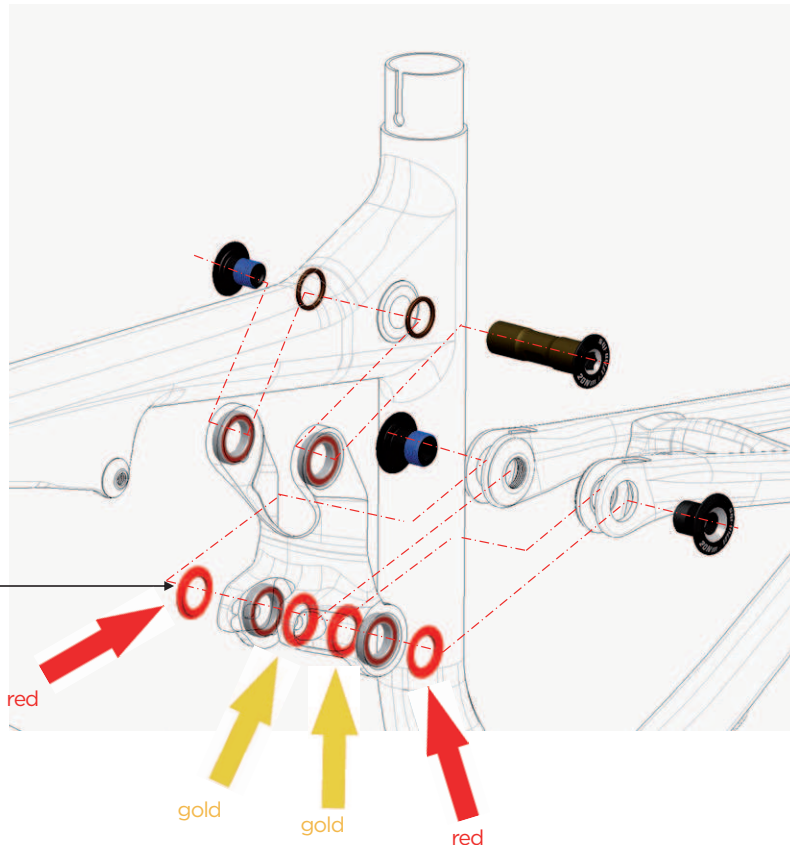
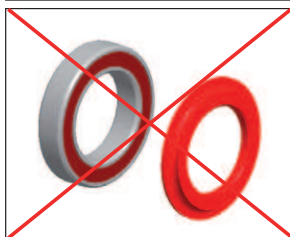


SPARK TOOL SET

17

Linkage Hardware Assembly

Loctite - Blue/ Medium



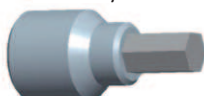
18

Linkage Hardware Assembly

Torque Wrench



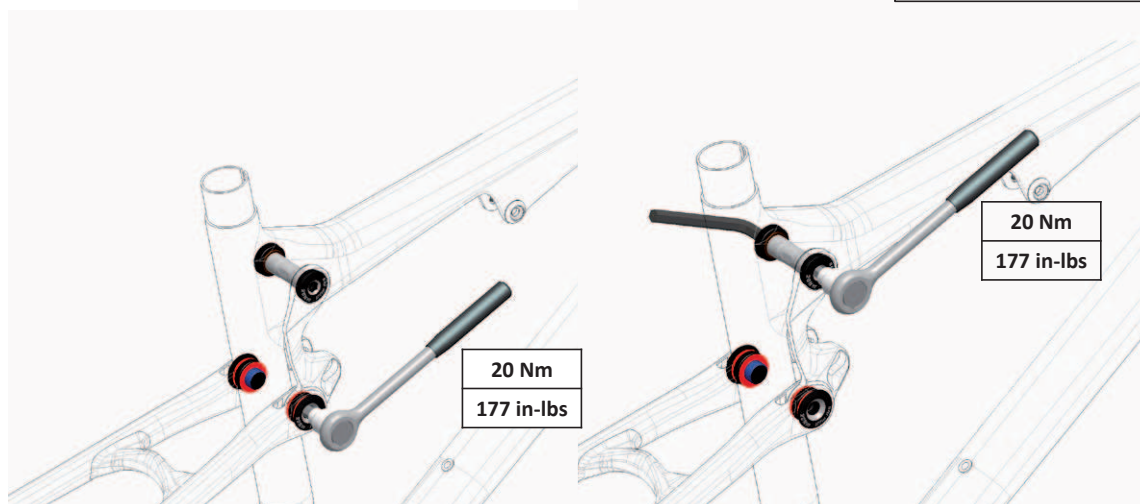
8mm Allen Key Socket



8mm Allen Key



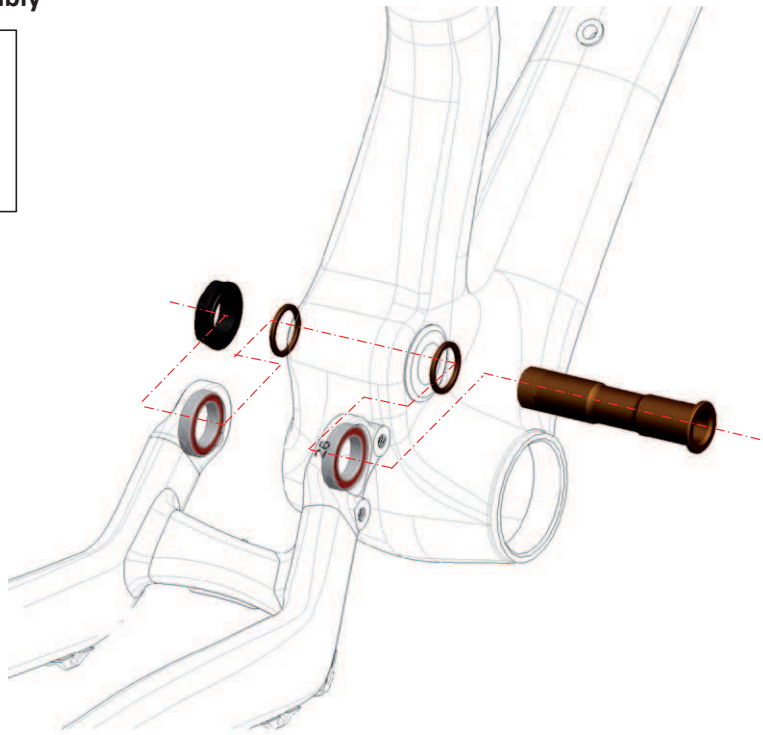
Loctite - Blue/ Medium



SPARK TOOL SET

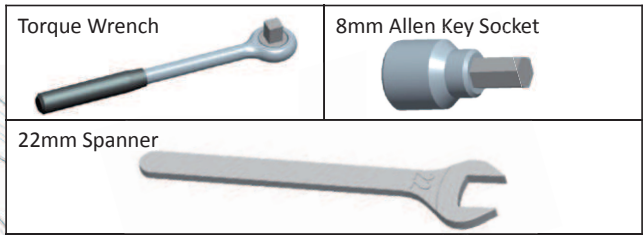
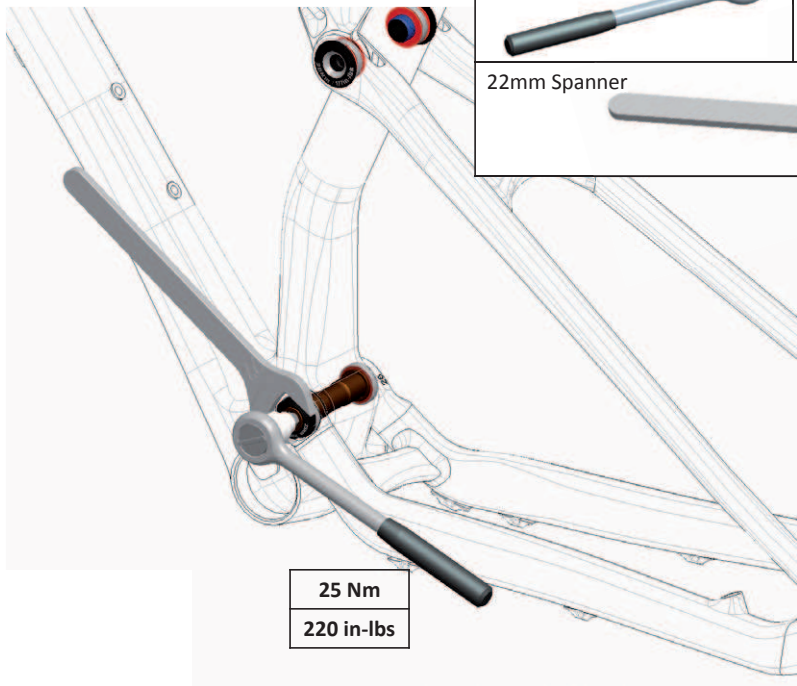
19

Main Pivot Hardware Assembly



20

Main Pivot Hardware Assembly



3 FOIL

FOIL



New introduced to our line was in April 2011 the Foil Road bike.

For marketing and promotion info please refer to the product launch press folder or the Tech Powerpoint attached to the CD of this TechBook

Frame weight in size M:

HMX: Frame 840 gr, Fork: 330 gr

HMF: Frame 920 gr, Fork: 370 gr

Foil bikes/frames are in 2 versions available:

- for mechanical shifting
- for Shimano Di2 (different cable routing inside the frame, no cable hole/stop on left downtube side)

FOIL

The cable routing inside the frame for mechanical shift systems looks like this:



The cable routing inside the frame for Shimano Di2 looks like this:



FOIL

All frames are for integrated BB cups of BB 86PF.

Parts numbers of vendors:

Shimano	ISMFC7800P
Campagnolo	IC9-RE41
SRAM	00.6415.033.000 (GXP), 00.6415.033.010 (GXP ceramic)
FSA	230-6011 (standard), 230-6010 (ceramic)

Please follow the assembly instructions and tool recommendations of the different BB manufacturers, as some require the use of specific tools.



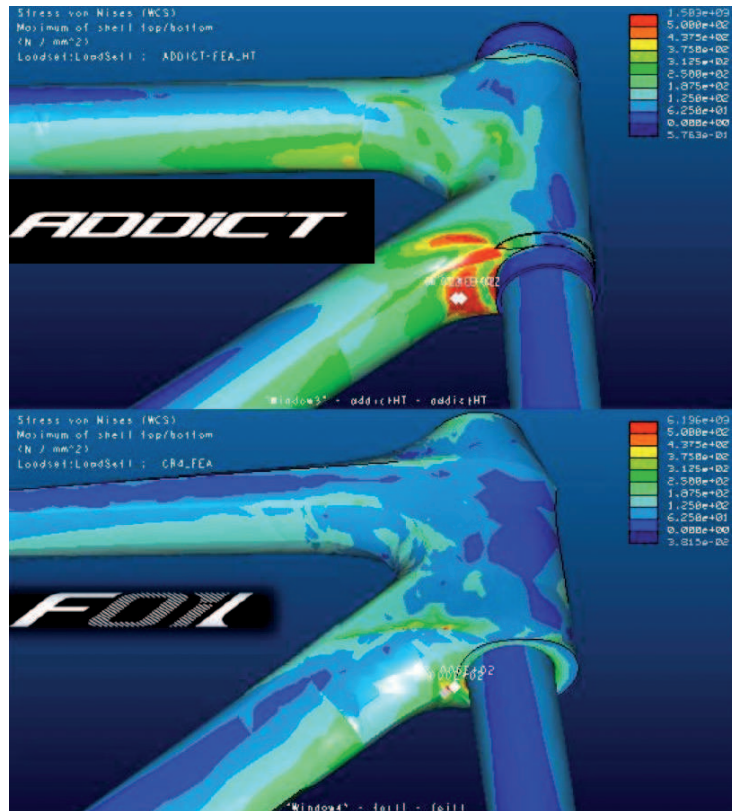
The drawing above shows following parts which we have on stock at Scott with parts numbers:

Item	Description
219512-222	Headset Ritchey Foil 50/55mm 1size
219582-222	Seatclamp System Foil 2011 1size
219583-222	Dropout Hanger Foil 2011 1size
219584-222	BB Cableguide Foil 2011 1size
221653	Chainguide System Foil 2011 1size
221654	FD Mount Adapter Plate Foil 2011 1size

FOIL

HEADSET

Foil shows a tapered headset of 1 1/8" semi-integrated to 1 1/4" direct assembly.
With this design the Foil has a reduction of 20% of stress on the frame in the headtube section.



The upper part of the headset is a standard semi-integrated headset with 44.0mm cup, the lower headset is 1 1/4" and is made from Ritchey for Scott.

Please note that the lower bearing of the headset is mounted directly on the carbon crown race of the fork and inside the frame. No adapters or semi-integrated cups are needed.



FOIL

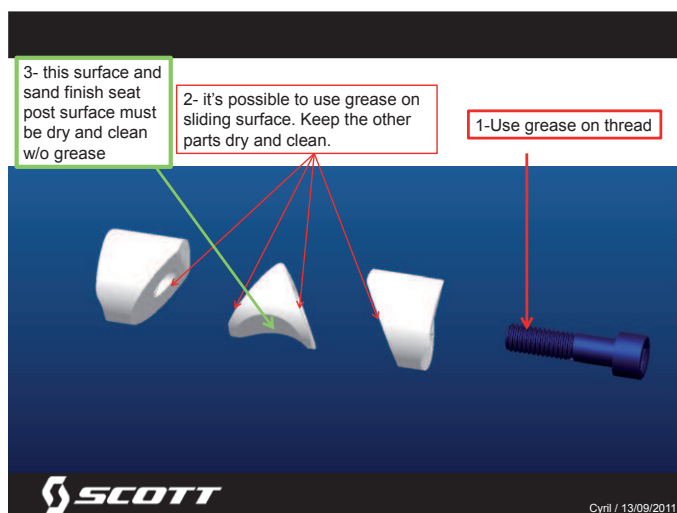
SEATPOST SYSTEM:

The seatpost is fixed in the frame with a special clamp mechanism.

To keep the tightening torque on the wedge as low as possible (in order to avoid damages on the seatpost) we strongly recommend the use of carbon grease on the seatpost.

The recommended tightening torque is 10Nm/88 in/lbf, the maximum tightening torque of the wedge mechanism is 12 Nm/106 in/lbf.

Less force is better for all parts!



The seatpost for Foil is a specific item produced by Ritchey for Scott.

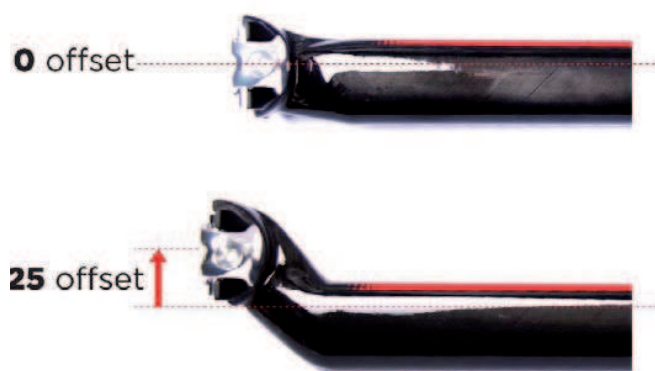
We do carry following specs on stock:

Item	Description
220895-0475611	Seatpost Scott Foil WCS UD matt 0mm
220895-0475612	Seatpost Scott Foil WCS UD matt 25mm
220895-0476611	Seatpost Scott Foil WCS UD gloss 0mm
220895-0476612	Seatpost Scott Foil WCS UD gloss 25mm

FOIL

All seatposts are Ritchey WCS Carbon in UD woven surface.

A offset of 0mm and 25mm is available.



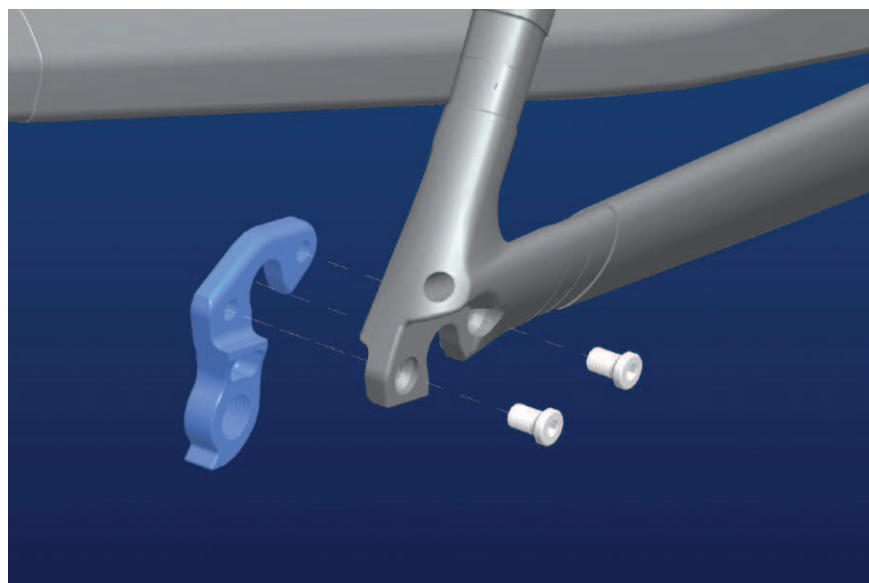
Sizes XXS to M will have seatposts with 0mm offset, the sizes L-XXL will have 25mm offset.

To mount the different rails from standard round rails, via Selle Italia Carbon to Fizik Carbon we use the same clamp parts as already known from Addict with Stubby and Plasma 2.

Item	Description
210331-222	Seatclamp Stubby adapt.f/carbon rail 1size

REPLACEABLE DROPOUT HANGER

Foil has a specific replaceable dropout hanger which is mounted with 2 bolts with a max. tightening torque of 3 Nm/26 lbs/in



Item	Description
219583-222	Dropout Hanger Foil 2011 1size

FOIL

CABLEGUIDE SYSTEM

We offer a complete set of all cable stops and the BB cable guide plate.

Item	Description
219584	BB Cableguide Foil 2011 1size



FOIL

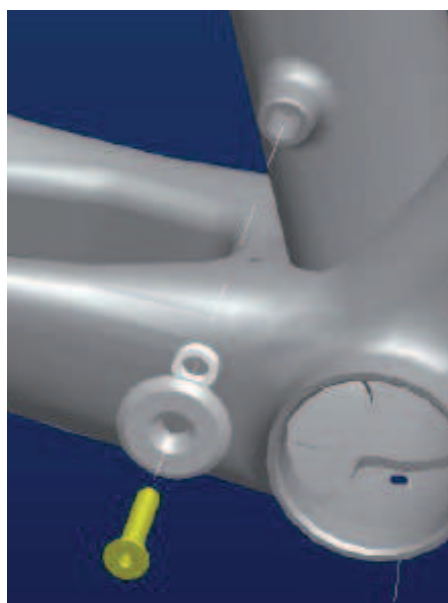
CHAINGUIDE SYSTEM

ONLY ON FOIL FRAMES OF MY 2012 ONWARD (NOT FOR MY 11):

In order to avoid that the chain drops down on the BB shell from the small ring Foil offers a chainguide system for different chainring sizes.

This plate is mounted on the seattube with a bolt. A set containing different washer sizes as well as the bolt can be ordered with

Item	Description
221653	Chainguide System Foil 2012 1size



FD MOUNT PLATE ADAPTER:

To ensure a perfect mount and function of the FD it is important to use only the FD Mount Adapter Plate which is delivered with every bike and/or frameset. In case you need for service a replacement part we can offer this with

Item	Description
221654	FD Mount Adapter Plate Foil 2011 1size



FOIL

CAMPAGNOLO

Pressfit Cups

Campagnolo	Art. Nr. IC9-RE41
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Please note that Campagnolo requests for the assembly of the BB cups the Campagnolo tool with article number UT-BB140 which is available at your national Campagnolo distributor.

SHIMANO

208634	SHIMANO int. BB ISMFC7800P
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Please note that Shimano requests the use of the specific tools as shown below.

TL-BB12



TL-BB13



Those tools can be ordered at your national Shimano distribution.

SRAM

SRAM GXP Road	Art. Nr. 00.6415.033.000
SRAM GXP Road, ceramic	Art. Nr. 00.6415.033.010

FSA

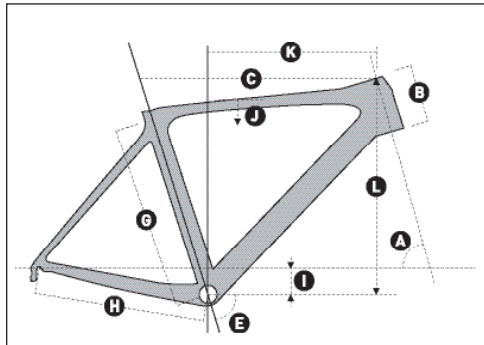
Pressfit Cups

FSA	Art. Nr. 230-6011
FSA, ceramic	Art. Nr. 230-6010



FOIL

GEOMETRY



FOIL

	XXS/47	XS/49	S/52	M/54	L/56	XL/58	XXL/61
A HEAD TUBE ANGLE	70.5°	71.0°	72.0°	73.0°	73.0°	73.3°	73.3°
B HEADTUBE LENGTH	100 mm 3.9 in	105 mm 4.1 in	120 mm 4.7 in	140 mm 5.5 in	160 mm 6.3 in	180 mm 7.1 in	200 mm 7.9 in
C TOPTUBE LENGTH HORIZONTAL	510 mm 20.1 in	520 mm 20.5 in	535 mm 21.1 in	550 mm 21.7 in	565 mm 22.2 in	580 mm 22.8 in	595 mm 23.4 in
E SEAT TUBE ANGLE	74.5°	74.5°	74.0°	73.3°	73.3°	73.0°	72.5°
G BB CENTER TO TOPTUBE CENTER	410 mm 16.1 in	430 mm 16.9 in	460 mm 18.1 in	480 mm 18.9 in	500 mm 19.7 in	520 mm 20.5 in	550 mm 21.7 in
H CHAINSTAY LENGTH	405 mm 15.9 in	405 mm 15.9 in	405 mm 15.9 in	405 mm 15.9 in	405 mm 15.9 in	405 mm 15.9 in	405 mm 15.9 in
I BB OFFSET	-67 mm -2.6 in	-67 mm -2.6 in	-67 mm -2.6 in	-67 mm -2.6 in	-67 mm -2.6 in	-67 mm -2.6 in	-67 mm -2.6 in
J STANDOVER HEIGHT	717 mm 28.2 in	731 mm 28.8 in	755 mm 29.7 in	775 mm 30.5 in	794 mm 31.3 in	814 mm 32.0 in	838 mm 33.0 in
WHEELBASE	972 mm 38.3 in	978 mm 38.5 in	980 mm 38.6 in	979 mm 38.5 in	994 mm 39.1 in	1003 mm 39.5 in	1012 mm 39.8 in
K REACH	371 mm 14.6 in	379 mm 14.9 in	384 mm 15.1 in	385 mm 15.2 in	394 mm 15.5 in	400 mm 15.7 in	403 mm 15.9 in
L STACK	503 mm 19.8 in	509 mm 20.0 in	527 mm 20.7 in	549 mm 21.6 in	569 mm 22.4 in	589 mm 23.2 in	608 mm 23.9 in
STEM LENGTH	90 mm	100 mm	110 mm	110 mm	110 mm	120 mm	130 mm

TECHNICAL DATA FOIL

	BB-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC / DIMENSION	STEM LENGTH IN MM
FOIL PREMIUM	FC7900 W/O BB / SM-BB91-41B	FD7970-FBRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC WCS 28.7-44-46 UD CARBON	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL TEAM ISSUE	RED CARBON BLK 2.2 W/PF BB	RED BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 10	FC7900 W/O BB / SM-BB91-41B	FD7900-F BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 15	FC6700G W/O BB / SM-BB91-41B	FD6770-F BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 20	FC6700G W/O BB / SM-BB91-41B	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 30	FC RIVAL OCT 2.2TM W/PF BB	RIVAL ROAD FD, BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 40	FC5700-S W/O BB / SM-BB91-41B	FD5700-S BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XXS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)

FOIL

TECHNICAL DATA FOIL

	BAR WIDTH IN MM	SEATPOST DIAMETER IN MM / LENGTH IN MM	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	RIM SPEC.(MODEL, HOLES)	REAR SHOCK (EZE)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
FOIL PREMIUM	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	ZIP 404 16H WHEELSET	ZIP 404 16H WHEELSET	ZIP 404 16H/20H WHEELSET	NONE	NONE	NONE
FOIL TEAM ISSUE	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	ZIP 404 16H WHEELSET	ZIP 404 16H WHEELSET	ZIP 404 16H/20H WHEELSET	NONE	NONE	NONE
FOIL 10	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC CARBON SL (F&R) WHEELSET	MAVIC COSMIC CARBON SL (F&R) WHEELSET	MAVIC COSMIC CARBON SL (F&R) WHEELSET	NONE	NONE	NONE
FOIL 15	380(XS); 400(XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 20	360(XS); 380(XS); 400(S-XL); 420(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 30	380(XS); 400(XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 40	360(XS); 380(XS); 400(S-XL); 420(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	NONE	NONE	NONE

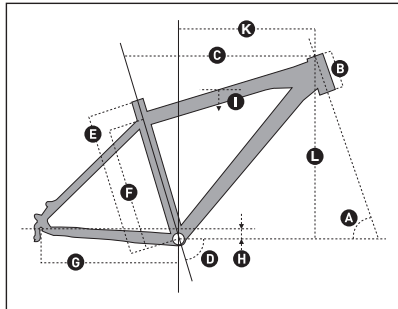
SPECIAL PARTS FOIL

Item	Description
219584	BB Cableguide Foil 2011 one size
221653	Chainguide System Foil 2011 1size
219583	Dropout Hanger Foil 2011 one size
221654	FD Mount Adapter Plate Foil 2011 1size
223119	Fork Foil 10 2012 1size
223120	Fork Foil 15 2012 1size
223121	Fork Foil 20 2012 1size
223122	Fork Foil 30 2012 1size
223123	Fork Foil 40 2012 1size
221176	Fork Foil Premium 2011-12 1size
221178	Fork Foil R1 2011 1size
221179	Fork Foil R2 2011 1size
221177	Fork Foil Team Issue 2011-12 1size
224569	Frame set Foil 15 (HMF) (Di2)
224570	Frame set Foil 20 (HMF)
224438	Frame set Foil 20 MY12 Warranty only
224568	Frame set Foil Team Replica (HMX) (Di2)
219512	Headset Ritchey Foil 50/55mm one size
219582	Seatclamp System Foil 2011 one size
220895	Seatpost Scott Foil WCS UD gloss 0mm
220895	Seatpost Scott Foil WCS UD gloss 25mm
220895	Seatpost Scott Foil WCS UD matt 0mm
220895	Seatpost Scott Foil WCS UD matt 25mm

4 SCALE

SCALE

GEOMETRY/TECHNICAL DATA SCALE 26" AND 29":



SCALE 26

	XS (ALLOY MODEL)	S	M	L	XL	XXL (ALLOY MODEL)
A HEAD TUBE ANGLE	70.0°	70.0°	70.0°	70.0°	70.0°	70.0°
B HEADTUBE LENGTH	100 mm 3.9 inches	110 mm 4.3 inches	120 mm 4.7 inches	135 mm 5.3 inches	160 mm 6.3 inches	170 mm 6.7 inches
C TOPTUBE LENGTH HORIZONTAL	540 mm 21.3 inches	555 mm 21.9 inches	585 mm 23.0 inches	610 mm 24.0 inches	640 mm 25.2 inches	650 mm 25.6 inches
E SEAT TUBE ANGLE	73.5°	73.5°	73.5°	73.5°	73.5°	73.5°
F BB CENTER TO TOP OF SEATTUBE	350 mm 13.8 inches	390 mm 15.4 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches	580 mm 22.8 inches
G BB CENTER TO TOPTUBE CENTER	284 mm 11.2 inches	324 mm 12.8 inches	374 mm 14.7 inches	414 mm 16.3 inches	464 mm 18.3 inches	514 mm 20.2 inches
H CHAINSTAY LENGTH	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches
I BB OFFSET	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches
BB HEIGHT	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches
J STANDOVER HEIGHT	695 mm 27.4 inches	733 mm 28.9 inches	765 mm 30.1 inches	792 mm 31.2 inches	830 mm 32.7 inches	862 mm 33.9 inches
WHEELBASE	1025 mm 40.4 inches	1073 mm 42.2 inches	1073 mm 42.2 inches	1099 mm 43.3 inches	1131 mm 44.5 inches	1140 mm 44.9 inches
K REACH	380 mm 15.0 inches	387 mm 15.2 inches	414 mm 16.3 inches	435 mm 17.1 inches	458 mm 18.0 inches	465 mm 18.3 inches
L STACK	552 mm 21.7 inches	566 mm 22.3 inches	576 mm 22.7 inches	590 mm 23.2 inches	613 mm 24.1 inches	618 mm 24.3 inches
STEM LENGTH	80 mm	80 mm	90 mm	100 mm	110 mm	120 mm

SCALE 29 CARBON

	S	M	L	XL
A HEAD TUBE ANGLE	69.5°	69.5°	69.5°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 inches	105 mm 4.1 inches	115 mm 4.5 inches	125 mm 4.9 inches
C TOPTUBE LENGTH HORIZONTAL	580 mm 22.8 inches	600 mm 23.6 inches	620 mm 24.4 inches	640 mm 25.2 inches
E SEAT TUBE ANGLE	72.5°	72.5°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	390 mm 15.4 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches
G BB CENTER TO TOPTUBE CENTER	329 mm 13.0 inches	375 mm 14.8 inches	415 mm 16.3 inches	465 mm 18.3 inches
H CHAINSTAY LENGTH	438 mm 17.2 inches	438 mm 17.2 inches	438 mm 17.2 inches	438 mm 17.2 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
BB HEIGHT	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches
J STANDOVER HEIGHT	756 mm 29.8 inches	783 mm 30.8 inches	810 mm 31.9 inches	842 mm 33.1 inches
WHEELBASE	1079 mm 42.5 inches	1096 mm 43.1 inches	1117 mm 44.0 inches	1137 mm 44.8 inches
K REACH	385 mm 15.2 inches	405 mm 15.9 inches	422 mm 16.6 inches	439 mm 17.3 inches
L STACK	618 mm 24.3 inches	618 mm 24.3 inches	628 mm 24.7 inches	637 mm 25.1 inches
STEM LENGTH	70 mm	80 mm	90 mm	100 mm

SCALE

BB STANDARDS/FD MOUNTING DETAILS SCALE CARBON:

Scale is available with 2 different Bottom Bracket systems.

Both of them are designed for PressFit Cartridges (PF).

PF BB 92 has a housing width of 89mm with an inner diameter for the cartridges of 41mm.



The Front Derailleur (FD) clamp is with an inner diameter of 34.9mm, the cable routing on the frame is for “down route/pull – down swing” models..

PF BB 30 has a housing width of 73mm with an inner diameter for the cartridges of 46mm.



The Front Derailleur (FD) clamp is with an inner diameter of 38.1mm, the cable routing on the frame is for “down route/pull – down swing” models.

PF BB 30 has a housing width of 73mm with an inner diameter for the cartridges of 46mm.

SCALE

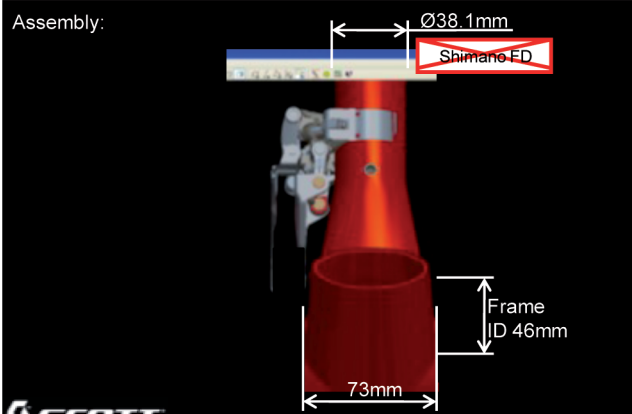
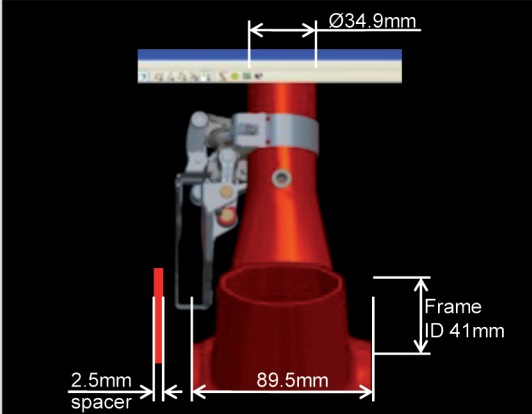
BB STANDARDS/FD MOUNTING DETAILS SCALE CARBON:

Important

Please respect the maximum torque indication given by Shimano/SRAM.

A higher tightening torque might cause damage to the FD camp and/or frame tube!

SCALE 2011 / 2012 BB-STANDARDS

	BB PRESS FIT 30	BB PRESS FIT 92
Description: (Workbook)	INT. BB PF30	INT. BB PF92
Frame dimensions:	BB ID 46mm BB width 73mm FD mech OD 38.1mm	BB ID 41mm BB width 89.5mm FD mech OD 34.9mm
BB-Specification:	SRAM BB30PF	Shimano SM-FC7800-P SRAM press fit GXP
FD-Specification:	SRAM High clamp, Ø38.1mm only NO Shimano!	All high clamp, Ø34.9mm
Assembly:		

SCALE

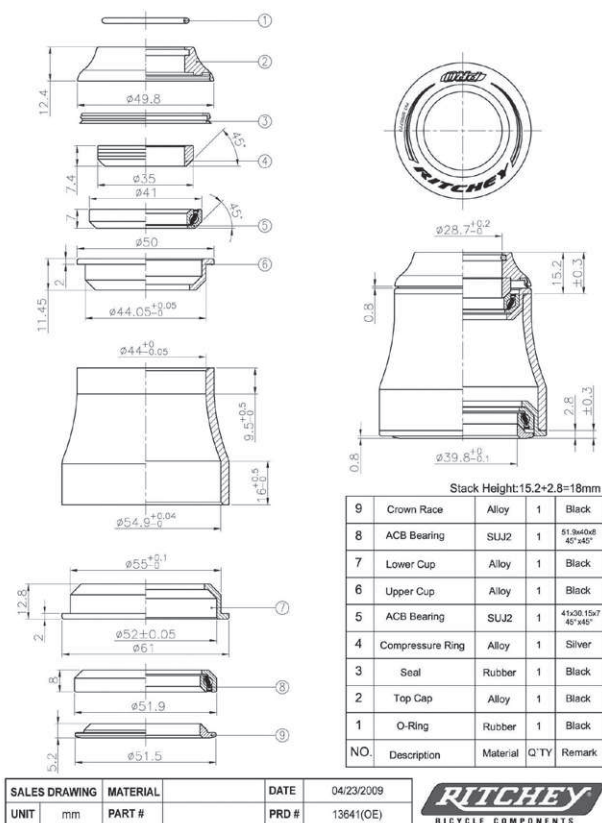
HEADSET OPTIONS SCALE CARBON:

IScale Carbon features a tapered headset and fork steerer system to match with semi-integrated headsets of the “50-61”mm range.

The steerers of those forks are tapered from 1.5” to 1 1/8”.



Headset Pro Zero Logic Press Fit Taper 18mm



Ritchey WCS Carbon Zero Tapered	PF 50-61mm	18mm UD
Ritchey PRO Tapered	PF 50-61mm	12.9mm

It is also possible to use forks with a standard 1 1/8” steerer tube when using a reducer headset such as e.g.

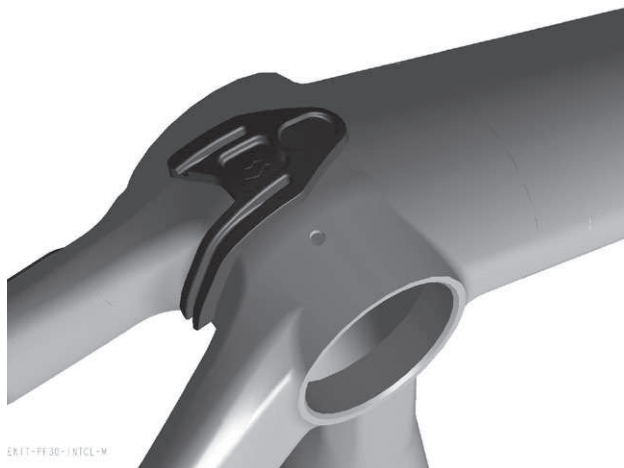
Ritchey WCS Carbon Zero Tapered	PF 50-61mm	18mm UD for 1 1/8 fork
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SCALE

BB CABEL GUIDE/CABEL ROUTING SCALE CARBON:

Scale Carbon features also an internal cable routing for front and rear derailleur.

A special BB Cable Guide was developed for Scale Carbon which is available as a spare part at the Scott distribution.



Please note that the outer housing of the FD and RD cables will stop at the cable stop/port on the front end of the down tube.



In case you want to replace the cables, please follow those steps:

1. Remove the clip-in BB Guide in the BB housing
2. Push the inner cables from the front downward inside the downtube to the BB housing. Please make sure to follow the cable routing as shown below:
3. Pull them out on the related holes (RD on right side, FD on left side) on the BB housing.

SCALE

BB CABEL GUIDE/CABEL ROUTING SCALE CARBON:



4. Push them through the related holes on the BB Guide and clip the BB Guide into the BB housing



5. Follow the standard set up and assembly instructions of the shifting system manufacturer for final adjustment of the shifting system

SCALE

SEATTUBE CLAMP SCALE CARBON:

Scale Carbon features two different versions of the seatpost fixation on the seattube.

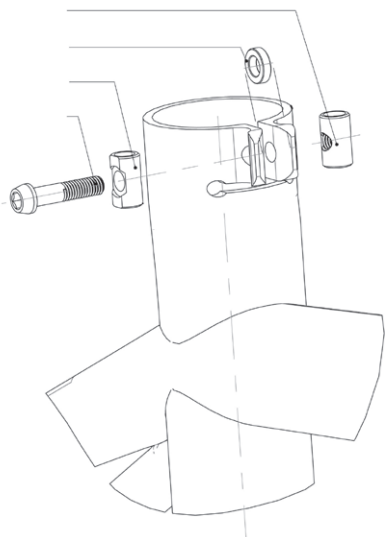
INTEGRATED CLAMP TYPE:

This fixation shaves off 11 grams in comparison to a regular seattube clamp.

Please note the maximum tightening torque on the fixing bolt of 5Nm/44 in/lbs to avoid damages on frame, clamp parts or the seatpost.



Please make sure to use always the washer between the 2 clamp parts to avoid damages on the frame, seatpost or clamp mechanism.



STANDARD TYPE:

Please make sure to only use a seatclamp with an inner diameter of 38.2mm and please note the maximum tightening torque on the fixing bolt of 5Nm/44 in/lbs

SCALE

REPLACEABLE REAR DERAILLEUR HANGER SCALE CARBON:

Scale Carbon is using the same replaceable rear derailleur hanger as Scott Spark and Genius.

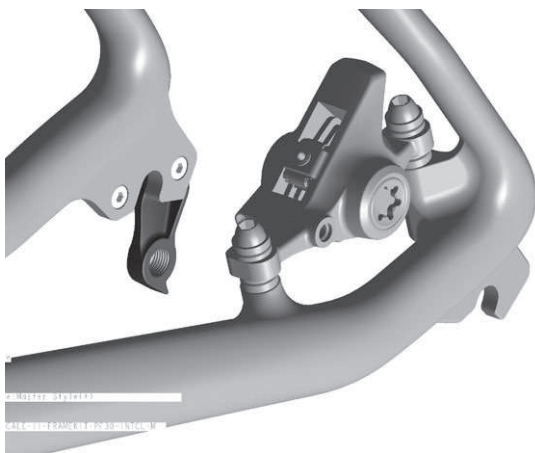
This spare part can be ordered via the Scott distribution with article number **206473**.



REAR DISC BRAKE MOUNT

The rear disc brake on Scale Carbon is Postmount (PM) Standard on the left chainstay and optimized for 160mm/6" rotors, so the calliper can be mounted directly without adapters on the Postmount fixation.

Please note Scale Carbon is designed for disc rotors between 160mm/6" and 185mm/7" (adapter needed from manufacturer of the brake)only.



FRONT FORK SET-UP/ CHANGE OF FRONT FORK:

For the set up of the front fork please use the fork specific manual attached to the bike.

We recommend using front forks with distance of 471mm/18.54" between mid of axle to top of crown, as this will not influence the geometry and alter handling of the bike.



SCALE

SPECIAL PARTS SCALE 26

Item	Description
219579	BB Cableguide Scale Carbon 2011 one size
219560	Blck screw set Spark/Scale/Genius/Gen.LT no size
219578	Chainguide System Scale 2011 one size
220518	Chainsuck Protector Scale carbon 11'
219688	CSP New Scale Carbon black
206473	Dropout Spark/Genius'09 Scale'11 2-PAK
223081	Fork Suntour XCR H-LO 100mm
219509	Headset Ritchey WCS carb.0-tap.f/1 1/8" one size
219508	Headset Ritchey WCS carb.0-tapered one size
219559	Red screw set Spark/Scale/Genius/Gen.LT no size
214681	Rim Alex XC 44 disc 32H 26" black
223311	Seatclamp 37.8mm w/QR CrMo bolt 1size
223312	Seatclamp 37.8mm w/QR Titanium bolt 1size
219580	Seatclamp System Scale RC 2011 one size

SPECIAL PARTS SCALE 29

Item	Description
219579	BB Cableguide Scale Carbon 2011 one size
220518	Chainsuck Protector Scale 11' carbon
219688	CSP New Scale Carbon black
206473	Dropout Spark/Genius'09 Scale'11 2-PAK
206375	Dropout+Screw all MTB since'97 5-PAK
223086	Fork Suntour XCR 29 H-LO 100mm black
200718	Headset Ritchey sem.int.11/8
219508	Headset Ritchey WCS carb.0-tapered one size
219527	Rim Alex XC 49 disc 32H 29" black
223401	Saddle Scott Racing
223309	Seatclamp 34.9mm w/QR CrMo bolt 1size
223310	Seatclamp 34.9mm w/QR Titanium bolt 1size
223311	Seatclamp 37.8mm w/QR CrMo bolt 1size
223312	Seatclamp 37.8mm w/QR Titanium bolt 1size

SPECIAL PARTS SCALE ALLOY

Item	Description
200513	CS Neopren Tpu Scott Scale
206375	Dropout+Screw all MTB since'97 5-PAK
219361	Fork Suntour XCR H-LO 100mm white
200718	Headset Ritchey sem.int.11/8
214681	Rim Alex XC 44 disc 32H Blk 26"
223401	Saddle Scott Racing
223309	Seatclamp 34.9mm w/QR CrMo bolt 1size
223310	Seatclamp 34.9mm w/QR Titanium bolt 1size

5 TWINLOC FOR SPARK 2011, GENIUS, GENIUS LT



TWINLOC

The TWINLOC remote control lever is the evolution of the already outstanding TRACLOC system of Scott.

While TRACLOC allowed the change on the Scott rear shocks Nude TC and Equalizer 2 between the Scott patented Lock-out, traction and full-mode on the fly from the handlebar, the TWINLOC now allows in combination with Nude TC, Equalizer 2 and 3 also the remote control of the front fork to shift between lock-out and open mode at the same time when you change the modes on the Scott rear shox.

The 3 modes on the lever and suspension units are:

- **Full Travel Mode:** full travel rear, full travel front
- **Traction Mode:** traction mode rear, full travel front
- **Lock-out Mode:** lock-out rear, lock-out front

Therefore Scott offers 4 different TWINLOC levers with following fork/rear shock combinations:

- Equalizer 3 with adapter to match ONLY SRAM/RockShox fork

219562	Twinloc Lever for Equalizer 3 Nsize
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Please note that there is no option to run this lever with a FOX or other fork.

- Equalizer 2 with adapters for SRAM /RockShox fork and FOX fork/DT Swiss fork

216350	Twinloc Lever for Equalizer 2
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- Nude TC with adapters for SRAM /RockShox fork and FOX fork/DT Swiss fork

216351	Twinloc Lever for Nude TC
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- DT M210 with adapters for SRAM /RockShox fork and FOX fork/DT Swiss fork

216352	Twinloc Lever for DT M 210
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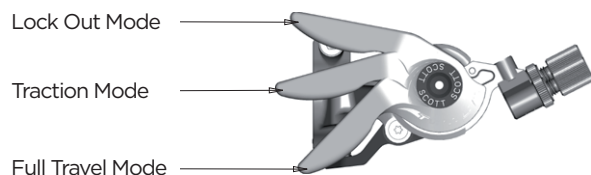
Please note that the DT Swiss M210 rear shock does not offer a traction mode, but only lock-out and full-mode.

Important: you can only assemble the TWINLOC remote lever in “left side upward position” on the handlebar.

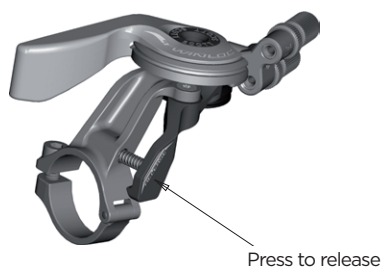
TWINLOC

You have 3 positions on the TWINLOC remote lever.

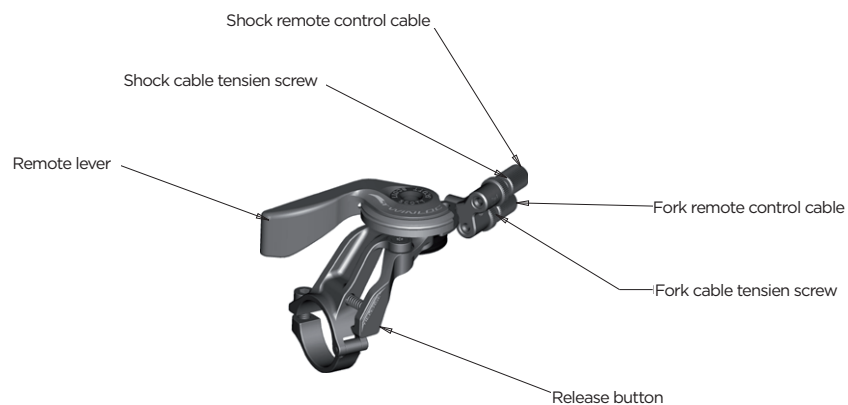
- **most forward position:** lock-out rear, lock-out front
- **middle position:** traction mode rear, full travel front
- **most backward position:** full travel rear, full travel front



Change the modes by pushing the lever with your fingers frontward and release them by tapping the release button (one mode per push/release)



For the different parts of the TWINLOC lever mentioned in the following instruction please refer to the drawing with parts names below:

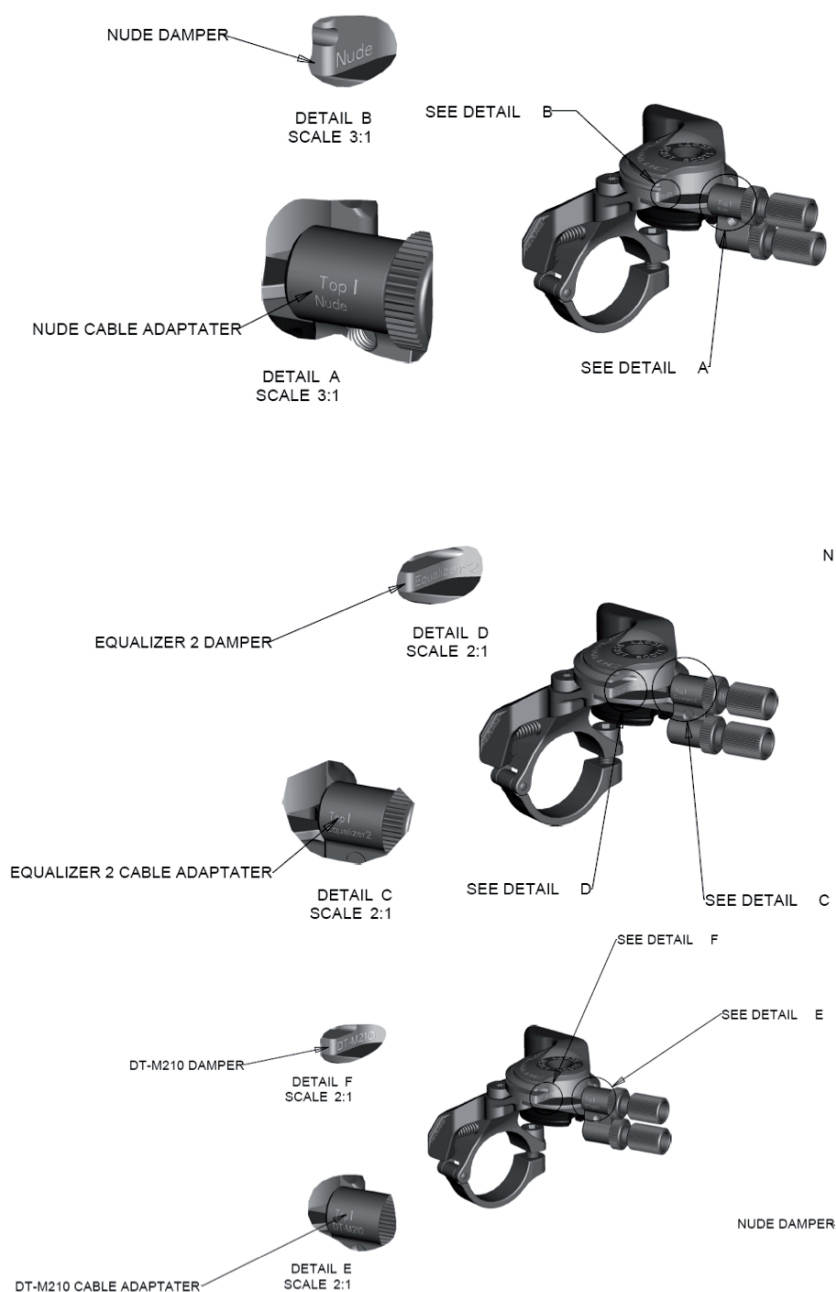


Please note that the cable for the rear shock is ALWAYS the upper cable on the lever as shown in drawing below.



TWINLOC

Please make sure that your lever fits to the rear shock of the bike.

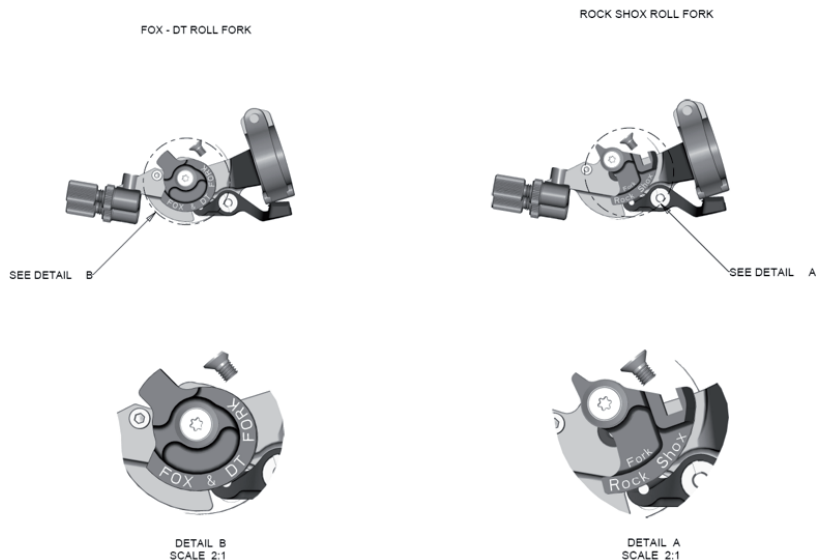


TWINLOC

For the assembly of the remote control of the front fork lock-out 2 different cable systems are existing.

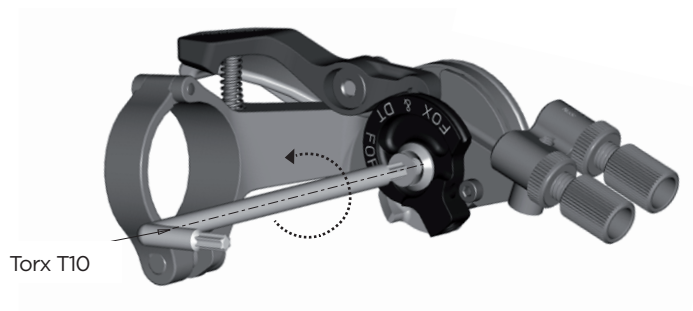
The different roll for the pull of the fork remote cable can be changed within few minutes to adapt the lever to your fork model/brand.

You will see on the downside of the roll the indication of fork brand.

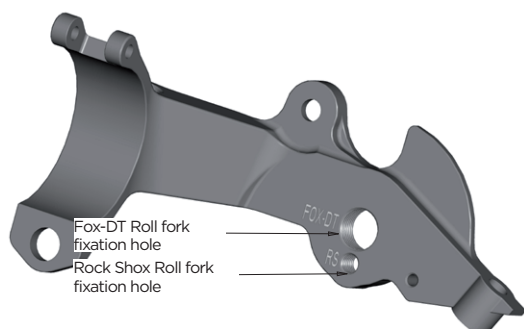


To change the rolls to match another fork brand pls follow the drawings below:

DISASSEMBLY:

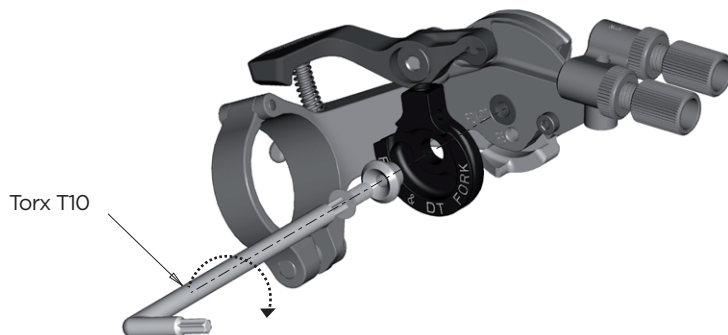


Please note that the 2 different rolls must be assembled in the indicated locations as shown below:



TWINLOC

ASSEMBLY:



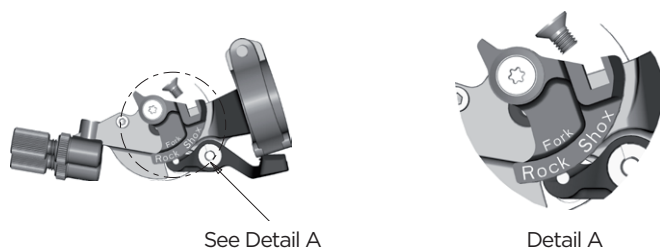
ASSEMBLY OF THE REMOTE CABLE

SRAM/ROCKSHOX FORKS:

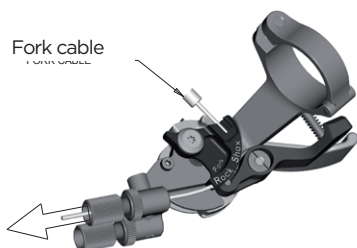
Important:

Please make sure the lockout of SRAM/RockShox fork is activated after transport correctly. Therefore please compress fork 5-10 times before following the manual on remote cable installation and adjustment.

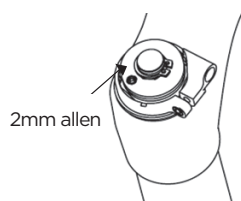
The lever should show on the downside of the cable roll follow indication:



To assemble the cable please bring the lever into the All Travel Mode, push the cable into the lever-eyelet as shown on drawing below, push it through the pre-cut cable housing and fix it at the assembly unit on top of the right side of the fork crown.



Fix the cable with the 2mm allen screw on the barrel adjuster on the fork crown with a tightening torque of 0.9Nm/ 8lb/in, cut the cable and secure it with a cable end-cap. Please refer for this action also to the manual of SRAM/RockShox attached to the bike.



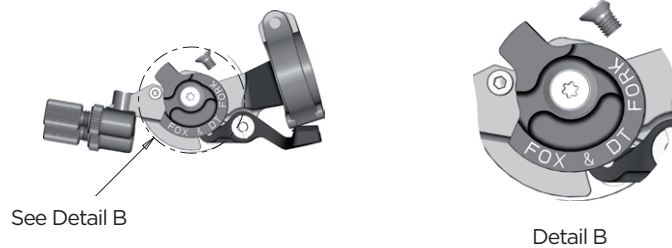
TWINLOC

FOX-DT SWISS FORKS

Important:

Please make sure the lockout of FOX/DT fork is activated after transport correctly. Therefore please compress fork 5-10 times before following the manual on remote cable installation and adjustment.

The lever should show on the downside of the cable roll follow indication:

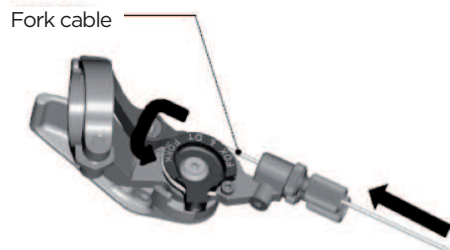


To assemble the cable please bring the lever into the Full (Travel) Mode

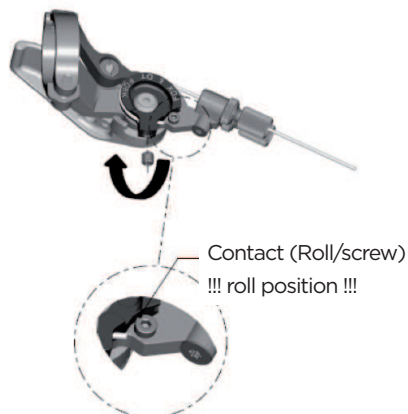
Full mode



push the pre-cut cable through the pre-cut cable housing into the lever as shown on drawing below



and secure the cable by fixing the 2mm allen screw with a tightening torque of 0.9Nm/ 8lb/in as shown on the drawing below on the roll.



Cut the cable 5mm behind the roll and secure it with a cable end-cap.

TWINLOC

Please refer for this action also to the manual of FOX or DT Swiss attached to the bike.

In case you need to remove the remote cable completely from the forks of FOX or DT Swiss please follow the instructions of the related fork manuals of the fork manufacturers or contact a fork service center / your local dealer to do so.

TIP:

To check for accurate cable tension, please try to move the plastic end cap of the cable housing at the barrel adjuster on the remote lever. There should be “no-play” between cap and barrel adjuster.

In case of “play” please turn the barrel adjuster clockwise until “no-play”.



6 GENIUS

GENIUS



Genius 10

The frames of Genius Carbon and Alloy bikes of MY 2012 remain unchanged.

All models share the same geometry and kinematics.

For After Sales Service Scott recommends following parts:

To repair or replace the bearings of the pivot points of Genius we offer following articles:

212744	TOOL- SWINGARM GENIUS 09 1size
212749	SWINGARM-Rep. Set GENIUS 09 1size

The tool set contains, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.

The Swingarm Rep Set contains beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark bike.

The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

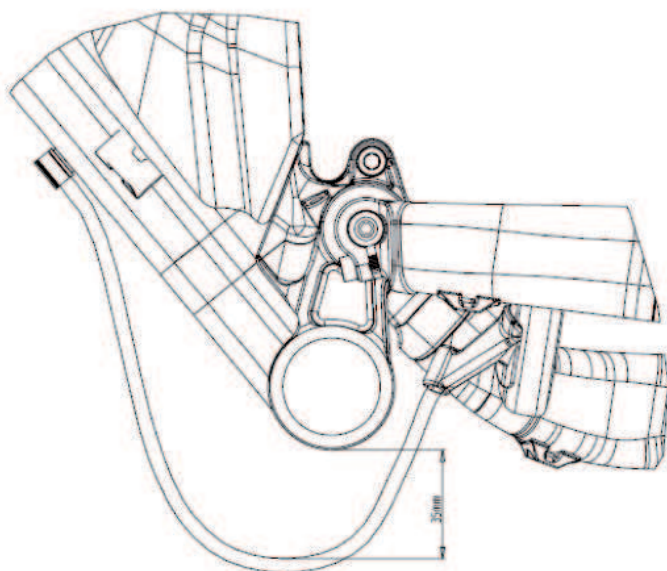
One frame needs following bearings:

- 2 x 61900-2RS (Ø22xØ10x6)
- 6 x 61800-2RS (Ø19xØ10x5)

GENIUS

IMPORTANT

In order to avoid damages on the frame/derailleur and/or “ghost-shifting” which could result in dangerous riding please note that under the BB housing the distance between the cable housing and the BB shell should be minimum 35mm.



SRAM XX COMPONENTS COMPATIBILITY FOR GENIUS BIKES

For SRAM FD XX there are 3 different choices

FD XX DMD S3 42 28 DOWN PULL

FD XX DMD S3 39 26 DOWN PULL

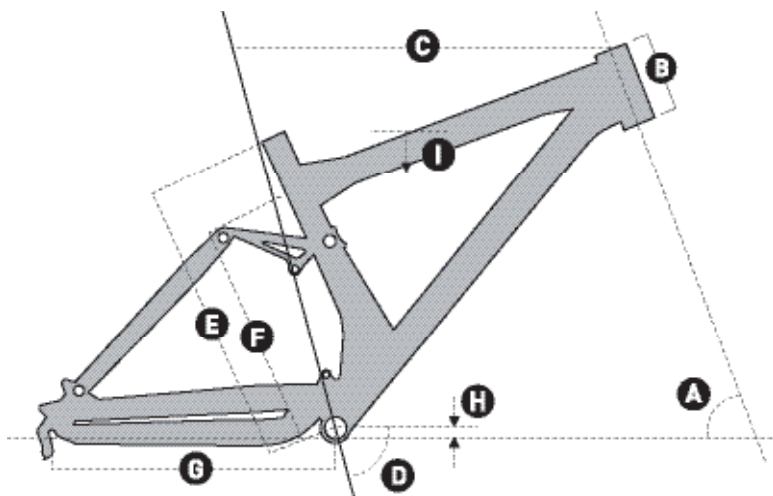
FD XX DMD S3 45 30 DOWN PULL

For BB assembly pls note that for all Genius only the GXP version for BSA 73mm housing will match

Please use only the crankset version with 164mm Q-factor otherwise you will have some clearance problems.

GENIUS

GEOMETRY / TECHNICAL DATA GENIUS



GENIUS CARBON

Size	A		B		C		D		E		F		G		H		I		wheel base		Stem length
	head angle °		head tube mm	inches	top tube horizontal mm	inches	seat angle °		BB center to top of seat tube mm	inches	BB center to top tube center mm	inches	chainstay mm	inches	BB offset mm	inches	standover height mm	inches	mm	inches	
S	68.3		100	3.9	555	21.9	73.5		440	17.3	337	13.3	428	16.9	10	0.4	771	30.4	1088	42.8	80
M	68.5		115	4.5	585	23.0	73.5		450	17.7	358	14.1	428	16.9	10	0.4	786	30.9	1117	44.0	80
L	68.7		135	5.3	610	24.0	73.5		475	18.7	384	15.1	428	16.9	10	0.4	807	31.8	1141	44.9	90
XL	68.9		160	6.3	640	25.2	73.5		500	19.7	410	16.1	428	16.9	10	0.4	830	32.7	1171	46.1	100

GENIUS ALLOY

S	68.5	110	4.3	555	21.9	73.5	440	17.3	336	13.2	428	16.9	10	0.4	778	30.6	1086	42.8	80
M	68.5	120	4.7	585	23.0	73.5	450	17.7	358	14.1	428	16.9	10	0.4	791	31.1	1117	44.0	80
L	68.5	135	5.3	610	24.0	73.5	475	18.7	384	15.1	428	16.9	10	0.4	810	31.9	1144	45.0	90
XL	68.5	160	6.3	640	25.2	73.5	500	19.7	410	16.1	428	16.9	10	0.4	833	32.8	1176	46.3	100

Travel	150/95/0mm
Suspension Ratio	3
Piston stroke	50 mm
Shock length (Eye to Eye)	165mm
Hardware Mainframe	14mm x 6mm,
Hardware Swingarm	14mm x 6mm,
Seatpost diameter	34,9mm
Headset	1 1/8" semi integr. with 44.0mm cups
Fork travel	140-150mm
Fork length	518-525mm
BB housing	73mm
Front derailleur	E-type, direct mount, down pull
Bearings	61900-2RS (Ø22xØ10x6) / 61800-2RS (Ø19xØ10x5)

GENIUS

TECHNICAL DATA GENIUS

GENIUS

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Genius 10	XO LDM	170(S); 175(M-XL)	LOGIC PRO PF-12 28.6-44-30 H=12.9	70 (S); 80(M); 90(L); 100(XL)	680	34.9 / 400
Genius 20	FD-M780-10E	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-30 H=12.9	70 (S); 80(M); 90(L); 100(XL)	680	34.9 / 400
Genius 30	X7 LDM	170(S); 175(M-XL)	LOGIC PRO PF-12 28.6-44-30 H=12.9	70 (S); 80(M); 90(L); 100(XL)	680	34.9 / 400
Genius 40	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	LOGIC PRO PF-12 28.6-44-30 H=12.9	70 (S); 80(M); 90(L); 100(XL)	680	34.9 / 400
Genius 50	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS 28.6-30-44 H=11	70 (S); 80(M); 90(L); 100(XL)	680	34.9 / 400

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Genius 10	XR-15 32H WHEEL SET	XR-15 32H WHEELSET	165	M6X 14
Genius 20	XR-25 32H WHEEL SET	XR-25 32H WHEELSET	165	M6X 14
Genius 30	XR-35 32H WHEEL SET	XR-35 32H WHEELSET	165	M6X 14
Genius 40	260/263	262/261	165	M6X 14
Genius 50	261/264	264/263	165	M6X 14

SPECIAL PARTS GENIUS

Item	Description
219560	Blck screw set Spark/Scale/Genius/Gen.LT no size
212750	Cable Fixing Set Genius '09
213014	CS Neopren Tpu Scott Genius
219687	CSP New Genius Alloy Pre Shape
219686	CSP New Genius Carbon Pre Shape
206473	Dropout Spark/Genius 09' 2-PAK
212752	Equalizer 2 Shock
212684	Linkage Bar Set Genius 09 Bk
216268	Linkage Bar Set Genius 2010 white
219559	Red screw set Spark/Scale/Genius/Gen.LT no size
1518364020000	Seatclamp 38.4mm w/bolt JD-RC
1518364010000	Seatclamp 38.4mm w/Quick Release JD-MC
219684	Shock Pump Scott Pro
212749	Swingarm-Rep. Set Genius 09
212744	Tool- Swingarm Genius 09
216350	Twinloc Lever for Equalizer 2

► QUICK START

SCOTT

equalizer

Engineered by **DT SWISS**

1 LEVER POSITION FOR SET-UP

Lock out Mode

Traction Mode

Full Travel Mode



► **LEAVE THE LEVER ON THE FULL MODE POSITION**

2 PRESSURE ADJUSTMENT

1. Remove the valve cap of the positive valve.
2. Pump the recommended pressure into the shock.
3. Same operation with the negative chamber.



Positive Chamber	Negative Chamber	Rider Weight
11	8	40
12	8.5	45
13	9	50
14	10	55
15	10.5	60
16	11	65
17	12	70
18	12.5	75
19	13.5	80
20	14	85
21	14.5	90
22	15.5	95

3 HOW TO USE SHOCK PUMP

Make sure to balance at least this air loss when you make a check of the air pressure of the shock. Pls also note that the indicators of shock pumps have a tolerance of max. 10%



4 SAG INDICATOR

- If the arrow is at a lower percentage indication then the one of your choice the air pressure in the positive air chamber is too high.
- If the arrow is at a higher percentage indication then the one of your choice the air pressure in the positive air chamber is too low.

► **RECOMMENDED SAG: 25%**



5 SET-UP OF REBOUND

Please make sure that both rebound wheels show the same number below the arrow on the shock body.

► **RECOMMENDED REBOUND:**
GENIUS: 6
GENIUS LT: 8



7 GENIUS LT

GENIUS LT



Genius LT 10

The frames of Genius LT Carbon and Alloy bikes of MY 2012 got a change on the cable routing on the downside of the downtube

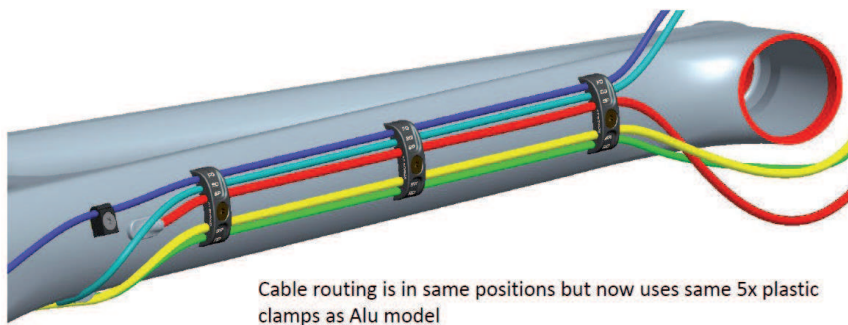
Frame weight is 2.8kgs/6.2lbs including the shock with its 0.535kg/1.18lbs.

The Scott system, named TC (Traction Control) will allow you to reduce by remote control the rear wheel travel from 185mm to 110mm including a more progressive spring rate but still offering a supple break away.

No power will be lost and an optimum power transfer is guaranteed as the swingarm, in contrary to locked or automatic-locking systems, can follow the trail surface and will offer perfect traction and higher speed while standing on the pedals.

GENIUS LT

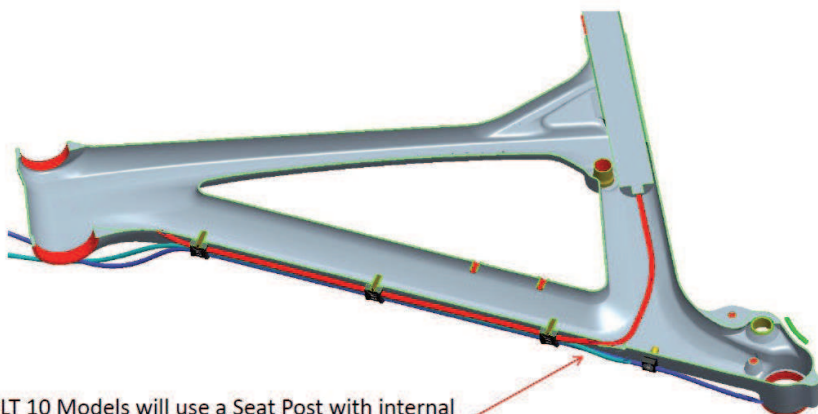
The carbon frames now have the same cable fixing as the alloy frames:



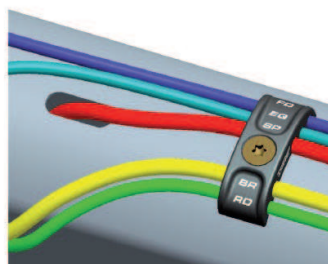
In addition for the Genius LT 10 Scott offers inline a special seatpost model of the SRAM RockShox Reverb called Stealth.



The cable housing moves on the downside of the downtube inside the frame for a cleaner look and a better performance.:



Genius LT 10 Models will use a Seat Post with internal cable routing. The cable will enter the frame at bottom of DT and run up the ST to the Post. This part must be assembled by the customer.



GENIUS LT

The frames of Genius LT Carbon and Alloy bikes of MY 2012 got a change on the cable as the shops need to install and re-bleed the system after assembly of the seatpost it is important to follow exactly the details shown on the instruction movie at following link:

<http://www.youtube.com/watch?v=UMH3fbTL7Cw>

Framesets will have both versions of the plug to seal the downtube:



Framesets will have both versions of the plug to seal the downtube:

FOR AFTER SALES SERVICE SCOTT RECOMMENDS FOLLOWING PARTS:



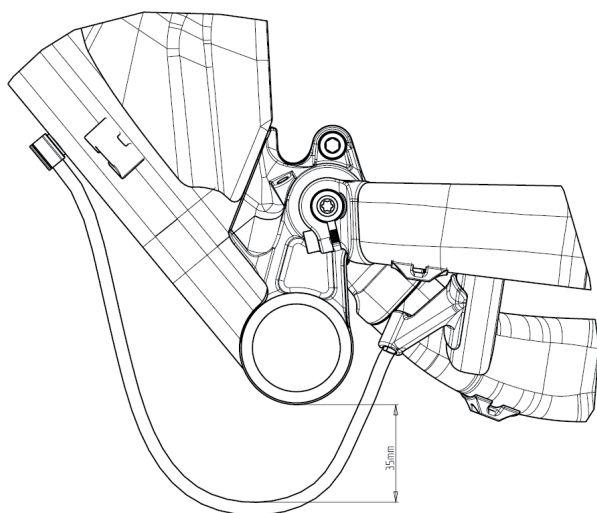
A complete kit of the new clamps and downtube plugs we use in 2012 on the LT bikes can be ordered with parts number

224419	Cable Clamping Set Genius LT 2012
---------------	-----------------------------------

GENIUS LT

CABLE HOUSING LENGTH

In order to avoid damages on the frame/derailleur and/or “ghost-shifting” which could result in dangerous riding please note that under the BB housing the distance between the cable housing and the BB shell should be minimum **45mm**.



For After Sales Service Scott recommends following parts:

To repair or replace the bearings of the pivot points of Genius we offer following articles:

219553	Tool set swingarm Genius LT 2011
219565	Swingarm-Rep. Kit Genius LT

The tool set contains, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.

The Swingarm Rep Set contains beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark bike.

The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

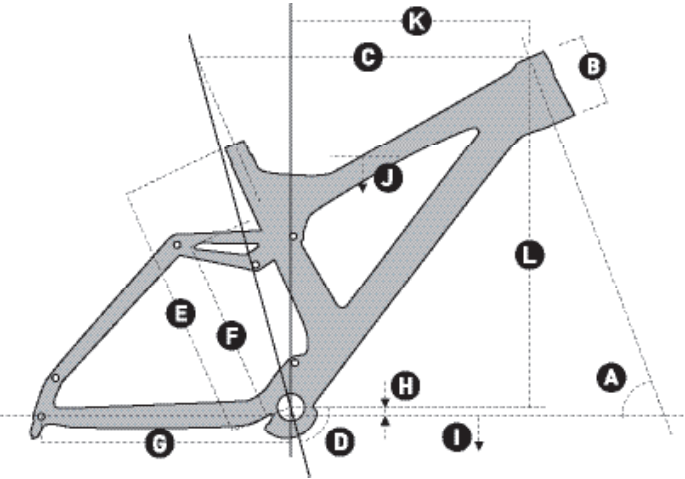
One frame needs the following bearings:

- 4 x 6802 (15x24x5mm)
- 2 x 6803 (17x26x5mm)
- 2 x 61800 (10x19x5mm)



GENIUS LT

GEOMETRY / TECHNICAL DATA GENIUS LT



Size	A	B		C		D	E		F		G		H		I		J		K		L				
	head angle	head tube		top tube horizontal		seat angle	BB center to top of seattube		BB center to toptube center		chainstay		BB offset		BB height		standover height		wheel base		Reach		Stack		Stem length
	°	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm		
S (High setting)	67.0	120	4.7	560	22.0	74.2	440	17.3	306	12.0	428	16.9	23	0.9	367	14.4	779	30.7	1122	44.2	390	15.4	594	23.4	60
S (Low setting)	66.3	120	4.7	560	22.0	73.5	440	17.3	306	12.0	428	16.9	15	0.6	358	14.1	775	30.5	1125	44.3	383	15.1	599	23.6	60
M (High setting)	67.0	120	4.7	585	23.0	74.2	460	18.1	310	12.2	428	16.9	23	0.9	367	14.4	780	30.7	1147	45.2	414	16.3	594	23.4	60
M (Low setting)	66.3	120	4.7	585	23.0	73.5	460	18.1	310	12.2	428	16.9	15	0.6	358	14.1	775	30.5	1150	45.3	408	16.1	599	23.6	60
L (High setting)	67.0	120	4.7	610	24.0	74.2	490	19.3	326	12.8	428	16.9	23	0.9	367	14.4	788	31.0	1172	46.1	439	17.3	594	23.4	70
L (Low setting)	66.3	120	4.7	610	24.0	73.5	490	19.3	326	12.8	428	16.9	15	0.6	358	14.1	783	30.8	1175	46.3	433	17.0	599	23.6	70

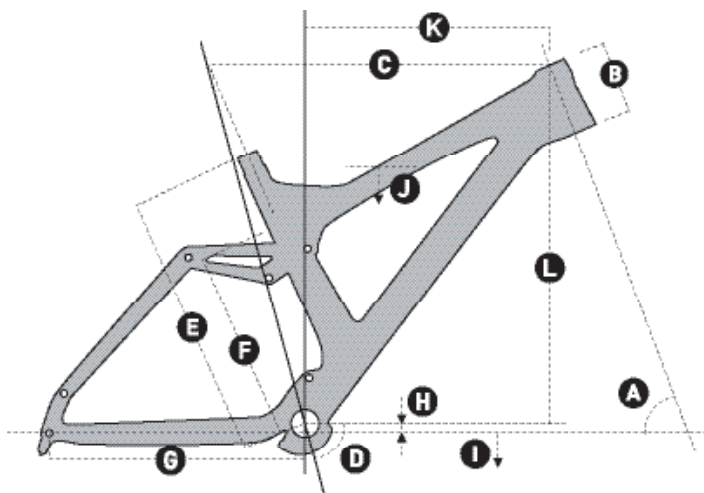
GENIUS LT

GEOMETRY / TECHNICAL DATA GENIUS LT

Travel	185/110/0mm
Suspension Ratio	2.85/1.69/0
Piston stroke	65 mm
Shock length (Eye to Eye)	180mm
Shock Hardware Mainframe	14mm x 6mm,
Shock Hardware Linkage	14mm x 6mm,
Seatpost diameter	31.6mm
Headset	1 1/8" / 1.5", tapered, cups semi-integrated, 50-61mm cup OD
Fork travel	180mm
Fork length	565mm
BB housing	PF BB 92, 73mm, depending on model
Front derailleur	Shimano E-type / SRAM DM S3
Rear Hub Width	135mm, 142mm, depending on model/dropout system
Max tire width	61mm / 2.4"
Bearings	4 x 6802/ 2 x 61800/ 2 x 6803
Chainguide	Alloy frame: ISCG 05 Carbon frame: with adapter ISCG

GENIUS LT

GEOMETRY / TECHNICAL DATA GENIUS LT



Size	A	B		C		D	E		F		G		H	
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches
S (High setting)	67.0	120	4.7	560	22.0	74.2	440	17.3	306	12.0	428	16.9	23	0.9
S (Low setting)	66.3	120	4.7	560	22.0	73.5	440	17.3	306	12.0	428	16.9	15	0.6
M (High setting)	67.0	120	4.7	585	23.0	74.2	460	18.1	310	12.2	428	16.9	23	0.9
M (Low setting)	66.3	120	4.7	585	23.0	73.5	460	18.1	310	12.2	428	16.9	15	0.6
L (High setting)	67.0	120	4.7	610	24.0	74.2	490	19.3	326	12.8	428	16.9	23	0.9
L (Low setting)	66.3	120	4.7	610	24.0	73.5	490	19.3	326	12.8	428	16.9	15	0.6

Size	I		J				K		L		Stem length
	BB height		standover height		wheel base		Reach		Stack		
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S (High setting)	367	14.4	779	30.7	1122	44.2	390	15.4	594	23.4	60
S (Low setting)	358	14.1	775	30.5	1125	44.3	383	15.1	599	23.6	60
M (High setting)	367	14.4	780	30.7	1147	45.2	414	16.3	594	23.4	60
M (Low setting)	358	14.1	775	30.5	1150	45.3	408	16.1	599	23.6	60
L (High setting)	367	14.4	788	31.0	1172	46.1	439	17.3	594	23.4	70
L (Low setting)	358	14.1	783	30.8	1175	46.3	433	17.0	599	23.6	70

TECHNICAL DATA GENIUS LT

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm
Genius LT 10	XO LDM	170(S); 175(M-L)	AM PRESS FIT TAPER H=12.9	60(S-M); 90(L)	700
Genius LT 20	X7 LDM	170(S); 175(M-L)	AM PRO PF OS 28.6-44-54.9-39.8 TAPER H=12.9	60(S-M); 70(L)	700
Genius LT 30	FD-M660-10E (E-TYPE)	170(S); 175(M-L)	AM OE PRESSFIT TAPER H=11.6	60(S-M); 70(L)	700
Genius LT 40	FD-M660-10E (E-TYPE)	170(S); 175(M-L)	AM OE PRESSFIT TAPER H=11.6	60(S-M); 70(L)	700

Bike Name	Seatpost diameter in mm / length in mm	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Genius LT 10	31.6 / 420	AM-10 32H WHEELSET	AM-10 32H WHEELSET	180	M6X 14
Genius LT 20	31.6 / 420	AM-20 32H WHEELSET	AM-20 32H WHEELSET	180	M6X 14
Genius LT 30	31.6 / 420	261/262	263/260	180	M6X 14
Genius LT 40	31.6 / 400	261/262	263/260	180	M6X 14

GENIUS LT

SPECIAL PARTS GENIUS LT

Item	Description
219560	Blck screw set Spark/Scale/Genius/Gen.LT no size
219568	Brake Mount Adapt.Spacers 4mm f/185mm one size
224419	Cable clamping set Genius LT 2012
219567	Cable Fixing Set Genius LT 2011 one size
219570	Chainguide ISCG Adaptor Set Genius LT'11 one size
219685	CSP New Genius LT Pre Shape black
219576	Dropout Hang.right side IDS 2 135/RWS12 one size
219577	Dropout Hang.right side IDS 2 142/RWS12 one size
219575	Dropout Hanger right side IDS 2 135/RWS5 one size
219573	Dropout Set IDS 2 135/RWS 12 one size
219572	Dropout Set IDS 2 135/RWS 5 one size
219574	Dropout Set IDS 2 142/RWS 12 one size
219566	FD-Mount Plate Set Genius LT 2011 one size
219571	Geometry Chip Genius LT 2011 one size
216310	Hub rep set Formula DH 91/92 front 1size
219453	Linkage Bar Genius LT 2011 one size
220519	Pivot Genius LT cable plate prot.
219561	Rear shock DT Swiss Equalizer 3 w/o lev. no size
219564	Rear Shock EQ3 Mount Bolt Set one size
219563	Rear Shock EQ3 Mount Reducer Set one size
219559	Red screw set Spark/Scale/Genius/Gen.LT no size
219569	Seatclamp 34.9mm QR Genius LT 2011 one size
223288	Seatpost KindShox i950 w/o remote 1size
219684	Shock Pump Scott Pro black
219565	Swingarm-Rep. Kit Genius LT no size
219553	Tool set swingarm Genius LT 2011 one size
219562	Twinloc Lever for Equalizer 3 no size

GENIUS LT

► QUICK START



equalizer

Engineered by DHW AUSTRIA

1 LEVER POSITION FOR SET-UP

Lock out Mode

Traction Mode

Full Travel Mode



► LEAVE THE LEVER ON THE FULL MODE POSITION

2 PRESSURE ADJUSTMENT

1. Remove the valve cap of the positive valve.
2. Pump the recommended pressure into the shock.
3. Same operation with the negative chamber.



Positive Chamber	Negative Chamber	Rider Weight
11	8	40
12	8.5	45
13	9	50
14	10	55
15	10.5	60
16	11	65
17	12	70
18	12.5	75
19	13.5	80
20	14	85
21	14.5	90
22	15.5	95

3 HOW TO USE SHOCK PUMP

Make sure to balance at least this air loss when you make a check of the air pressure of the shock. Pls also note that the indicators of shock pumps have a tolerance of max. 10%



4 SAG INDICATOR

- If the arrow is at a lower percentage indication then the one of your choice the air pressure in the positive air chamber is too high.
- If the arrow is at a higher percentage indication then the one of your choice the air pressure in the positive air chamber is too low.

► RECOMMENDED SAG: 25%



5 SET-UP OF REBOUND

Please make sure that both rebound wheels show the same number below the arrow on the shock body.

► RECOMMENDED REBOUND:
GENIUS: 6
GENIUS LT: 8



scott-sports.com

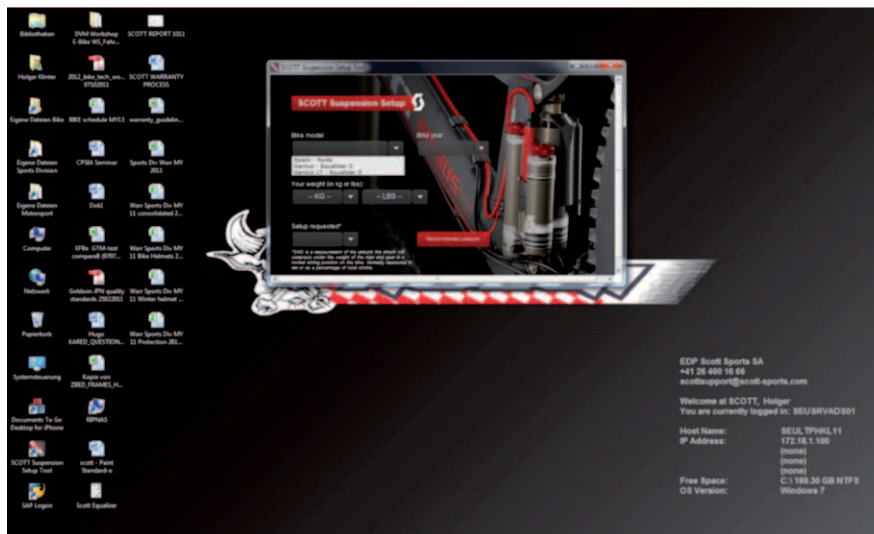
8 SCOTT SET-UP TOOL ONLINE ON SCOTT WEBSEITE

SCOTT SET-UP TOOL

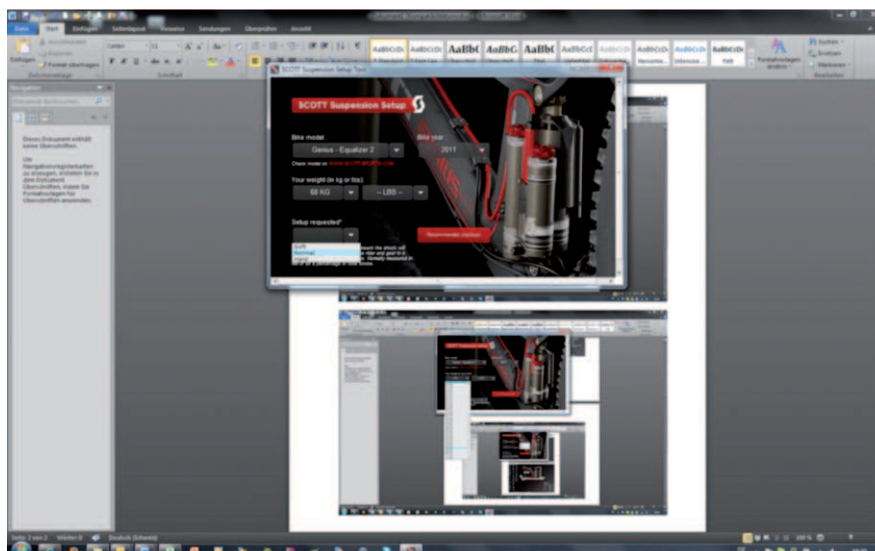
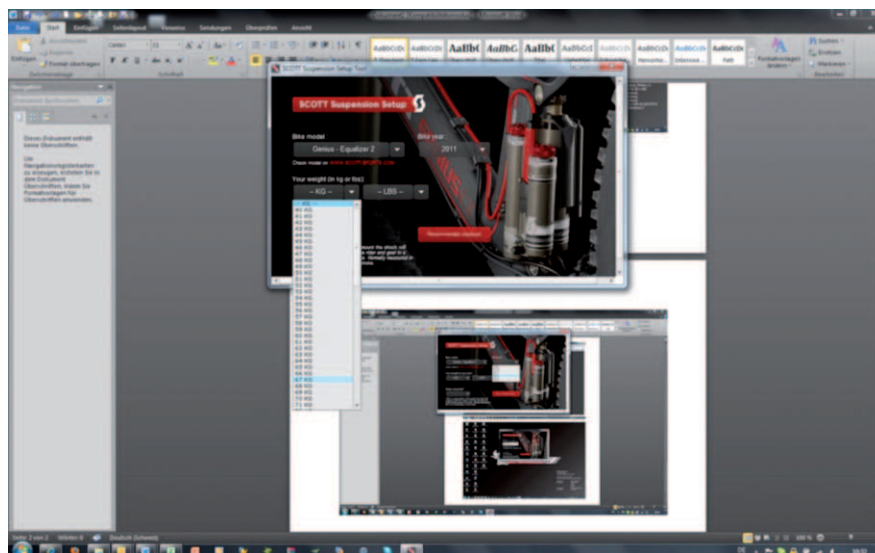
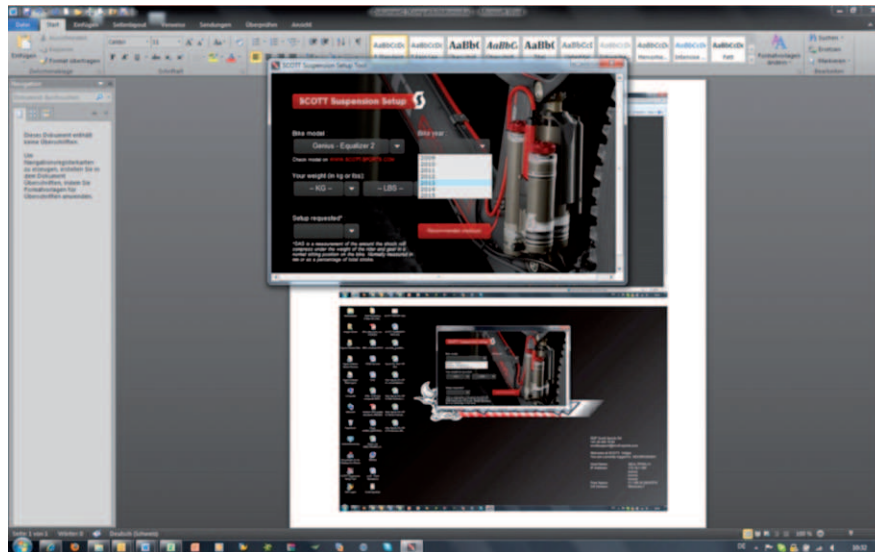
New for MY 12 we have a Set-up Tool for download from our website in the support area.

With the help of this tool you can finetune your suspension step by step beside the information provided in the manual attached to each bike.

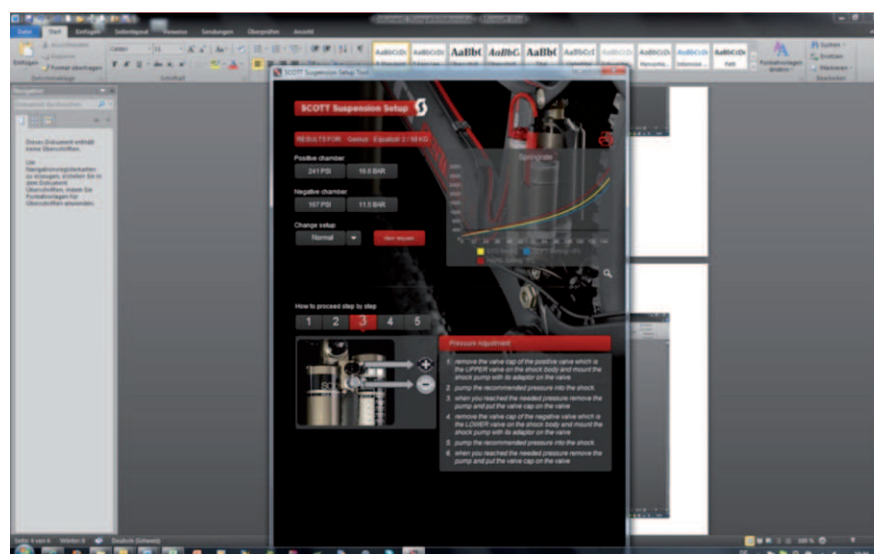
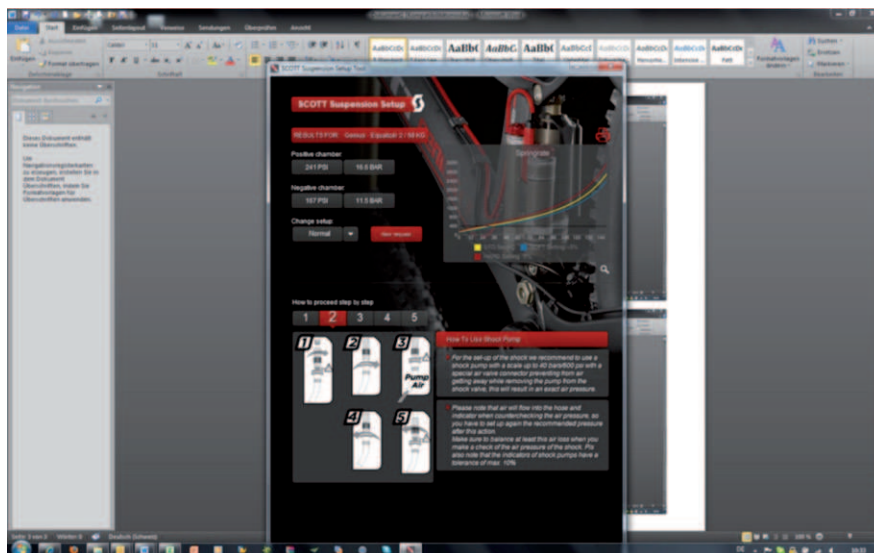
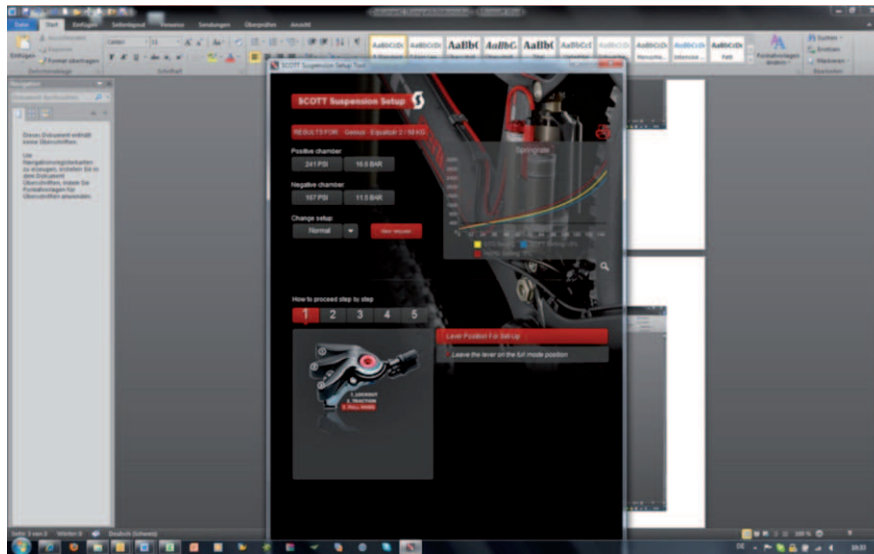
This tool is also on the CD attached to each manual.



SCOTT SET-UP TOOL



SCOTT SET-UP TOOL



The screenshot displays the SCOTT Suspension Setup software interface. The main window is titled 'SCOTT Suspension Setup' and features a sidebar with navigation options: 'Positive chamber', 'Negative chamber', and 'Charge setup'. The 'Positive chamber' tab is selected, showing a graph of pressure (PSI) versus volume (L) and a table of values. The 'Negative chamber' tab also shows a similar graph and table. The 'Charge setup' tab is currently set to 'Normal'. Below the graphs, there is a 'How to proceed step by step' section with numbered steps 1 through 5. Step 4 is highlighted. To the right of the steps, there is a 'SCOTT indicator' section with instructions on how to use the indicator to measure air pressure. The background of the software window shows a motorcycle suspension system.

SCOTT Suspension Setup

Positive chamber

MEASUREMENT: Volume: 2.184 L

Positive chamber: 241 PSI 16.8 PSI

Negative chamber: 102 PSI 11.8 PSI

Charge setup: Normal

How to proceed step by step

- 1
- 2
- 3
- 4
- 5

SCOTT indicator

- The S&S should be 13 mm on the short piston, which means approx. 20% S&S in Full Travel Position

1. Sit on the bike, put your feet on the pedal.
2. Check if the arrow of the S&S indicator arrow matches with the 20% indication on the indicator or make a measurement with a calliper.
 - If you need go for a higher set up you could go for 20% S&S, in case you want to go for a softer set up you could go for 20% S&S, do other as well on the indicator.
 - If the arrow matches with the S&S percentage indication of your choice the air pressure is matching to your target.
 - If the arrow is at a lower percentage indication than the one of your choice the air pressure is too low, the positive air chamber is too high and should be quickly released by using the bleed screw of the shock pump until the arrow matches with the S&S percentage of your choice.
 - If the arrow is at a higher percentage indication than the one of your choice the air pressure is too high.



9 SCOTT SHOX SERVICE



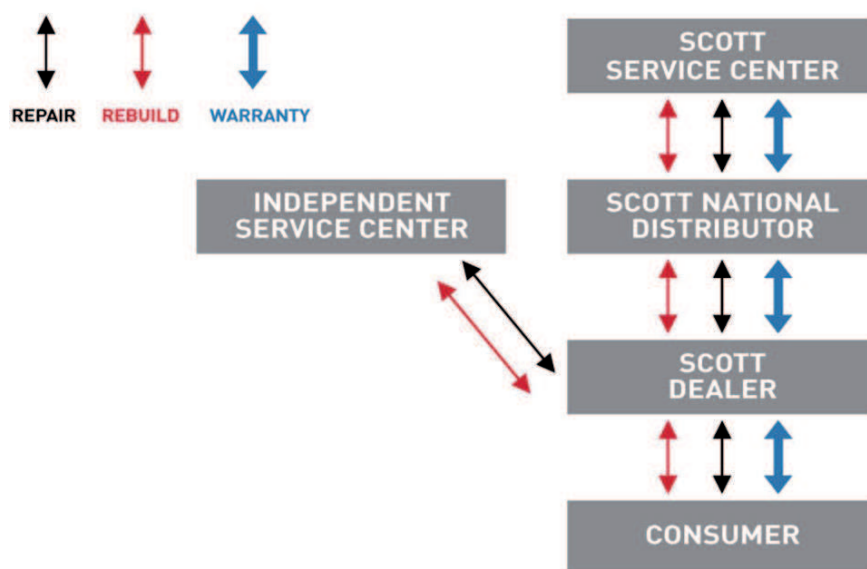
SCOTT SHOX SERVICE 2012

Please kindly note that the following is only for Genius TC, LC, LC-R and Equalizer 1 shocks! If you need service or warranty support for an Equalizer 2, Equalizer 3, Nude TC or Nude 2 shock please contact the DT service network as shown in the chapter of DT Swiss or on the website of DT Swiss.

SCOTT SHOCKS SERVICE/ WARRANTIES

For the maintenance of Scott Shocks please follow the service indications as shown below:

SCHEMATIC FOR SERVICE PROCEDURE



The annual maintenance of the Scott Shock is obligatory to keep the 2 years of warranty period as otherwise the shock will suffer from wear and tear which is not included in warranty.

Please check for details your Scott Shock Owners Manual.

For the annual maintenance pls contact your national Scott Shock Service Center as shown in the list below via your authorized Scott dealer.

ANNUAL MAINTENANCE

- new oil
- all seals of moving parts
- all sliders
- all O-rings
- new decals

Recommended retail price at your Scott Dealer:

Genius TC: 95 €
Equalizer OTS: 95 €
Scott LC: 90 €
Scott LC-R: 90 €

plus additional freight costs.

This price is recommended in case the shock was given to a Scott Service Center by your local Scott dealer.



SCOTT SHOX SERVICE 2011

AUTHORIZED INDEPENDENT SHOCK SERVICE CENTER

Bike Suspension Center - Italy

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Fax: +39 0473 55 9630
info@pepi.it
www.bikesuspension.com

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info@sabma.com
www.sabma.com

Koehn/Reset - Germany/Austria

Göttinger Chaussee 12-14
D-30453 Hannover
Phone: +49 511 9245429
Fax: +49 511 9245449
info@reset-racing.de
www.reset-racing.de

Suspension Center - Switzerland

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Phone: +41 31 809 30 20
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suspension.center@bluewin.ch
www.suspensioncenter.ch

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rtech@oeoe.fi

Please note:

All warranties on Scott Shocks must always be given via your local Scott dealer (and the national Scott distributor) only to Scott Service Centers as shown in the diagram above.

10 ASPECT/ ASPECT 29

ASPECT/ASPECT 29



ASPECT 10

ASPECT 26" in MY 2012 keeps the same frame as in MY 2011.

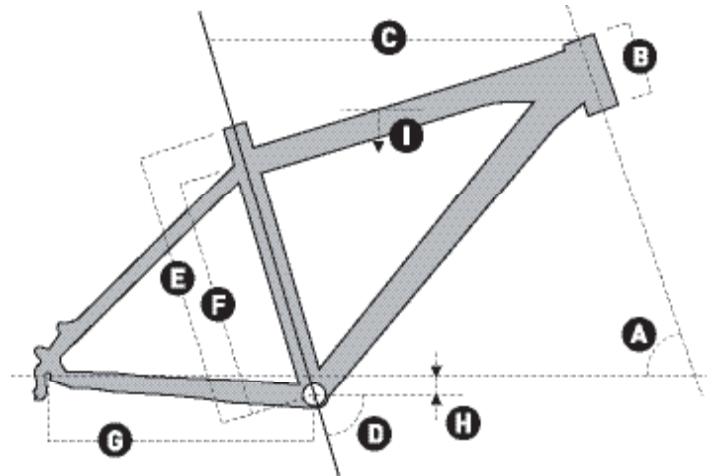
New in 2012 we have several 29" models of ASPECT: ASPECT 29 SPORT, TOUR and TRAIL.

Those bikes are offering a perfect blend of the easy handling of ASPECT bikes on the trails with the advantages of the 29" wheel size.

In addition SCOTT offers an E-ASPECT 29. For details on this model please refer to chapter 23 for SCOTT E-Bikes.

ASPECT/ASPECT 29

GEOMETRY / TECHNICAL DATA ASPECT



Size	A head angle °	B head tube mm inches	C top tube horizontal mm inches	D seat angle °	E BB center to top of seat tube mm inches	F BB center to top tube center mm inches	G chainstay mm inches	H BB offset mm inches	I standover height mm inches	wheel base mm inches	Stem length mm
XS	69.5	105 4.1	545 21.5	74.5	350 13.8	296 11.7	427 16.8	-32 -1.3	739 29.1	1055.4 41.5	60
S	70.0	115 4.5	555 21.9	74.0	390 15.4	336 13.2	427 16.8	-32 -1.3	758 29.8	1055.4 41.6	75
M	70.5	130 5.1	570 22.4	73.5	440 17.3	386 15.2	427 16.8	-32 -1.3	778 30.6	1060.6 41.8	90
L	70.5	145 5.7	585 23.0	73.5	500 19.7	446 17.6	427 16.8	-32 -1.3	799 31.5	1076.4 42.4	100
XL	71.0	160 6.3	600 23.6	73.0	570 22.4	516 20.3	427 16.8	-32 -1.3	817 32.2	1080.7 42.5	110
XXL	71.0	175 6.9	620 24.4	73.0	600 23.6	546 21.5	427 16.8	-32 -1.3	847 33.3	1101.2 43.4	120

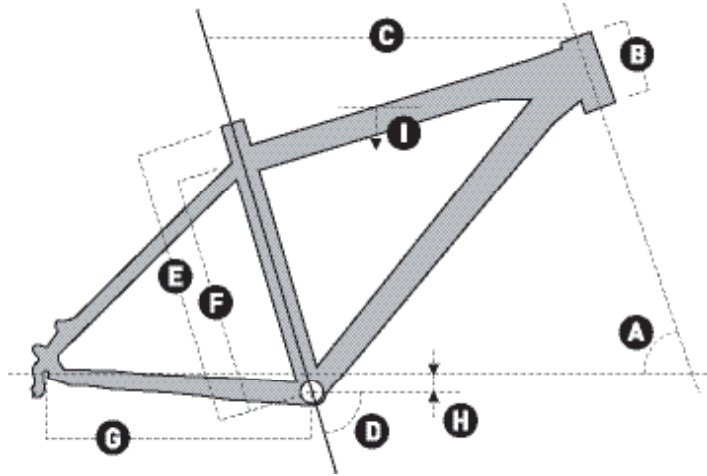
TECHNICAL DATA ASPECT

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Aspect 10	FD-M590 / 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	60MM(XS);75MM(S);90 MM(M);100MM(L);110MM (XL-XXL)	640	31.6 / 350
Aspect 20	FD-M430/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	60 (XS); 75 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350
Aspect 30 Disc	FD-M360/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350
Aspect 30	FD-M360/34.9	170 (XS/S); 175 (M/L/XL/XXL)	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL); 120 (XXL)	640	31.6/350
Aspect 40	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL)	640	31.6/350
Aspect 50	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	70 (XS); 80 (S); 90 (M); 100 (L); 110 (XL)	640	31.6/350
Aspect 60	FD-TY10/34.9	170	Ritchey Logic Zero OE (50x44)	90 (XS/S/M); 105 (L/XL)	640	31.6/350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Aspect 10	263.5/262.5	264/263	NONE	NONE
Aspect 20	260/262	260/262	NONE	NONE
Aspect 30 Disc	259/261	259/261	NONE	NONE
Aspect 30	265	262/264	NONE	NONE
Aspect 40	263/264	263/264	NONE	NONE
Aspect 50	265	263/264	NONE	NONE
Aspect 60	265	263/264	NONE	NONE

ASPECT/ASPECT 29

GEOMETRY / TECHNICAL DATA ASPECT 29



Size	A head angle °	B head tube		C top tube horizontal		D seat angle °	E BB center to top of seat tube		F BB center to top tube center		G chainstay		H BB offset		I standover height		wheel base		Stem length mm
		mm	inches	mm	inches		mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
S	69.5	105	4.1	575	22.6	72.5	395	15.6	340	13.4	450	17.7	-60	-2.4	786	30.9	1084	42.7	75
M	69.5	115	4.5	585	23.0	72.5	440	17.3	385	15.2	450	17.7	-60	-2.4	817	32.2	1094	43.1	90
L	69.5	125	4.9	605	23.8	72.5	480	18.9	425	16.7	450	17.7	-60	-2.4	842	33.1	1115	43.9	90
XL	69.5	140	5.5	625	24.6	72.5	530	20.9	475	18.7	450	17.7	-60	-2.4	875	34.4	1136	44.7	100

TECHNICAL DATA ASPECT 29

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Aspect 29 Sport	FD-M430 / 34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	75 (S), 90 (M,L), 100 (XL)	640	31.6 / 350
Aspect 29 Tour	FD-M190/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M,L), 100 (XL)	640	31.6/350
Aspect 29 Trail	FD-M190/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	75 (S), 90 (M), 100 (L), 110 (XL)	640	31.6/350
E-Aspect 29	NIL	175	Ritchey Logic Zero PF, 28.6-44-30, H=10.4	75	640	31.6/350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Aspect 29 Sport	292/293	293/292	NONE	NONE
Aspect 29 Tour	292/293	293/292	NONE	NONE
Aspect 29 Trail	296	295/294	wwwNONE	NONE
E-Aspect 29	TBD	TBD	NONE	NONE

ASPECT/ASPECT 29

SPECIAL PARTS ASPECT

Item	Description
206375	Dropout+Screw all MTB since'97 5-PAK
223087	Fork Suntour XCM 29 H-LO 100mm black
223082	Fork Suntour XCM H-LO 100mm
223086	Fork Suntour XCR 29 H-LO 100mm black
223081	Fork Suntour XCR H-LO 100mm
223142	Frame Aspect 10 2012
223144	Frame Aspect 29 2012
223145	Frame Aspect 50 2012 - V Brake
200718	Headset Ritchey sem.int.11/8
219526	Pedal Wellgo C128 one size
214681	Rim Alex XC 44 disc 32H 26" black
223262	Rim Araya DS 700 disc 29 32H black
223260	Rim Araya TX 633 disc 26 32H black
223263	Rim Araya TX 733 CNC 29 32H black
219548	Saddle Aspect
210713	Seatclamp / QR black 34.9

11 VOLTAGE

VOLTAGE

On Voltage MY 2012 frames stay same as in MY 2011

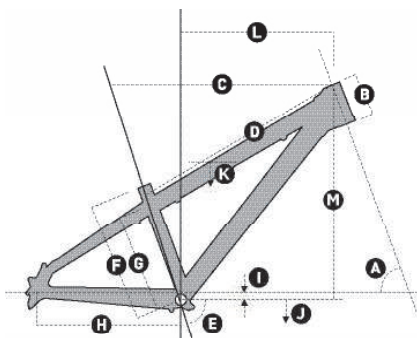
4 different frames (A, B, C and D frame) are in production for MY 2012 Voltage

B and D share the same geometry, so overall there are 3 different geometries as shown in chart below:



VOLTAGE YZ TMO:

GEOMETRY / TECHNICAL DATA VOLTAGE



VOLTAGE

VOLTAGE YZ TMO FRAME A

Size	A	B		C		D		E	F		G		H		I		J	
	head angle °	head tube mm inches		top tube horizontal mm inches		top tube actual mm inches		seat angle °	BB center to top of seattube mm inches		BB center to toptube center mm inches		chainstay mm inches		BB offset mm inches		BB height mm inches	
one size	68.5	110 4.3		595 23.4		567 22.3		71.0	316 12.4		266 10.5		385mm with IDS washer +5mm or -6mm		-15 -0.6		325 12.8	

Size	K		wheel base		L		M		Stem length
	standover height mm inches		mm inches		Reach mm inches		Stack mm inches		
one size	702 27.6		1050 41.3		400 15.7		567 22.3		40

VOLTAGE YZ 0.1 FRAME B

Size	A	B		C		D		E	F		G		H		I		J	
	head angle °	head tube mm inches		top tube horizontal mm inches		top tube actual mm inches		seat angle °	BB center to top of seattube mm inches		BB center to toptube center mm inches		chainstay mm inches		BB offset mm inches		BB height mm inches	
one size	68.5	110 4.3		575 22.6		568 22.4		74.0	330 13.0		280 11.0		405 15.9		-15 -0.6		325 12.8	

Size	K		wheel base		L		M		Stem length
	standover height mm inches		mm inches		Reach mm inches		Stack mm inches		
one size	707 27.8		1078 42.4		414 16.3		562 22.1		40

VOLTAGE YZ FRAME C

Size	A	B		C		D		E	F		G		H		I		J	
	head angle °	head tube mm inches		top tube horizontal mm inches		top tube actual mm inches		seat angle °	BB center to top of seattube mm inches		BB center to toptube center mm inches		chainstay mm inches		BB offset mm inches		BB height mm inches	
XS	68.5	100 3.9		540 21.3		538 21.2		74.0	330 13.0		280 11.0		420 16.5		-32 -1.3		303 11.9	
S	69.0	110 4.3		550 21.7		538 21.2		73.5	370 14.6		320 12.6		420 16.5		-32 -1.3		303 11.9	
M	69.0	120 4.7		560 22.0		541 21.3		73.0	410 16.1		360 14.2		420 16.5		-32 -1.3		303 11.9	
L	69.5	135 5.3		570 22.4		548 21.6		73.0	460 18.1		410 16.1		420 16.5		-32 -1.3		303 11.9	
XL	69.5	150 5.9		585 23.0		562 22.1		73.0	510 20.1		550 21.7		420 16.5		-32 -1.3		303 11.9	

Size	K		wheel base		Stem length
	standover height mm inches		mm inches		
XS	684 26.9		1050 41.3		40
S	715 28.1		1050 41.4		40
M	746 29.4		1055 41.5		40
L	786 30.9		1061 41.8		60
XL	823 32.4		1077 42.4		60

VOLTAGE YZ FRAME D

Size	A	B		C		D		E	F		G		H		I		J	
	head angle °	head tube mm inches		top tube horizontal mm inches		top tube actual mm inches		seat angle °	BB center to top of seattube mm inches		BB center to toptube center mm inches		chainstay mm inches		BB offset mm inches		BB height mm inches	
one size	69.0	110 4.3		585 23		574 22.6		74.0	330 13		280 11		405 15.9		-25 -1		315 12.4	

Size	K		wheel base		Stem length
	standover height mm inches		mm inches		
one size	707 27.8		1073 42.2		40

VOLTAGE

TECHNICAL DATA VOLTAGE

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Voltage YZ Timo	NONE	175	TH-872 1-1/8" H25.9	40	680	31.6 / 250
Voltage YZ 0.1	NONE	175	LB PLUS-07 28.6-30-34 H=25.3	40	680	31.6 / 250
Voltage YZ 0.2	NONE	170	1-1/8"	40	680	31.6 / 250
Voltage YZ 10	FD-M390/31.8	170 (XS/S), 175 (M/L/XL)	Ritchey LB-Plus (41x34)	60 (XS/S/M); 80 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)
Voltage YZ 20	FD-M190/31.8	170	Ritchey LB-Plus (41x34)	60 (XS/S/M); 80 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)
Voltage YZ 30	FD-M190/31.8	170	Ritchey LB-Plus (41x34)	60 (XS/S/M); 90 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)
Voltage YZ 40	FD-TX50/31.8	170	Ritchey LB-Plus (41x34)	60 (XS/S/M); 90 (L/XL)	640	26.8/300(XS/S), 350 (M/L/XL)

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Voltage YZ Timo	x	x	NONE	NONE
Voltage YZ 0.1	x	x	NONE	NONE
Voltage YZ 0.2	259/261	260/262	NONE	NONE
Voltage YZ 10	259/261	260/262	NONE	NONE
Voltage YZ 20	262/264	264/262	NONE	NONE
Voltage YZ 30	259/261	260/262	NONE	NONE
Voltage YZ 40	265	264/262	NONE	NONE

SPECIAL PARTS VOLTAGE

Item	Description
225317	BB shell Euro extern.73mm Voltage
225316	Crankset Volt TMO'12 CrMo 28T 3pc.BK
215998	Dropout IDS Single Speed
206375	Dropout+Screw all MTB since'97 5-PAK
223083	Fork Suntour XCM V3 100mm
223084	Fork Suntour XCT V4 100mm white
223136	Fork Voltage JR 24 Tmo 2012 1size
223137	Fork Voltage YZ 0.2 2012 1size
216309	Hub rep set Formula DC 42N
216308	Hub rep set Formula DC 52N
219525	Pedal Wellgo B107.P clear white one size
216318	Rim Alex FR 30 disc 32H
223261	Rim Araya TX 633 CNC 26 32H black
223260	Rim Araya TX 633 disc 26 32H black
223402	Saddle Scott Voltage
223282	Saddle Voltage Pivotal Atmosfair direct multi color
1518363000000	Seatclamp / QR black 31.8
210713	Seatclamp / QR black 34.9
212741	Seatpost Voltage Pivotal zero offset
216343	Stem Voltage 2010 10°



12 VOLTAGE FR

VOLTAGE FR

Voltage FR remains unchanged in 2012



Voltage FR

For After Sales Service Scott recommends following parts:

216341	Tool set swingarm Voltage FR
216348	Swingarm repair kit Voltage FR

The tool set contains, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.

The Swingarm Rep Set will contain beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Voltage FR bike.

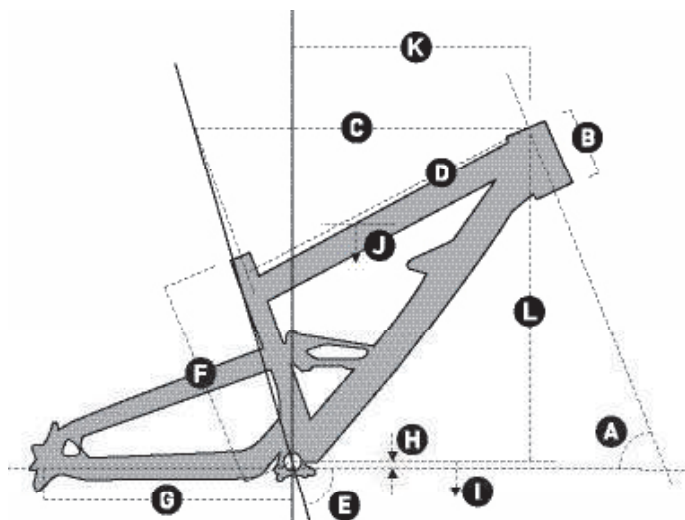
The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

One frame needs following bearings:

- 2 x 61901 (24x12xT6)
- 6 x 61902 (28x15xT7)

VOLTAGE FR

GEOMETRY / TECHNICAL DATA VOLTAGE FR



Size	A	B		C		D		E	F		G		H		I	
	head angle °	mm	inches	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches
Short	65.0	118	4.6	557	21.9	533	21.0	73.3	365	14.4	425	16.7	3	0.1	348	13.7
Long	65.0	118	4.6	582	22.9	555	21.9	73.3	365	14.4	425	16.7	3	0.1	348	13.7

Size	J		wheel base		K		L		Stem length
	mm	inches	mm	inches	mm	inches	mm	inches	
Short	777	30.6	1134	44.6	394	15.5	567	22.3	50
Long	777	30.6	1159	45.6	419	16.5	567	22.3	50

measured with 180mm fork (Fork length 565mm)

Travel	Frame only: 135/150, FR 10/20: 160/180, FR 30: 150/170
Suspension Ratio	241/76mm shock: 2.1/2.3, 222/70mm: 2.2/2.4, 215/63.5:2.1/2.3
Piston stroke	76/70/63.5mm
Shock length (Eye to Eye)	241/222/215mm, please make sure to use matching shock mount!
Hardware Mainframe	22,2mm x 8mm,
Hardware Swingarm	22.2mm x 8mm,
Seatpost diameter	31.6mm
Headtube diameter	1.5"
Fork travel	160-200mm
Fork length	525-565mm
BB housing	73mm
Chainguide system	ISCG/ISCG05 tab
Rear Hub Width	135mm
Bearings	2 x 61901 (24x12xT6) 6 x 61902 (28x15xT7)
Max tire width	64mm
Chainring size	Single speed, 34 to max. 38T

VOLTAGE FR

TECHNICAL DATA VOLTAGE FR

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Voltage FR 10	NONE	165	GRAVITY 2(I/I) 28.7-49.65-39.8 H9.8	40	750	31.6 / 350(S); 400(L)
Voltage FR 20	NONE	165	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	60	750	31.6 / 350(S); 400(L)
Voltage FR 30	NONE	165	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	40	710	31.6 / 350(S); 400(L)

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Voltage FR 10	TBD	TBD	241.4	M8 X22.2
Voltage FR 20	TBD	TBD	242	M8 X22.2
Voltage FR 30	TBD	TBD	222	M8 X22.2

Item	Description
202781	12mm Axle 135mm swing.width
216311	Chainguide E-13 LG 1 ISCG05 w/Taco
216313	Chainguide E-13 LS 1 ISCG05
210004	Dropout IDS 12mm Long +10mm No axle
215999	Dropout IDS 12mm Short -10mm No axle
200521	Dropout IDS 12MM Standard 0mm No axle
202780	Dropout Right IDS 12MM Thr.axle
216310	Hub rep set Formula DH 91 front
216240	Linkage Bars Voltage FR MY 2010 white
216356	Rear hub repair set DHL 135
212726	Rim Alex FR 32 disc 32H Blck
224996	Rim Alex FR 32, 26", 32H, disc only, red
210713	Seat Clamp / QR black 34.9
216340	Seatpost Scott DJ Zero offset
216038	Shock Mount Set Voltage FR 2010
217731	Swingarm repair kit Voltage FR
217731	Swingarm repair kit Voltage FR black Nsize
217731	Swingarm repair kit Voltage FR gold Nsize
217731	Swingarm repair kit Voltage FR purple Nsize
216341	Tool set swingarm Voltage FR 2010 Nsize



13 GAMBLER WC

GAMBLER WC

Gambler MY 2012 got some changes on the frame, the geometry and on the rear shock mounting ports



Gambler WC 10

GAMBLER WC

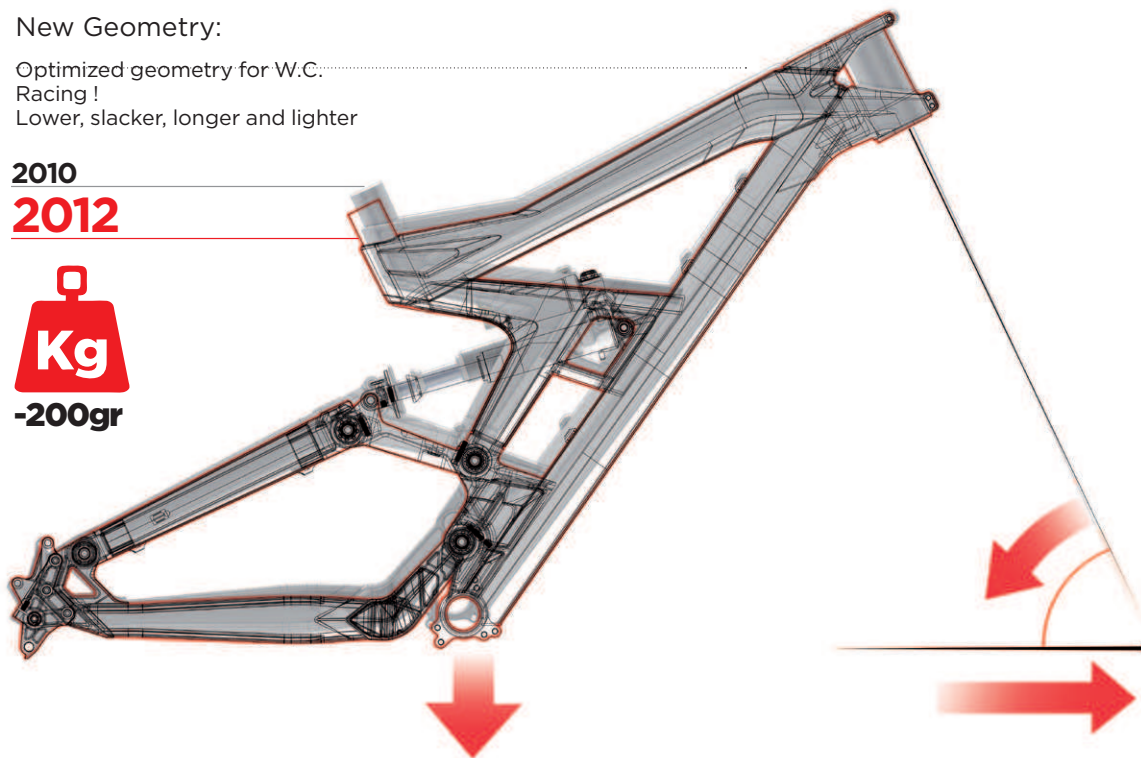
Main Changes on the 2012 Gambler:

New Geometry:

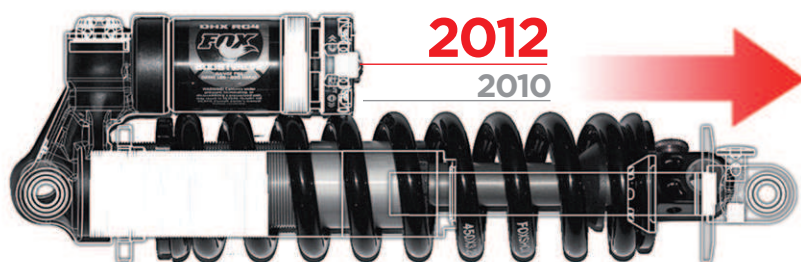
Optimized geometry for W.C.
Racing!
Lower, slacker, longer and lighter

2010

2012



- Increased shock length/stroke from 241x76mm (9.5x3.0") to 267x89mm(10.5x3.5") for lower ratio of 2.4 and better performance on compression and rebound oil flow
- World Cup linkage for 1 travel option of 210mm

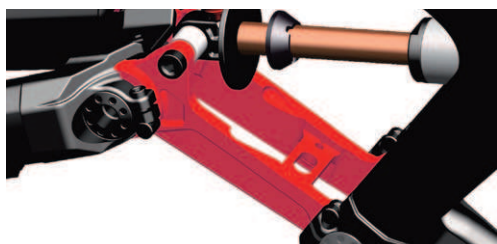


Longer 10.5" Shock:

More stroke 89mm (Old 76mm) supports a lower 2.3 ratio due to this also less stress and pressure for the shock seals.
Greater usable tuning range of damping = better quality damping at end of long runs.
FOX custom tuned OEM shocks with special shim stack to complement the WC linkage.

GAMBLER WC

- Seattube diameter changed from 34.9 to 31.6mm
- Shock now directly mounted on the frame



New W.C. Linkage:

New 210mm rear travel
Refined kinematics for W.C.
style rough race tracks



Machined Seatstay Bridge:

Increased tires clearance for muddy
races
Now also possible to ride the minus
10mm IDS dropouts (Article#210004)

GAMBLER WC

- For After Sales Service Scott recommends following parts:

210121	TOOL- Swingarm GAMBLER 1size
210126	TOOL- Swingarm GAMBLER 1size

The tool set contains, beside all tools in stainless steel quality, a CD showing all steps of the bearing disassembly and assembly as well as all needed technical data as e.g. tightening torques etc.

The Swingarm Rep Set contains beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Gambler bike.

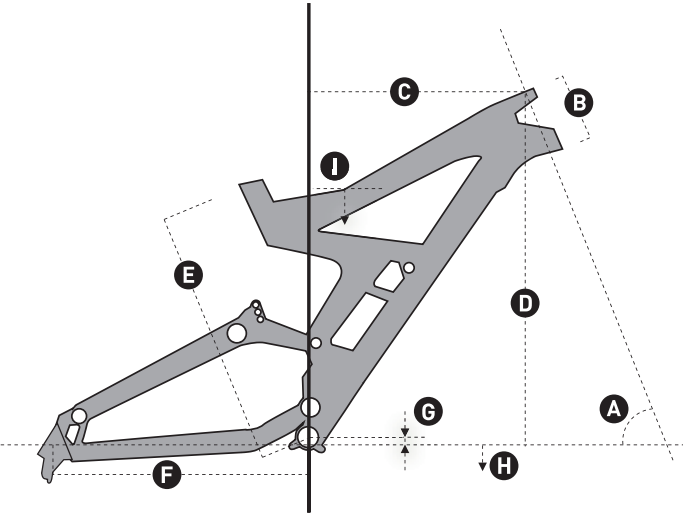
The bearings are standard size and can also be ordered in local hardware stores, in case customers do not want to replace all parts.

One frame needs following bearings:

2 x 61901 (24x12xT6)

6 x 61902 (28x15xT7)

GAMBLER WC



GAMBLER WC

	SHORT / DH SETTING		SHORT / FR SETTING		LONG / DH SETTING		LONG / FR SETTING	
A HEAD TUBE ANGLE	63.0°		64.4°		63.0°		64.4°	
B HEADTUBE LENGTH	115 mm	4.5 inches	115 mm	4.5 inches	115 mm	4.5 inches	115 mm	4.5 inches
C TOPTUBE LENGTH HORIZONTAL	550 mm	21.7 inches	555 mm	21.9 inches	585 mm	23.0 inches	590 mm	23.2 inches
E SEAT TUBE ANGLE	72.5°		71.8°		72.5°		71.8°	
H CHAINSTAY LENGTH **	435 mm	17.1 inches	435 mm	17.1 inches	435 mm	17.1 inches	435 mm	17.1 inches
I BB OFFSET	+3 mm	+0.1 inches	+7 mm	+0.3 inches	+3 mm	+0.1 inches	+7 mm	+0.3 inches
J STANDOVER HEIGHT	779 mm	30.6 inches	787 mm	31.0 inches	774 mm	30.5 inches	781 mm	30.7 inches
WHEELBASE	1149 mm	45.2 inches	1130 mm	44.5 inches	1184 mm	46.6 inches	1165 mm	45.9 inches
K REACH	364 mm	14.3 inches	360 mm	14.2 inches	399 mm	15.7 inches	395 mm	15.6 inches
L STACK	592 mm	23.3 inches	596 mm	23.5 inches	592 mm	23.3 inches	596 mm	23.5 inches
STEM LENGTH	40 mm		40 mm		40 mm		40 mm	

TECHNICAL DATA GAMBLER WC

Travel	210mm
Suspension Ratio	2.4
Piston stroke	89 mm
Shock length (Eye to Eye)	267mm
Shock Hardware Mainframe	55mm x 8mm,
Shock Hardware Linkage	40mm x 8mm,
Seatpost diameter	31.6mm
Headset	1 1/8" or 1.5", depending on headtube insert
Fork travel	180-200mm
Fork length	571mm
BB housing	83mm
Chainguide System	ISCG/ISCG 05
Bearings	2 x 61901 / 6 x 61902

GAMBLER WC

TECHNICAL DATA GAMBLER WC

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/dimension	Stem Length in mm	Bar Width in mm	Seatpost diameter in mm / length in mm
Gambler 10	NONE	165	ORBIT Z 1.5R/NO.9M/CUP/CC1.5R	50	790	31.6/350
Gambler 20	NONE	165	ORBIT E 1.5R/12.8/1-1/8"	50	750	31.6/350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Rear Shock (E2E)	Hardware Rear Shock in mm
Gambler 10	260/262	260/262	267	F/55 x M8 R/40 x M8
Gambler 20	260/262	260/262	267	F/55 x M8 R/40 x M8

SPECIAL PARTS GAMBLER / GAMBLER WC

Item	Description
202782	12mm Axle 150mm swing.width
216311	Chainguide E-13 LG 1 ISCG05 w/Taco
216313	Chainguide E-13 LS 1 ISCG05
223163	Chainstays Gambler WC 10 2012 1size
223166	Chainstays Gambler WC 20 2012 1size
210004	Dropout IDS 12mm Long +10mm No axle
200521	Dropout IDS 12mm Standard 0mm no Axle
223164	Front Triangle Gambler WC 20 2012 long
223164	Front Triangle Gambler WC 20 2012 short
210127	Headtube insert Gambler 1 1/8
210128	Headtube insert Gambler 1.5
217236	Hub rep set Formula DHL-150 rear
210054	Linkage bar Gambler 08
212726	Rim Alex FR 32 disc 32H Bk
210117	Seatclamp Gambler
210119	Seatpost Gambler Zero Offset
223162	Seatstays Gambler WC 10 2012 1size
223165	Seatstays Gambler WC 20 2012 1size
223308	Shockmount Set Gambler WC f/10.5 shock Nsize

14 CONTESSA CONTESSA GENIUS CONTESSA SPARK

CONTESSA

CONTESSA GENIUS

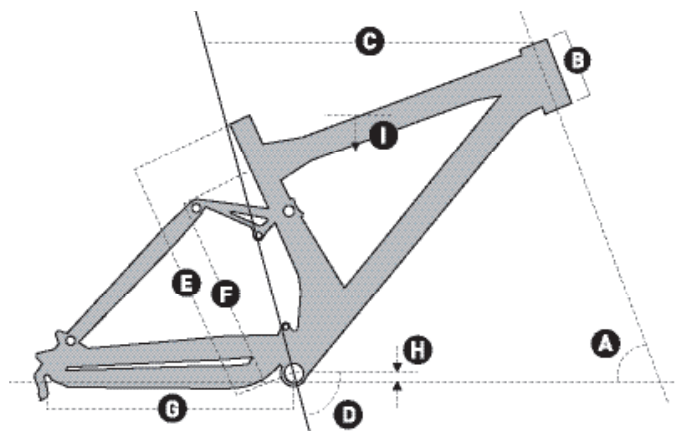


Contessa Genius MY 2011 remains on geometry/technical data same as MY 2012

For more details on the frame please refer to chapter Genius.

CONTESSA

GEOMETRY/TECHNICAL DATA CONTESSA GENIUS



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	top tube horizontal mm	inches	seat angle °	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
S	68.3	100	3.9	555	21.9	73.5	440	17.3	337	13.3	428	16.9	10	0.4	771	30.4	1088	42.8	80
M	68.5	115	4.5	585	23.0	73.5	450	17.7	358	14.1	428	16.9	10	0.4	786	30.9	1117	44.0	80
L	68.7	135	5.3	610	24.0	73.5	475	18.7	384	15.1	428	16.9	10	0.4	807	31.8	1141	44.9	90

Travel	150/95/0mm
Suspension Ratio	3
Piston stroke	50 mm
Shock length (Eye to Eye)	165mm
Hardware Mainframe	14mm x 6mm,
Hardware Swingarm	14mm x 6mm,
Seatpost diameter	34,9mm
Headset	1 1/8" semi integr. with 44.0mm cups
Fork travel	140-150mm
Fork length	518-525mm
BB housing	73mm
Front derailleur	E-type, direct mount, down pull
Bearings	61900-2RS (Ø22xØ10x6) / 61800-2RS (Ø19xØ10x5)



CONTESSA

TECHNICAL DATA CONTESSA GENIUS

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec / dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Contessa Genius	X7 LDM	170(S); 175(M-L)	PRO LOGIC ZERO PF-012 28.6-44-30 H=12.9	70(S-M);90(L)	660	34.9 / 350(S); 400(M-L)

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (EZE)	Hardware Shock
Contessa Genius	XR-35 26X32H WHEEL SET	XR-35 26X32H WHEEL SET	165	M6X 14

SPECIAL PARTS CONTESSA GENIUS

Item	Description
212750	Cable Fixing Set Genius ,09
213014	CS Neopren Tpu Scott Genius
219687	CSP New Genius Alloy Pre Shape
206473	Dropout Spark/Genius 09' 2-PAK
212752	Equalizer 2 Shock
216268	Linkage Bar Set Genius 2010 white
1518364010000	Seatclamp 38.4mm w/Quick Release JD-MC
200511	Shock Pump Scott Pro 600
212749	Swingarm-Rep. Set Genius 09
212744	Tool- Swingarm Genius 09
216350	Twinloc Lever for Equalizer 2

CONTESSA

CONTESSA SPARK



The new Contessa Spark is the result of 2 years of research and development for one of the lightest mountain bike frame set available on the market, hitting the scale at below 1830 grams including the frame, Scott Nude 2 shock and the unique TWINLOC remote control.

The combination of an optimized kinematics with an extraordinary suspension technology closes the gap between superlight hardtail bikes (e.g. Scott Scale) and the new generation of marathon bikes (e.g. Scott Genius).

Spark was designed for riders looking for a dual suspended race and marathon bike offering a maximum rear wheel travel of 120mm (26")/100mm (29").

Scott does not see frame and rear shock as single components which are assembled together on a bike, but as a concept with all these components working together and offering an outrageous function by matching perfectly.

The Spark Concept is based on a multi-pivot technology.

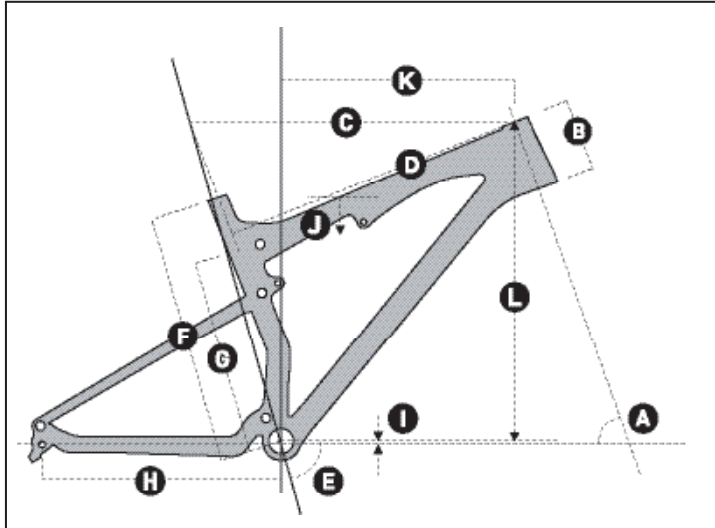
The damping performance was improved in comparison to the already famous "old" Spark, and with reworking also the kinematics we were able to reach a better progression in the end of the stroke/travel of the swingarm.

The Scott system, named TC (Traction Control) will allow you to reduce by remote control the rear wheel travel from 120 (26")mm to 85 (26")mm including a more progressive spring rate but still offering a supple break away.

No power will be lost and an optimum power transfer is guaranteed as the swingarm, in contrary to locked or automatic-locking systems, can follow the trail surface and will offer perfect traction and higher speed while standing on the pedals.

CONTESSA

GEOMETRY/TECHNICAL DATA CONTESSA SPARK



CONTESSA SPARK ALLOY

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in
C TOPTUBE LENGTH HORIZONTAL	553 mm 21.8 in	555 mm 21.9 in	589 mm 23.2 in	590 mm 23.2 in	618 mm 24.3 in	620 mm 24.4 in
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 in	509 mm 20.0 in	540 mm 21.3 in	540 mm 21.3 in	570 mm 22.4 in	570 mm 22.4 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in
WHEELBASE	1072 mm 42.2 in	1073 mm 42.2 in	1108 mm 43.6 in	1109 mm 43.7 in	1140 mm 44.9 in	1141 mm 44.9 in
K REACH	397 mm 15.6 in	391 mm 15.4 in	429 mm 16.9 in	423 mm 16.7 in	453 mm 17.8 in	448 mm 17.6 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm

Travel	120/0mm
Suspension Ratio	2.4
Piston stroke	50mm
Shock length (Eye to Eye)	190mm
Hardware Mainframe	22,2mm x 6mm
Hardware Swingarm	22.2mm x 6mm
Seatpost diameter	31.6mm
Headset	semi integr. for tapered 1 1/8-1.5 (44.0/54.9mm inner diameter of frame) or with 1 1/8 straight (44.0mm)
Fork travel	120mm
Fork length	490mm
BB housing	BB PF 92 carbon / 73mm alloy
Front derailleur	Shimano E-Type / SRAM S3 direct mount
Bearings	2 x IGUS, 6 x 6802 (24x15x5)



CONTESSA

TECHNICAL DATA CONTESSA SPARK

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec / dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Contessa Spark	FD-M660-E E-Type	170(S); 175(M-L)	LOGIC OE -07 28.6-44-30 H=9.4	70(S-M);90(L)	640	31.6 / 350(S); 400(M-L)

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Contessa Spark	TBD	TBD	190	M6X 22.2

CONTESSA

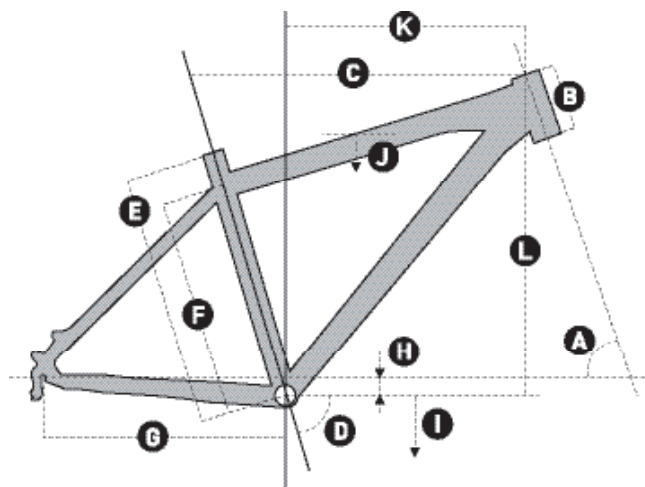
CONTESSA SPORT



Contessa Sport MY 2012 remains on geometry/technical data same as MY 201.

CONTESSA

GEOMETRY/TECHNICAL DATA CONTESSA SPORT



XS	69.0	100	3.9	540	21.3	74.0	330	13	280	11.0	430	16.9	-32	-1.3	699	27.5	1049	41.3	60
S	69.5	110	4.3	545	21.5	73.5	370	14.6	320	12.6	430	16.9	-32	-1.3	718	28.3	1045	41.1	75
M	70.0	120	4.7	555	21.9	73.0	410	16.1	360	14.2	430	16.9	-32	-1.3	738	29.1	1045	41.1	75
L	70.0	135	5.3	565	22.2	73.0	460	18.1	410	16.1	430	16.9	-32	-1.3	758	29.8	1056	41.6	90
XL	70.5	150	5.9	575	22.6	73.0	510	20.1	460	18.1	430	16.9	-32	-1.3	778	30.6	1061	41.8	90

Headset	1 1/8" semi-integrated ahd, 44.0mm cups
BB housing	68mm
Seatpost diameter	31.6mm

Please note that only Contessa 10, 20 and 30 are available in XL frame size.

SPECIAL PARTS CONTESSA SPORT

Item	Description
223305	BB Cableguide Spark 2012 carbon Nsize
212750	Cable Fixing Set Genius '09
223250	Chainstays Contessa Spark 2012 1size
213014	CS Neopren Tpu Scott Genius
219687	CSP New Genius Alloy Pre Shape
223374	CSP New Pre Shape Spark 2012
219575	Dropout Hanger right side IDS 2 135/RWS5 1size
219572	Dropout Set IDS 2 135/RWS 5 1size
206473	Dropout Spark/Genius 09' 2-PAK
206375	Dropout+Screw all MTB since '97 5-PAK
212752	Equalizer 2 Shock
223304	FD-Mount Plate Set Spark 2012 Nsize

CONTESSA

SPECIAL PARTS CONTESSA SPORT

Item	Description
223082	Fork Suntour XCM H-LO 100mm white
223083	Fork Suntour XCM V3 100mm white
223081	Fork Suntour XCR H-LO 100mm white
223146	Frame Contessa 10 2012
223248	Front Triangle Contessa Spark 2012 L
223248	Front Triangle Contessa Spark 2012 M
223248	Front Triangle Contessa Spark 2012 S
223306	Geometry Chip Spark DT shox 2012 Nsize
200718	Headset Ritchey sem.int.11/8
223302	Igus Bushing Set Spark 2012 CST/SST w/ca 1siz
223303	Ind. Bearing Set Spark 2012 CST/SST w/ax 1siz
216268	Linkage Bar Set Genius 2010 white
223238	Linkage Bars Spark 26 black L
223238	Linkage Bars Spark 26 black M
223238	Linkage Bars Spark 26 black S
223238	Linkage Bars Spark 26 black XL
219526	Pedal Wellgo C128 one size
219526	Pedal Wellgo C128 one size
223294	Rear Shock DT Swiss M210 w/o lev.190 E2E Nsiz
214681	Rim Alex XC 44 disc 32H Bk 26"
223259	Rim Araya DS 600 disc 26 32H black
223261	Rim Araya TX 633 CNC 26 32H black
223260	Rim Araya TX 633 disc 26 32H black
223284	Saddle Contessa MTB black
223284	Saddle Contessa MTB white
210713	Seatclamp / QR black 34.9
223311	Seatclamp 37.8mm w/QR CrMo bolt 1size
223249	Seatstays Contessa Spark 2012 L
223249	Seatstays Contessa Spark 2012 M
223249	Seatstays Contessa Spark 2012 S
200511	Shock Pump Scott Pro 600
223301	Swingarm Repair Kit Spark 2012 Nsize
212749	Swingarm-Rep. Set Genius 09
223289	Tool set swingarm Spark 2012 1size
212744	Tool- Swingarm Genius 09
216352	Twinloc Lever for DT M 210 Nsize
216350	Twinloc Lever for Equalizer 2



15 ADDICT WARRANTY INFO

ADDICT WARRANTY INFO

As we discontinue the production of Addict in MY 12 we do not have Addict frames anymore in the regular order forms or dealer books.

To ensure a good service we still can offer Addict replacement frames for warranty with following article numbers:

Item	Description
220365	Frame set Addict RC 11 ISP/IBB Warranty
218782	Frame set Addict RC 11 (HMX)ISP/SBB Warranty
225314	Frame set Addict RC'11 Warranty ssp/ibb
225315	Frame set Addict RC'11 Warranty ssp/sbb

Please kindly note that we will not change Addict frames to Foil frames in case of warranty due to the incompatibility of several frame parts as. E.g. fork, seatposts etc.



16 CR 1

CR1

In MY 2012 the CR1 will stay from frame features same as in MY 2011.



CR1 SL

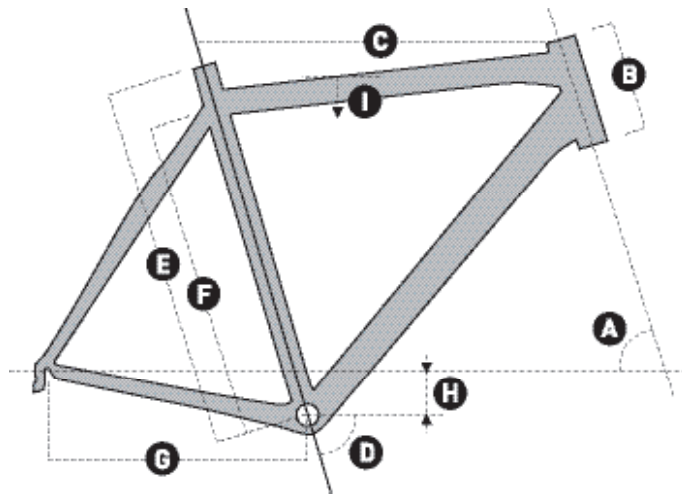
The main targets in creating the CR1 were lightweight and comfort/shock absorption

The CR1 SL frame made from HMX NET fibre has a weight of 860 grams/1.89 lbs and the fork 330 grams/0.73 lbs.
Frames made from HMF NET are at 980 grams/2.16lbs and the fork at 490 grams/1.08 lbs.

In comparison to CR1 of MY 04-09 the new CR1 has a 10mm longer headtube for a more upright seatposition.

CR1

GEOMETRY / TECHNICAL DATA CR1



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	111	4.4	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	723	28.5	975	38.4	90
XS / 49	71.0	116	4.6	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	737	29.0	978	38.5	100
S / 52	73.0	136	5.4	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	765	30.1	980	38.6	110
M / 54	73.0	156	6.1	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	784	30.9	981	38.6	110
L / 56	73.0	176	6.9	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	803	31.6	992	39.0	110
XL / 58	73.0	196	7.7	575	22.6	73.3	580	22.8	520	20.5	405	15.9	-67	-2.6	823	32.4	1001	39.4	120
XXL / 61	73.0	216	8.5	595	23.4	73.3	610	24.0	550	21.7	405	15.9	-67	-2.6	847	33.3	1021	40.2	130

Headset	1 1/8" semi integr. 44.0mm cups
BB housing	68mm or PF 86
Seatpost diameter	31.6mm
Front derailleur	Braze on, downroute

As we have in the regular frame set program only the CR1 Pro with integrated BB we also offer for warranty support (no sales of this frame) the CR1 Pro with standard BB in order to cover warranties of CR1 bikes MY 2010 with standard BB specs.

Frames of CR1 of MY 06 - 09 to be replaced on warranty will be replaced with following articles:

219422 frame set CR1 Pro MY 2011 for all frames/bikes of CR1 Team and Pro of MY 06, 07, 08, 09

219422 frame set CR 1 Pro MY 2011 for all frames/bikes of CR1 LTD, Team Issue and SL of MY 06, 07

Please note that we will not accept other replacements on those frames.

CR1

TECHNICAL DATA CR1

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
CR1 SL 20	FD7900-F BRAZE ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO PF 28.6-44-50 H=12.9	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	400(XXS-XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 Pro 20	FD6700-G BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 PRO CD 20	FD6700-G BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 PRO 30	FD6703-G BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 Elite CD 20	09 RIVAL ROAD FD, BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 Team 20	FD5700-S BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 TEAM CD 20	FD5700-S BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 TEAM 30	FD5703-S BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(XXS);400(XS); 420(S-XL);440(XXL)	31.6 / 300
CR1 Comp	FD4600 BRAZED ON	165(XXS); 170(S); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	90 (XXS);100(XS);110(S-L); 120(XL);130(XXL)	380(47);400(49); 420(52-58);440(61)	31.6 / 300

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (EZE)	Hardware Shock
CR1 SL 20	KSYRIUM SL 10 700C F/V BLK HUB F/R WHEELSET	KSYRIUM SL 10 700C F/V BLK HUB F/R WHEELSET	NONE	NONE
CR1 Pro 20	KSYRIUM Elite 11 WHEELSET	KSYRIUM Elite 11 WHEELSET	NONE	NONE
CR1 PRO CD 20	KSYRIUM Elite 11 WHEELSET	KSYRIUM Elite 11 WHEELSET	NONE	NONE
CR1 PRO 30	KSYRIUM Elite 11 WHEELSET	KSYRIUM Elite 11 WHEELSET	NONE	NONE
CR1 Elite CD 20	KSYRIUM Elite 11 WHEELSET	KSYRIUM Elite 11 WHEELSET	NONE	NONE
CR1 Team 20	AKSIUM 10 F/R (M10) WHEELSET	AKSIUM 10 F/R (M10) WHEELSET	NONE	NONE
CR1 TEAM CD 20	AKSIUM 10 F/R (M10) WHEELSET	AKSIUM 10 F/R (M10) WHEELSET	NONE	NONE
CR1 TEAM 30	AKSIUM 10 F/R (M10) WHEELSET	AKSIUM 10 F/R (M10) WHEELSET	NONE	NONE
CR1 Comp	TBD	TBD	NONE	NONE

SPECIAL PARTS CR1

Item	Description
208362	Antichainsuck clamp 34.9
217237	Chainstay protector CR1 alloy 2010
206472	Dropout Scott Addict / CR1 10'
223107	Fork CR 1 Comp 2012 1size
223109	Fork CR 1 Elite 2012 1size
223110	Fork CR 1 Pro 2012 1size
223111	Fork CR 1 SL 2012 1size
223108	Fork CR 1 Team 2012 1size
223265	Rim Alex Race 28 20H Black
216321	Rim Alex Race 28 20H White
223266	Rim Alex Race 28 24H Black
216322	Rim Alex Race 28 24H White
1518364040000	Seatclamp 34.4mm w/bolt f/Cr1&scandium
1518603350910	Shifting adjuster road bike 10-Pak
208364	Shimano int.BB ISMFC7800P

CR1

As we have in the regular frame set program only the CR1 Pro with Std BB we also offer for warranty support (no sales of this frame, as for this way we have CR1 SL in our regular sales program)

Item	Description
223160-019	Frameset CR 1 Pro 2012sp/sbb 2012 XXS47
223160-020	Frameset CR 1 Pro 2012sp/sbb 2012 XS49
223160-021	Frameset CR 1 Pro 2012sp/sbb 2012 S52
223160-022	Frameset CR 1 Pro 2012sp/sbb 2012 M54
223160-023	Frameset CR 1 Pro 2012sp/sbb 2012 L56
223160-024	Frameset CR 1 Pro 2012sp/sbb 2012 XL58
223160-025	Frameset CR 1 Pro 2012sp/sbb 2012 XXL61

with an integrated BB in order to cover warranties of CR1 bikes MY 2010 with integrated BB specs.

Frames of CR1 of MY 07 - 09 to be replaced on warranty will be replaced with following articles:

- 219422 frame set CR1 Pro MY 2010 sbb/ ssp Warranty only for all frames/bikes of CR1 Team and Pro of MY 07, 08, 09 (as long as stock)
- 221945 frame set CR1 SL MY 2012 ibb/ ssp for all frames/bikes of CR1 SL of MY 10, 11, 12
- 221946 frame set CR1 Pro MY 2012 ibb/ssp for all frames / bikes of CR1 Pro, Elite, Team and Comp for MY 2010-2012

- **Please note that we will not accept other replacements on those frames.**

17 SPEEDSTER

SPEEDSTER

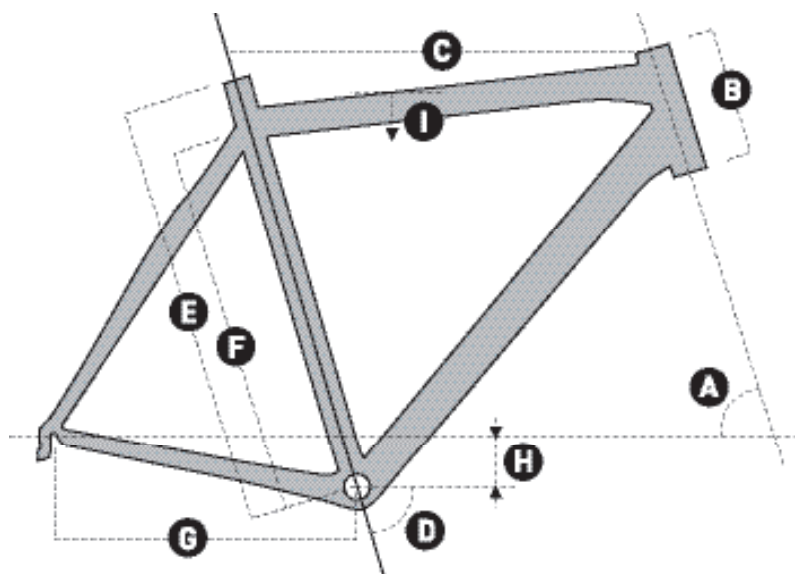


Speedster frames of MY 2012 are same as in MY 2011.

Speedster S10 and S20 share 1 frame version, S30-S50 another version.

SPEEDSTER

GEOMETRY/TECHNICAL DATA SPEEDSTER



RACING HANDLEBAR

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	713	28.1	970	38.2	90
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	733	28.9	976	38.4	100
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	753	29.6	974	38.3	110
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	778	30.6	980	38.6	110
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	791	31.1	989	39.0	110
XL / 58	73.3	190	7.5	575	22.6	73.3	580	22.8	520	20.5	405	15.9	-67	-2.6	811	31.9	999	39.3	120
XXL / 61	73.3	210	8.3	595	23.4	73.3	610	24.0	550	21.7	405	15.9	-67	-2.6	827	32.6	1019	40.1	130

FLAT HANDLEBAR

XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	420	16.5	-67	-2.6	716	28.2	985	38.8	90
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	420	16.5	-67	-2.6	736	29.0	991	39.0	100
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	420	16.5	-67	-2.6	756	29.8	989	38.9	110
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	420	16.5	-67	-2.6	781	30.7	995	39.2	110
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	420	16.5	-67	-2.6	794	31.3	1005	39.6	110
XL / 58	73.3	190	7.5	575	22.6	73.3	580	22.8	520	20.5	420	16.5	-67	-2.6	815	32.1	1014	39.9	120
XXL / 61	73.3	210	8.3	595	23.4	73.3	610	24.0	550	21.7	420	16.5	-67	-2.6	830	32.7	1034	40.7	130

Headset 1 1/8" semi integr. 44.0mm cups

BB housing 68mm

Seatpost diameter 31.6mm

Front derailleur Braze on, downroute

SPEEDSTER

TECHNICAL DATA SPEEDSTER

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Speedster S10	FD6700 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300
Speedster S20	FD5700-S / 34.9	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300
Speedster S20 FB	FD-R773	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	580	31.6 / 300
Speedster S30	FD-4500 / 34.9	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300
Speedster S40	FD-2303 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300
Speedster S50	FD-2303 BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	380(47);400(49); 420(52-58);440(61)	31.6 / 300
Speedster S50 FB	FD-R443A BRAZED ON	165(47); 170(49); 172.5(52-56); 175(58-61)	LOGIC OE -07 28.6-44-30 H=9.4	90(47);100(49);110(52-56); 120(58); 130(61)	580	31.6 / 300

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Speedster S10	276	294/295.5	NONE	NONE
Speedster S20	276	294/295.5	NONE	NONE
Speedster S20 FB	276	294/295.5	NONE	NONE
Speedster S30	276	294/295.5	NONE	NONE
Speedster S40	276	294/295.5	NONE	NONE
Speedster S50	276	294/295.5	NONE	NONE
Speedster S50 FB	276	294/295.5	NONE	NONE

SPECIAL PARTS SPEEDSTER

Item	Description
208362	Antichainsuck clamp 34.9
206376	Dropout+Screw AFD 98->02 2-PAK
223097	Fork Speedster S10 2012 1size
223098	Fork Speedster S20 2012 1size
223099	Fork Speedster S30 2012 1size
223100	Fork Speedster S40 2012 1size
223101	Fork Speedster S50 2012 1size
223265	Rim Alex Race 28 20H Black
216321	Rim Alex Race 28 20H White
223266	Rim Alex Race 28 24H Black
216322	Rim Alex Race 28 24H White

18 METRIX

METRIX

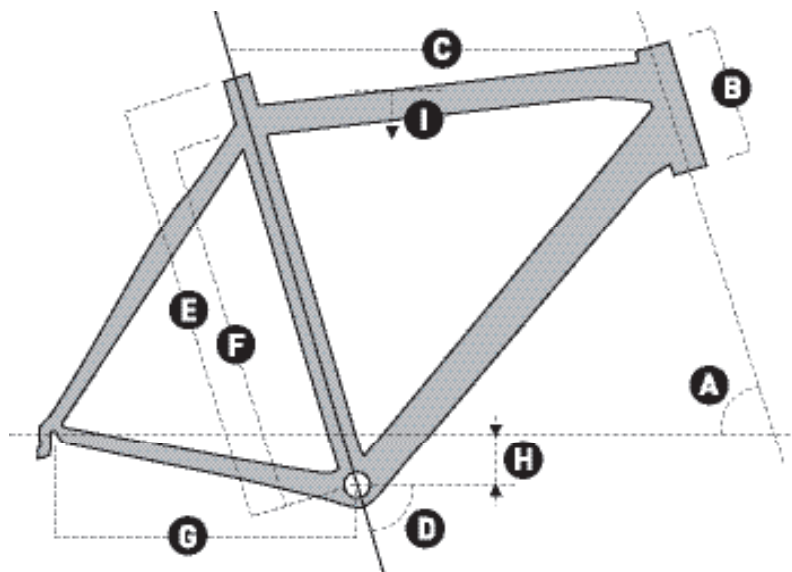


METRIX 10

New in our model line of 2012 we have Metrix.
Metrix will replace the Speedster Flatbar models of My 2011.
Some models of Metrix are disc brake models, others are with v-brakes.
All of them share a new geometry with a long headtube which allows a recreational ride.
Frames are ready to go for standard fenders in case needed.

METRIX

GEOMETRY/TECHNICAL DATA METRIX



METRIX MEN

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XS	71.0	135	5.3	545	21.5	75.0	400	15.7	343	13.5	435	17.1	-75	-3.0	786	30.9	1020	40.2	90
S	71.5	155	6.1	555	21.8	74.5	450	17.7	394	15.5	435	17.1	-75	-3.0	825	32.5	1026	40.4	90
M	72.0	180	7.1	565	22.0	74.0	480	18.9	424	16.7	435	17.1	-70	-2.8	851	33.5	1038	40.9	100
L	72.5	205	8.1	580	22.8	73.5	510	20.1	455	17.9	435	17.1	-70	-2.8	879	34.6	1053	41.5	100
XL	73.0	235	9.3	600	23.6	73.0	560	22.0	505	19.9	435	17.1	-70	-2.8	921	36.3	1061	41.8	100

METRIX SOLUTION

XS	70.5	135	5.3	530	20.9	75.0	400	15.7	306	12.0	435	17.1	-75	-3.0	760	29.9	1035	40.7	90
S	71.0	155	6.1	540	21.2	74.5	450	17.7	347	13.7	435	17.1	-75	-3.0	795	31.3	1036	40.8	90
M	71.5	180	7.1	550	21.7	74.0	480	18.9	378	14.9	435	17.1	-70	-2.8	824	32.4	1039	40.9	100
L	72.0	205	8.1	565	22.0	73.5	510	20.1	408	16.1	435	17.1	-70	-2.8	854	33.6	1044	41.1	100

Headset	1 1/8" semi integr. 44.0mm cups
BB housing	68mm
Seatpost diameter	27.2mm
Front derailleur	Braze on, top route

METRIX

TECHNICAL DATA METRIX

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec / dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Metrix 10	FC5750-S W/BB	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	90(XS-S); 100 (M-XL)	680	27.2 / 300 (XS-S) 27.2 / 350(M-XL)
Metrix 20	FCM431 (9S) (OCT)	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	90(XS-S); 100 (M-XL)	680	27.2 / 300 (XS-S) 27.2 / 350(M-XL)
Metrix 20 Solution	FCM431 (9S) (OCT)	170(XS-S); 175(M-L)	LOGIC OE -07 28.6-44-30 H=9.4	90(XS-S); 100 (M-L)	680	27.2 / 300 (XS-S) 27.2 / 350(M-L)
Metrix 30	Shimano BB ES25	170(XS-S); 175(M-XL)	LOGIC ZERO OE (50 x 44)	90(XS-S); 100 (M-XL)	600	27.2 / 300
Metrix 40	Shimano BB UN26	170(XS-S); 175(M-XL)	LOGIC ZERO OE (50 x 44)	90(XS-S); 100 (M-XL)	600	27.2 / 300
Metrix 40 Solution	Shimano BB UN26	170(XS-S); 175(M-L)	LOGIC ZERO OE (50 x 44)	90(XS-S); 100 (M-L)	600	27.2 / 300

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Metrix 10	TBD	TBD	NONE	NONE
Metrix 20	TBD	TBD	NONE	NONE
Metrix 20 Solution	TBD	TBD	NONE	NONE
Metrix 30	284	283/282	NONE	NONE
Metrix 40	284	283/282	NONE	NONE
Metrix 40 Solution	284	283/282	NONE	NONE

SPECIAL PARTS METRIX

Item	Description
206376	Dropout+Screw AFD 98->02 2-PAK 1size
206375	Dropout+Screw all MTB since'97 5-PAK
223102	Fork Metrix 10 2012 1size
223103	Fork Metrix 20 2012 1size
223104	Fork Metrix 30 2012 1size
223105	Fork Metrix 40 2012 1size
223157	Frameset Metrix 10 2012
223158	Frameset Metrix 20 2012
223268	Rim Alex Race 28 32H black
223268	Rim Alex Race 28 32H black

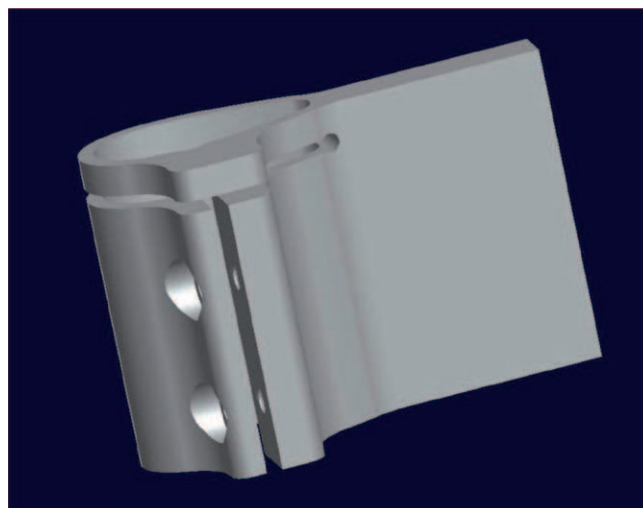
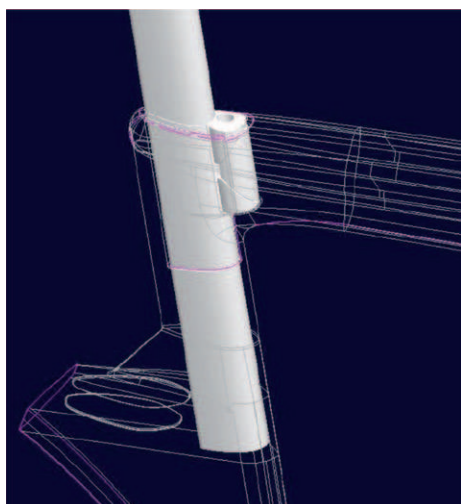
19 PLASMA 2

PLASMA 2



The frames of Plasma 2 remain get in 2012 a new seatpost that is not anymore integrated. Geometry and rest of features remains same as in 2011.

The seatpost of Plasma 2 MY 2012 needs to be cut on its downside. Please make sure that the seatpost touches the base of the seatpost pocket inside the frame to avoid a slipping seatpost.



You will find attached to each frameset and bike a seatpost cutting tool:

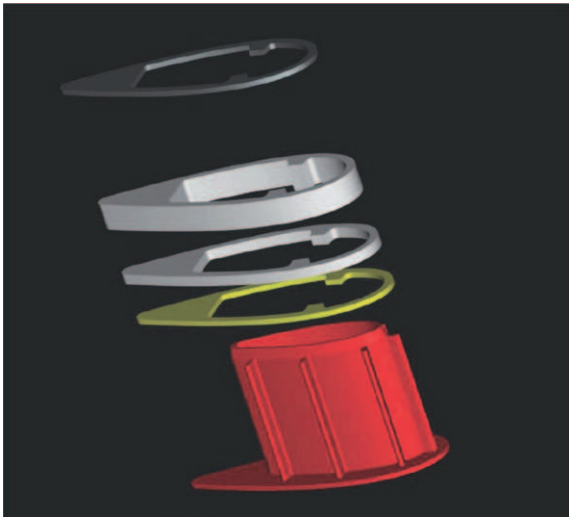
In case you need additional ones for your workshop you can order it with:

224421

Cutting Tool Seattube Plasma 2 MY 2012 one size

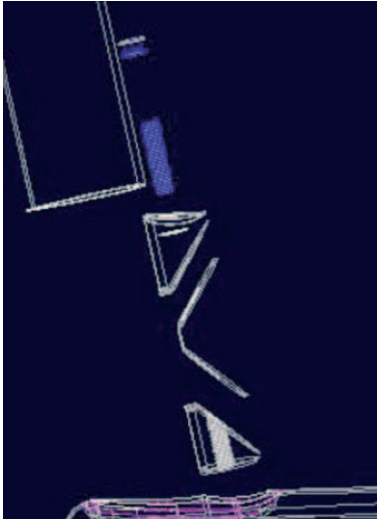
PLASMA 2

In case the seatpost was cut too short or another rider wants to adjust the seat height but keep the seatpost maximum inside the seattube pocket you can use the adapter-set as shown below to adjust the length of the seatpost individually.



224422	Seatpost Spacer Support Plasma 2 MY 2012 one size
224423	Seatpost Spacer Set 1, 2, 5mm Plasma 2 MY 2012 PAK

The seatclamp system for the seatpost in the frame is available with



224420	Seatclamp System Plasma 2 MY 2012 one size
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2 Seatposts are available for service

223287	Seatpost Plasma 2 Carbon UB matt
223287	Seatpost Plasma 2 Carbon UB gloss

PLASMA 2

To cut the seatpost according to the requested seat height of the customer please follow following steps:

The seatpost of the SCOTT Plasma 2 MY 2012 needs to be cut and adjusted to the personal seat height of the rider.

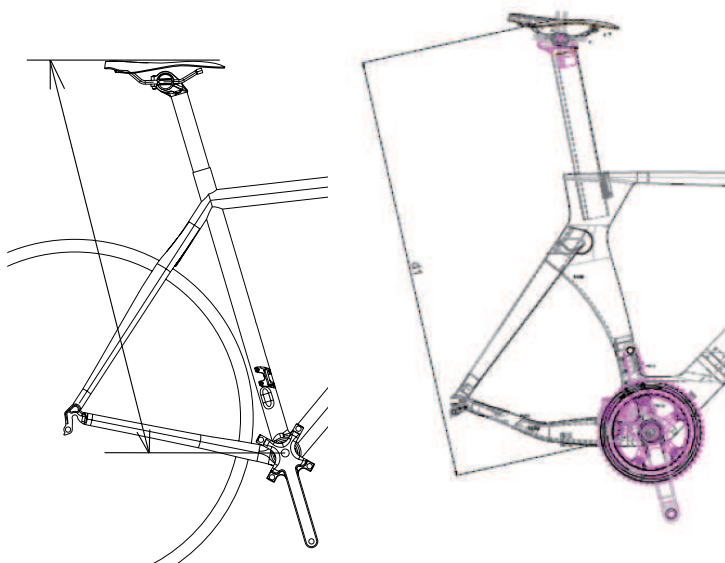
The tool to do so is added to your Plasma 2 MY 2012 and will help to cut properly without any risk of damaging your seat tube.

To do so, pls follow the instructions given below:

1. Take the exact measure of the distance (d0) from the mid of axle of your pedal to the upper side of the saddle you use already on your "old" bike which is exactly adjusted to your seat position.

Important: pls note that the change to another saddle or pedal model might influence a lot the length of the seatpost!

2. Mount your pedals and saddle on the Plasma 2 MY 2012 bike. For the cutting, position seatpost as low as possible in the frame and measure the distance (d1) from the mid of the pedal axle to the upper side of the saddle. Remove the seat clamp and measure the distance (d2) from the downside of the seatpost: $d2 = d1 - d0$
3. Indicate the length (d2) you want to cut on the seatpost with a marker pen.



4. Slide the Plasma Cutting Tool on the seatpost of Plasma 2 MY 2012 until the line of the marker is visible in the slot on the tool that will guide your saw blade. drawing
5. Fix the two 5mm bolts with a 4mm Allen key with a tightening torque of 6 Nm.
6. Take a saw with a blade for cutting metal. Please only use a 10D/24T teeth blade to make sure not to damage the carbon tube warning logo
7. Cut the tube, remove the tool and take sandpaper to smoothen the edges of the cutting area.
8. Remount the seatpost and tighten the wedge on the frame with a torque of 5 Nm.

PLASMA 2

Important

HEADSET

The headset is different from the standard semi-integrated version normally used on Scott bikes.

The part can be ordered via the Ritchey distribution network or at Scott with

212721

HEADSET Ritchey WCS f/PLASMA 2 1size

REAR BRAKE

The rear brake on Plasma2 is mounted to an adapter which will be fixed together with the rear brake on the monostay of the seatstay section.

The part can be ordered at Scott with

212755

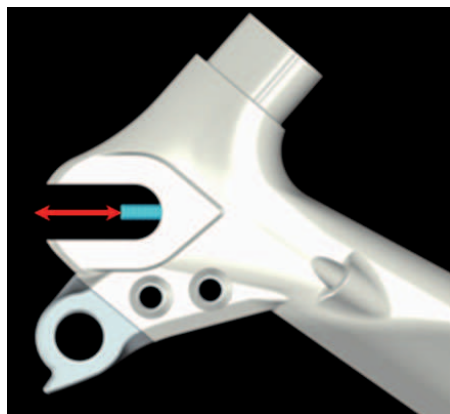
PLASMA 2 rear brake adaptor 1size



REAR WHEEL FINE TUNING SCREWS

The screws inside the backward opened dropout on Plasma2 are replaceable.

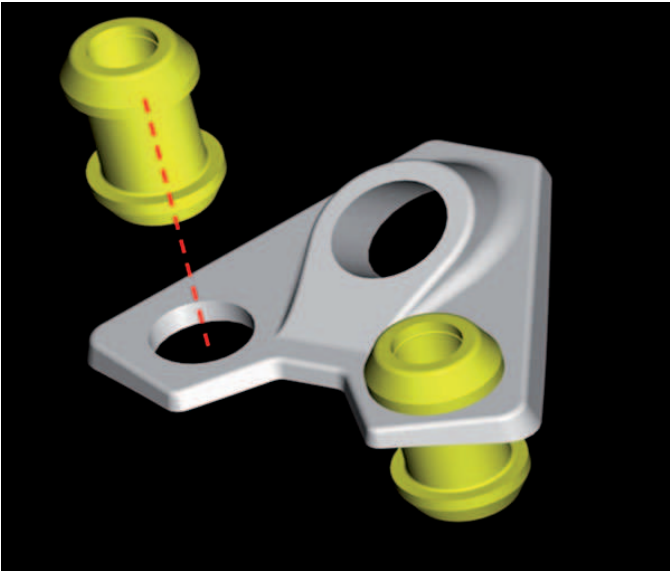
In case you need them for service please contact Patrick Bochud or Holger Klintner at Scott Sports SA



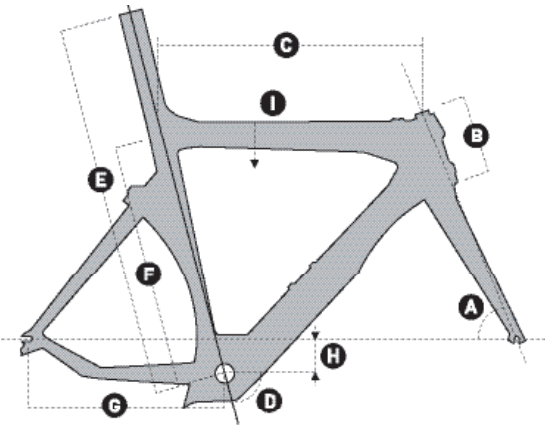
PLASMA 2

CABLE-INLETS

The cable-inlets are sealed against water and grid with some rubber seals.
In case you need them for service please contact Patrick Bochud or Holger Kliner at Scott Sports SA.



GEOMETRY/TECHNICAL DATA PLASMA 2



Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle	head tube		top tube horizontal		seat angle	BB center to top of seat tube		BB center to top tube center		chainstay		BB offset		standover height				
	°	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
XXS / 47	71.0	90	3.5	490	19.3	76.0	640	25.2	464.9	18.3	406	16	-70	-2.8	720	28.3	960	37.8	80
XS / 49	71.5	100	3.9	505	19.9	76.0	680	26.8	476.4	18.8	406	16	-70	-2.8	739	29.1	972	38.3	90
S / 52	72.0	110	4.3	520	20.5	76.0	720	28.3	487.9	19.2	406	16	-70	-2.8	759	29.9	983	38.7	90
M / 54	72.5	120	4.7	535	21.1	76.0	760	29.9	499.4	19.7	406	16	-70	-2.8	779	30.7	995	39.2	110
L / 56	72.5	140	5.5	552	21.7	76.0	800	31.5	519.1	20.4	406	16	-70	-2.8	798	31.4	1013	39.9	110

Headset	1 1/8" integr., 40mm cartridges
BB housing	68mm
Front derailleur	Braze on, downroute

PLASMA 2

TECHNICAL DATA PLASMA 2

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Plasma 10	FD7900-F BRAZED ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	80(XXS-XS); 90 (S-M); 110 (L)	420	Plasma 2 7x7 Clamp
Plasma 20	FD6700-G BRAZED ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	80(XXS-XS); 90 (S-M); 110 (L)	420	Plasma 2 7x7 Clamp
Plasma 30	FD5700-S BRAZED ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	80(XXS-XS); 90 (S-M); 110 (L)	420	Plasma 2 7x7 Clamp

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Plasma 10	WH-R501 WHEELSET	WH-R501 WHEELSET	NONE	NONE
Plasma 20	WH-R501 WHEELSET	WH-R501 WHEELSET	NONE	NONE
Plasma 30	WH-R501 WHEELSET	WH-R501 WHEELSET	NONE	NONE

SPECIAL PARTS PLASMA 2

Item	Description
208362	Antichainsuck clamp 34.9
217237	Chainstay protector CR1 alloy 2010
206472	Dropout Scott Addict / CR1 10'
223107	Fork CR 1 Comp 2012 1size
223109	Fork CR 1 Elite 2012 1size
223110	Fork CR 1 Pro 2012 1size
223111	Fork CR 1 SL 2012 1size
223108	Fork CR 1 Team 2012 1size
223265	Rim Alex Race 28 20H Black
216321	Rim Alex Race 28 20H White
223266	Rim Alex Race 28 24H Black
216322	Rim Alex Race 28 24H White
1518364040000	Seatclamp 34.4mm w/bolt f/Cr1&scandium
1518603350910	Shifting adjuster road bike 10-Pak
208364	Shimano int.BB ISMFC7800P

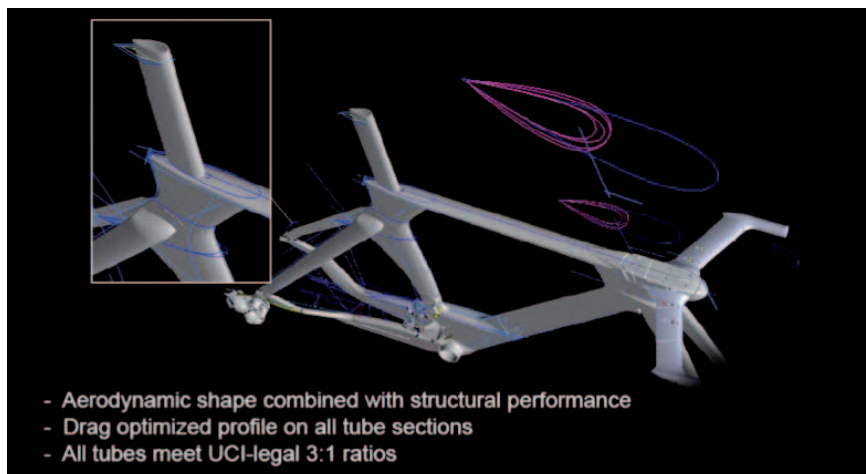
20 PLASMA 3

PLASMA 3

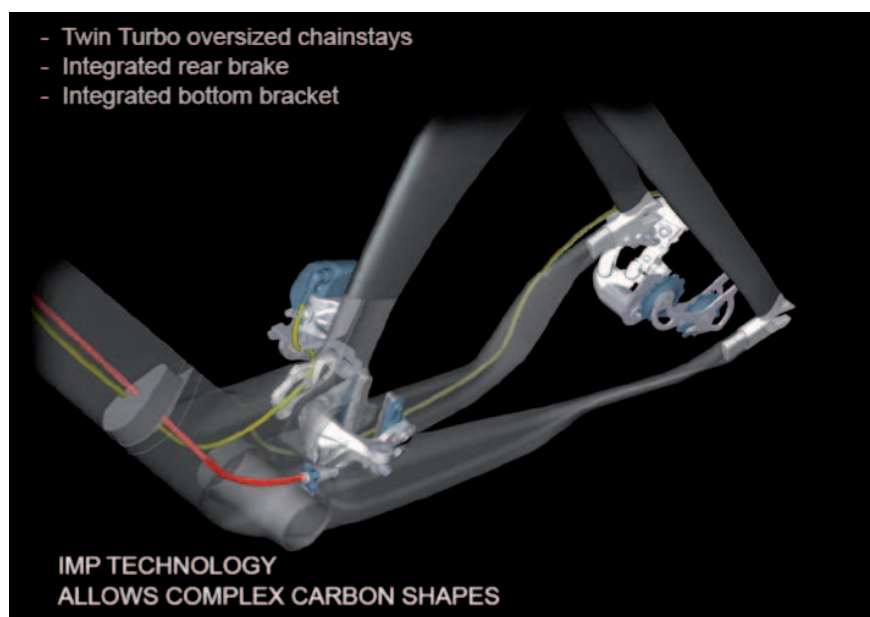
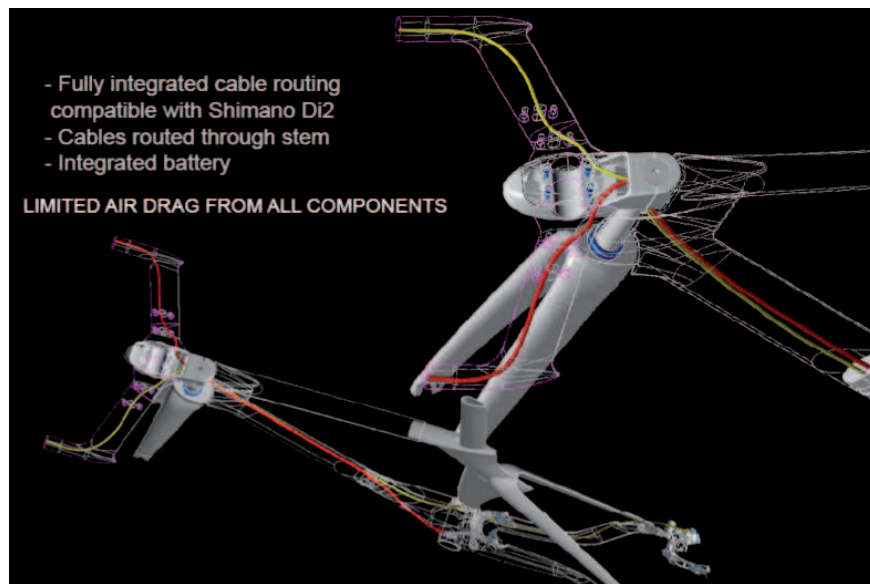
Plasma 3 started already in 2009 as a project with Team HTC Columbia and the Commerzbank Triathlon Team and is now available also for customers.

This bike/frameset follows completely the rules of the UCI on time trial bikes and suits also perfect for triathlon use.

Some of the main features are:



PLASMA 3

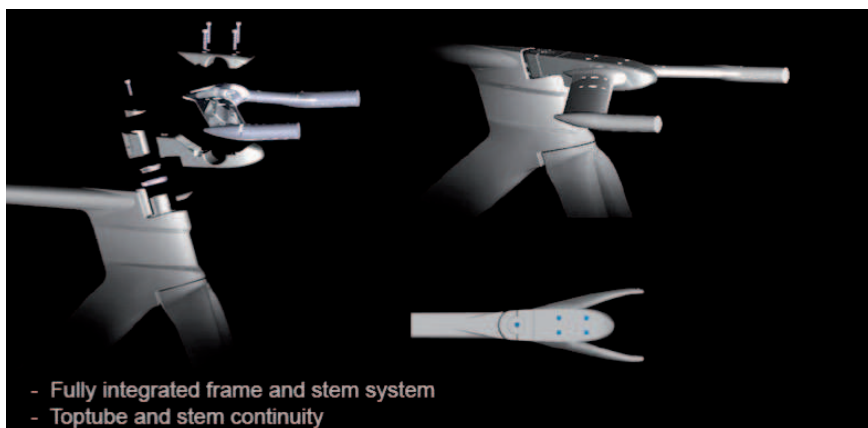


Important:

The Plasma TT frame set can only be assembled with the stem/handlebar combination delivered with the frame set.

Other stems/handlebars will not fit properly and can even be dangerous in case combined with this frame set/fork system!

PLASMA 3



PLASMA 3

The Plasma Premium frame set will be delivered with a 40° rise stem without handlebar.

Please note that you cannot use the 0° rise stem of Plasma TT with this frame and fork!



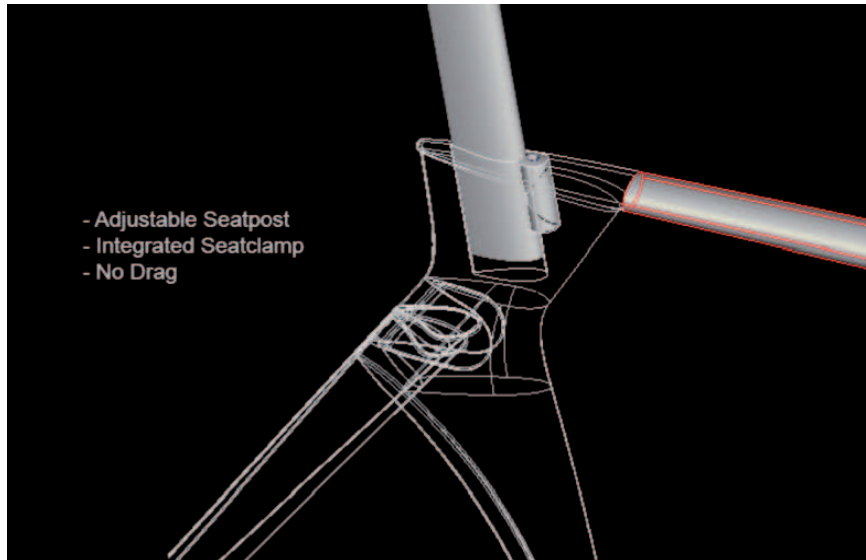
PLASMA PREMIUM FRAMESET
Black/Grey matte color, 40mm rise stem, compatible
with cable-actuated drivetrains.



The stem for Plasma Premium is available in 75mm and 90mm length.

PLASMA 3

The seatpost of Plasma 3 needs to be cut on its downside. Please make sure that the seatpost touches the base of the seatpost pocket inside the frame to avoid a slipping seatpost.



You will find attached to each frameset and bike a seatpost cutting tool:



To cut the seatpost according to the requested seat height of the customer please follow following steps:

The seatpost of the SCOTT Plasma 3/TT needs to be cut and adjusted to the personal seat height of the rider.

The tool to do so is added to your Plasma 3/TT and will help to cut properly without any risk of damaging your seat tube.

PLASMA 3

To do so, pls follow the instructions given below:

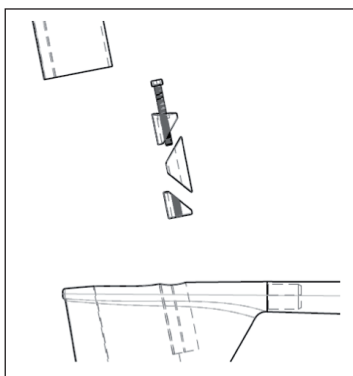
1. Take the exact measure of the distance (d0) from the mid of axle of your pedal to the upper side of the saddle you use already on your "old" bike which is exactly adjusted to your seat position.

Important: pls note that the change to another saddle or pedal model might influence a lot the length of the seatpost!

2. Mount your pedals and saddle on the Plasma 3/TT bike. For the cutting, position your seatpost as low as possible in the frame and measure the distance (d1) from the mid of the pedal axle to the upper side of the saddle. Remove the seat clamp and measure the distance (d2) from the downside of the seatpost: $d2 = d1 - d0$
3. Indicate the length (d2) you want to cut on the seatpost with a marker pen.

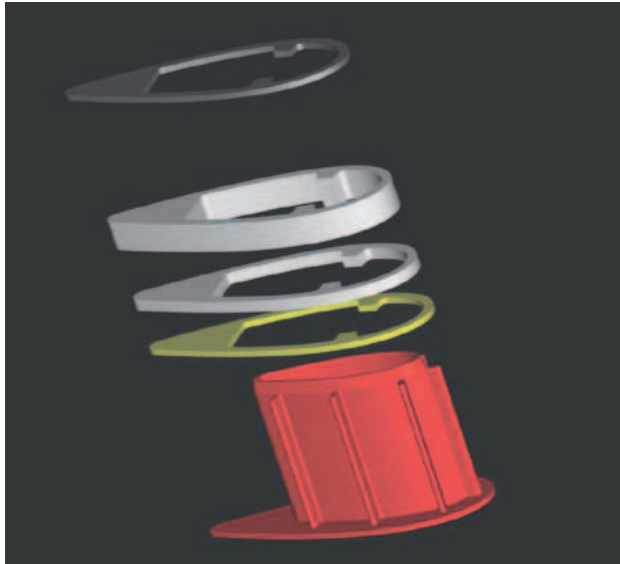


4. Slide the Plasma Cutting Tool on the seatpost of Plasma 3/TT until the line of the marker is visible in the slot on the tool that will guide your saw blade. drawing
5. Fix the two 5mm bolts with a 4mm Allen key with a tightening torque of 6 Nm.
6. Take a saw with a blade for cutting metal. Please only use a 10D/24T teeth blade to make sure not to damage the carbon tube warning logo
7. Cut the tube, remove the tool and take sandpaper to smoothen the edges of the cutting area.
8. Remount the seatpost and tighten the wedge on the frame with a torque of 5 Nm.



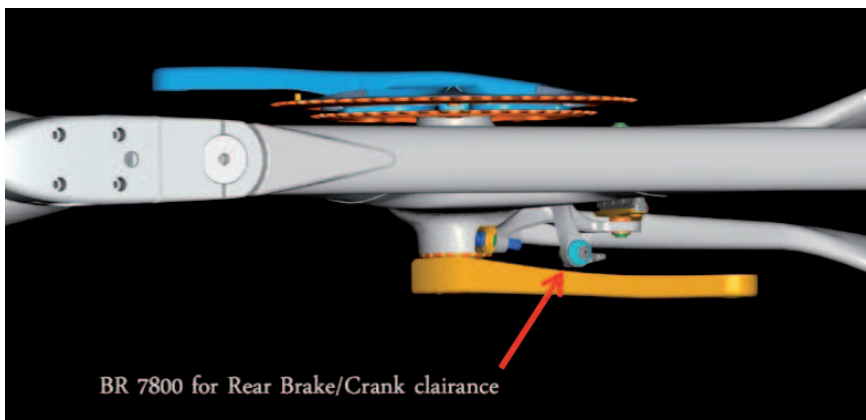
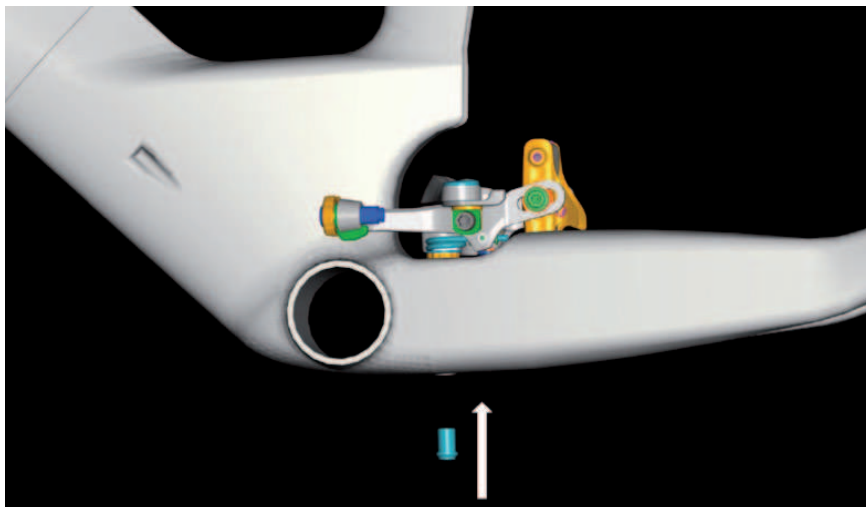
PLASMA 3

In case the seatpost was cut too short or another rider wants to adjust the seatheight but keep the seatpost maximum inside the seattube pocket you can use the adapter-set as shown below to adjust the length of the seatpost individually.



REAR BRAKE PLASMA 3:

Please only use Shimano BR-7800 as this brake will offer enough clearance between the brake arms and the cranks.



PLASMA 3

CABLE ROUTING ON PLASMA 3

Main Frame Cable

2 x EW-7975-A1 SMALL BAT MOUNT (use 2 sets if the Bat is mounted behind the Saddle, extension for Bat cable needed we used a second rear Der. Cable as Bat extension cable) so you need 2 sets

Or

1 x EW 7975 -A2 SMALL BAT MOUNT (Long Bat cable for Bat behind the Saddle-no connector at the Seatpost difficult to remove the Seatpost without removing the Crankset)

Or

1 x EW 7975 A1 (short Bat mount under the BB or Chainstays) no rivets are foreseen on this areas.

BAR Cables

1 x SM-EW 79A-I

Or

1 x SM-EW 79A-I2(longer Version)

DI2 Components to Order

1 x ST-7971

1 x RD-7970

1 x FD-7970

1 x SM-BTR1

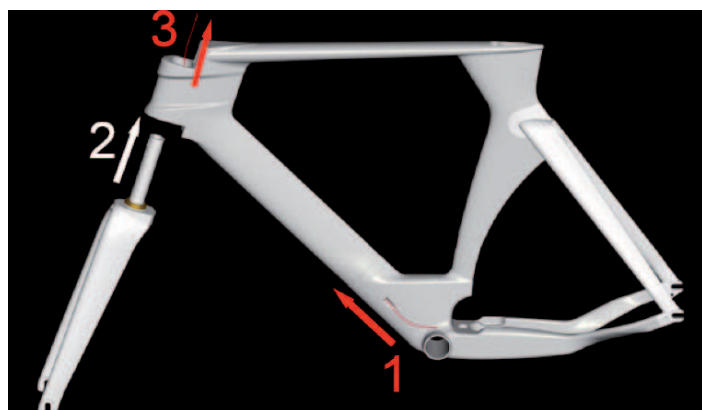
1 x SM-BCR1

1 x SM-BCC11

1 x BR 7800 rear Brake

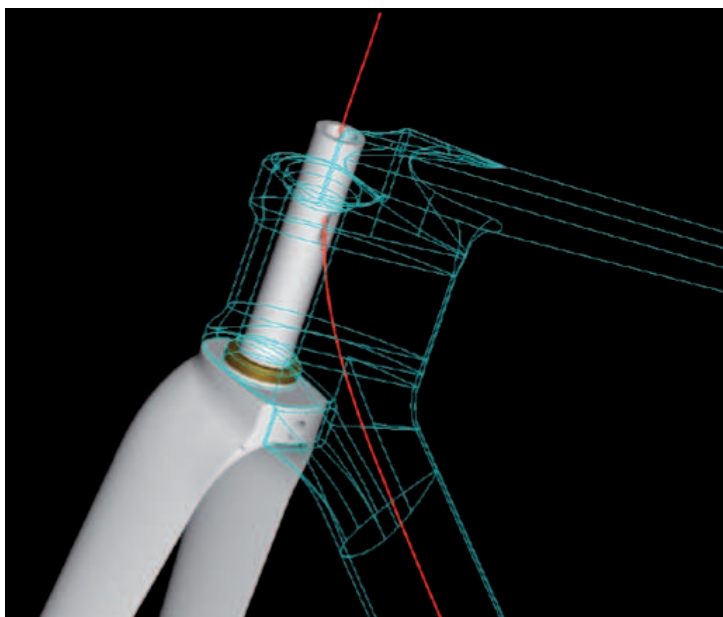


1. Assembly lower bearing on fork carbon crown

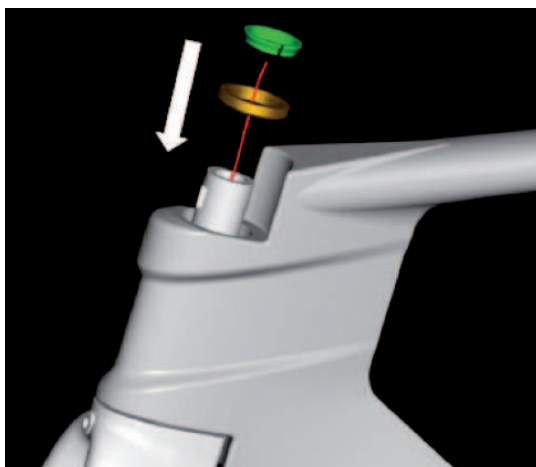


PLASMA 3

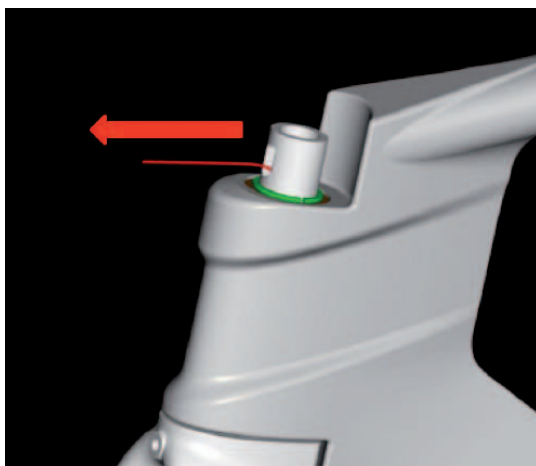
CABLE ROUTING ON PLASMA 3 TT VERSION



3. Assemble to upper headset bearing and the compression washer of the headset



4. Route the brake cable through the front side steerer tube hole



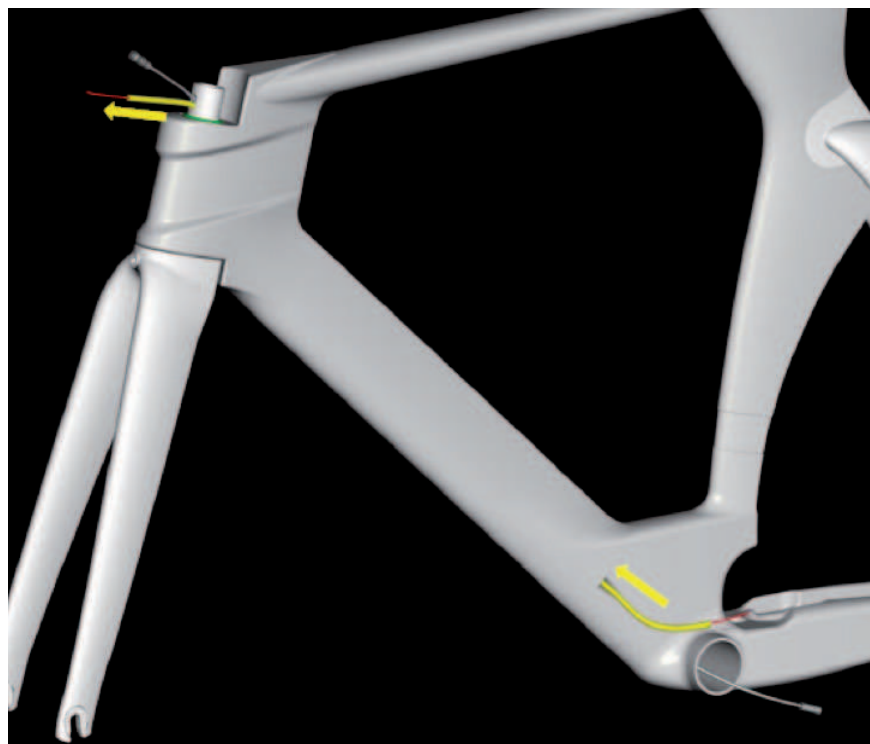
PLASMA 3

CABLE ROUTING ON PLASMA 3 TT VERSION

5. Push the Di2 cable through the steerer holes into the frame downward all way long



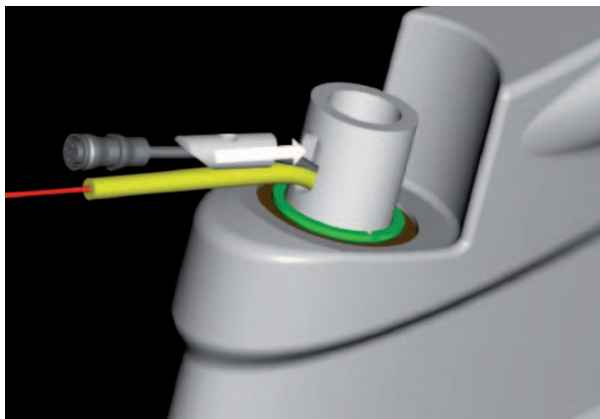
6. Push the brake cable outer housing along the brake cable all way upward from the BB to the steerer tube holes into the frame



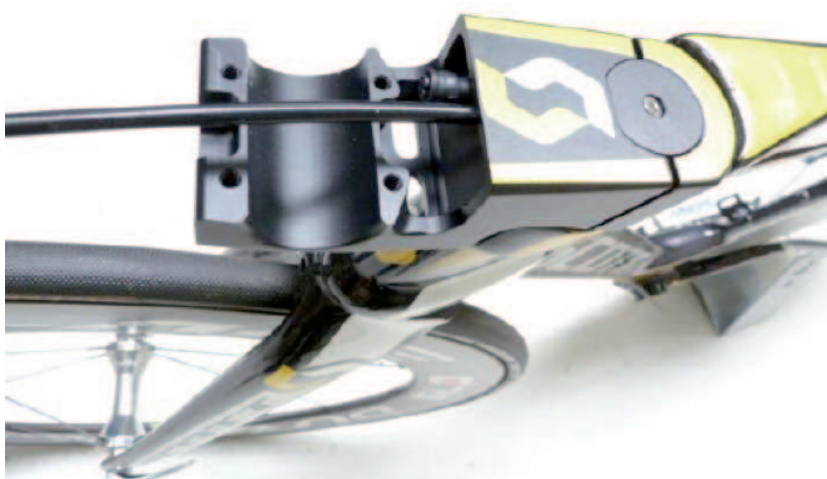
PLASMA 3

CABLE ROUTING ON PLASMA 3 TT VERSION

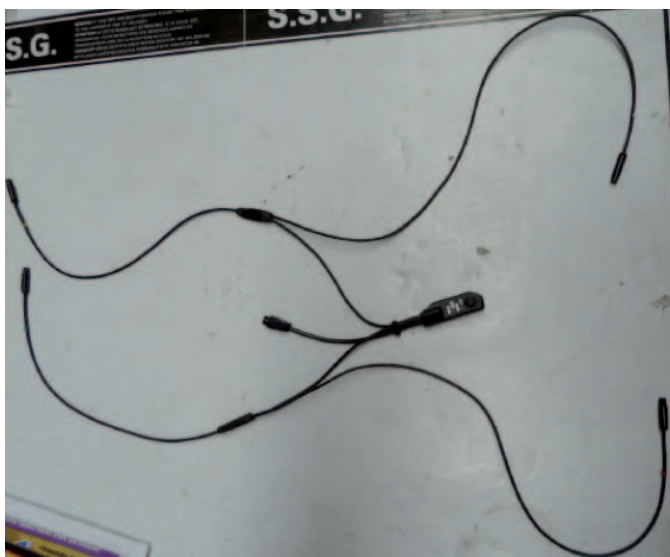
7. Insert the compression kit tube in the upper holes of the steerer



8. Assemble the stem main body with its rear cap on the steerer tube



9. Use the cables for the Di2 bar fit as shown below:



PLASMA 3

CABLE ROUTING ON PLASMA 3 TT VERSION

10. Assemble the Di2 cables on the bar:



11. Assemble the bar on the stem:



PLASMA 3

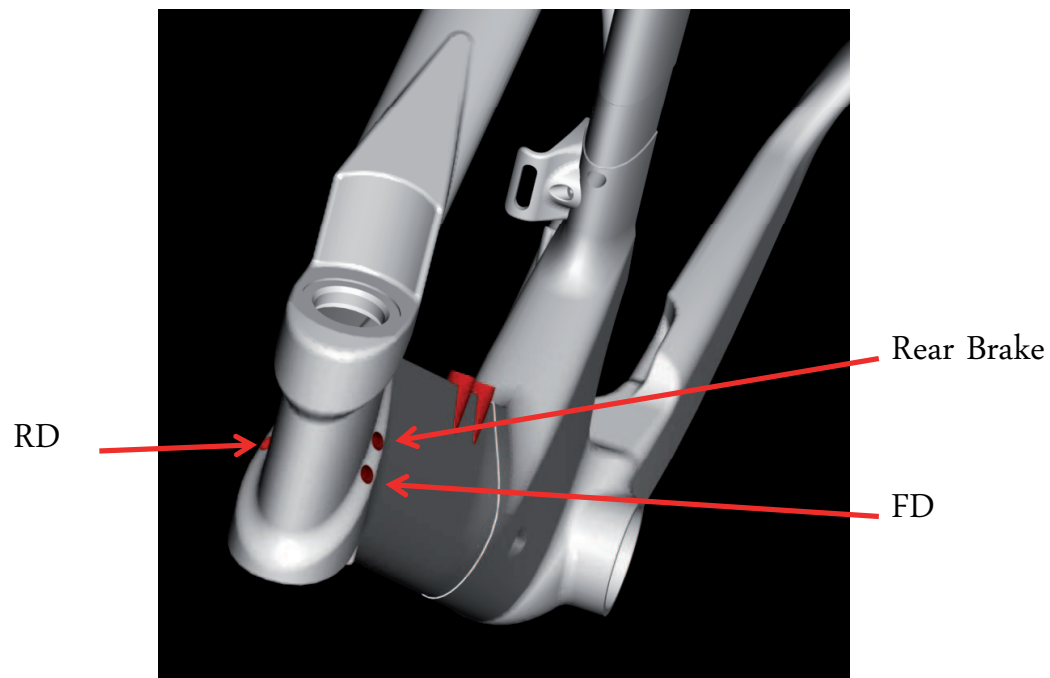
CABLE ROUTING ON PLASMA 3 TT VERSION

12. Connect the Di2 wire plugs and finalize the assembly of front and rear brake cables

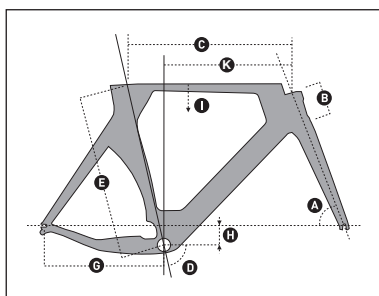


PLASMA 3

CABLE ROUTING ON PLASMA 3 TRIATHLON VERSION



GEOMETRY / TECHNICAL DATA PLASMA 3



	S	M	L
A HEAD TUBE ANGLE	72.5°	73.0°	73.0°
B HEADTUBE LENGTH	108 mm 4.3 inches	138 mm 5.4 inches	169 mm 6.7 inches
C TOPTUBE LENGTH HORIZONTAL	517 mm 20.4 inches	550 mm 21.7 inches	572 mm 22.5 inches
E SEAT TUBE ANGLE	76.0°	76.0°	76.0°
F BB CENTER TO TOPTUBE CENTER	510 mm 20.1 inches	540 mm 21.3 inches	570 mm 22.4 inches
H CHAINSTAY LENGTH	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches
I BB OFFSET	-65 mm -2.6 inches	-65 mm -2.6 inches	-65 mm -2.6 inches
J STANDOVER HEIGHT	780 mm 30.7 inches	810 mm 31.9 inches	840 mm 33.1 inches
K REACH	390 mm 15.4 inches	415 mm 16.3 inches	430 mm 16.9 inches
STEM LENGTH	75 mm	75 mm	90 mm

PLASMA 3

TECHNICAL DATA PLASMA 3

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec / dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Plasma Premium	RED 2X10 BRAZED ON	172.5(52); 175(54-56)	PRO 1" DROP IN W/OUTER 38MM W/IN 27.5MM A6061 CROWN 26.4	75 (S, M) 90 (L)	420	Plasma 3

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Plasma Premium	F : ZIP 808 / R : ZIP 1080	F : ZIP 808 / R : ZIP 1080	NONE	NONE

SPECIAL PARTS PLASMA 3

Item	Description
220520	Cutting Tool Seattube Plasma 3
213487	Dropout Plasma 2/3
223125	Fork Plasma Premium 2012 1size
223125	Fork Plasma Premium 2012 L
223125	Fork Plasma Premium 2012 M
223125	Fork Plasma Premium 2012 S
223124	Fork Plasma TT 2012 L
223124	Fork Plasma TT 2012 M
223124	Fork Plasma TT 2012 S
219513	Headset Ritchey Plasma TT one size
219581	Seatclamp System Plasma TT 2011 one size
219550	Seatpost Scott Plasma 3 Head Ritchey one size
219549	Seatpost Scott Plasma 3 one size
219514	Slider f/steerer Plasma TT incl. Topcap one size
219556	Stem Plasma Premium Profile 75
219556	Stem Plasma Premium Profile 90
219555	Stem Plasma TT Ritchey 0° 90

21 CONTESSA RACE

CONTESSA RACE

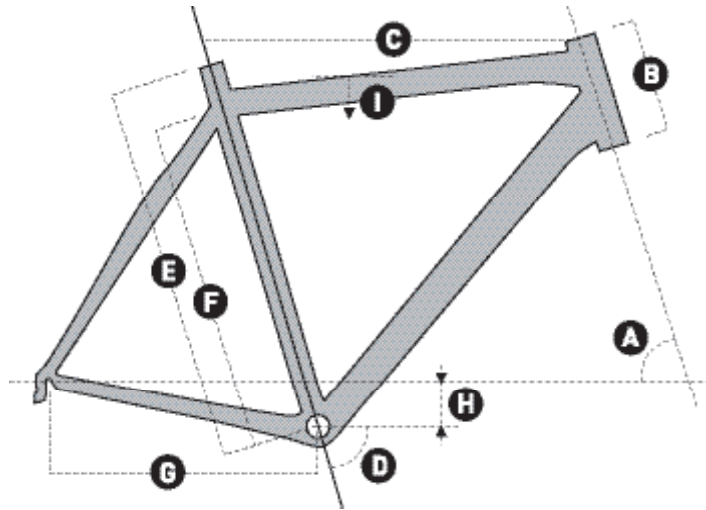
CONTESSA CR1 / CONTESSA SPEEDSTER



Contessa Race MY 2012 remains on geometry/technical data same as MY 2011
Please Note the geometry for Contessa Scale Alloy frames is the same as Contessa Sport
The Contessa RC frame has the same Geometry as the Scale Carbon frames.

CONTESSA RACE

GEOMETRY/TECHNICAL DATA CONTESSA CR1 / SPEEDSTER



CONTESSA FOIL

Size	A	B		C		D	F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	seat angle °	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	100	3.9	510	20.1	74.5	410	16.1	405	15.9	-67	-2.6	717	28.2	972	38.3	90
XS / 49	71.0	105	4.1	520	20.5	74.5	430	16.9	405	15.9	-67	-2.6	731	28.8	978	38.5	100
S / 52	72.0	120	4.7	535	21.1	74.0	460	18.1	405	15.9	-67	-2.6	755	29.7	979	38.5	110
M / 54	73.0	140	5.5	550	21.7	73.3	480	18.9	405	15.9	-67	-2.6	775	30.5	980	38.6	110
L / 56	73.0	160	6.3	565	22.2	73.3	500	19.7	405	15.9	-67	-2.6	794	31.3	994	39.1	110

CONTESSA CR1

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	seat angle °	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	710	28.0	975	38.4	70
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	730	28.7	978	38.5	80
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	750	29.5	980	38.6	90
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	775	30.5	981	38.6	100
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	788	31.0	992	39.0	110

CONTESSA SPEEDSTER

XXS / 47	70.5	105	4.1	505	19.9	75.0	470	18.5	410	16.1	405	15.9	-67	-2.6	713	28.1	975	38.4	70
XS / 49	71.0	110	4.3	515	20.3	75.0	490	19.3	430	16.9	405	15.9	-67	-2.6	733	28.9	978	38.5	80
S / 52	72.5	130	5.1	530	20.9	74.5	520	20.5	460	18.1	405	15.9	-67	-2.6	753	29.6	980	38.6	90
M / 54	73.0	150	5.9	545	21.5	74.0	540	21.3	480	18.9	405	15.9	-67	-2.6	778	30.6	981	38.6	100
L / 56	73.0	170	6.7	560	22.0	73.5	560	22.0	500	19.7	405	15.9	-67	-2.6	791	31.1	992	39.0	110

Headset 1 1/8" semi integr. 44.0mm cups

BB housing 68mm

Seatpost diameter 31.6mm

Front derailleur Braze on, downroute

CONTESSA RACE

TECHNICAL DATA CONTESSA CRI / CONTESSA SPEEDSTER

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Contessa Foil	FD6700-G BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	PRO LOGIC ZERO 28.7-44-46	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	Foil X350
Contessa CRI Comp	FD4600 BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300
Contessa CRI Team	FD5700-S BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300
Contessa Speedster S15	FD5700-S BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	LOGIC OE -07 28.6-44-30 H=9.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300
Contessa Speedster S25	FD4603 BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	LOGIC OE -07 28.6-44-30 H=9.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300
Contessa Speedster S35	FD3403-F BRAZED ON	170(XXS-M); 175(L)	LOGIC OE -07 28.6-44-30 H=9.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300
Contessa Speedster S45	FD2302 BRAZED ON	170(XXS-M); 175(L)	LOGIC OE -07 28.6-44-30 H=9.4	60(XXS); 75(XS); 90(S); 100(M); 110(L)	380(XXS); 400(XS); 420(S-M); 440 (L)	31.6 / 300

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Contessa Foil	COSMIC ELITE 11 (F&R) WHEELSET	COSMIC ELITE 11 (F&R) WHEELSET	NONE	NONE
Contessa CRI Comp	CN AERO494 275.5 LEFT 275.5 RIGHT	CN AERO494 295 LEFT 293.5 RIGHT	NONE	NONE
Contessa CRI Team	AKSIUM 10 F&R(M10) WHEEL SET	AKSIUM 10 F&R(M10) WHEEL SET	NONE	NONE
Contessa Speedster S15	TBD	TBD	NONE	NONE
Contessa Speedster S25	TBD	TBD	NONE	NONE
Contessa Speedster S35	TBD	TBD	NONE	NONE
Contessa Speedster S45	TBD	TBD	NONE	NONE



CONTESSA RACE

SPECIAL PARTS CONTESSA CR1 / CONTESSA SPEEDSTER

Item	Description
208362	Antichainsuck clamp 34.9
219584	BB Cableguide Foil 2011 1size
221653	Chainguide System Foil 2011 1size
219583	Dropout Hanger Foil 2011 1size
206472	Dropout Scott Addict / CR1 10'
206376	Dropout+Screw AFD 98->02 2-PAK
221654	FD Mount Adapter Plate Foil 2011 1size
223114	Fork Contessa CR1 Comp 2012 1size
223113	Fork Contessa CR1 Team 2012 1size
223112	Fork Contessa Foil 2012 1size
223115	Fork Contessa Speedster 15 2012 1size
223116	Fork Contessa Speedster 25 2012 1size
223117	Fork Contessa Speedster 35 2012 1size
223118	Fork Contessa Speedster 45 2012 1size
223252	Frameset Contessa CR 1 Team 2012
223251	Frameset Contessa Foil 2012
223253	Frameset Contessa Speedster 15 2012 XXS47
219512	Headset Ritchey Foil 50/55mm 1size
223265	Rim Alex Race 28 20H Black
216321	Rim Alex Race 28 20H White
223266	Rim Alex Race 28 24H Black
216322	Rim Alex Race 28 24H White
1518364040000	Seatclamp 34.4mm w/bolt f/Cr1&scandium
219582	Seatclamp System Foil 2011 1size
220895	Seatpost Scott Foil WCS UD gloss 0mm
220895	Seatpost Scott Foil WCS UD gloss 25mm
220895	Seatpost Scott Foil WCS UD matt 0mm
220895	Seatpost Scott Foil WCS UD matt 25mm
1518603350910	Shifting adjuster road bike 10-Pak

CONTESSA RACE

CONTESSA SPARK RC

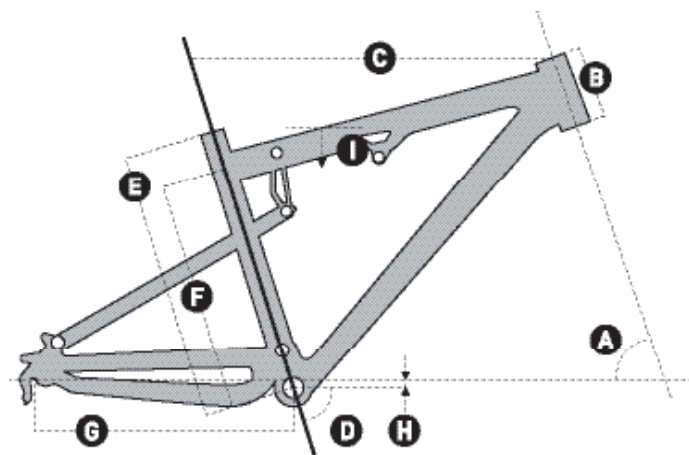


CONTESSA SCALE RC



CONTESSA RACE

GEOMETRY/TECHNICAL DATA CONTESSA SPARK RC



CONTESSA SPARK RC CARBON

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in
C TOPTUBE LENGTH HORIZONTAL	553 mm 21.8 in	555 mm 21.9 in	589 mm 23.2 in	590 mm 23.2 in	618 mm 24.3 in	620 mm 24.4 in
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 in	509 mm 20.0 in	540 mm 21.3 in	540 mm 21.3 in	570 mm 22.4 in	570 mm 22.4 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in
WHEELBASE	1072 mm 42.2 in	1073 mm 42.2 in	1108 mm 43.6 in	1109 mm 43.7 in	1140 mm 44.9 in	1141 mm 44.9 in
K REACH	397 mm 15.6 in	391 mm 15.4 in	429 mm 16.9 in	423 mm 16.7 in	453 mm 17.8 in	448 mm 17.6 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm

Travel	120/85/0mm
Suspension Ratio	2.4
Piston stroke	50mm
Shock length (Eye to Eye)	190mm
Hardware Mainframe	22.2mm x 6mm
Hardware Swingarm	22.2mm x 6mm
Seatpost diameter	31.6mm
Headset	semi integr. for tapered 1 1/8-1.5 (44.0/54.9mm inner diameter of frame) or with 1 1/8 straight (44.0mm)
Fork travel	120mm
Fork length	490mm
BB housing	BB PF 92 carbon / 73mm alloy
Front derailleur	Shimano E-Type / SRAM S3 direct mount
Bearings	2 x IGUS, 6 x 6802 (24x15x5)



CONTESSA RACE

TECHNICAL DATA CONTESSA SPARK RC

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Contessa Spark RC	FD-M780-E (E-TYPE)	170(S); 175(M-L)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	70(S-M); 90(L)	640	31.6 / 350(S); 400(M-L)

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (EZE)	Hardware Shock
Contessa Spark RC	XR-20 F CONTESSA 26X28H WHEEL SET	XR-20 F CONTESSA 26X28H WHEEL SET	190	M6X 22.2

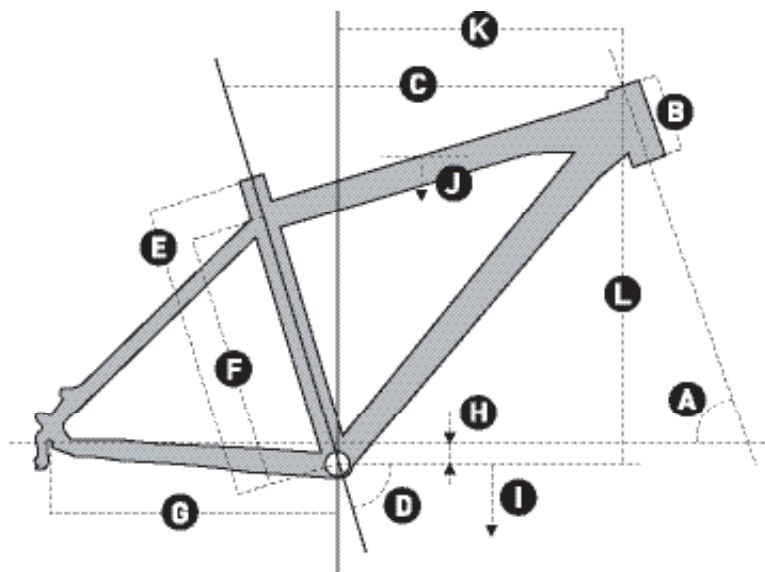
SPECIAL PARTS CONTESSA SPARK RC

Item	Description
223305	BB Cableguide Spark 2012 carbon Nsize
223242	Chainstays Contessa Spark RC 2012 1size
223374	CSP New Pre Shape Spark 2012
219577	Dropout Hang.right side IDS 2 142/RWS12 1size
219574	Dropout Set IDS 2 142/RWS 12 1size
223304	FD-Mount Plate Set Spark 2012 Nsize
223240	Front Triangle Contessa Spark RC 2012 S
223306	Geometry Chip Spark DT shox 2012 Nsize
223302	Igus Bushing Set Spark 2012 CST/SST w/ca 1siz
223303	Ind. Bearing Set Spark 2012 CST/SST w/ax 1siz
223238	Linkage Bars Spark 26 white L
223238	Linkage Bars Spark 26 white M
223238	Linkage Bars Spark 26 white S
223238	Linkage Bars Spark 26 white XL
223292	Rear Shock DT Swiss Nude 2 w/o lev.190 E Nsiz
223300	Rear Shock Nude 2 Mount Bolt Set Nsize
223299	Rear Shock Nude 2 Mount Reducer Set Nsize
223309	Seatclamp 34.9mm w/QR CrMo bolt 1size
223310	Seatclamp 34.9mm w/QR Titanium bolt 1size
223241	Seatstays Contessa Spark RC 2012 L
223241	Seatstays Contessa Spark RC 2012 M
223241	Seatstays Contessa Spark RC 2012 S
223301	Swingarm Repair Kit Spark 2012 Nsize
223289	Tool set swingarm Spark 2012 1size
223298	Twinloc Lever for Nude/2-RS DNA3 Spark 2 Nsiz



CONTESSA RACE

GEOMETRY/TECHNICAL DATA CONTESSA SCALE RC



CONTESSA SCALE

Size	A	B		C		D	E		F		G		H		I		J	
	head angle °	head tube mm	inches	top tube horizontal mm	inches	seat angle °	BB center to top of seat tube mm	inches	BB center to toptube center mm	inches	chainstay mm	inches	BB offset mm	inches	BB height mm	inches	standover height mm	inches
XS(alloy model)	70	100	3.9	540	21.3	73.5	350	13.8	284	11.2	420	16.5	-30	-1.2	310	12.2	695	27.4
S	70	110	4.3	555	21.9	73.5	390	15.4	324	12.8	420	16.5	-30	-1.2	310	12.2	733	28.9
M	70	120	4.7	585	23.0	73.5	440	17.3	374	14.7	420	16.5	-30	-1.2	310	12.2	765	30.1
L	70	135	5.3	610	24.0	73.5	490	18.9	414	16.3	420	16.5	-30	-1.2	310	12.2	792	31.2
XL(alloy model)	70	160	6.3	640	25.2	73.5	530	20.9	464	18.3	420	16.5	-30	-1.2	310	12.2	830	32.7

Size	wheel base		K Reach		L Stack		Stem length mm
	mm	inches	mm	inches	mm	inches	
XS(alloy model)	1025	40.4	380	15.0	552	21.7	80
S	1073	42.2	387	15.2	566	22.3	80
M	1073	42.2	414	16.3	576	22.7	90
L	1099	43.3	435	17.1	590	23.2	100
XL(alloy model)	1131	44.5	458	18.0	613	24.1	110

Seatpost diameter	34,9mm
Headset	1 1/8" /1.5", tapered, cups semi-integrated, 50-61mm cup OD
Fork travel	100mm
Fork length	471mm
BB housing	73mm
Front derailleur	34.9mm clamp, down pull

CONTESSA RACE

TECHNICAL DATA CONTESSA SCALE RC

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Contessa Scale RC	FD-M781/34.9	170(S); 175(M-L)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	70(S-M); 90(L)	620	34.9 / 350(XS-S); 400(M-L)
Contessa Scale 10	FD-M590/34.9	170(XS-S); 175(M-XL)	LOGIC ZERO OE 28.6-40-30 H=9.4	60(XS); 75(S-M); 90(L-XL)	620	31.6 / 350
Contessa Scale 20	FD-M430/34.9	170(XS-S); 175(M-XL)	LOGIC ZERO OE (50X44)	60(XS); 75(S-M); 90(L-XL)	620	31.6 / 350
Contessa Scale 30	FD-M390/34.9	170(XS-S); 175(M-XL)	LOGIC ZERO OE (50X44)	70(XS-S); 80(M); 90(L-XL)	620	31.6 / 350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Contessa Scale RC	XR-20 F CONTESSA 26X28H WHEEL SET	XR-20 F CONTESSA 26X28H WHEEL SET	NONE	NONE
Contessa Scale 10	261/263	261/263	NONE	NONE
Contessa Scale 20	261/262	262/261	NONE	NONE
Contessa Scale 30	259/260	260/259	NONE	NONE---

SPECIAL PARTS CONTESSA SCALE RC

Item	Description
219579	BB Cableguide Scale Carbon 2011 one size
219508	Headset Ritchey WCS carb.0-tapered one size
220518	Chainsuck Protector Scale carbon 11'
219688	CSP New Scale Carbon black
206473	Dropout Spark/Genius'09 Scale'11 2-PAK
206375	Dropout+Screw all MTB since'97 5-PAK
223244	Frame Contessa Scale 10 2012
223243	Frame Contessa Scale RC 2012
214681	Rim Alex XC 44 disc 32H Blk 26"
216358	Rim Alex XC 44 disc 32H White 26"
223285	Saddle Contessa Race black
223285	Saddle Contessa Race white
219547	Saddle Contessa Race white
214736	Seatclamp 37.8mm w QR

22 E-VENTURE

E-VENTURE

In MY 2012 Scott changed the names of the Pedelecs and calls them E-Venture



Besides the already known Men and Solution frames we now also offer on E-Venture 20 and 30 a Lady frame which offer a very low toptube section.



Pedelec means a maximum speed of 25km/h with engine support and it needs always pedaling power from the rider to get the engine support.

In addition we added the E-Aspect 29 as a mountain bike option of the Pedelecs. This bike is an Aspect 29 bike from its geometry but uses the same Bosch System we use on E-Venture.

Scott is using the Bosch System for the drivetrain and power supply.

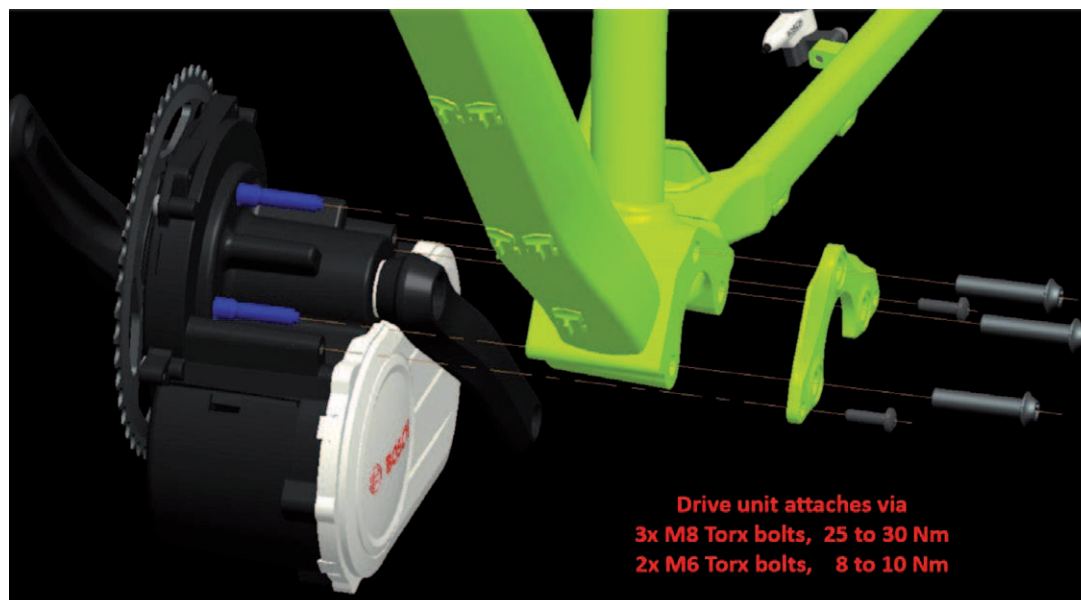
Please refer to details on those parts to the documents provided by Bosch in the Tech Meeting

Also the complete service and warranty support on all Bosch related parts is made by a Bosch Service Center.

You will find more details and contacts on this in the documents of Bosch in this Tech Book.

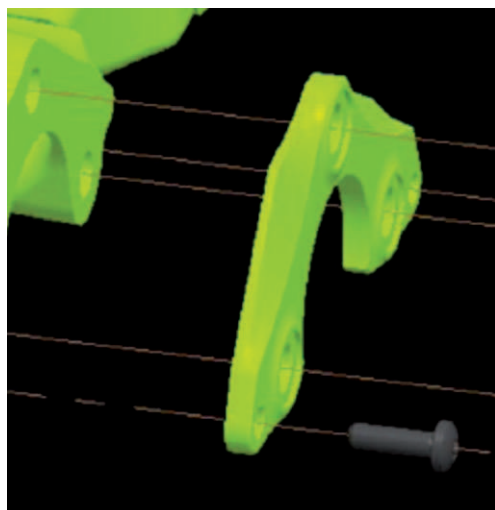
E-VENTURE

Please note that the drive unit is mounted on the frame with 5 bolts as shown below. Pls note that it is mandatory to use always new bolts after loosening them once for safety reason and pls respect the maximum tightening torque as shown in the drawing below.



The 5 bolts are available at the Bosch Service Center as they are seen as a part of the engine.

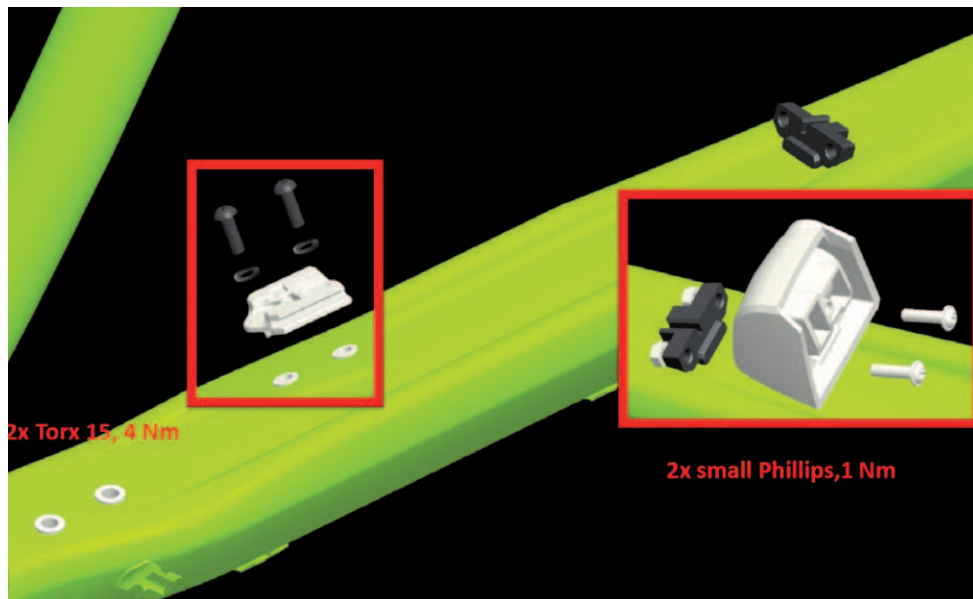
If you need the alloy plate between the bolt heads and the frame port pls contact Scott directly by mail as we have some of those plates in the different colors available in our office.



In case you need after a warranty exchange at the Bosch Service Center a Scott decal again for a battery please contact Scott. Scott will have those stickers available.

E-VENTURE

The mounting parts of the battery are also made by Bosch and can be ordered at Bosch Service Centers.



The Speed Sensor Mounting Kit is available at Scott with article number 220693 as this is a Scott specific part



The HMI which is fixed on the handlebar is distributed and serviced by the Bosch Service Centers.

E-VENTURE

For the crankset Scott can offer following parts:

Item	Description
220690	Crankset E-SUB/Sportster 2011 170mm 170
220691	Crankset E-SUB/Sportster 2011 175mm 175
220692	Chainring/Chainguard E-SUB/Sportster 11 44T 1 size

This crankset fits also for MY 12 models of E-Venture and E-Aspect 29.

Important:

Please note that those parts are special made for Scott/Bosch and that you cannot use other crank-sets on those bikes.

The lock system for the battery is available from Axa or Abus.
Bosch will offer more details on this in the Bosch specific part of the workshop.

E-Venture bikes have the same geometry as Sub & Sportster.

Sub geometry for E-Venture 10, E-Venture 30 (rigid fork)
Sportster geometry for E-Venture 20 (suspended fork)

TECHNICAL DATA E-VENTURE

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
E-VENTURE 10	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 20 LADY	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 20 SOLUTION	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 20	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 30 LADY	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 30 SOLUTION	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350
E-VENTURE 30	NONE	175	LOGIC OE 1 1/8" 50mm	75MM (S); 90Mm (M); 100MM (L); 110 (XL-XXL)	600	31.6 x 350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
E-VENTURE 10	TBD	TBD	NONE	NONE
E-VENTURE 20 LADY	TBD	TBD	NONE	NONE
E-VENTURE 20 SOLUTION	TBD	TBD	NONE	NONE
E-VENTURE 20	TBD	TBD	NONE	NONE
E-VENTURE 30 LADY	TBD	TBD	NONE	NONE
E-VENTURE 30 SOLUTION	TBD	TBD	NONE	NONE
E-VENTURE 30	TBD	TBD	NONE	NONE

SPECIAL PARTS E-VENTURE

Item	Description
216344	Bar JD 11.2
219557	Bar JD 11.2 600mm 2011 black
216345	Bar JD 16.2
219558	Bar JD 16.2 610mm 2011 black
220692	Chainring/Chainguard E-SUB/Sport.'11 44T 1siz
220690	Crankset E-SUB/Sportster 2011 170mm 170
220691	Crankset E-SUB/Sportster 2011 175mm 175
206375	Dropout+Screw all MTB since'97 5-PAK
224014	E-Bike front light warranty only 1size
216000	Fender Set 700C
223092	Fork E-Venture 10 Men 2012 1size
223093	Fork E-Venture 20 Men 2012 1size
223094	Fork E-Venture 20 Solution 2012 1size
223095	Fork E-Venture 30 Men 2012 1size
223096	Fork E-Venture 30 Solution 2012 1size
223143	Frame E-Aspect 29 2012 S
223153	Frame E-Venture 10 2012 S
223728	Frame E-Venture 20 Lady 2012 S
223154	Frame E-Venture 20 Men 2012 S
223155	Frame E-Venture 20 Solution 2012 M
200718	Headset Ritchey sem.int.11/8
223391	Kick Stand 2.0
219526	Pedal Wellgo C128 one size
223392	Rear Rack Scott 2.0
216892	Rear Rack Scott Urban 700C
206919	Rim Alex SUB 700C 32H disc Bk or Wh
216358	Rim Alex XC 44 disc 32H Wh
220693	Speed Sensor Mount Kit E-SUB/Sportster 1size
216342	Stem JD 57

23 VENTURE

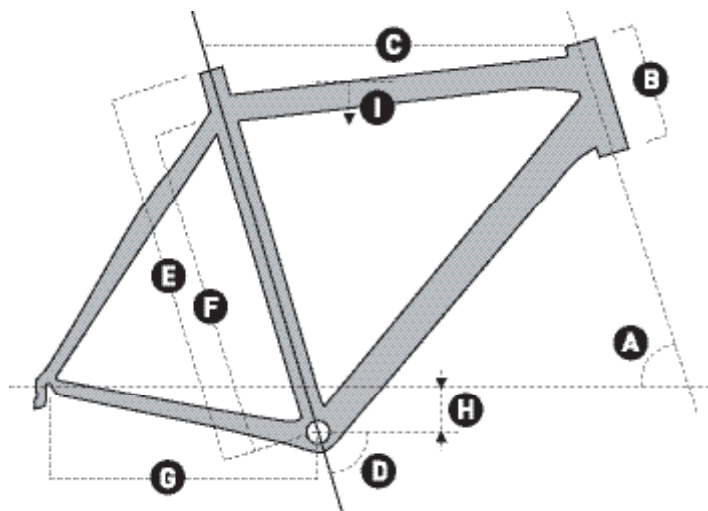
VENTURE



Venture 10

VENTURE

GEOMETRY/TECHNICAL DATA SUB



VENTURE MEN

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XS	69.5	135	5.3	545	21.5	73.5	420	16.5	353	13.9	456	18.0	-60	-2.4	718	28.3	-	-	90
S	70.5	145	5.7	555	21.9	73.5	440	17.3	373	14.7	456	18.0	-60	-2.4	735	28.9	1073	42.2	90
M	71.0	155	6.1	567	22.3	73.0	480	18.9	414	16.3	456	18.0	-60	-2.4	763	30.0	1074	42.3	90
L	71.5	175	6.9	577	22.7	72.5	520	20.5	454	17.9	456	18.0	-60	-2.4	795	31.3	1075	42.3	100
XL	72.0	195	7.7	592	23.3	72.5	550	21.7	484	19.0	456	18.0	-60	-2.4	821	32.3	1080	42.5	100

VENTURE SOLUTION

S	70.0	155	6.1	540	21.3	73.5	430	16.9	341	13.4	456	18	-60	-2.4	722	28.4	1043	41.0	80
M	70.5	165	6.5	550	21.7	73.5	470	18.5	363	14.3	456	18	-60	-2.4	739	29.1	1044	41.1	80
L	71.0	185	7.3	565	22.2	73.0	510	20.1	404	15.9	456	18	-60	-2.4	771	30.4	1055	41.5	90
XL	71.5	205	8.1	578	22.8	72.0	540	21.3	434	17.1	456	18	-60	-2.4	798	31.4	1061	41.8	100

Headset 1 1/8" semi integr. 44.0mm cups

BB housing 68mm

Seatpost diameter 31.6mm

VENTURE

TECHNICAL DATA VENTURE

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
VENTURE 10	NONE	170	LOGIC OE 1 1/8" 50mm	75MM	600	31.6 x 350
VENTURE 20	FD-M590 / 34.9	170	LOGIC OE 1 1/8" 50mm	75MM	600	31.6 x 350
VENTURE 30	NONE	170	LOGIC OE 1 1/8" 50mm	75MM	610	31.6 x 350
VENTURE 30 SOLUTION	NONE	170	LOGIC OE 1 1/8" 50mm	75MM	610	31.6 x 350
VENTURE 40	FD-M430-6 (9S)/34.9	170	LOGIC OE 1 1/8" 50mm	75MM	610	31.6 x 350
VENTURE 40 LADY	FD-M430-6 (9S)/34.9	170	LOGIC OE 1 1/8" 50mm	75MM	610	31.6 x 350
SUB 40 SOLUTION	FD-M430-6 (9S)/34.9	170	LOGIC OE 1 1/8" 50mm	75MM	610	31.6 x 350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
VENTURE 10	TBD	TBD	NONE	NONE
VENTURE 20	TBD	TBD	NONE	NONE
VENTURE 30	TBD	TBD	NONE	NONE
VENTURE 30 SOLUTION	TBD	TBD	NONE	NONE
VENTURE 40	TBD	TBD	NONE	NONE
VENTURE 40 LADY	TBD	TBD	NONE	NONE
SUB 40 SOLUTION	TBD	TBD	NONE	NONE

SPECIAL PARTS VENTURE

Item	Description
206375	Dropout+Screw all MTB since'97 5-PAK
216000	Fender Set 700C
223095	Fork E-Venture 30 Men 2012 1size
223085	Fork Suntour NEX 4610 V4 63mm black
223150	Frame Sportster 10 2012 suspension fork
223152	Frame Sportster 40 Lady 2012 suspension fork
223151	Frame Sportster Solution 20 2012 suspension fork
223147	Frame Sub 10 EBB split DO 2012 rigid fork
223148	Frame Sub 20 2012 rigid fork
223149	Frame Sub 30 Solution 2012 rigid fork
224417	Gates belt 118T
224418	Gates chain ring 46T
224416	Gates sprocket 24T
223391	Kick Stand 2.0
223392	Rear Rack Scott 2.0

24 SUB

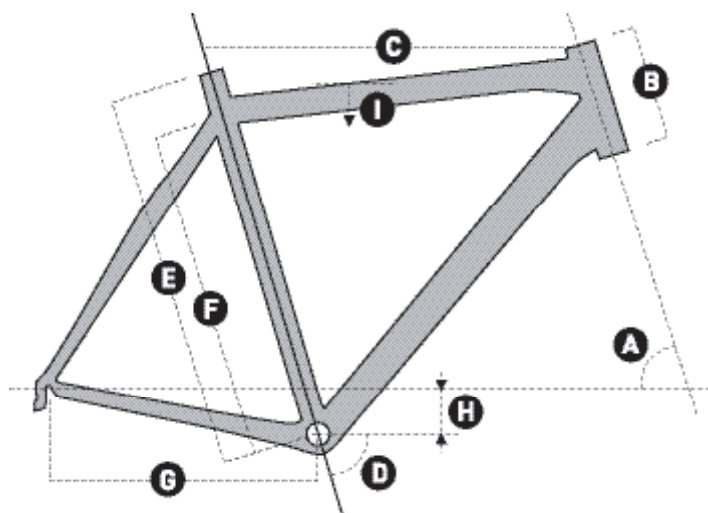
SUB



SUB models keep in MY 2012 the same frames as in 2011, split between Men and Solution bikes.

SUB

GEOMETRY/TECHNICAL DATA SUB



SUB MEN

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
XS	69.5	135	5.3	545	21.5	73.5	420	16.5	353	13.9	456	18.0	-60	-2.4	718	28.3	-	-	90
S	70.5	145	5.7	555	21.9	73.5	440	17.3	373	14.7	456	18.0	-60	-2.4	735	28.9	1073	42.2	90
M	71.0	155	6.1	567	22.3	73.0	480	18.9	414	16.3	456	18.0	-60	-2.4	763	30.0	1074	42.3	90
L	71.5	175	6.9	577	22.7	72.5	520	20.5	454	17.9	456	18.0	-60	-2.4	795	31.3	1075	42.3	100
XL	72.0	195	7.7	592	23.3	72.5	550	21.7	484	19.0	456	18.0	-60	-2.4	821	32.3	1080	42.5	100

SUB SOLUTION

S	70.0	155	6.1	540	21.3	73.5	430	16.9	341	13.4	456	18	-60	-2.4	722	28.4	1043	41.0	80
M	70.5	165	6.5	550	21.7	73.5	470	18.5	363	14.3	456	18	-60	-2.4	739	29.1	1044	41.1	80
L	71.0	185	7.3	565	22.2	73.0	510	20.1	404	15.9	456	18	-60	-2.4	771	30.4	1055	41.5	90
XL	71.5	205	8.1	578	22.8	72.0	540	21.3	434	17.1	456	18	-60	-2.4	798	31.4	1061	41.8	100

Headset 1 1/8" semi integr. 44.0mm cups

BB housing 68mm

Seatpost diameter 31.6mm

SUB

TECHNICAL DATA SUB

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
SUB 10	NONE	170(XS-S); 175(M-XL)	LOGIC OE-07 28.6-44-30 H=9.4	90MM(XS-M); 100MM(L-XL)	600	31.6 / 300(XS-S); 350(M-XL)
SUB 20	FD-M430-3 (9S)/ 34.9	170(XS-S); 175(M-XL)	LOGIC OE-07 28.6-44-30 H=9.4	90MM(XS-M); 100MM(L-XL)	600	31.6 / 300(XS-S); 350(M-XL)
SUB 25	NONE	170(XS-S); 175(M-XL)	LOGIC OE-07 28.6-44-30 H=9.4	90MM(XS-M); 100MM(L-XL)	600	31.6 / 300(XS-S); 350(M-XL)
SUB 30	FD-M390/34.9	170(XS-S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	90MM(XS-M); 100MM(L-XL)	600	31.6/350
SUB 30 SOLUTION	FD-M390/34.9	170(XS-S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	90MM(XS-M); 100MM(L-XL)	610	31.6/350
SUB 40	FD-M191/34.9	170(XS-S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	90MM(XS-M); 100MM(L-XL)	600	31.6/350
SUB 40 SOLUTION	FD-M191/34.9	170(XS-S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	90MM(XS-M); 100MM(L-XL)	610	31.6/350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
SUB 10	TBD	TBD	NONE	NONE
SUB 20	TBD	TBD	NONE	NONE
SUB 25	TBD	TBD	NONE	NONE
SUB 30	280/281	280/281	NONE	NONE
SUB 30 SOLUTION	280/281	280/281	NONE	NONE
SUB 40	284	283/282	NONE	NONE
SUB 40 SOLUTION	284	283/282	NONE	NONE

SPECIAL PARTS SUB

Item	Description
216344	Bar JD 11.2
219557	Bar JD 11.2 600mm 2011 black
216345	Bar JD 16.2
219558	Bar JD 16.2 610mm 2011 black
206375	Dropout+Screw all MTB since'97 5-PAK
216000	Fender Set 700C
223090	Fork SUB 700C disc only 2012 black
223091	Fork SUB 700C for V-brake 2012 black
223147	Frame Sub 10 EBB split DO 2012
223148	Frame Sub 20 2012
223149	Frame Sub 30 Solution 2012
224417	Gates belt 118T
224418	Gates chain ring 46T
224416	Gates sprocket 24T
223391	Kick Stand 2.0
223392	Rear Rack Scott 2.0
216892	Rear Rack Scott Urban 700C
206921	RIM ALEX SUB 700C 32H cnc Bk or Wh
206919	RIM ALEX SUB 700C 32H disc Bk or Wh
216342	Stem JD 57

25 GATES ANTRIEB

GATES ANTRIEB

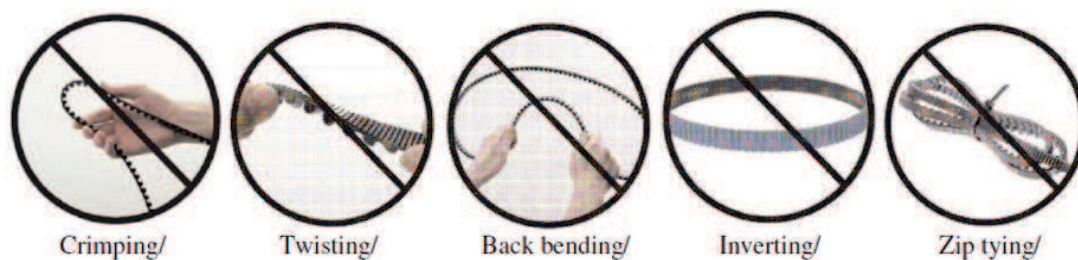
New in the collection 2012 at Venture 10 and SUB 10 Bikes is the Gates Carbon Belt Drive with long lifetime and maintenance freedom

Sales Arguments:

Lightweight, clean, efficient, quiet

Please Note

Don't do the following things if you have to change a Carbon Belt:



To avoid problems and premature abrasion it's important to have enough tension at the belt.

For further information: please see <http://manual.carbondrive.net>

SPARE PARTS IN B2B

Item	Description
224416	Gates sprocket 24T Nsize
224417	Gates belt 118T Nsize
224418	Gates chain ring 46T Nsize

26 SPORTSTER

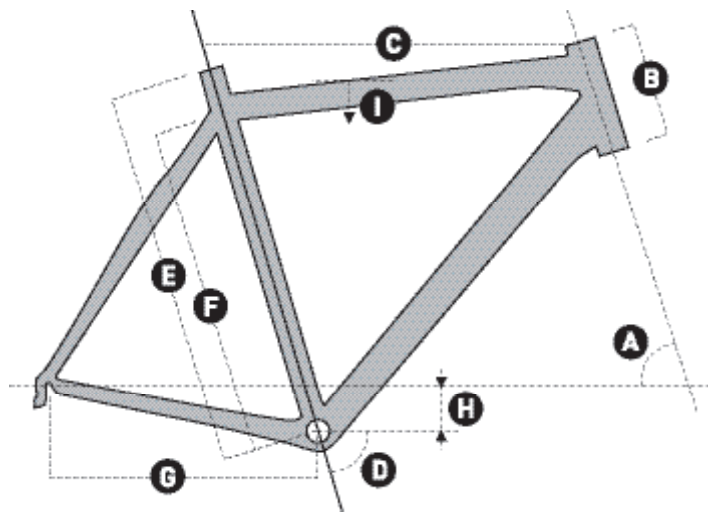
SPORTSTER



Sportster models keep in MY 2012 the same frames as in 2012, split between Men and Solution and Lady bikes

SPORTSTER

GEOMETRY/TECHNICAL DATA SPORTSTER



E-SPORTSTER MEN & SPORTSTER MEN 10 - 55

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
S	71.0	105	4.1	567	22.3	73.0	450	17.7	379	14.9	456	18	-56	-2.2	758	29.8	1068	42.1	75
M	71.5	125	4.9	577	22.7	72.5	480	18.9	409	16.1	456	18	-56	-2.2	785	30.9	1068	42.0	90
L	72.0	145	5.7	592	23.3	72.5	510	20.1	439	17.3	456	18	-56	-2.2	811	31.9	1077	42.4	100
XL	72.5	165	6.5	608	23.9	72.0	550	21.7	479	18.9	456	18	-56	-2.2	843	33.2	1081	42.6	110
XXL	72.5	185	7.3	620	24.4	72.0	590	23.2	519	20.4	456	18.0	-56	-2.2	873	34.4	-	-	-

SPORTSTER MEN 60

S	69.5	130	5.1	555	21.9	73.5	440	17.3	383	15.1	456	18.0	-60	-2.4	735	28.9	1080	42.5	80
M	70.0	135	5.3	567	22.3	73.0	480	18.9	420	16.5	456	18.0	-60	-2.4	762	30.0	1082	42.6	90
L	70.5	155	6.1	577	22.7	72.5	520	20.5	455	17.9	456	18.0	-60	-2.4	792	31.2	1082	42.6	100
XL	71.0	175	6.9	592	23.3	72.5	550	21.7	483	19.0	456	18.0	-60	-2.4	817	32.2	1093	43.0	110

SPORTSTER SOLUTION 20 - 30

S	70.5	115	4.5	550	21.7	73.5	420	16.5	320	12.6	456	18	-56	-2.2	729	28.7	1059	41.7	75
M	71.0	130	5.1	565	22.2	73.0	460	18.1	353	13.9	456	18	-56	-2.2	755	29.7	1063	41.9	90
L	71.5	155	6.1	575	22.6	72.5	500	19.7	393	15.5	456	18	-56	-2.2	792	31.2	1074	42.3	100
XL	72.0	180	7.1	590	23.2	72.5	540	21.3	434	17.1	456	18	-56	-2.2	826	32.5	-	-	100

SPORTSTER LADY 40-55

S	70.5	115	4.5	550	21.7	73.5	420	16.5	240	9.4	456	18.0	-56	-2.2	663	26.1	1059	41.7	70
M	71.0	130	5.1	565	22.2	73.0	460	18.1	240	9.4	456	18.0	-56	-2.2	668	26.3	1063	41.9	80
L	71.5	155	6.1	575	22.6	72.5	500	19.7	250	9.8	456	18.0	-56	-2.2	688	27.1	1074	42.3	90
XL	72.0	180	7.1	590	23.2	72.5	540	21.3	250	9.8	456	18.0	-56	-2.2	695	27.4	-	-	100

SPORTSTER LADY 60

S	69.5	145	5.7	550	21.7	73.5	420	16.5	240	9.4	456	18	-60	-2.4	644	25.4	1076	42.4	70
M	70.0	160	6.3	565	22.2	73.0	460	18.1	240	9.4	456	18	-60	-2.4	649	25.6	1081	42.6	80
L	70.5	185	7.3	575	22.6	72.5	500	19.7	250	9.8	456	18	-60	-2.4	668	26.3	1081	42.6	90

Headset 1 1/8" semi integr. 44.0mm cups

BB housing 68mm

Seatpost diameter 31.6mm

SPORTSTER

TECHNICAL DATA SPORTSTER

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Sportster 10	FD-T780 / 34.9	170(S); 175(M-XXL)	Ritchey Logic Zero OE (50x44)	75(S); 90(M); 100(L); 110(XL-XXL)	600	31.6/350
Sportster 20	FD-T780 / 34.9	175	Ritchey Logic Zero OE (50x44)	75(S); 90(M); 100(L); 110(XL-XXL)	600	31.6/350
Sportster 20 Solution	FD-T780 / 34.9	175	Ritchey Logic Zero OE (50x44)	75(S); 90(M); 100(L-XL)	610	31.6/350
Sportster 30	FD-M430/34.9	170(S); 175(M-XXL)	Ritchey Logic Zero OE (50x44)	75(S); 90(M); 100(L); 110(XL-XXL)	600	31.6/350
Sportster 30 Solution	FD-M430/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	75 (S), 90 (M), 100 (L-XL)	610	31.6/350
Sportster 40 Men	FD-M430/34.9	170(S); 175(M-XXL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL-XXL)	600	31.6/350
Sportster 40 Lady	FD-M430/34.9	170(S); 175(M-L)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L), 100 (XL)	610	31.6/350
Sportster 55 Men	FD-M191/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350
Sportster 55 Lady	FD-M191/34.9	170(S); 175(M-L)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350
Sportster 50 Men	FD-M191/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L), 100 (XL)	600	31.6/350
Sportster 50 Lady	FD-M191/34.9	170(S); 175(M-L)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350
Sportster 60 Men	FD-TX51/34.9	170(S); 175(M-XL)	Ritchey Logic Zero OE (50x44)	80 (S), 90 (M), 100 (L), 110 (XL)	600	31.6/350
Sportster 60 Lady	FD-TX51/34.9	170(S); 175(M-L)	Ritchey Logic Zero OE (50x44)	70 (S), 80 (M), 90 (L)	610	31.6/350

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Sportster 10	292/293	293/292	NONE	NONE
Sportster 20	292/293	293/292	NONE	NONE
Sportster 20 Solution	292/293	293/292	NONE	NONE
Sportster 30	292/293	293/292	NONE	NONE
Sportster 30 Solution	292/293	293/292	NONE	NONE
Sportster 40 Men	296	295/294	NONE	NONE
Sportster 40 Lady	296	295/294	NONE	NONE
Sportster 55 Men	293/294	294/293	NONE	NONE
Sportster 55 Lady	293/294	294/293	NONE	NONE
Sportster 50 Men	297	296/295	NONE	NONE
Sportster 50 Lady	297	296/295	NONE	NONE
Sportster 60 Men	297	296/295	NONE	NONE
Sportster 60 Lady	297	296/295	NONE	NONE

SPORTSTER

SPECIAL PARTS SPORTSTER

Item	Description
216344	Bar JD 11.2
216345	Bar JD 16.2
206375	Dropout+Screw all MTB since'97 5-PAK
216000	Fender Set 700C
219364	Fork Suntour NCX-D RL-A 63mm black
201016	Fork Suntour NEX 4110 700C
223085	Fork Suntour NEX 4610 V4 63mm black
223085	Fork Suntour NEX 4610 V4 63mm white
223150	Frame Sportster 10 2012
223152	Frame Sportster 40 Lady 2012
223151	Frame Sportster Solution 20 2012
216892	Rear Rack Scott Urban 700C
216342	Stem JD 57



27 URBAN KIT

URBAN KIT

For MY 2010 Scott developed a new Urban Kit with fender and carrier that will match with SUB and Sportster bikes and can be assembled within a few minutes in contrary to regular parts kits which need a long assembly time.

All frames have the mounting/fixing ports for the fenders at the same position to have a perfect fit for those parts.

Maximum load for this carrier system is 10 kgs.

Please note that this fender/carrier system will NOT fit to SUB or Sportster bikes of MY 09 or older.

Following parts are available:



FENDER SET 700C

Item #	216000 (image above)
Features	Comes with stays and fitting hardware to fit all SUB and Sportster from MY. 2010. Super strong Alloy double wall center profile. PA6 glass fiber reinforced Nylon stays. 5 colour options available

UC CLIP ON LIGHT KIT

Item #	218855
Material	Polycarbonate upper body, Polyacetol lower body
Features	Position light front white / rear red. Screw-on upper body as anti theft feature / Burn time up to 80h constant / 100h flash mode / Including 2 3V CR2032 lithium batteries



transparent



URBAN KIT

KICKSTANDS

Item #	210210
Features	Easy adjustment Fits all Scott 26"/28" or 700 C bikes Alloy / Steel constr.



Item #	223391
Features	Aluminium kickstand ; dedicated shape for Scott SUB, Venture and Sportster chainstay shape Hidden once folded along the frame tube. Easy pulling thanks to dedicated rubber extension

REAR RACK SCOTT URBAN

Item #	216892
Features	Fiting hardware included to fit Urban Fender Set (216000). Super strong PA6 glass fiber reinforced Nylon material. Nylon fixation straps
Attention !	NOT COMPATIBLE WITH Scott MTX-1 Rack Bag or Scott MTX basket!



Item #	223392
Features	• Can only be assembled with Fender kit (216000) • Super strong PA6 glass fiber reinforced Nylon material • Easy assembly and fitting on Scott SUB, Vemture and Sportster bikes from MY2010 • 20 Kg maximum load • Slot for Scott U-Lock (223378)



URBAN KIT

MTX SYSTEM

REAR RACK SCOTT MTX 700C

Item #	216893
Features	Fitting hardware included to fit Urban Fender Set (216000). Super strong alloy construction Rubber fixation straps Topeak QuickTrack™ system. Upgrade it with Scott MTX basket, Scott MTX-1 rack bag or all Topeak MTX accessories.



SCOTT MTX BASKET

Item #	216895
Features	Slide, click and go... Topeak QuickTrack™ system. Wire basket. Compatible to Scott MTX rear rack (216893) or Topeak MTX QuickTrack™ racks. Capacity 16l
Attention !	NOT COMPATIBLE WITH Rear Rack Scott Urban (216892)



SCOTT MTX RACK BAG

Item #	216894
Features	Slide, click and go... Topeak QuickTrack™ system Compatible to Scott MTX rear rack (216893) or Topeak MTX QuickTrack™ racks. Capacity 8l. Molded side panels are light, stiff and weather resistant. Divided main compartments keeps contents organized. Two mesh side compartments provide extra capacity. Carrying handle and shoulder strap for off-bike use. 3MTM Reflective strip for increased night.
Attention !	NOT COMPATIBLE WITH Rear Rack Scott Urban (216892)

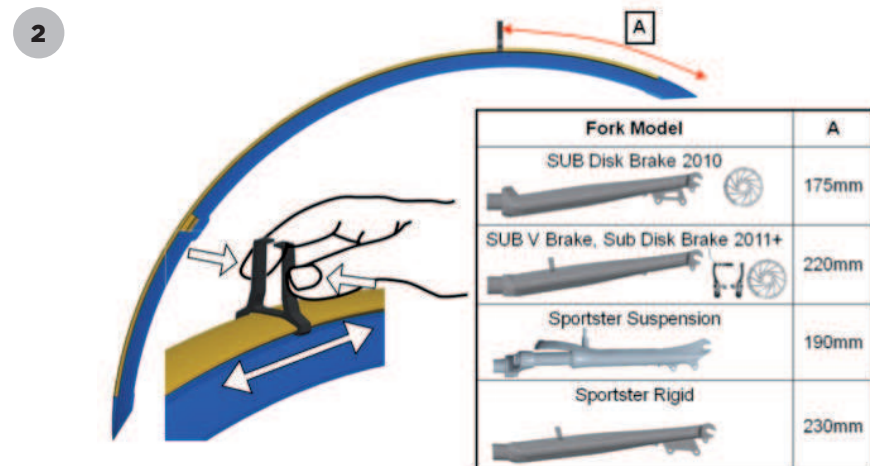


The assembly of the fenders and carriers can be done within a few minutes following the steps as shown below

1

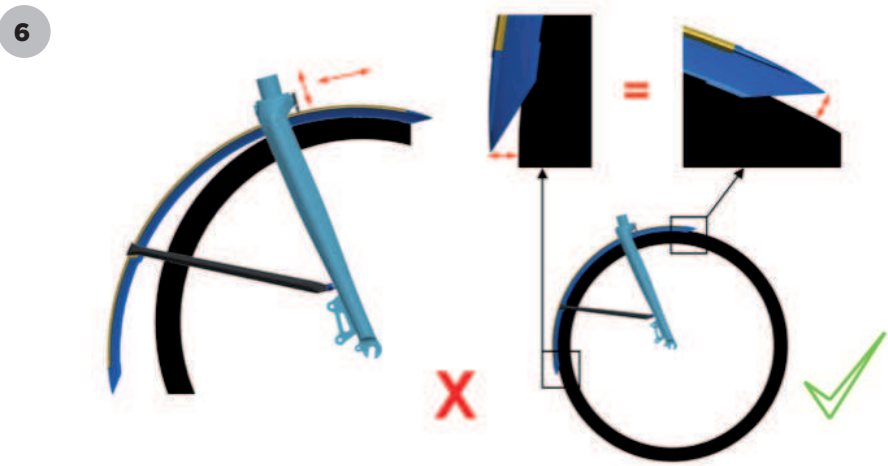
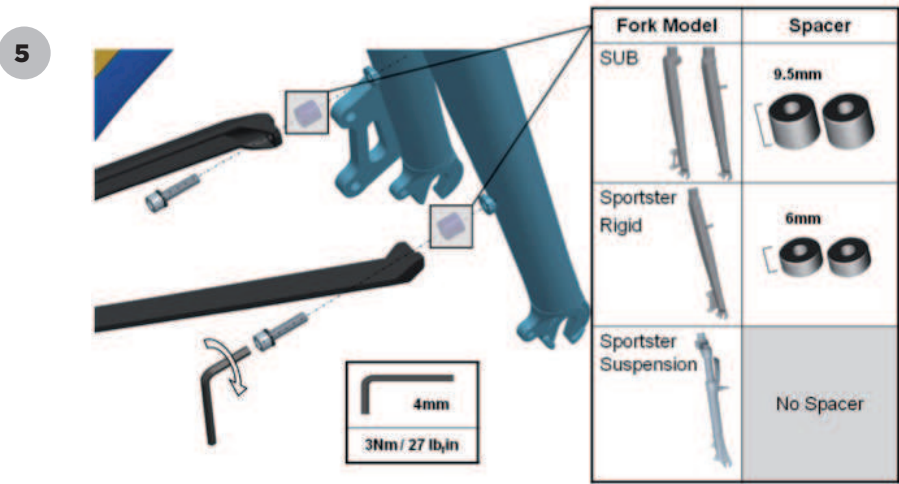
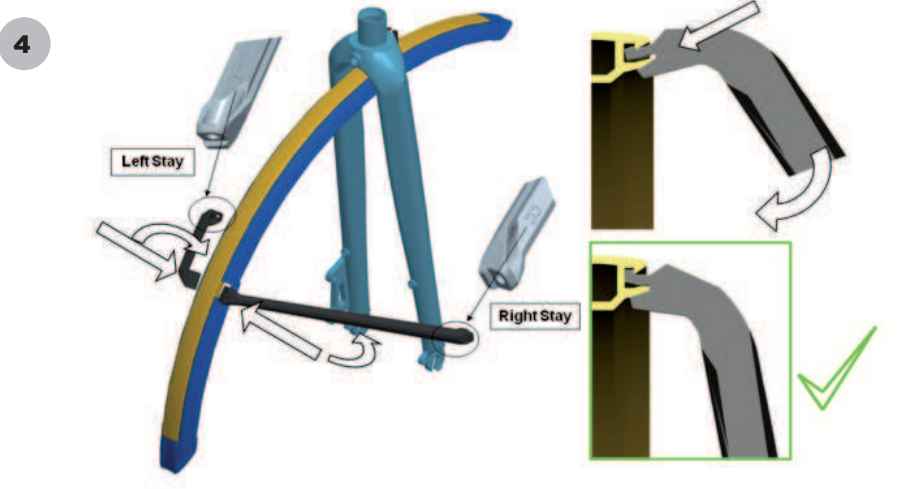
Left Stay

Right Stay



URBAN KIT

FRONT FENDER ASSEMBLY



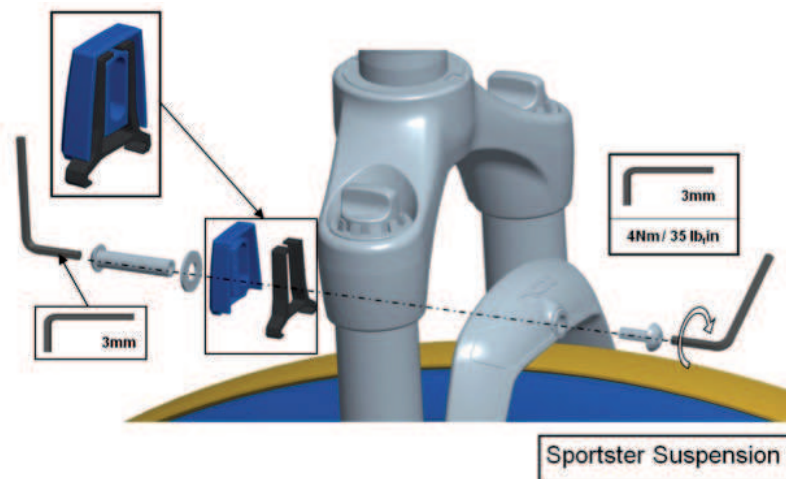
URBAN KIT

FRONT FENDER ASSEMBLY

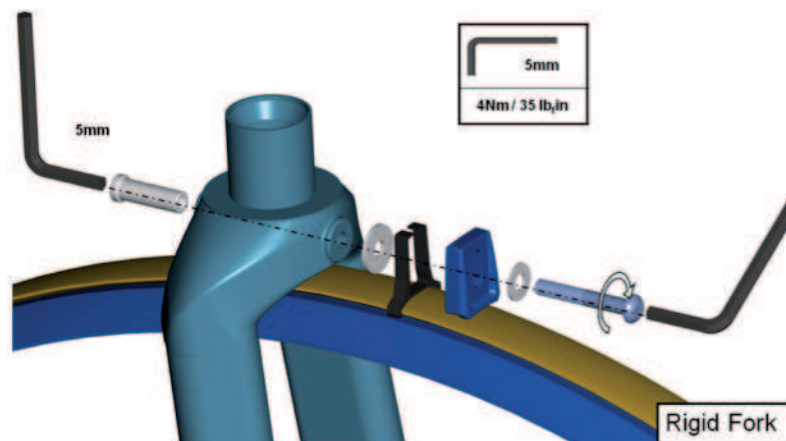
7

Sportster Suspension						Fork	
Rigid Fork						Fork	

8

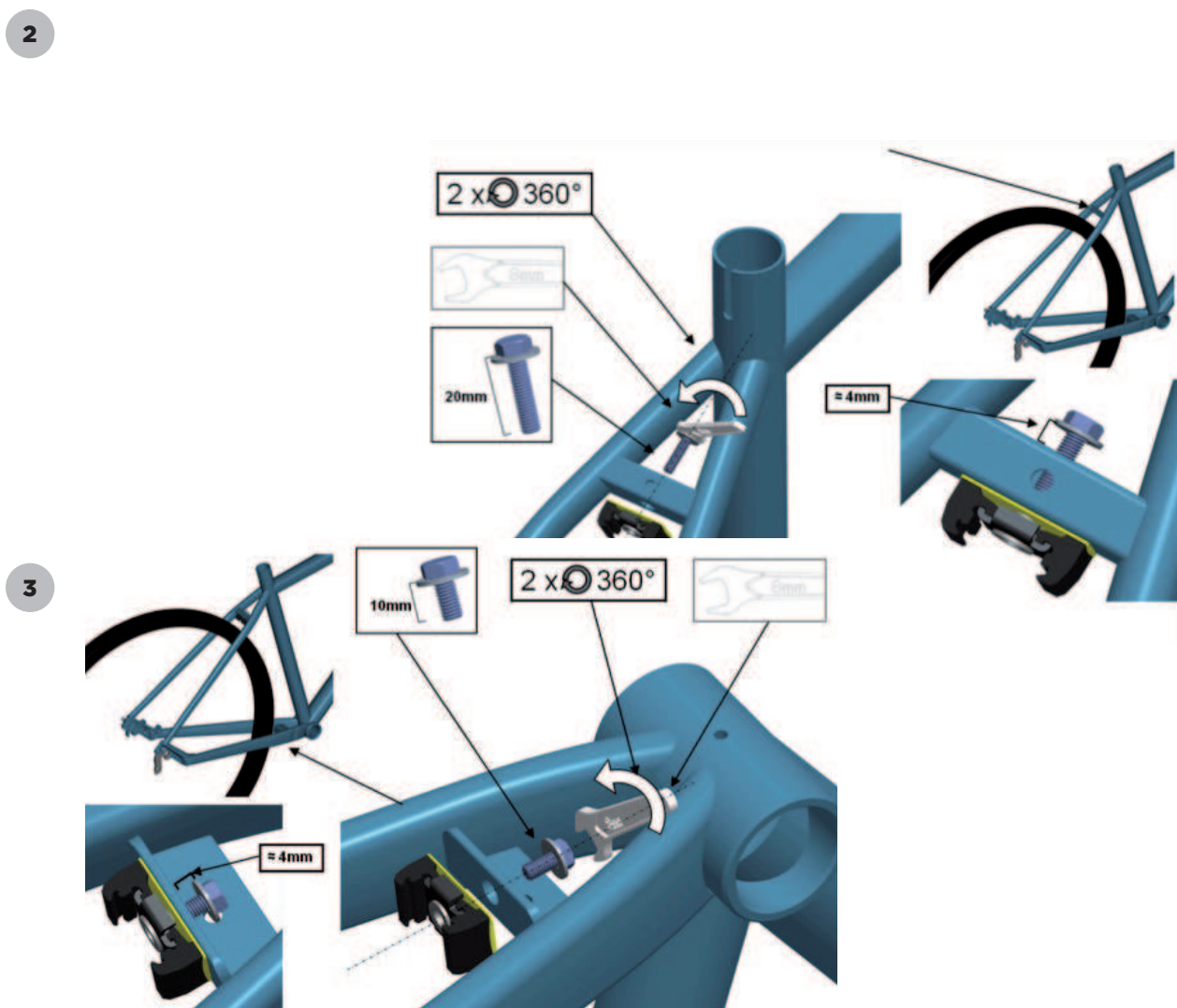


9



URBAN KIT

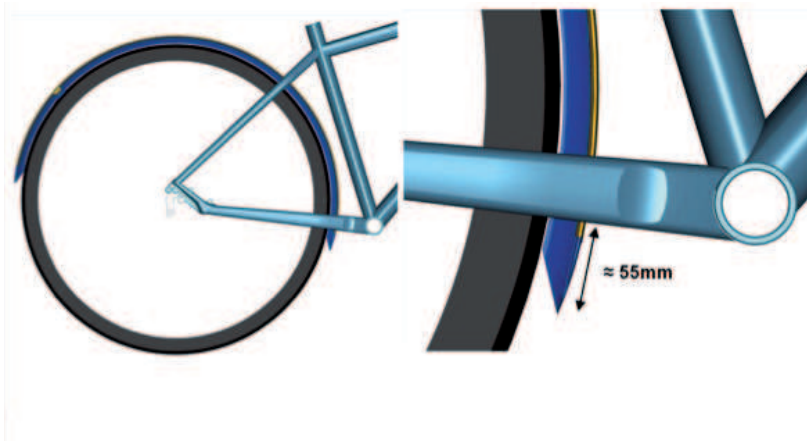
REAR FENDER / REAR RACK ASSEMBLY



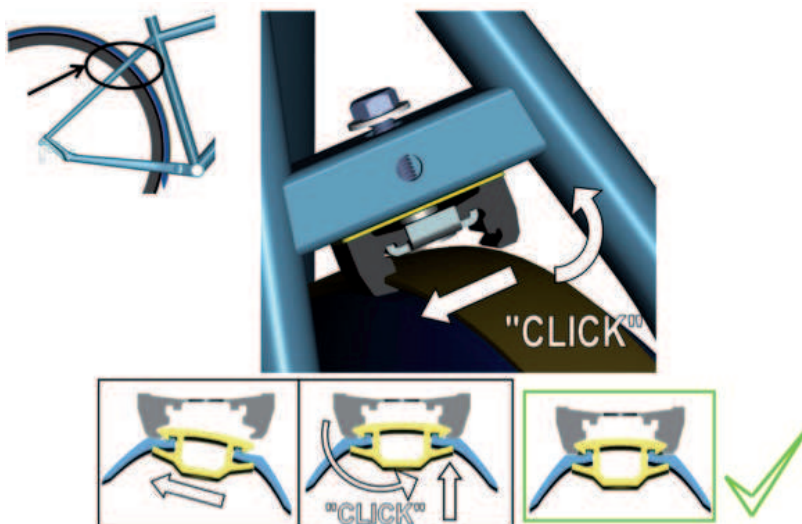
URBAN KIT

REAR FENDER / REAR RACK ASSEMBLY

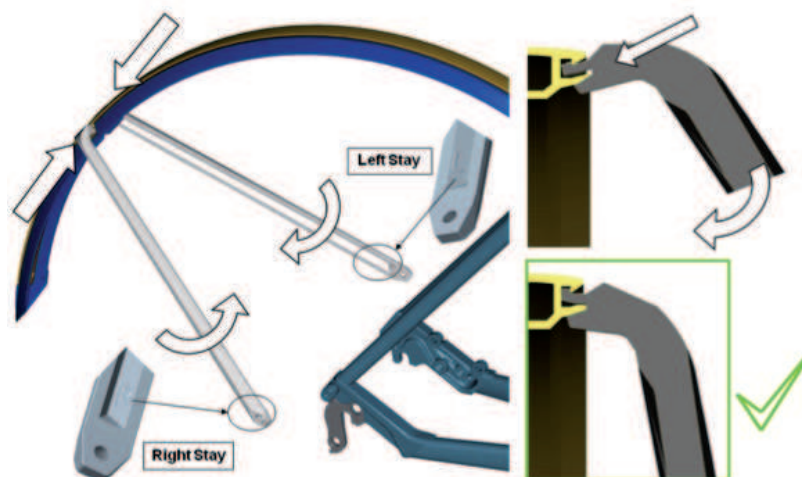
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5



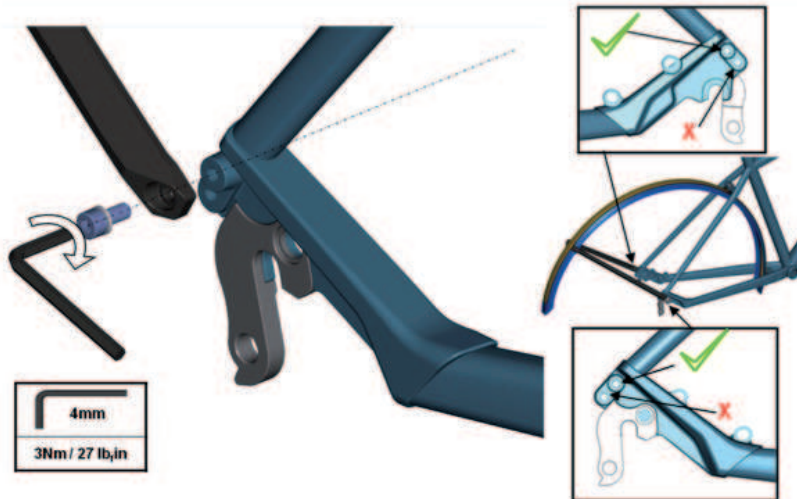
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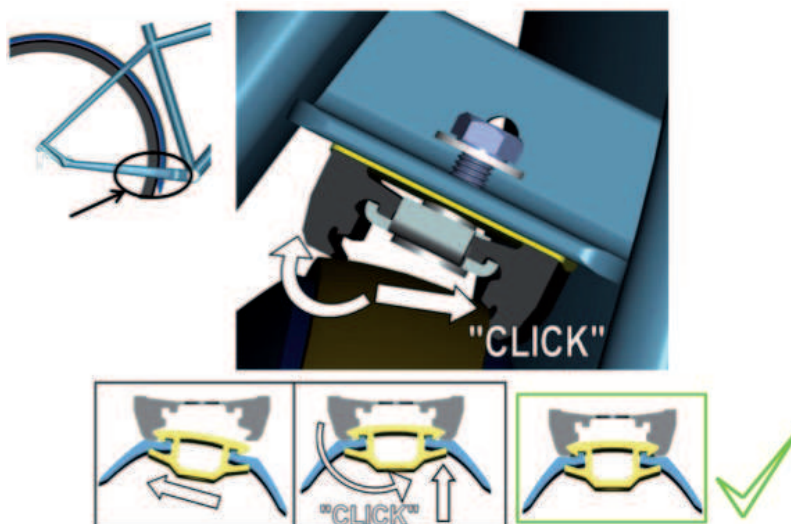
URBAN KIT

REAR FENDER / REAR RACK ASSEMBLY

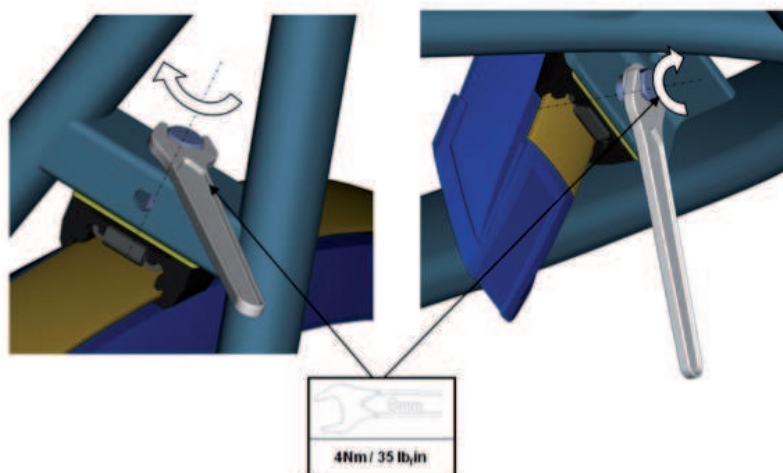
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8



9

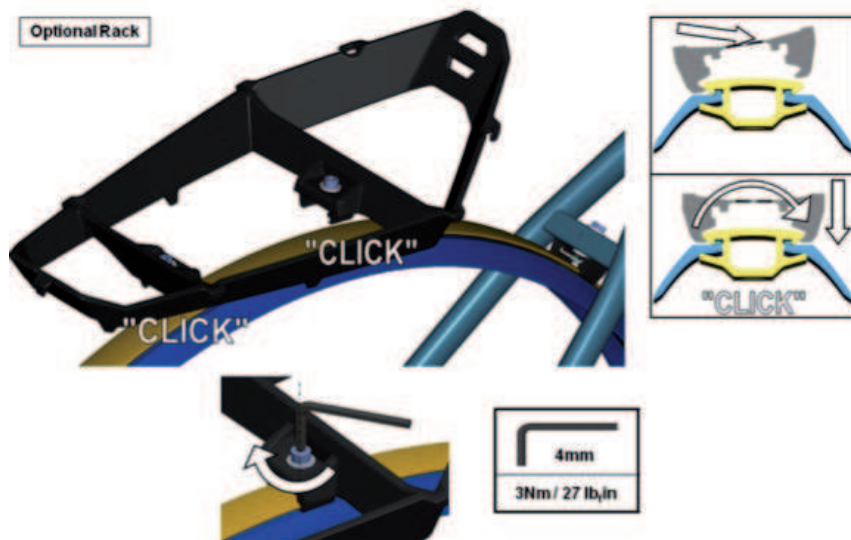


URBAN KIT

REAR FENDER / REAR RACK ASSEMBLY

10

Optional Rack



For after sales service of distributors a small parts box containing all parts of this system will be available upon special request at Patrick Bochud and Holger Klintner with article number.

URBAN KIT

REAR FENDER / REAR RACK 2.0 ASSEMBLY

Left Stay

Right Stay

Optional

View of the rear rack assembled on the back wheel

Scott Rear fender to be assembled first (not included)

Scott U-lock (Optional)

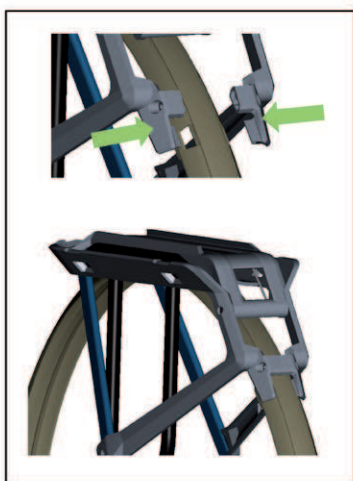
The rack is pre-assembled, which means that we have to list the following spare parts only :



BOM	
	 1x
	 2x
	 2x

URBAN KIT

1. Removing stays from existing fender kit
2. Engage first one side of the rack, then the 2nd



URBAN KIT

5. Same «click» process on the front side of the rack



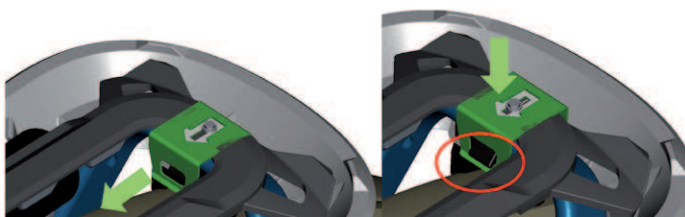
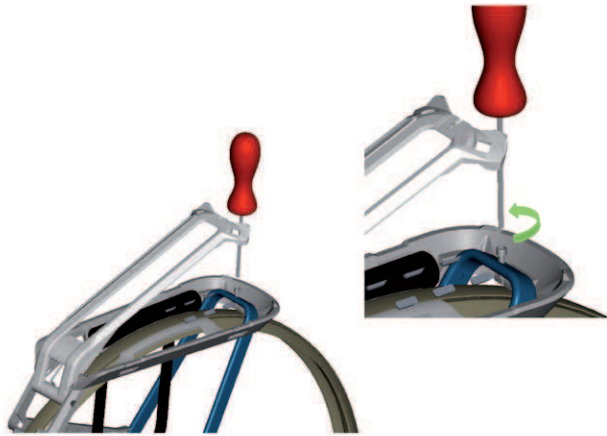
6. Tightening the rack clip on the fender



Access to the dedicated
SCREW



URBAN KIT



URBAN KIT

7. Placing the rack stays on frame dropouts,
Adding spacers to avoid the stays to touch the frame welding
Then tightening screws



8. Checking if the fender is on line with tire ; if not re-adjusting thanks to dropout screws

Picture from the rear of the bike of
the assembled rack with fender
and rear tire



28 OTG

OTG

New Bikes in the Collection 2012 two models

Following Models available



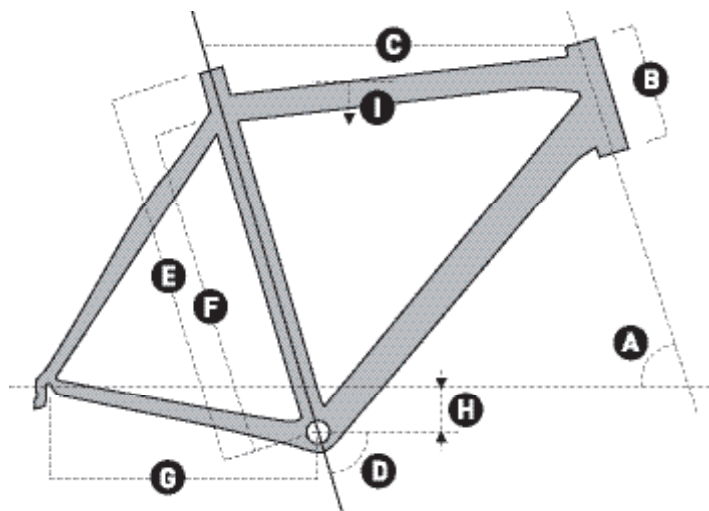
OTG 10



OTG 20

OTG

GEOMETRY/TECHNICAL DATA OTG



OTG 10

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
S	72	100	3.9	545	21.5	74.0	520	20.5	480	18.9	420	16.5	-58	-2.3	818	32.2	1008	39.7	90
M	72	130	5.1	558	22.0	74.0	560	22.0	520	20.5	420	16.5	-58	-2.3	845	33.3	1022	40.2	90
L	72	150	5.9	560	22.1	74.0	580	22.8	540	21.3	420	16.5	-58	-2.3	875	34.4	1026	40.4	90

OTG 20

Size	A	B		C		D	E		F		G		H		I		wheel base		Stem length
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
S	72	100	3.9	545	21.5	74.0	520	20.5	480	18.9	420	16.5	-58	-2.3	821	32.3	1009	39.7	90
M	72	130	5.1	558	22.0	74.0	560	22.0	520	20.5	420	16.5	-58	-2.3	852	33.5	1023	40.3	90
L	72	150	5.9	560	22.1	74.0	580	22.8	540	21.3	420	16.5	-58	-2.3	880	34.6	1026	40.4	90

SPECIAL PARTS OTG

Item	Description
223159-006	Frameset OTG 10 2012 S
223159-007	Frameset OTG 10 2012 M
223159-008	Frameset OTG 10 2012 L
223106-222	Fork OTG 10 2012 1size

29 CYCLOCROSS

CYCLOCROSS

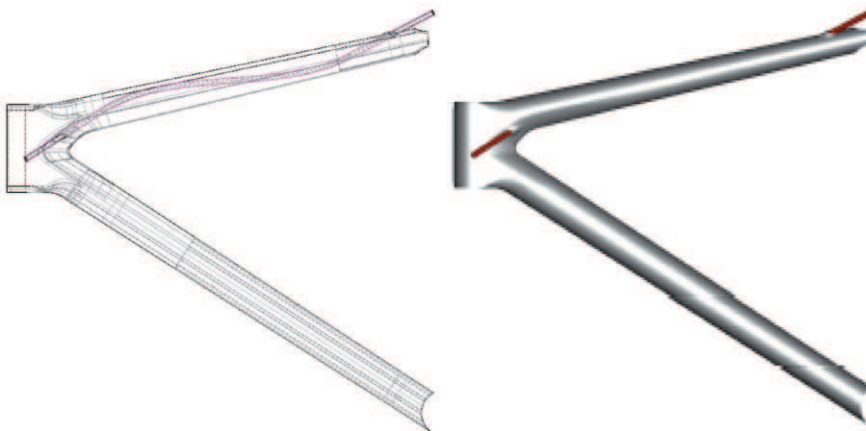
Cyclocross addict cx shows in 2012 an internal brake cable routing of the rear brake inside the toptube.

Geometry and other features remain unchanged.

The alloy frames got a change from 7005 to 6061 alloy and some new tube-shapes as e.G. Most visible in the chainstay section.

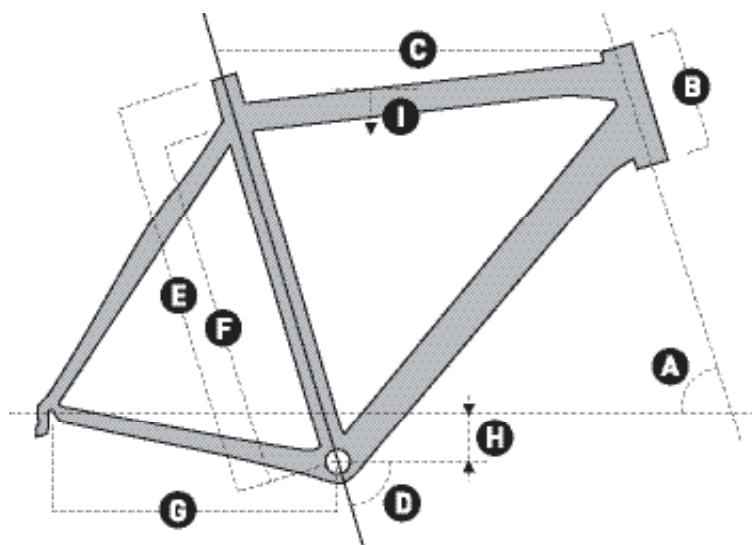


With this cable routing the frame is easier to carry on the shoulder and the brake cable needs less maintenance.



CYCLOCROSS

GEOMETRY/TECHNICAL DATA CYCLOCROSS



Size	A	B		C		D	E		F		G		H		I	
	head angle °	mm	inches	mm	inches	°	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
XS/49	70.0	105	4.1	515	20.3	74.5	490	19.3	447	17.6	422	16.6	-65	-2.6	748	29.4
S/52	70.0	120	4.7	525	20.7	74.0	520	20.5	463	18.2	422	16.6	-65	-2.6	763	30.1
M/54	71.0	140	5.5	545	21.5	73.5	540	21.3	486	19.1	422	16.6	-68	-2.7	783	30.8
L/56	71.0	160	6.3	555	21.9	73.0	560	22.0	508	20.0	422	16.6	-68	-2.7	803	31.6
XL/58	71.0	180	7.1	570	22.4	73.0	580	22.8	522	20.6	422	16.6	-68	-2.7	820	32.3

Headset	1 1/8" semi-integrated ahd, 44.0mm cups
BB housing	68mm
FD-fixation	brazed on type
Fork length/rake	400mm/45mm
Seatpost diameter	31.6mm

CYCLOCROSS

TECHNICAL DATA CYCLOCROSS

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec/ dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Addict CX	FD6700 BRAZED ON	170(49); 172.5(52-56); 175(58)	PRO 1" DROP IN W/ OUTER 38MM W/ IN 27.15MM A6061 CROWN 26.4	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	31.6
CX Team	FD6700 BRAZED ON	170(49); 172.5(52-56); 175(58)	NO.9M/CUP/TH-CX 28.6-44-30 H=21.6	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	31.6 / 300
CX Comp	FD-4500 BRAZED ON	170(49); 172.5(52-56); 175(58)	NO.11N-CX 28.6-44-30 H=23.4	100(49-52);110(54-56); 120(58)	400(49);420(52-58)	31.6 / 300

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Addict CX	275	294/295.5	NONE	NONE
CX Team	R1800 F 24H WHEELSET	R1800 F 24H WHEELSET	NONE	NONE
CX Comp	287	287/285	NONE	NONE

SPECIAL PARTS CYCLOCROSS

Item	Description
208362	Antichainsuck clamp 34.9
206472	Dropout Scott Addict / CR1 10'
206376	Dropout+Screw AFD 98->02 2-PAK
223129	Fork Addict CX 2012 1size
223131	Fork CX Comp 2012 1size
223130	Fork CX Team 2012 1size
212719	Headset TH-09 CX Semi Int.
216307	Headset TH-09 CX semi integ. W barrel ad
223267	Rim Alex Race 28 28H black
223268	Rim Alex Race 28 32H black

30 KIDS BIKES

KIDS BIKES

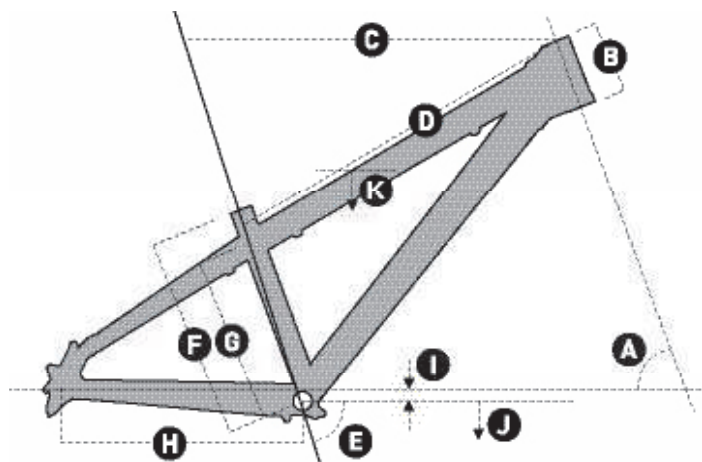


Beside the special parts for kids bikes mentioned below we also can support you with small parts from our office at Scott EU.

For parts like e.g. the bar/stem protector, chaincases etc. please contact
EU.QM@scott-sports.com

KIDS BIKES

GEOMETRY/TECHNICAL DATA KIDS BIKES



VOLTAGE JR TMO FRAME D 24"

Size	A	B		C		D		E	F		G		H		I	
	head angle °	head tube mm	head tube inches	top tube horizontal mm	top tube horizontal inches	top tube actual mm	top tube actual inches	seat angle °	BB center to top of seat tube mm	BB center to top of seat tube inches	BB center to top tube center mm	BB center to top tube center inches	chainstay mm	chainstay inches	BB offset mm	BB offset inches
one size	69.5	110	4.3	584	23.0	563	22.2	70.3	260	10.2	215	8.5	360	14.2	-5	-0.2

Size	J		K		L		Stem length mm
	BB height mm	BB height inches	standover height mm	standover height inches	wheel base mm	wheel base inches	
one size	305	12.0	690	27.2	999	39.3	40

KIDS BIKES

TECHNICAL DATA KIDS BIKES

Bike Name	Front Derailleur spec / diameter	Crankarm Length in mm	Headset spec / dimension	Stem Length in mm	Bar Width in mm	Seatpost diam. / length in mm
Volt-X 10	NONE	175	28.6	48	690	25.4/200
Volt-X 20	NONE	175	28.6	48	690	25.4/220
Volt-X 30	NONE	175	28.6	48	690	25.4/230
Volt-X 40	NONE	160	28.6	48	605	25.4/230
Speedster JR 24	31.8	145	28.6	60	370	27.2/250
Spark JR 24	AFDM190M6	152	28.6	60	560	26.8/300
Spark JR 20	AFDM190M6	140	28.6	60	540	26.8/300
Scale RC JR	AFDM190M6	165	28.6	90	620	26.8/350
Scale JR 24	AFDM190M6	152	28.6	75	540	26.8/300
Scale JR 20	AFDM190M6	140	28.6	75	540	26.8/300
Voltage JR 24 Disc	AFDM190M6	152	28.6	60	600	26.8/300
Voltage JR 24 V-Brake	AFDM190M6	152	28.6	60	560	26.8/300
Voltage JR 20	NONE	140	28.6	60	540	26.8/250
Voltage JR 16	NONE	CW-102	21.1 x 32.5 x 26.5	TBD	520	26.8/200
Voltage JR 12	NONE	CW-S	21.1 x 32.5 x 26.5	TBD	460	22.2/200
Voltage Walker	NONE	NONE	22.2 x 30 x 26.4	TBD	400	22.2/200
Contessa Scale JR	AFDM190M6	152	28.6	75	540	26.8/300
Contessa JR 24	AFDM190M6	152	28.6	60	560	26.8/300
Contessa JR 20	NONE	140	28.6	60	540	26.8/200
Contessa JR 16	NONE	CW-102	21.1 x 32.5 x 26.5	TBD	520	26.8/200
Contessa JR 12	NONE	CW-S	21.1 x 32.5 x 26.5	TBD	460	26.8/200
Contessa Walker	NONE	NONE	22.2 x 30 x 26.4	TBD	400	22.2/200
Contessa JR 12	NONE	3-1/2"	21.1	-	460	26.8/200

Bike Name	Front spoke length in mm	Rear spoke length in mm	Shock (E2E)	Hardware Shock
Volt-X 10	187	177	NONE	NONE
Volt-X 20	188	184	NONE	NONE
Volt-X 30	186	184	NONE	NONE
Volt-X 40	186	186	NONE	NONE
Speedster JR 24	TBD	TBD	NONE	NONE
Spark JR 24	241	238/240	F: 8 x 24 R: 8 x 37	M8 x 32 M8 x 52
Spark JR 20	190	188/190	F: 8 x 24 R: 8 x 37	M8 x 32 M8 x 52
Scale RC JR	TBD	TBD	NONE	NONE
Scale JR 24	241	238/240	NONE	NONE
Scale JR 20	190	188/190	NONE	NONE
Voltage JR 24 Disc	236/238	236/238	NONE	NONE
Voltage JR 24 V-Brake	240	237/239	NONE	NONE
Voltage JR 20	190	188/190	NONE	NONE
Voltage JR 16	TBD	132	NONE	NONE
Voltage JR 12	88	81	NONE	NONE
Voltage Walker	77	77	NONE	NONE
Contessa Scale JR	241	238/240	NONE	NONE
Contessa JR 24	240	237/239	NONE	NONE
Contessa JR 20	190	188/190	NONE	NONE
Contessa JR 16	TBD	132	NONE	NONE
Contessa JR 12	88	81	NONE	NONE
Contessa Walker	77	77	NONE	NONE



KIDS BIKES

SPECIAL PARTS KIDS BIKES

Item	Description
210325	Air Shock Spark RC JR
200727	Crankset Lasco double
216349	Crank & Lasco single 36T 140mm
200730	Crankset FSA Alpha Dr.3
219524	Crankset Samox BFC-1121 Cr-Mo 2pc 28T one size
216314	Crankset Samox Cr-Mo 2 pc 28T incl. BB
223089	Fork RST Capa 20 black
223088	Fork RST Capa 24 white
223136	Fork Voltage JR 24 Tmo 2012 1size
223137	Fork Voltage YZ 0.2 2012 1size
223254	Frame JR Scale RC 24 2012 24"
223255	Frame JR Tmo Voltage 24 2012 24"
223257	Frameset JR Spark 20 2012 20"
223256	Frameset JR Spark 24 2012 24"
223258	Frameset Speedster JR 24 2012 24"
223264	Rim Alex Speedster JR 24 black
223269	Tire Kenda Speedster JR 24 black
1518324240000	Pedal VP-560 Kids BMX Syle
1518324230000	Pedal VP-570 Kids Medium Size BMX
1518324220000	Pedal VP-580 Radical 160 1/2
216325	Rim Alex C-1000 32H
216323	Rim Alex SCE 20 20H
216324	Rim Alex SCE 20 24H
223280	Saddle Contessa JR 20 2012 multi color
223281	Saddle Contessa JR 24 2012 multi color
223278	Saddle Contessa JR12 2012 multi color
223279	Saddle Contessa JR16 2012 multi color
223277	Saddle Scale JR 20+24 2012 multi color
223273	Saddle Voltage JR 12 2012 multi color
223274	Saddle Voltage JR 16 2012 multi color
223275	Saddle Voltage JR 20 2012 multi color
223276	Saddle Voltage JR 24 2012 multi color
223271	Tire Kenda K-832 XC Type 20 x 2.0 black
223270	Tire Kenda K-832 XC Type 24x1.95 black
223272	Tire Kenda K-841 Kontakt 12 x 2.25 black

KIDS BIKES

SPECIAL PARTS KIDS BIKES

Item	Description
200638	Shock DNM DV6 125mm
200504	Tire Scott Voltage 24x2.0 W 27TPI
1518402180000	Wheels Training for Fox 160
1518403010000	Wheels Training for Radical 120 black
219515	Axle Pegs Set Volt-X one size
219521	Crankset Samox BFC-21S incl. Euro BB one size
219522	Crankset Samox BFC-21S incl. US BB one size
219523	Crankset Samox CW-160 incl. US BB one size
223132	Fork Volt-X 10 1size
223133	Fork Volt-X 20 1size
223134	Fork Volt-X 30 1size
223135	Fork Volt-X 40 1size
223138	Frameset Volt-X 10 2012 1size
223139	Frameset Volt-X 30 2012 1size
219516	Freewheel Cog Lida LMA-0 14T one size
219511	Headset Rotor set Volt-X one size
219510	Headset Volt-X 10 one size
219517	Hub Rear Joy Tech F036DSE-14-9T one size
219525	Pedal Wellgo B107.P clear white one size
219531	Rim Alex DM 24 36H white
219532	Rim Alex DM 24 48H white
219545	Saddle Voltage Pivot.Atm.dir.mount clear/white
219551	Seatpost Volt-X pivotal 25.4 one size
219554	Stem Volt-X black

31 DISK BRAKE MAXIMUM ROTOR SIZE PER MODEL/ LINE

DISC BRAKE MAXIMUM ROTOR SIZES

Please find below a chart showing the maximum disc brake rotor size on the rear wheel.

Please kindly note that for the front fork the maximum rotor size needs to be checked individually in the manual of the related fork manufacturer.

Nitrous	203
Gambler	203
Aspect	185
Scale alloy + 29"	185
Scale carbon	185
New Scale carbon + 29"	160 (Postmount: could be ok until 185mm but with a washer which is not delivered with the bike).
New Scale alloy + 29"	160 (Postmount: could be ok until 185mm but with a washer which is not delivered with the bike).
Spark/Spark 2	185
Genius MC	185
Genius RC	160
Genius alloy	185
Genius carbon	185
Genius LT	203 (Postmount: with a washer, maybe not always delivered with the bike)
Voltage A frame	185
Voltage B frame	185
Voltage C frame	185
Voltage D frame	185
Voltage FR	203

32 SCOTT SHORT NAMES

SCOTT SHORT NAMES

IMP

Integrated (Carbon) Molding Process: Toptube, headtube and downtube are made in one piece for increased strength and stiffness while saving 11% of material of a conventional tube-to-tube design frame.

Introduced to the market in MY 2007.

The number behind the IMP logo (e.g. 4) shows the number of tubes connected on this frame in this technology

CR1 (2005-2009)

Frames made in tube-to-tube process. Scott's well-known technique to bond tubes to each other without lugs,

Since MY 2010 the CR1 road bike is made from IMP3 but kept the name of CR1 as a well-known name

NET

Naked External Tubeset: no cosmetic layers on top of the surface to reduce weight

SLS KINEMATICS

Scott Linkage System: maximizes pedalling efficiency for any travel/geometry and gear selection

ILS KINEMATICS

Intelligent Linkage System: features a virtual pivot point which offers automatically the optimal pivot position.

SDS

Shock Damping System: Frames/tubes made laterally stiff but still vertical flexible to absorb small shocks from the ground by a 3-D lay-up system

SCDS

Scott Carbon Dropout System: dropouts made completely from carbon, lighter, more durable and stronger than dropouts made from alloy

IDS

Interchangeable Dropout System: dropouts we use on Voltage, Gambler, Ransom, Nitrous and High Octane in 4 different options for perfect stiffness and shifting performance

IDS2

Interchangeable Dropout System 2: new dropouts we use on Genius LT in 3 different options for perfect stiffness and shifting performance in combination with DT Swiss RWS QRs

V-DROP OUT

3D forged dropout on Scale alloy frames for highest stiffness combined with minimum weight

EVO DROP OUT

Forged dropout used on Sportster and SUB with integrated fixations for fender, carrier and Kickstand & disc brake (on left side)

BOX CHAINSTAY BRIDGE

Hollow and lightweight bridge between the chainstays behind the BB housing on Scale alloy frames to increase stiffness at minimum weight adding

ISCG

International Standard Chain Guide was created as an industry standard to simplify the compatibility of chain guide parts with frames by offering commonly agreed mounting measurements for the fixation of chain guides on bike frames.

SCOTT SHORT NAMES

ISCG 05 TABS

International Standard Chain Guide 05 is an evolution of the ISCG and offers more adjustability and compatibility in assembly of chain guides on bike frames in comparison to the ISCG.

For more details please visit <http://www.iscg05.com/home.html>

HYDROFORMED TUBING

Tubes that are formed with high pressurized oil in a shape that will increase stiffness at same weight of regular (e.g. round) shaped tubing

OCTAGON TUBING

Tubes made with 8 edges for increased stiffness on Voltage bikes

CSM

Co-developed Suspension Module: development of shock and frame as one unit to match each other perfectly

OTS

Oil-Transfer-Shock: the main shock piston pushes the oil through the valve unit and not the valve unit is pushed through an oil reservoir

IAP

Isolated Axial Pivot: no interference between seatpost and swingarm linkage fixation on seattube, offers full range of seatpost height adjustment

SPEED SKEG

Down fin under the BB housing of Plasma 2 for improved air flow and aerodynamics of the rear wheel

TWIN-TURBO

Aeroshaped carbon chainstays on Plasma 2

MAXMUD

Maximum mud clearance on the seatstays and chainstays of Addict CX

33 CARBON FIBRE REPAIR INFO



CARBON FIBRE REPAIR INFO

In case a customer needs on a CR1 bike of MY 04-09 a new drop-out or on Scale, CR1 of MY 04-09, Spark, Addict a new BB insert by his fault and does not want to buy a new frame we can offer you the address of a company that is able to repair carbon frames with this kind of damage on its own account.

Please note that Scott cannot take direct any liability on repair works done by those companies.

Frames who suffered from impacts by crash or traffic accidents are not recommended to be used further-on or to be repaired, as invisible damages in the fibres can result later without any "pre-warning" in a crack of a tube or part of the frame.

Following companies can offer you repair jobs on carbon frames by using the original Scott parts:

MAW Mariotto Art Works

Hof 9
CH- 4917 Busswil
Switzerland

Delivery address:
MAW Mariotto Art Works
Römerweg 111
CH- 4574 Lüsslingen
Switzerland

+41 76 365 65 40
info@maworks.ch
<http://www.maworks.ch>

Véga Réalisations Composites

Laurent Pascual
113, route des Argos
74940 Annecy-le-Vieux
France

Tel : 33/04 50 09 80 50
Fax : 33/04 50 66 15 57
Mobile : 33/06 08 25 90 11
pascual@magic.fr
www.vega-realisations-composites.fr

Calfee Design

783 San Andreas Road
La Selva Beach, CA 95076
United States of America

Tel: +1 831-728-1859
repairs@calfeedesign.com
<http://www.calfeedesign.com/howtosendrepair.htm>

Ruckus Components

4629 SE 17th Portland, OR
United States of America

Tel.: +1 503 515 5218
shawn@ruckuscomponents.com
<http://www.ruckuscomponents.com>

THM-Carbones

THM Faserverbund-Technologie GmbH
Am Sportplatz 3
D-24791 Alt Duvenstedt
Germany

Tel.: +49-4338-9993-0
Fax: +49-4338-9993-11
info@thm-carbones.com
www.thm-carbon.de

Koehn/Reset - Germany/Austria

Göttinger Chaussee 12-14
D-30453 Hannover

Phone: +49 511 473204 40
Fax: +49 511 473204 49
info@reset-racing.de
www.reset-racing.de

Hillbrick Racing Frames

Unit 7, 25-31 Airs Rd
Minto
NSW
Australia
2566

02 9820 4011/0412 842 730
paul@hillbrick.com.au
www.hillbrick.com.au



CARBON FIBRE REPAIR INFO

**Please note that some of the companies have special requests regarding shipments of the frames and also preparation of the frames.
Details on this can be found in the end of this chapter.**

When in doubt, please contact them before you ship the goods to have a efficient and economic handling of the repair.

We will work on offering you more info and details on more companies that will be able to help you in your country directly.
Please feel free to offer also from your side more details to us concerning repair companies in your countries.

In case of a crash or accident it could be helpful to give a carbon frame to an expert to get a detailed report if the frame is still safe to be used or not.

In Germany the company of Dipl. Ing. Dirk Zedler is offering this kind of services and expertises.

Ingenieur-und Sachverständigenbüro Zedler

Teinacher Str. 51
71634 Ludwigsburg
Germany

+49-7141-3164 7
info@zedler.de
<http://www.zedler.de>

Please feel free to offer also from your side more details to us concerning this kind of companies/institutes in your countries.

34 ONLINE REGISTRATION OF SCOTT BIKES

ONLINE REGISTRATION OF SCOTT BIKES

Starting from January 2012 Scott customers can register their bike online on the Scott website.

News Team Index Find a dealer English

SCOTT BIKE WINTERSPORTS MOTORSPORTS RUNNING Search here

Bike registration FFG Size charts Bike manual Product catalogs Product archive Warning

Company

Bike registration



STEP 1

Contact information

First name Enter your first name *required

Last name Enter your last name *required

E-mail Enter your e-mail *required

City Enter your city *required

Phone number Enter your phone number *required

Country Choose your country *required

Gender ☒ Male ☐ Female

Birthdate / / *required

[Go to step 2](#)

DISCLAIMER

IS The information you submit is required in order for us to process your request and may be used by SCOTT Sports SA in order to send you commercial information. This information is intended for SCOTT Sports SA, which is herewith expressly authorized by you to be processed and stored electronically, as well communicated for the same purpose to divisions of the SCOTT Group. You have the right to access and correct this information by writing to SCOTT Sports SA at the following address: SCOTT Sports SA, Route du Crochet 15, 1962 Givisiez, Switzerland.

Support: Site charts, FAQ, Bike manual, Product catalogs, Product archive, Bike registration, Warning

Company: Careers, History, Contact, Sponsorship, Newsletter, Legal

Find a dealer: Enter your address...

Enter your address in city and country

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News Team Index Find a dealer English

SCOTT BIKE WINTERSPORTS MOTORSPORTS RUNNING Search here

Bike registration FFG Size charts Bike manual Product catalogs Product archive Warning

Company

Bike registration



STEP 2

Bike information

Serial number Enter your serial number *required

Spark 20 Model name matching your entered serial number

Date of purchase: / / *required

Rating: Choose your rating *required

[Go to step 3](#) [Go back to step 1](#)

DISCLAIMER

IS The information you submit is required in order for us to process your request and may be used by SCOTT Sports SA in order to send you commercial information. This information is intended for SCOTT Sports SA, which is herewith expressly authorized by you to be processed and stored electronically, as well communicated for the same purpose to divisions of the SCOTT Group. You have the right to access and correct this information by writing to SCOTT Sports SA at the following address: SCOTT Sports SA, Route du Crochet 15, 1962 Givisiez, Switzerland.

Support: Site charts, FAQ, Bike manual, Product catalogs, Product archive, Bike registration, Warning

Company: Careers, History, Contact, Sponsorship, Newsletter, Legal

Find a dealer: Enter your address...

Enter your address in city and country

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ONLINE REGISTRATION OF SCOTT BIKES

The screenshot shows the 'Bike registration' page on the Scott website, specifically 'STEP 3: Dealers feedback'. The page has a header with the Scott logo and navigation links for BIKE, WINTERSPORTS, MOTORSPORTS, and RUNNING. A search bar is located in the top right. Below the header, there's a 'Bike registration' section with a sidebar featuring two promotional images: '250 SERIES APPAREL' and 'PERFORMANCE ALL DIALED IN'. The main content area contains a 'Dealers feedback' form with fields for 'Dealer's name', 'Dealer's address', and 'Dealer's city', each with a placeholder text. Below these are two dropdown menus for 'Dealer's product and technical knowledge?' and 'Overall level of satisfaction with the store?'. A checkbox for 'I agree to the SCOTT privacy policy' is present. At the bottom of the form are two buttons: 'Register my bike' and 'Go back to step 1'. A 'DISCLAIMER' section follows, stating that the information is required for processing requests and may be used by SCOTT Sports SA. The footer includes social media icons, a 'Support' section with links to FAQs, manuals, catalogs, and registration, a 'Company' section with links to careers, history, contact, newsletter, and legal, and a 'Find a dealer' section with a search bar and a world map.

News Team Index Find a dealer English

SCOTT BIKE WINTERSPORTS MOTORSPORTS RUNNING

Bike registration FAQ Site charts Site manual Product catalogs Product archive Warranty

Company

Bike registration

STEP 3

Dealers feedback

Dealer's name Enter the dealer name here

Dealer's address Enter the dealer address here

Dealer's city Enter the dealer city here

Dealer's product and technical knowledge?

Overall level of satisfaction with the store?

☐ I agree to the SCOTT privacy policy

DISCLAIMER

M: This information you submit is required in order for us to provide your request and may be used by SCOTT Sports SA in order to send you commercial information. This information is intended for SCOTT Sports SA, which is hereby expressly authorized by you to be processed and stored electronically, as well communicated for the same purpose to divisions of the SCOTT Group. You have the right to access and correct this information by writing to SCOTT Sports SA at the following address: SCOTT Sports SA, Route du Crochet 11 1962 Givisiez, Switzerland.

Support

Site charts
FAQ
Bike manual
Product catalogs
Product archive
Bike registration
Warranty

Company

Careers
History
Contact
Newsletter
Legal

Find a dealer

Enter your address...

Enter your address in city and country

SCOTT

In case a customer cannot find anymore the receipt of purchase Scott Intl. (and its branches) can check in this database if the comments and info of the customer are true.

Beside this Scott can track back single serial numbers to the owners in case of a quality problem.

Please encourage your customers to register online but please also note that the sales validation via this system should be an exemption, in normal way the customer must be able to show his shop sales receipt.

35 WARRANTY CLAIMS OF BIKES OF MODEL YEAR 2007 OR OLDER

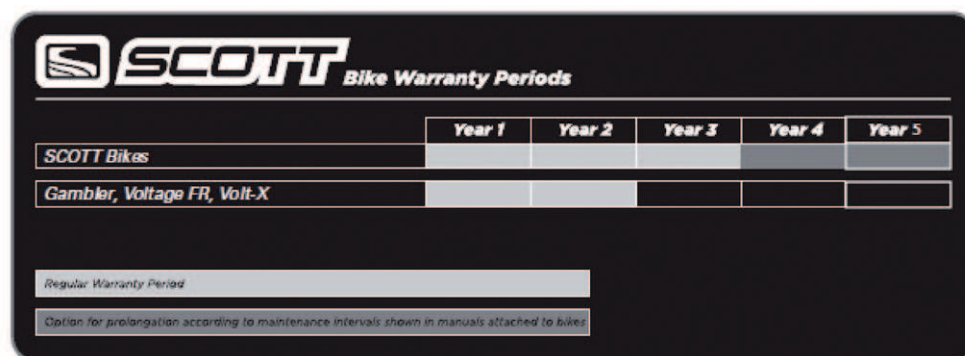
WARRANTY CLAIMS OF BIKES OF MODEL YEAR 2007 OR OLDER

Please note that we will not replace frames/bikes older than model year 2007, as the warranty period of these bikes is over, at least for one year.

In case you want to claim bikes older than model year 2007 it is obligatory to give a copy of the consumer's bill of purchase to Scott together with the claim form to Scott to verify your claim.

Without this bill of purchase of the consumer we will reject the claim.

Starting from 2007 Scott offered the 3+2 policy but Scott reserves the right to ask for proof of annual service job done in case claims of those bikes are uploaded on the Scott B2B warranty system.



The image shows a Scott Bike Warranty Periods chart. It features the Scott logo and the title 'SCOTT Bike Warranty Periods'. Below the title is a table with two rows and six columns. The first row is for 'SCOTT Bikes' and the second row is for 'Gambler, Voltage FR, Volt-X'. The columns are labeled 'Year 1', 'Year 2', 'Year 3', 'Year 4', and 'Year 5'. The 'SCOTT Bikes' row shows a warranty period of 3 years (Year 1, 2, 3) and the 'Gambler, Voltage FR, Volt-X' row shows a warranty period of 2 years (Year 1, 2). Below the table, there is a section for 'Regular Warranty Period' and a note about prolongation according to maintenance intervals.

	Year 1	Year 2	Year 3	Year 4	Year 5
SCOTT Bikes					
Gambler, Voltage FR, Volt-X					

Regular Warranty Period

Option for prolongation according to maintenance intervals shown in manuals attached to bikes

Important:

Please kindly note that Gambler, Voltage FR and Volt-X are excluded from this policy and have a warranty period of 2 years.

36 ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

3 years ago we started our B2B online warranty system for bike frames and Scott forks on our B2B page.

We did some updates and improvements, so please refer to following pages showing the new steps.

To log-in you need your customer number and the password you use also for your online orders of your company when shopping online at Scott.

Please follow step-by-step as shown on screen shots below:

Please note that without pictures it is not possible to send the claim.

Picture 1 + 2 must show the damage from different views, picture 3 the serial number of the frame (or of the swingarm part in case those parts have their own serial number) and picture 4 must show a scan or picture of the copy of bill of purchase of the customer.

In case those docs are not provided we have to reject the claim respectively the warranty system will not enable you to send the file to Scott for replacement arrangement.

The old copy-paper versions of warranty claim forms are not needed anymore and we only can accept claims provided by B2B system.

With the claim number you will receive after finalizing your claim on B2B you can check in the regular B2B system on the progress of your claim and you can see the replacement part you will receive including shipment details in the same way like on a regular order on B2B.

We hope this system will speed-up our service and facilitate communications on service and warranty as you have 24-7 access to all this data.

Important:

Please do not use this system for accessories, bike parts (e.g. swingarm repair kits etc.) or other bike parts.

For all small parts mentioned above pls keep the "old" claim process by direct e-mail to the persons in charge of you at Scott.

In addition we created the same system of warranty procedure also for bike shoes, helmets and body protection.

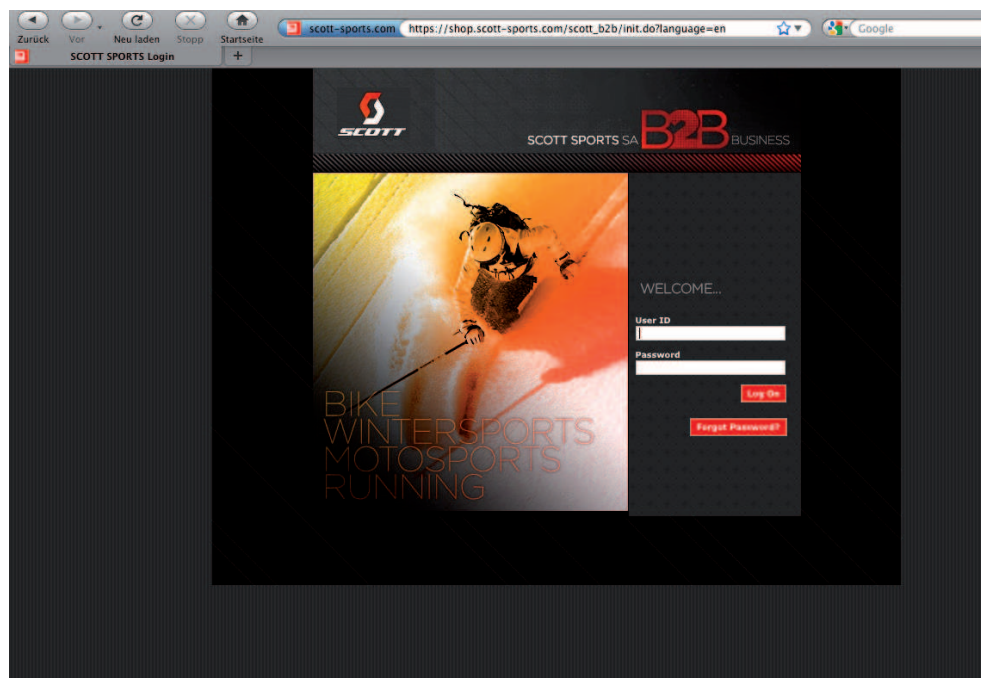
Pls follow the system here as well in the same way, just click the related product group to start with as shown on following screenshot and enter the requested data respectively upload the requested pictures accordingly.



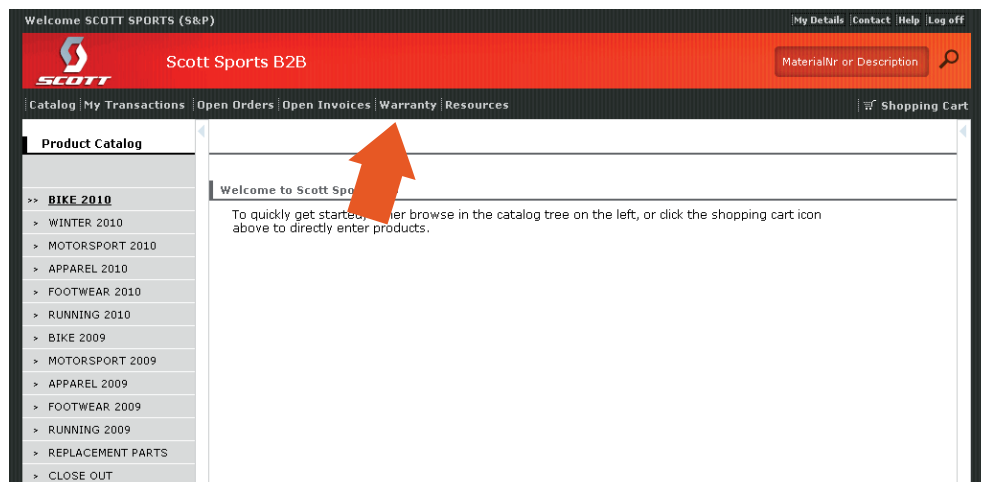
ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

BIKE FRAMES

1. Please visit <https://shop.scott-sports.com/index.html> and follow then the steps as shown on the following screenshots:



2. After the successful login to the SCOTT SPORTS B2B Website you can reach the form to enter your warranty request by the link in the main navigation on the top.



ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

3. Then the following form where you are able to enter your data is opened inside of the B2B context. To add a new warranty request you have to fill all the fields. At first you have to select your bike frame or part by choosing from the drop down menus and by putting in the bike's serial number. Then you have to locate and describe the damage. In the last step you are provided with 4 upload buttons where you have to upload two pictures of the damage, one of the serial number and one of the invoice. We only accept files from the type jpg, pdf or doc and only with a maximum size of 500 KB. To send your data just click the button 'Send'.

SCOTT SPORTS - WARRANTY

1
Upload pictures

→

2
Enter infos

→

3
Create claim

→

4
Claim result

Shop Details:
Company: 134964 MURITH STEVE
Location: Rte du Crochet 17, 1762 Givisiez

Picture upload:
Please choose your product group and upload your warranty related pictures here:
Product group: BIKE
Please note that for bike warranty we only accept Frames, Seatstays and Chainstays(Swingarms)!
Picture of damage:
Picture Serial No.:
Picture of material:
Picture invoice copy:
Please think of the fact that the upload time refers directly to the size of your pictures!

SCOTT SPORTS - WARRANTY

1
Upload pictures

→

2
Enter infos

→

3
Create claim

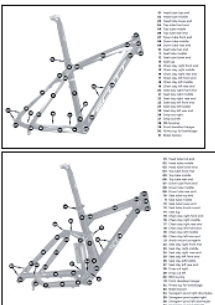
→

4
Claim result

Files have been succesfully uploaded!

Bike details
Please select the year, description and the size of the material.
Year of sales: 2010
Product description: Bike Addict R1 (20) isp/ibb
Size: S52
Serial number: STEWWEW234234

Damage details
Please select the location and type of your damage:
Damage location: Head tube middle
Damage type: broken
Comment: TEXT

Damage location help:



ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

4. After entering the data and sending it to the next screen you can check your inputs. On this screen you are able to add an alternative email where the data is also sent to. Furthermore there is an input field where you are able to add your reference. Before you are able to create the claim you have to agree to the terms by clicking the checkbox. Then the claim can be created by the Button „create claim“.

SCOTT SPORTS - WARRANTY

1
Upload pictures

→

2
Enter infos

→

3
Create claim

→

4
Claim result

Warranty claim details:
Please check your data before you create a new claim.
Year of sales: 2010
Product description: 215677 Bike Addict R1 (20) isp/ibb
Size: 021 S52
Serial number: STEWWEW234234
Damage location: 102 Head tube middle
Damage type: C broken
Comment: TEXT
Your reference:
Additional email:

Submit warranty claim:
To finalize your submission you must agree to the terms outlined bellow!
☒ The defective material needs to be destroyed so that it is not any more suitable for common use. SCOTT SPORTS (S&P) shall indemnify and hold harmless SCOTT Sports SA and/or its affiliates from and against any claims by thirds incurred by SCOTT Sports SA and/or its affiliates arising out of any defects and/or damages caused by the defective material. .
Create claim

5. From now on the data is stored in our system and will be processed by a service employee.

SCOTT SPORTS - WARRANTY

1
Upload pictures

→

2
Enter infos

→

3
Create claim

→

4
Claim result

Warranty claim details:
Claim number: 000100015541

ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

BIKE HELMETS

SCOTT SPORTS - WARRANTY

1 → 2 → 3 → 4
Upload pictures Enter infos Create claim Claim result

Shop Details:

Company: 134964 MURITH STEVE

Location: Rte du Crochet 17, 1762 Givisiez

Picture upload:

Please choose your product group and upload your warranty related pictures here:

Product group:

Picture of damage:

Picture Serial No.:

Please think of the fact that the upload time refers directly to the size of your pictures!

SCOTT SPORTS - WARRANTY

1 → 2 → 3 → 4
Upload pictures Enter infos Create claim Claim result

Files have been succesfully uploaded!

Product Details:

Please select the year, description and the size of the material.

Year of sales:

Product description:

Size:

Serial number:

Damage details

Please select the location and type of your damage:

Damage location:

Damage type:

Comment:



ONLINE WARRANTY PROGRAM FOR BIKE FRAMES, BIKE SHOES, HELMETS, BODY PROTECTION

SCOTT SPORTS - WARRANTY

1 → 2 → 3 → 4
Upload pictures Enter infos **Create claim** Claim result

Warranty claim details:

Please check your data before you create a new claim.

Year of sales: 2010
Product description: 215823 Helmet Scott Groove II
Size: 0135533 black mat/L 58-60CM
Serial number: RERT2423423
Damage location: 03 Strap
Damage type: 03 Sewing defect
Comment: TEXT
Your reference:
Additional email:

Submit warranty claim:

To finalize your submission you must agree to the terms outlined bellow!

- ☒ The defective material needs to be destroyed so that it is not any more suitable for common use. SCOTT SPORTS (S&P) shall indemnify and hold harmless SCOTT Sports SA and/or its affiliates from and against any claims by thirds incurred by SCOTT Sports SA and/or its affiliates arising out of any defects and/or damages caused by the defective material. .

Create claim

SCOTT SPORTS - WARRANTY

1 → 2 → 3 → 4
Upload pictures Enter infos Create claim **Claim result**

Warranty claim details:

Claim number: 000100015542

37 AGREEMENT WITH SUPPLIERS ABOUT DIRECT WARRANTY SUPPORT TO DEALERS/ NATIONAL SCOTT DISTRIBUTORS

AGREEMENT WITH SUPPLIERS ABOUT DIRECT WARRANTY SUPPORT TO DEALERS/NATIONAL SCOTT DISTRIBUTORS

Please note that we have an agreement with companies/brands named below for worldwide support on warranties of OE parts spec'd by Scott:

- Shimano
- Campagnolo
- SRAM
- DT-Swiss
- Ritchey
- Mavic
- Continental Tires
- Schwalbe Tires
- SR/SunTour
- Rock Shox (SRAM)
- Fox Racing Shox
- E-13
- Syncros
- RST
- Zipp
- Profile
- X-Fusion

The national distributor of the defective product will help you or your dealer to get warranty support in your country.

Therefore please contact him directly and add to the cleaned defective part the bill of purchase of the bike the part was mounted to help him to work efficient on your claim.

In case you get no help please do not hesitate to contact Scott to get help from our side.

We will try to push from our side then the producer directly to get help for you soon. To push we need detailed information about the part, a digital picture and name of the contact person at the distributor who refused to support you.

38 REPLACEABLE DROPOUTS SINCE 1995



REPLACEABLE DROP OUTS

In the past years we had several different replaceable drop-out hangers and want to give you below info about all different shapes and models we had. This might help you to make directly an order at the Scott trading dept. in case you get a broken drop out hanger as a sample from one of your customers to get a replacement for him.



1518156010000 MY 1995 Vantage 3.0 Pro Only, Dual Pro



1518156020000 MY 1995 Pro Only Tandem, Vantage 1.0, Vantage 2.0, AFD 903



1518156040000 MY 1995 Dual Pro



REPLACEABLE DROP OUTS



1518156070000 MY 1996 Vertigo LSD, Vertigo LSD Pro



1518157020000 MY 1997 all AFD



1518156090000 MY 1996 Vantage M 15-55, Elite Racing, Team Racing, Elite Racing JR, Comp Racing CST, AFD 606, AFD 906

REPLACEABLE DROP OUTS



1518157010000 MY 1997 Waimea, Kailua



1518156080000 MY 1996 Vertigo LSD DH, Vantage M 15-55, Elite Racing, Team Racing, Elite Racing JR, Dual Pro, Expression, Waimea, Waimea Pro



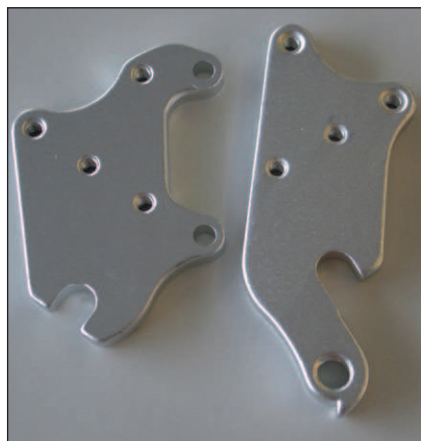
1518157040000 MY 1997 Expert Racing, Comp Racing, Vantage 3.0



REPLACEABLE DROP OUTS



1518150010000 Dropout + screws Urban&Outdoor 2000' Sonoma



1518151000000 Dropout Octane FX-DH 99'-00'



202863 Dropout Scott Scale Carbon since 07'

REPLACEABLE DROP OUTS



206375 Dropout+Screw all MTB since 97'



206376 Dropout+Screw AFD/Speedster since 98'



206472 MY 2007 Addict

REPLACEABLE DROP OUTS



206473 Dropout Spark/Genius since 09'



213487 Replacement Dropout Plasma 2



200520 Dropout IDS QRelease



202779 Dropout Right IDS std axle

REPLACEABLE DROP OUTS



200521 Dropout IDS 12mm Standard 0mm No axle



202779 Dropout Right IDS std axle



206796 Dropout IDS RockShox Maxle 12x135mm



206819 Dropout Right IDS for Maxle



210004 Dropout IDS 12mm Long +10mm No axle

REPLACEABLE DROP OUTS



215998 Dropout IDS Single Speed



215999 Dropout IDS 12mm Short -10mm No axle



219572 Dropout Set IDS 2 135/RWS 5



219573 Dropout Set IDS 2 135/RWS 12 (In progress)



219574 Dropout Set IDS 2 142/RWS 12



219575 D.out Hanger right side IDS2 135/RWS5

REPLACEABLE DROP OUTS



219576 D.out Hang.right side IDS2 135/RWS12 (In Progress)



219577 Dropout Hang.right side IDS 2 142/RWS12



219583 Dropout Hanger Foil 2011'

39 REPLACEMENT PARTS

REPLACEMENT PARTS

As every year we have on the following pages a list of all articles new for 2012.

Also pls find parts numbers of MY 2010, 2009, 2008, 2007 and MY 2006.

For parts numbers from 2005 and older pls use the specific workshop folder of the different model years or in case you cannot find an article in those lists pls feel free to contact

Patrick.Bochud@scott-sports.com

Holger.Klinter@scott-sports.com

for further details.

In addition we can offer you on our B2B homepage a direct view on spare parts linked to each bike.

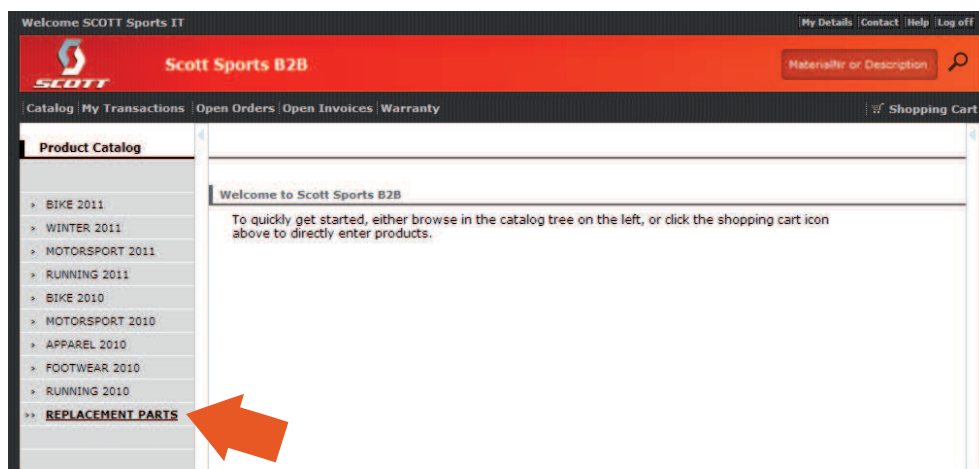
Please follow the instructions below to get your look on parts that match to certain bikes.

ACCESS

Access through [HTTP://SHOP.SCOTT-SPORTS.COM](http://shop.scott-sports.com)
with your customer number and password.

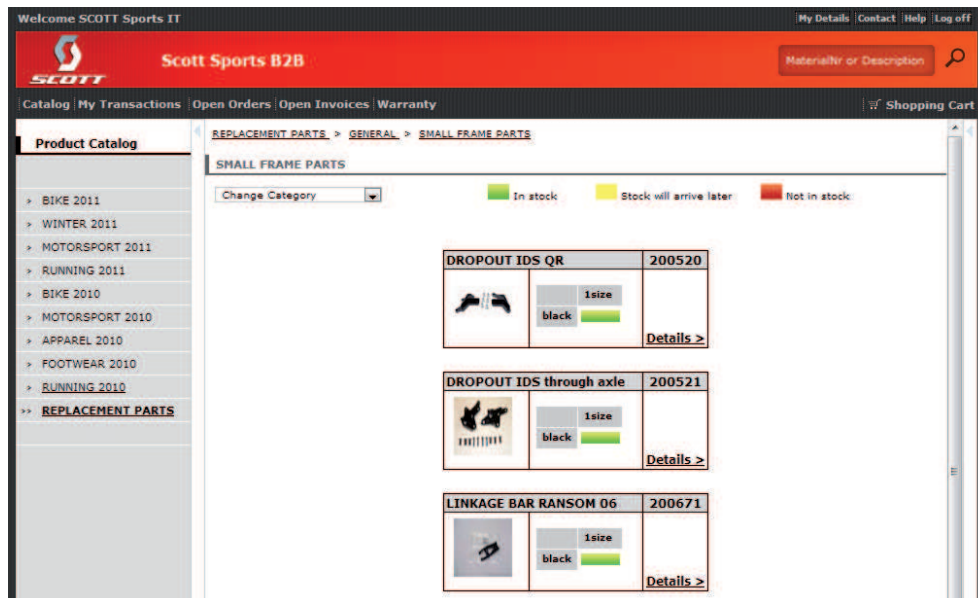
ORDER PROCESS

Browse the catalog to find the parts you would like to order

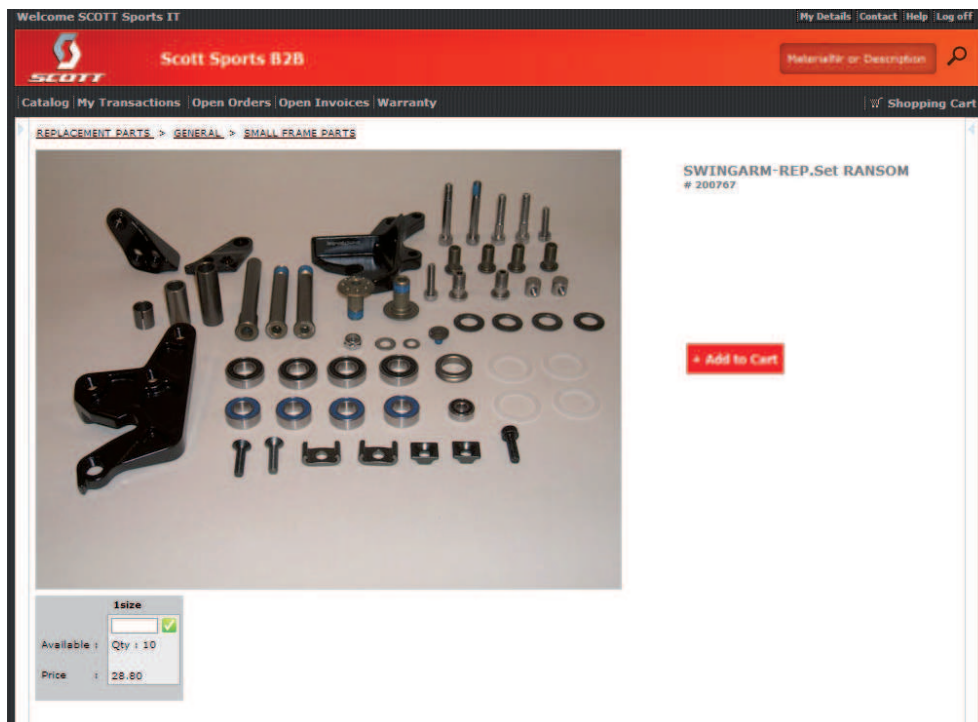


REPLACEMENT PARTS

When you have selected a category from the catalog you will see the related products and the availability in the main frame of the site. Green color means available right now, yellow will be in stock soon and red is sold out. To place an order you would have to click on the picture or the button 'Details'. Inside of the detail view there is the date of the next delivery to our stock if it is not available right now.

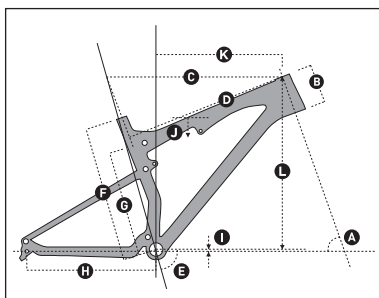


On the detail view of the replacement part you are able to see the price and you are able to enter the desired quantity. By pressing the button 'Buy' the product will be stored in the shopping basket from where you are able to place your order.



40 TECHNICAL DATA/ GEOMETRIES

GEOMETRY



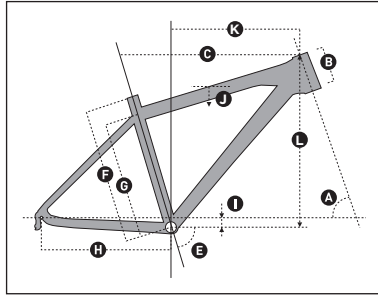
SPARK 26

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING	XL HIGH BB SETTING	XL LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in	160 mm 6.3 in	160 mm 6.3 in
C TOPTUBE LENGTH HORIZONTAL	553 mm 21.8 in	555 mm 21.9 in	589 mm 23.2 in	590 mm 23.2 in	618 mm 24.3 in	620 mm 24.4 in	648 mm 25.5 in	650 mm 25.6 in
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 in	509 mm 20.0 in	540 mm 21.3 in	540 mm 21.3 in	570 mm 22.4 in	570 mm 22.4 in	602 mm 23.7 in	602 mm 23.7 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in	540 mm 21.3 in	540 mm 21.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in	435 mm 17.1 in	435 mm 17.1 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in	835 mm 32.9 in	830 mm 32.7 in
WHEELBASE	1072 mm 42.2 in	1073 mm 42.2 in	1108 mm 43.6 in	1109 mm 43.7 in	1140 mm 44.9 in	1141 mm 44.9 in	1172 mm 46.1 in	1173 mm 46.2 in
K REACH	397 mm 15.6 in	391 mm 15.4 in	429 mm 16.9 in	423 mm 16.7 in	453 mm 17.8 in	448 mm 17.6 in	478 mm 18.8 in	473 mm 18.6 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in	598 mm 23.5 in	602 mm 23.7 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm	100 mm	100 mm

SPARK 29

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING	XL HIGH BB SETTING	XL LOW BB SETTING
A HEAD TUBE ANGLE	70.1°	69.5°	70.1°	69.5°	70.1°	69.5°	70.1°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 in	105 mm 4.1 in	105 mm 4.1 in	105 mm 4.1 in	115 mm 4.5 in	115 mm 4.5 in	125 mm 4.9 in	125 mm 4.9 in
C TOPTUBE LENGTH HORIZONTAL	568 mm 22.4 in	570 mm 22.4 in	598 mm 23.5 in	600 mm 23.6 in	628 mm 24.7 in	630 mm 24.8 in	649 mm 25.6 in	650 mm 25.6 in
D TOPTUBE LENGTH ACTUAL	518 mm 20.4 in	518 mm 20.4 in	539 mm 21.2 in	539 mm 21.2 in	566 mm 22.3 in	566 mm 22.3 in	588 mm 23.1 in	588 mm 23.1 in
E SEAT TUBE ANGLE	73.1°	72.5°	73.1°	72.5°	73.1°	72.5°	73.1°	72.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	440 mm 17.3 in	440 mm 17.3 in	481 mm 18.9 in	481 mm 18.9 in	541 mm 21.3 in	541 mm 21.3 in
G BB CENTER TO TOPTUBE CENTER	335 mm 13.2 in	335 mm 13.2 in	350 mm 13.8 in	350 mm 13.8 in	403 mm 15.9 in	403 mm 15.9 in	448 mm 17.6 in	448 mm 17.6 in
H CHAINSTAY LENGTH	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in	448 mm 17.6 in
I BB OFFSET	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in	-41 mm -1.6 in	-48 mm -1.9 in
J BB HEIGHT	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in	324 mm 12.8 in	317 mm 12.5 in
STANDOVER HEIGHT	762 mm 30.0 in	758 mm 29.8 in	768 mm 30.2 in	764 mm 30.1 in	806 mm 31.7 in	802 mm 31.6 in	836 mm 32.9 in	833 mm 32.8 in
WHEELBASE	1082 mm 42.6 in	1082 mm 42.6 in	1112 mm 43.8 in	1112 mm 43.8 in	1143 mm 45.0 in	1143 mm 45.0 in	1163 mm 45.8 in	1163 mm 45.8 in
K REACH	386 mm 15.2 in	379 mm 14.9 in	416 mm 16.4 in	409 mm 16.1 in	442 mm 17.4 in	436 mm 17.2 in	456 mm 18.0 in	453 mm 17.8 in
L STACK	602 mm 23.7 in	606 mm 23.9 in	602 mm 23.7 in	606 mm 23.9 in	611 mm 24.1 in	615 mm 24.2 in	623 mm 24.5 in	625 mm 24.6 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm	100 mm	100 mm

GEOMETRY



SCALE 26

	XS (ALLOY MODEL)	S	M	L	XL	XXL (ALLOY MODEL)
A HEAD TUBE ANGLE	70.0°	70.0°	70.0°	70.0°	70.0°	70.0°
B HEADTUBE LENGTH	100 mm 3.9 inches	110 mm 4.3 inches	120 mm 4.7 inches	135 mm 5.3 inches	160 mm 6.3 inches	170 mm 6.7 inches
C TOPTUBE LENGTH HORIZONTAL	540 mm 21.3 inches	555 mm 21.9 inches	585 mm 23.0 inches	610 mm 24.0 inches	640 mm 25.2 inches	650 mm 25.6 inches
E SEAT TUBE ANGLE	73.5°	73.5°	73.5°	73.5°	73.5°	73.5°
F BB CENTER TO TOP OF SEATTUBE	350 mm 13.8 inches	390 mm 15.4 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches	580 mm 22.8 inches
G BB CENTER TO TOPTUBE CENTER	284 mm 11.2 inches	324 mm 12.8 inches	374 mm 14.7 inches	414 mm 16.3 inches	464 mm 18.3 inches	514 mm 20.2 inches
H CHAINSTAY LENGTH	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches
I BB OFFSET	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches
BB HEIGHT	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches
J STANDOVER HEIGHT	695 mm 27.4 inches	733 mm 28.9 inches	765 mm 30.1 inches	792 mm 31.2 inches	830 mm 32.7 inches	862 mm 33.9 inches
WHEELBASE	1025 mm 40.4 inches	1073 mm 42.2 inches	1073 mm 42.2 inches	1099 mm 43.3 inches	1131 mm 44.5 inches	1140 mm 44.9 inches
K REACH	380 mm 15.0 inches	387 mm 15.2 inches	414 mm 16.3 inches	435 mm 17.1 inches	458 mm 18.0 inches	465 mm 18.3 inches
L STACK	552 mm 21.7 inches	566 mm 22.3 inches	576 mm 22.7 inches	590 mm 23.2 inches	613 mm 24.1 inches	618 mm 24.3 inches
STEM LENGTH	80 mm	80 mm	90 mm	100 mm	110 mm	120 mm

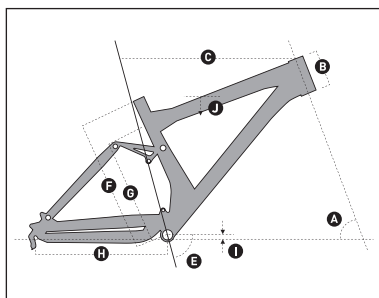
SCALE 29 CARBON

	S	M	L	XL
A HEAD TUBE ANGLE	69.5°	69.5°	69.5°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 inches	105 mm 4.1 inches	115 mm 4.5 inches	125 mm 4.9 inches
C TOPTUBE LENGTH HORIZONTAL	580 mm 22.8 inches	600 mm 23.6 inches	620 mm 24.4 inches	640 mm 25.2 inches
E SEAT TUBE ANGLE	72.5°	72.5°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	390 mm 15.4 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches
G BB CENTER TO TOPTUBE CENTER	329 mm 13.0 inches	375 mm 14.8 inches	415 mm 16.3 inches	465 mm 18.3 inches
H CHAINSTAY LENGTH	438 mm 17.2 inches	438 mm 17.2 inches	438 mm 17.2 inches	438 mm 17.2 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
BB HEIGHT	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches
J STANDOVER HEIGHT	756 mm 29.8 inches	783 mm 30.8 inches	810 mm 31.9 inches	842 mm 33.1 inches
WHEELBASE	1079 mm 42.5 inches	1096 mm 43.1 inches	1117 mm 44.0 inches	1137 mm 44.8 inches
K REACH	385 mm 15.2 inches	405 mm 15.9 inches	422 mm 16.6 inches	439 mm 17.3 inches
L STACK	618 mm 24.3 inches	618 mm 24.3 inches	628 mm 24.7 inches	637 mm 25.1 inches
STEM LENGTH	70 mm	80 mm	90 mm	100 mm

SCALE 29 ALLOY

	S	M	L	XL
A HEAD TUBE ANGLE	69.5°	69.5°	69.5°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 inches	115 mm 4.5 inches	125 mm 4.9 inches	140 mm 5.5 inches
C TOPTUBE LENGTH HORIZONTAL	590 mm 23.2 inches	600 mm 23.6 inches	620 mm 24.4 inches	640 mm 25.2 inches
E SEAT TUBE ANGLE	72.5°	72.5°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	395 mm 15.6 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches
G BB CENTER TO TOPTUBE CENTER	333 mm 13.1 inches	378 mm 14.9 inches	418 mm 16.5 inches	468 mm 18.4 inches
H CHAINSTAY LENGTH	440 mm 17.3 inches	440 mm 17.3 inches	440 mm 17.3 inches	440 mm 17.3 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
J STANDOVER HEIGHT	753 mm 29.6 inches	785 mm 30.9 inches	811 mm 31.9 inches	848 mm 33.4 inches
WHEELBASE	1086 mm 42.8 inches	1097 mm 43.2 inches	1127 mm 44.4 inches	1141 mm 44.9 inches
STEM LENGTH	70 mm	80 mm	90 mm	100 mm

GEOMETRY



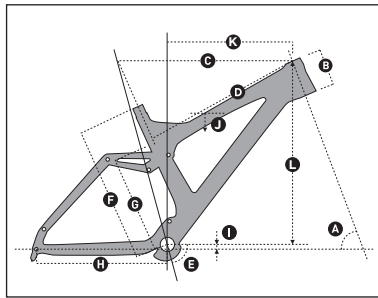
GENIUS CARBON

	S		M		L		XL	
A HEAD TUBE ANGLE	68.3°		68.5°		68.7°		68.9°	
B HEADTUBE LENGTH	100 mm	3.9 inches	115 mm	4.5 inches	135 mm	5.3 inches	160 mm	6.3 inches
C TOPTUBE LENGTH HORIZONTAL	555 mm	21.9 inches	585 mm	23.0 inches	610 mm	24.0 inches	640 mm	25.2 inches
E SEAT TUBE ANGLE	73.5°		73.5°		73.5°		73.5°	
F BB CENTER TO TOP OF SEATTUBE	440 mm	17.3 inches	450 mm	17.7 inches	475 mm	18.7 inches	500 mm	19.7 inches
G BB CENTER TO TOPTUBE CENTER	337 mm	13.3 inches	358 mm	14.1 inches	384 mm	15.1 inches	410 mm	16.1 inches
H CHAINSTAY LENGTH	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches
I BB OFFSET	10 mm	0.4 inches	10 mm	0.4 inches	10 mm	0.4 inches	10 mm	0.4 inches
J STANDOVER HEIGHT	771 mm	30.4 inches	786 mm	30.9 inches	807 mm	31.8 inches	830 mm	32.7 inches
WHEELBASE	1088 mm	42.8 inches	1117 mm	44.0 inches	1141 mm	44.9 inches	1171 mm	46.1 inches
STEM LENGTH	80 mm		80 mm		90 mm		100 mm	

GENIUS ALLOY

	S		M		L		XL	
A HEAD TUBE ANGLE	68.5°		68.5°		68.5°		68.5°	
B HEADTUBE LENGTH	110 mm	4.3 inches	120 mm	4.7 inches	135 mm	5.3 inches	160 mm	6.3 inches
C TOPTUBE LENGTH HORIZONTAL	555 mm	21.9 inches	585 mm	23.0 inches	610 mm	24.0 inches	640 mm	25.2 inches
E SEAT TUBE ANGLE	73.5°		73.5°		73.5°		73.5°	
F BB CENTER TO TOP OF SEATTUBE	440 mm	17.3 inches	450 mm	17.7 inches	475 mm	18.7 inches	500 mm	19.7 inches
G BB CENTER TO TOPTUBE CENTER	336 mm	13.2 inches	358 mm	14.1 inches	384 mm	15.1 inches	410 mm	16.1 inches
H CHAINSTAY LENGTH	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches
I BB OFFSET	10 mm	0.4 inches	10 mm	0.4 inches	10 mm	0.4 inches	10 mm	0.4 inches
J STANDOVER HEIGHT	778 mm	30.6 inches	791 mm	31.1 inches	810 mm	31.9 inches	833 mm	32.8 inches
WHEELBASE	1086 mm	42.8 inches	1117 mm	44.0 inches	1144 mm	45.0 inches	1176 mm	46.3 inches
STEM LENGTH	80 mm		80 mm		90 mm		100 mm	

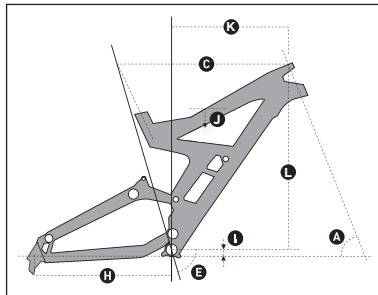
GEOMETRY



GENIUS LT

	S HIGH BB SETTING		S LOW BB SETTING		M HIGH BB SETTING		M LOW BB SETTING		L HIGH BB SETTING		L LOW BB SETTING	
A HEAD TUBE ANGLE	67.0°		66.3°		67.0°		66.3°		67.0°		66.3°	
B HEADTUBE LENGTH	120 mm	4.7 inches	120 mm	4.7 inches	120 mm	4.7 inches	120 mm	4.7 inches	120 mm	4.7 inches	120 mm	4.7 inches
C TOPTUBE LENGTH HORIZONTAL	560 mm	22.0 inches	560 mm	22.0 inches	585 mm	23.0 inches	585 mm	23.0 inches	610 mm	24.0 inches	610 mm	24.0 inches
D TOPTUBE LENGTH ACTUAL	502 mm	19.8 inches	502 mm	19.8 inches	523 mm	20.6 inches	523 mm	20.6 inches	544 mm	21.4 inches	544 mm	21.4 inches
E SEAT TUBE ANGLE	74.2°		73.5°		74.2°		73.5°		74.2°		73.5°	
F BB CENTER TO TOP OF SEATTUBE	440 mm	17.3 inches	440 mm	17.3 inches	460 mm	18.1 inches	460 mm	18.1 inches	490 mm	19.3 inches	490 mm	19.3 inches
G BB CENTER TO TOPTUBE CENTER	306 mm	12.0 inches	306 mm	12.0 inches	310 mm	12.2 inches	310 mm	12.2 inches	326 mm	12.8 inches	326 mm	12.8 inches
H CHAINSTAY LENGTH	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches	428 mm	16.9 inches
I BB OFFSET	23 mm	0.9 inches	15 mm	0.6 inches	23 mm	0.9 inches	15 mm	0.6 inches	23 mm	0.9 inches	15 mm	0.6 inches
BB HEIGHT	367 mm	14.4 inches	358 mm	14.1 inches	367 mm	14.4 inches	358 mm	14.1 inches	367 mm	14.4 inches	358 mm	14.1 inches
J STANDOVER HEIGHT	779 mm	30.7 inches	775 mm	30.5 inches	780 mm	30.7 inches	775 mm	30.5 inches	788 mm	31.0 inches	783 mm	30.8 inches
WHEELBASE	1122 mm	44.2 inches	1125 mm	44.3 inches	1147 mm	45.2 inches	1150 mm	45.3 inches	1172 mm	46.1 inches	1175 mm	46.3 inches
K REACH	390 mm	15.4 inches	383 mm	15.1 inches	414 mm	16.3 inches	408 mm	16.1 inches	439 mm	17.3 inches	433 mm	17.0 inches
L STACK	594 mm	23.4 inches	599 mm	23.6 inches	594 mm	23.4 inches	599 mm	23.6 inches	594 mm	23.4 inches	599 mm	23.6 inches
STEM LENGTH	60 mm		60 mm		60 mm		60 mm		70 mm		70 mm	

GAMBLER WC

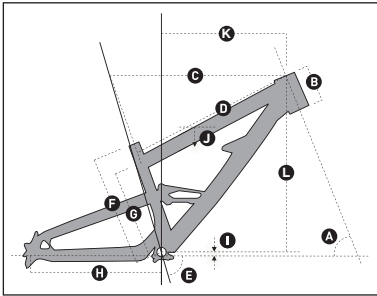


	SHORT / DH SETTING		SHORT / FR SETTING		LONG / DH SETTING		LONG / FR SETTING	
A HEAD TUBE ANGLE	63.0°		64.4°		63.0°		64.4°	
B HEADTUBE LENGTH	115 mm	4.5 inches	115 mm	4.5 inches	115 mm	4.5 inches	115 mm	4.5 inches
C TOPTUBE LENGTH HORIZONTAL	550 mm	21.7 inches	555 mm	21.9 inches	585 mm	23.0 inches	590 mm	23.2 inches
E SEAT TUBE ANGLE	72.5°		71.8°		72.5°		71.8°	
H CHAINSTAY LENGTH **	435 mm	17.1 inches	435 mm	17.1 inches	435 mm	17.1 inches	435 mm	17.1 inches
I BB OFFSET	+3 mm	+0.1 inches	+7 mm	+0.3 inches	+3 mm	+0.1 inches	+7 mm	+0.3 inches
J STANDOVER HEIGHT	779 mm	30.6 inches	787 mm	31.0 inches	774 mm	30.5 inches	781 mm	30.7 inches
WHEELBASE	1149 mm	45.2 inches	1130 mm	44.5 inches	1184 mm	46.6 inches	1165 mm	45.9 inches
K REACH	364 mm	14.3 inches	360 mm	14.2 inches	399 mm	15.7 inches	395 mm	15.6 inches
L STACK	592 mm	23.3 inches	596 mm	23.5 inches	592 mm	23.3 inches	596 mm	23.5 inches
STEM LENGTH	40 mm		40 mm		40 mm		40 mm	

* FR / DH setting available by rotating the Head Tube insert

** All measurements are done with 0mm dropouts.
Chainstay length adjustable with different dropouts : -10mm / 0mm / +10 mm

GEOMETRY

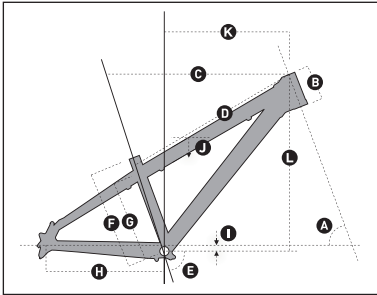


VOLTAGE FR

	SHORT	LONG
A HEAD TUBE ANGLE	65.0°	65.0°
B HEADTUBE LENGTH	118 mm 4.6 inches	118 mm 4.6 inches
C TOPTUBE LENGTH HORIZONTAL	557 mm 21.9 inches	582 mm 22.9 inches
D TOPTUBE LENGTH ACTUAL	533 mm 21.0 inches	555 mm 21.9 inches
E SEAT TUBE ANGLE	73.3°	73.3°
F BB CENTER TO TOP OF SEATTUBE	365 mm 14.4 inches	365 mm 14.4 inches
G BB CENTER TO TOPTUBE CENTER	307 mm 12.1 inches	307 mm 12.1 inches
H CHAINSTAY LENGTH **	425 mm 16.7 inches	425 mm 16.7 inches
I BB OFFSET	3 mm 0.1 inches	3 mm 0.1 inches
J BB HEIGHT	348 mm 13.7 inches	348 mm 13.7 inches
K STANDOVER HEIGHT	768 mm 30.2 inches	768 mm 30.2 inches
WHEELBASE	1134 mm 44.6 inches	1159 mm 45.6 inches
L REACH	379 mm 14.9 inches	404 mm 15.9 inches
M STACK	600 mm 23.6 inches	600 mm 23.6 inches
STEM LENGTH	40 mm	40 mm

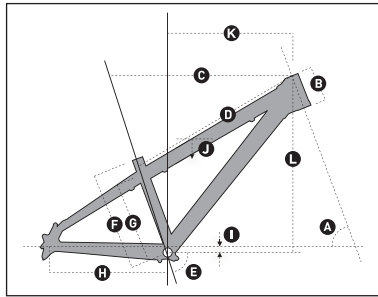
** All measurements are done with 0mm dropouts.
Chainstay length adjustable with different dropouts : -10mm / 0mm / +10 mm

VOLTAGE



	ONE SIZE
A HEAD TUBE ANGLE	68.5°
B HEADTUBE LENGTH	110 mm 4.3 inches
C TOPTUBE LENGTH HORIZONTAL	595 mm 23.4 inches
D TOPTUBE LENGTH ACTUAL	567 mm 22.3 inches
E SEAT TUBE ANGLE	71.0°
F BB CENTER TO TOP OF SEATTUBE	316 mm 12.4 inches
G BB CENTER TO TOPTUBE CENTER	266 mm 10.5 inches
H CHAINSTAY LENGTH	385 mm - with IDS washer +5mm or -6mm
I BB OFFSET	-15 mm -0.6 inches
BB HEIGHT	325 mm 12.8 inches
J STANDOVER HEIGHT	702 mm 27.6 inches
WHEELBASE	1050 mm 41.3 inches
K REACH	400 mm 15.7 inches
L STACK	567 mm 22.3 inches
STEM LENGTH	40 mm

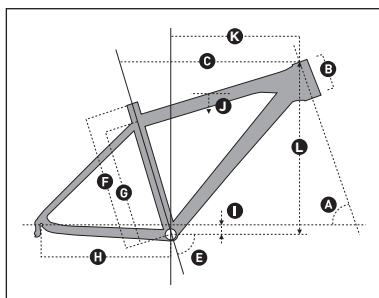
GEOMETRY



VOLTAGE C FRAME

	XS		S		M		L		XL	
A HEAD TUBE ANGLE	68.5°		69.0°		69.0°		69.5°		69.5°	
B HEADTUBE LENGTH	100 mm	3.9 inches	110 mm	4.3 inches	120 mm	4.7 inches	135 mm	5.3 inches	150 mm	5.9 inches
C TOPTUBE LENGTH HORIZONTAL	540 mm	21.3 inches	550 mm	21.7 inches	560 mm	22.0 inches	570 mm	22.4 inches	585 mm	23.0 inches
D TOPTUBE LENGTH ACTUAL	538 mm	21.2 inches	538 mm	21.2 inches	541 mm	21.3 inches	548 mm	21.6 inches	562 mm	22.1 inches
E SEAT TUBE ANGLE	74.0°		73.5°		73.0°		73.0°		73.0°	
F BB CENTER TO TOP OF SEATTUBE	330 mm	13.0 inches	370 mm	14.6 inches	410 mm	16.1 inches	460 mm	18.1 inches	510 mm	20.1 inches
G BB CENTER TO TOPTUBE CENTER	280 mm	11.0 inches	320 mm	12.6 inches	360 mm	14.2 inches	410 mm	16.1 inches	550 mm	21.7 inches
H CHAINSTAY LENGTH	420 mm	16.5 inches	420 mm	16.5 inches	420 mm	16.5 inches	420 mm	16.5 inches	420 mm	16.5 inches
I BB OFFSET	-32 mm	-1.3 inches	-32 mm	-1.3 inches	-32 mm	-1.3 inches	-32 mm	-1.3 inches	-32 mm	-1.3 inches
J BB HEIGHT	303 mm	11.9 inches	303 mm	11.9 inches	303 mm	11.9 inches	303 mm	11.9 inches	303 mm	11.9 inches
K STANDOVER HEIGHT	684 mm	26.9 inches	715 mm	28.1 inches	746 mm	29.4 inches	786 mm	30.9 inches	823 mm	32.4 inches
L WHEELBASE	1050 mm	41.3 inches	1050 mm	41.3 inches	1055 mm	41.5 inches	1061 mm	41.8 inches	1077 mm	42.4 inches
M STEM LENGTH	40 mm		40 mm		40 mm		60 mm		60 mm	

GEOMETRY



ASPECT 26"

	XS	S	M	L	XL	XXL
A HEAD TUBE ANGLE	69.5°	70.0°	70.5°	70.5°	71.0°	71.0°
B HEADTUBE LENGTH	105 mm 4.1 inches	115 mm 4.5 inches	130 mm 5.1 inches	145 mm 5.7 inches	160 mm 6.3 inches	175 mm 6.9 inches
C TOPTUBE LENGTH HORIZONTAL	545 mm 21.5 inches	555 mm 21.9 inches	570 mm 22.4 inches	585 mm 23.0 inches	600 mm 23.6 inches	620 mm 24.4 inches
E SEAT TUBE ANGLE	74.5°	74.0°	73.5°	73.5°	73.0°	73.0°
F BB CENTER TO TOP OF SEATTUBE	350 mm 13.8 inches	390 mm 15.4 inches	440 mm 17.3 inches	500 mm 19.7 inches	570 mm 22.4 inches	600 mm 23.6 inches
G BB CENTER TO TOPTUBE CENTER	296 mm 11.7 inches	336 mm 13.2 inches	386 mm 15.2 inches	446 mm 17.6 inches	516 mm 20.3 inches	546 mm 21.5 inches
H CHAINSTAY LENGTH	427 mm 16.8 inches	427 mm 16.8 inches	427 mm 16.8 inches	427 mm 16.8 inches	427 mm 16.8 inches	427 mm 16.8 inches
I BB OFFSET	-32 mm -1.3 inches	-32 mm -1.3 inches	-32 mm -1.3 inches	-32 mm -1.3 inches	-32 mm -1.3 inches	-32 mm -1.3 inches
J STANDOVER HEIGHT	739 mm 29.1 inches	758 mm 29.8 inches	778 mm 30.6 inches	799 mm 31.5 inches	817 mm 32.2 inches	847 mm 33.3 inches
WHEELBASE	1055 mm 41.5 inches	1055 mm 41.5 inches	1061 mm 41.8 inches	1076 mm 42.4 inches	1081 mm 42.6 inches	1101 mm 43.3 inches
STEM LENGTH	60 mm	75 mm	90 mm	100 mm	110 mm	120 mm

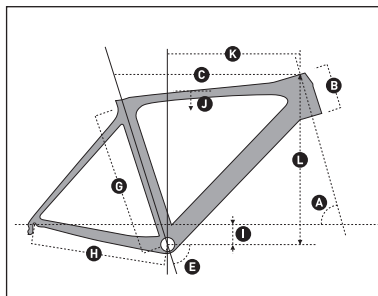
E-ASPECT 29"

	M	L	XL
A HEAD TUBE ANGLE	69.5°	69.5°	69.5°
B HEADTUBE LENGTH	115 mm 4.5 inches	125 mm 4.9 inches	140 mm 5.5 inches
C TOPTUBE LENGTH HORIZONTAL	585 mm 23.0 inches	605 mm 23.8 inches	625 mm 24.6 inches
E SEAT TUBE ANGLE	72.5°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches
G BB CENTER TO TOPTUBE CENTER	378 mm 14.9 inches	418 mm 16.5 inches	468 mm 18.4 inches
H CHAINSTAY LENGTH	445 mm 17.5 inches	445 mm 17.5 inches	445 mm 17.5 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
J STANDOVER HEIGHT	785 mm 30.9 inches	811 mm 31.9 inches	848 mm 33.4 inches
WHEELBASE	1097 mm 43.2 inches	1127 mm 44.4 inches	1141 mm 44.9 inches
K REACH	388 mm 15.3 inches	405 mm 15.9 inches	420 mm 16.5 inches
L STACK	626 mm 24.6 inches	635 mm 25.0 inches	649 mm 25.6 inches
STEM LENGTH	75 mm	90 mm	100 mm

ASPECT 29"

	S	M	L	XL
A HEAD TUBE ANGLE	69.5°	69.5°	69.5°	69.5°
B HEADTUBE LENGTH	105 mm 4.1 inches	115 mm 4.5 inches	125 mm 4.9 inches	140 mm 5.5 inches
C TOPTUBE LENGTH HORIZONTAL	575 mm 22.6 inches	585 mm 23.0 inches	605 mm 23.8 inches	625 mm 24.6 inches
E SEAT TUBE ANGLE	72.5°	72.5°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	395 mm 15.6 inches	440 mm 17.3 inches	480 mm 18.9 inches	530 mm 20.9 inches
G BB CENTER TO TOPTUBE CENTER	340 mm 13.4 inches	385 mm 15.2 inches	425 mm 16.7 inches	475 mm 18.7 inches
H CHAINSTAY LENGTH	450 mm 17.7 inches	450 mm 17.7 inches	450 mm 17.7 inches	450 mm 17.7 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
J STANDOVER HEIGHT	786 mm 30.9 inches	817 mm 32.2 inches	842 mm 33.1 inches	875 mm 34.4 inches
WHEELBASE	1084 mm 42.7 inches	1094 mm 43.1 inches	1115 mm 43.9 inches	1136 mm 44.7 inches
K REACH	381 mm 15.0 inches	388 mm 15.3 inches	405 mm 15.9 inches	420 mm 16.5 inches
L STACK	616 mm 24.3 inches	626 mm 24.6 inches	635 mm 25.0 inches	649 mm 25.6 inches
STEM LENGTH	75 mm	90 mm	90 mm	100 mm

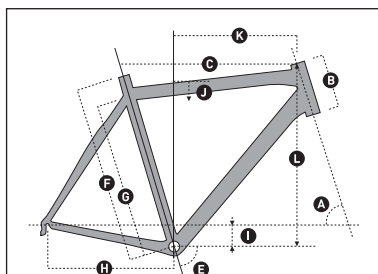
GEOMETRY



FOIL

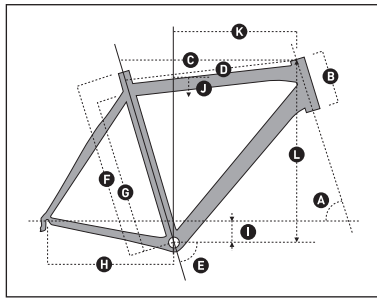
	XXS/47	XS/49	S/52	M/54	L/56	XL/58	XXL/61
A HEAD TUBE ANGLE	70.5°	71.0°	72.0°	73.0°	73.0°	73.3°	73.3°
B HEADTUBE LENGTH	100 mm 3.9 inches	105 mm 4.1 inches	120 mm 4.7 inches	140 mm 5.5 inches	160 mm 6.3 inches	180 mm 7.1 inches	200 mm 7.9 inches
C TOPTUBE LENGTH HORIZONTAL	510 mm 20.1 inches	520 mm 20.5 inches	535 mm 21.1 inches	550 mm 21.7 inches	565 mm 22.2 inches	580 mm 22.8 inches	595 mm 23.4 inches
E SEAT TUBE ANGLE	74.5°	74.5°	74.0°	73.3°	73.3°	73.0°	72.5°
G BB CENTER TO TOPTUBE CENTER	410 mm 16.1 inches	430 mm 16.9 inches	460 mm 18.1 inches	480 mm 18.9 inches	500 mm 19.7 inches	520 mm 20.5 inches	550 mm 21.7 inches
H CHAINSTAY LENGTH	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches
I BB OFFSET	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches
J STANDOVER HEIGHT	717 mm 28.2 inches	731 mm 28.8 inches	755 mm 29.7 inches	775 mm 30.5 inches	794 mm 31.3 inches	814 mm 32.0 inches	838 mm 33.0 inches
WHEELBASE	972 mm 38.3 inches	978 mm 38.5 inches	980 mm 38.6 inches	979 mm 38.5 inches	994 mm 39.1 inches	1003 mm 39.5 inches	1012 mm 39.8 inches
K REACH	371 mm 14.6 inches	379 mm 14.9 inches	384 mm 15.1 inches	385 mm 15.2 inches	394 mm 15.5 inches	400 mm 15.7 inches	403 mm 15.9 inches
L STACK	503 mm 19.8 inches	509 mm 20.0 inches	527 mm 20.7 inches	549 mm 21.6 inches	569 mm 22.4 inches	589 mm 23.2 inches	608 mm 23.9 inches
STEM LENGTH	90 mm	100 mm	110 mm	110 mm	110 mm	120 mm	130 mm

CR1



	XXS/47	XS/49	S/52	M/54	L/56	XL/58	XXL/61
A HEAD TUBE ANGLE	70.5°	71.0°	73.0°	73.0°	73.0°	73.0°	73.0°
B HEADTUBE LENGTH	111 mm 4.4 inches	116 mm 4.6 inches	136 mm 5.4 inches	156 mm 6.1 inches	176 mm 6.9 inches	196 mm 7.7 inches	216 mm 8.5 inches
C TOPTUBE LENGTH HORIZONTAL	505 mm 19.9 inches	515 mm 20.3 inches	530 mm 20.9 inches	545 mm 21.5 inches	560 mm 22.0 inches	575 mm 22.6 inches	595 mm 23.4 inches
E SEAT TUBE ANGLE	75.0°	75.0°	74.5°	74.0°	73.5°	73.3°	73.3°
F BB CENTER TO TOP OF SEATTUBE	470 mm 18.5 inches	490 mm 19.3 inches	520 mm 20.5 inches	540 mm 21.3 inches	560 mm 22.0 inches	580 mm 22.8 inches	610 mm 24.0 inches
G BB CENTER TO TOPTUBE CENTER	410 mm 16.1 inches	430 mm 16.9 inches	460 mm 18.1 inches	480 mm 18.9 inches	500 mm 19.7 inches	520 mm 20.5 inches	550 mm 21.7 inches
H CHAINSTAY LENGTH	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches
I BB OFFSET	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches
J STANDOVER HEIGHT	723 mm 28.5 inches	737 mm 29.0 inches	765 mm 30.1 inches	784 mm 30.9 inches	803 mm 31.6 inches	823 mm 32.4 inches	847 mm 33.3 inches
WHEELBASE	975 mm 38.4 inches	978 mm 38.5 inches	980 mm 38.6 inches	981 mm 38.6 inches	992 mm 39.1 inches	1001 mm 39.4 inches	1021 mm 40.2 inches
K REACH	368 mm 14.5 inches	376 mm 14.8 inches	379 mm 14.9 inches	383 mm 15.1 inches	387 mm 15.2 inches	394 mm 15.5 inches	409 mm 16.1 inches
L STACK	513 mm 20.2 inches	519 mm 20.4 inches	545 mm 21.5 inches	565 mm 22.2 inches	584 mm 23.0 inches	603 mm 23.7 inches	620 mm 24.4 inches
STEM LENGTH	90 mm	100 mm	110 mm	110 mm	110 mm	120 mm	130 mm

GEOMETRY



SPEEDSTER

	XXS/47	XS/49	S/52	M/54	L/56	XL/58	XXL/61
A HEAD TUBE ANGLE	70.5°	71.0°	72.5°	73.0°	73.0°	73.3°	73.3°
B HEADTUBE LENGTH	105 mm 4.1 inches	110 mm 4.3 inches	130 mm 5.1 inches	150 mm 5.9 inches	170 mm 6.7 inches	190 mm 7.5 inches	210 mm 8.3 inches
C TOPTUBE LENGTH HORIZONTAL	505 mm 19.9 inches	515 mm 20.3 inches	530 mm 20.9 inches	545 mm 21.5 inches	560 mm 22.0 inches	575 mm 22.6 inches	595 mm 23.4 inches
E SEAT TUBE ANGLE	75.0°	75.0°	74.5°	74.0°	73.5°	73.3°	73.3°
F BB CENTER TO TOP OF SEATTUBE	470 mm 18.5 inches	490 mm 19.3 inches	520 mm 20.5 inches	540 mm 21.3 inches	560 mm 22.0 inches	580 mm 22.8 inches	610 mm 24.0 inches
G BB CENTER TO TOPTUBE CENTER	410 mm 16.1 inches	430 mm 16.9 inches	460 mm 18.1 inches	480 mm 18.9 inches	500 mm 19.7 inches	520 mm 20.5 inches	550 mm 21.7 inches
H CHAINSTAY LENGTH	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches
I BB OFFSET	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches	-67 mm -2.6 inches
J STANDOVER HEIGHT	713 mm 28.1 inches	733 mm 28.9 inches	753 mm 29.6 inches	778 mm 30.6 inches	791 mm 31.1 inches	811 mm 31.9 inches	827 mm 32.6 inches
WHEELBASE	970 mm 38.2 inches	976 mm 38.4 inches	974 mm 38.3 inches	980 mm 38.6 inches	989 mm 38.9 inches	999 mm 39.3 inches	1019 mm 40.1 inches
STEM LENGTH	90 mm	100 mm	110 mm	110 mm	110 mm	120 mm	130 mm

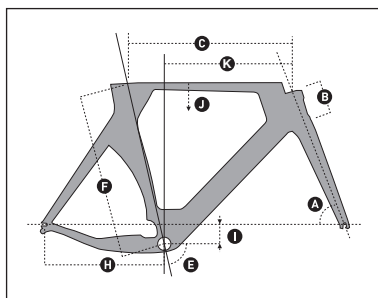
METRIX MEN

	XS	S	M	L	XL
A HEAD TUBE ANGLE	71.0°	71.5°	72.0°	72.5°	73.0°
B HEADTUBE LENGTH	135 mm 5.3 inches	155 mm 6.1 inches	180 mm 7.1 inches	205 mm 8.1 inches	235 mm 9.3 inches
C TOPTUBE LENGTH HORIZONTAL	545 mm 21.5 inches	555 mm 0.0 inches	565 mm 0.0 inches	580 mm 0.0 inches	600 mm 0.0 inches
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 inches	518 mm 20.4 inches	535 mm 21.1 inches	556 mm 21.9 inches	573 mm 22.6 inches
E SEAT TUBE ANGLE	75.0°	74.5°	74.0°	73.5°	73.0°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 inches	450 mm 17.7 inches	480 mm 18.9 inches	510 mm 20.1 inches	560 mm 22.0 inches
G BB CENTER TO TOPTUBE CENTER	343 mm 13.5 inches	394 mm 15.5 inches	424 mm 16.7 inches	455 mm 17.9 inches	505 mm 19.9 inches
H CHAINSTAY LENGTH	435 mm 17.1 inches	435 mm 17.1 inches	435 mm 17.1 inches	435 mm 17.1 inches	435 mm 17.1 inches
I BB OFFSET	-75 mm -3.0 inches	-75 mm -3.0 inches	-70 mm -2.8 inches	-70 mm -2.8 inches	-70 mm -2.8 inches
BB HEIGHT	275 mm 10.8 inches	275 mm 10.8 inches	280 mm 11.0 inches	280 mm 11.0 inches	280 mm 11.0 inches
J STANDOVER HEIGHT	786 mm 30.9 inches	825 mm 32.5 inches	851 mm 33.5 inches	879 mm 34.6 inches	921 36.3 inches
WHEELBASE	1020 mm 40.2 inches	1026 mm 40.4 inches	1038 mm 40.9 inches	1053 mm 41.5 inches	1061 mm 41.8 inches
K REACH	368 mm 14.5 inches	372 mm 14.6 inches	380 mm 15.0 inches	392 mm 15.4 inches	396 mm 15.6 inches
L STACK	568 mm 22.4 inches	589 mm 23.2 inches	610 mm 24.0 inches	635 mm 25.0 inches	666 mm 26.2 inches
STEM LENGTH	90 mm	90 mm	100 mm	100 mm	100 mm

METRIX SOLUTION

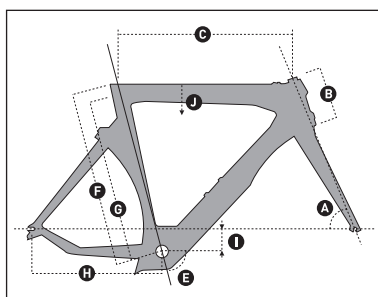
	XS	S	M	L
A HEAD TUBE ANGLE	70.5°	71.0°	71.5°	72.0°
B HEADTUBE LENGTH	135 mm 5.3 inches	155 mm 6.1 inches	180 mm 7.1 inches	205 mm 8.1 inches
C TOPTUBE LENGTH HORIZONTAL	530 mm 21.5 inches	540 mm 0.0 inches	550 mm 0.0 inches	565 mm 0.0 inches
D TOPTUBE LENGTH ACTUAL	527 mm 20.7 inches	530 mm 20.9 inches	535 mm 21.1 inches	546 mm 21.5 inches
E SEAT TUBE ANGLE	75.0°	74.5°	74.0°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 inches	450 mm 17.7 inches	480 mm 18.9 inches	510 mm 20.1 inches
G BB CENTER TO TOPTUBE CENTER	306 mm 12.0 inches	347 mm 13.7 inches	378 mm 14.9 inches	408 mm 16.1 inches
H CHAINSTAY LENGTH	435 mm 17.1 inches	435 mm 17.1 inches	435 mm 17.1 inches	435 mm 17.1 inches
I BB OFFSET	-75 mm -3.0 inches	-75 mm -3.0 inches	-70 mm -2.8 inches	-70 mm -2.8 inches
BB HEIGHT	275 mm 10.8 inches	275 mm 10.8 inches	280 mm 11.0 inches	280 mm 11.0 inches
J STANDOVER HEIGHT	760 mm 29.9 inches	795 mm 31.3 inches	824 mm 32.4 inches	854 mm 33.6 inches
WHEELBASE	1035 mm 40.7 inches	1036 mm 40.8 inches	1039 mm 40.9 inches	1044 mm 41.1 inches
K REACH	378 mm 14.9 inches	377 mm 14.8 inches	376 mm 14.8 inches	377 mm 14.8 inches
L STACK	566 mm 22.3 inches	587 mm 23.1 inches	608 mm 23.9 inches	633 mm 24.9 inches
STEM LENGTH	90 mm	90 mm	100 mm	100 mm

GEOMETRY



PLASMA 3

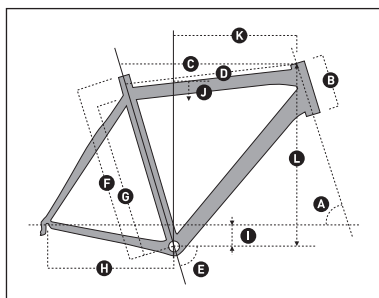
	S	M	L
A HEAD TUBE ANGLE	72.5°	73.0°	73.0°
B HEADTUBE LENGTH	108 mm 4.3 inches	138 mm 5.4 inches	169 mm 6.7 inches
C TOPTUBE LENGTH HORIZONTAL	517 mm 20.4 inches	550 mm 21.7 inches	572 mm 22.5 inches
E SEAT TUBE ANGLE	76.0°	76.0°	76.0°
F BB CENTER TO TOPTUBE CENTER	510 mm 20.1 inches	540 mm 21.3 inches	570 mm 22.4 inches
H CHAINSTAY LENGTH	405 mm 15.9 inches	405 mm 15.9 inches	405 mm 15.9 inches
I BB OFFSET	-65 mm -2.6 inches	-65 mm -2.6 inches	-65 mm -2.6 inches
J STANDOVER HEIGHT	780 mm 30.7 inches	810 mm 31.9 inches	840 mm 33.1 inches
K REACH	390 mm 15.4 inches	415 mm 16.3 inches	430 mm 16.9 inches
STEM LENGTH	75 mm	75 mm	90 mm



PLASMA 2

	XXS/47	XS/49	S/52	M/54	L/56
A HEAD TUBE ANGLE	71.0°	71.5°	72.0°	72.5°	72.5°
B HEADTUBE LENGTH	90 mm 3.5 inches	100 mm 3.9 inches	110 mm 4.3 inches	120 mm 4.7 inches	140 mm 5.5 inches
C TOPTUBE LENGTH HORIZONTAL	490 mm 19.3 inches	505 mm 19.9 inches	520 mm 20.5 inches	535 mm 21.1 inches	552 mm 21.7 inches
E SEAT TUBE ANGLE	76.0°	76.0°	76.0°	76.0°	76.0°
F BB CENTER TO TOP OF SEATTUBE	480 mm 18.9 inches	491 mm 19.3 inches	503 mm 19.8 inches	514 mm 20.2 inches	533 mm 21.0 inches
G BB CENTER TO TOPTUBE CENTER	465 mm 18.3 inches	476 mm 18.7 inches	488 mm 19.2 inches	499 mm 19.6 inches	519 mm 20.4 inches
H CHAINSTAY LENGTH	406 mm 16.0 inches	406 mm 16.0 inches	406 mm 16.0 inches	406 mm 16.0 inches	406 mm 16.0 inches
I BB OFFSET	-70 mm -2.8 inches	-70 mm -2.8 inches	-70 mm -2.8 inches	-70 mm -2.8 inches	-70 mm -2.8 inches
J STANDOVER HEIGHT	720 mm 28.3 inches	739 mm 29.1 inches	759 mm 29.9 inches	779 mm 30.7 inches	798 mm 31.4 inches
WHEELBASE	960 mm 37.8 inches	972 mm 38.3 inches	983 mm 38.7 inches	995 mm 39.2 inches	1013 mm 39.9 inches
STEM LENGTH	80 mm	90 mm	90 mm	110 mm	110 mm

GEOMETRY



OTG 10

	S	M	L
A HEAD TUBE ANGLE	72.0°	72.0°	72.0°
B HEADTUBE LENGTH	100 mm 3.9 inches	130 mm 5.1 inches	150 mm 5.9 inches
C TOP TUBE LENGTH HORIZONTAL	545 mm 21.5 inches	558 mm 22.0 inches	560 mm 22.0 inches
D TOP TUBE LENGTH ACTUAL	546 mm 21.5 inches	562 mm 22.1 inches	564 mm 22.2 inches
E SEAT TUBE ANGLE	74.0°	74.0°	74.0°
F BB CENTER TO TOP OF SEATTUBE	520 mm 20.5 inches	560 mm 22.0 inches	580 mm 22.8 inches
G BB CENTER TO TOP TUBE CENTER	480 mm 18.9 inches	520 mm 20.5 inches	540 mm 21.3 inches
H CHAINSTAY LENGTH	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches
I BB OFFSET	-58 mm -2.3 inches	-58 mm -2.3 inches	-58 mm -2.3 inches
BB HEIGHT	282 mm 11.1 inches	282 mm 11.1 inches	282 mm 11.1 inches
J STANDOVER HEIGHT	818 mm 32.2 inches	845 mm 33.3 inches	875 mm 34.4 inches
WHEELBASE	1008 mm 39.7 inches	1022 mm 40.2 inches	1026 mm 40.4 inches
K REACH	414 mm 16.3 inches	408 mm 16.1 inches	405 mm 15.9 inches
L STACK	498 mm 19.6 inches	523 mm 20.6 inches	540 mm 21.3 inches
STEM LENGTH	90 mm	90 mm	90 mm

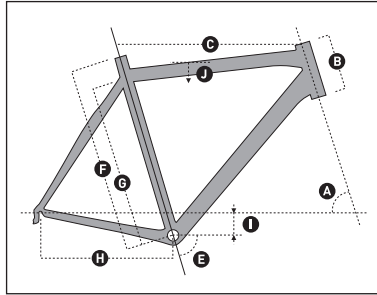
OTG 20

	S	M	L
A HEAD TUBE ANGLE	72.0°	72.0°	72.0°
B HEADTUBE LENGTH	100 mm 3.9 inches	130 mm 5.1 inches	150 mm 5.9 inches
C TOP TUBE LENGTH HORIZONTAL	545 mm 21.5 inches	558 mm 22.0 inches	560 mm 22.0 inches
D TOP TUBE LENGTH ACTUAL	543 mm 21.4 inches	559 mm 22.0 inches	561 mm 22.1 inches
E SEAT TUBE ANGLE	74.0°	74.0°	74.0°
F BB CENTER TO TOP OF SEATTUBE	520 mm 20.5 inches	560 mm 22.0 inches	580 mm 22.8 inches
G BB CENTER TO TOP TUBE CENTER	480 mm 18.9 inches	520 mm 20.5 inches	540 mm 21.3 inches
H CHAINSTAY LENGTH	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches
I BB OFFSET	-58 mm -2.3 inches	-58 mm -2.3 inches	-58 mm -2.3 inches
BB HEIGHT	282 mm 11.1 inches	282 mm 11.1 inches	282 mm 11.1 inches
J STANDOVER HEIGHT	821 mm 32.3 inches	852 mm 33.5 inches	880 mm 34.6 inches
WHEELBASE	1009 mm 39.7 inches	1023 mm 40.3 inches	1026 mm 40.4 inches
K REACH	398 mm 15.7 inches	397 mm 15.6 inches	397 mm 15.6 inches
L STACK	506 mm 19.9 inches	534 mm 21.0 inches	553 mm 21.8 inches
STEM LENGTH	90 mm	90 mm	90 mm

CYCLOCROSS

	S	M	L	XL
A HEAD TUBE ANGLE	70.0°	70.5°	71.0°	71.0°
B HEADTUBE LENGTH	100 mm 3.9 inches	120 mm 4.7 inches	140 mm 5.5 inches	160 mm 6.3 inches
C TOP TUBE LENGTH HORIZONTAL	520 mm 20.5 inches	530 mm 20.9 inches	545 mm 21.5 inches	560 mm 22.0 inches
E SEAT TUBE ANGLE	74.0°	73.5°	73.0°	73.0°
F BB CENTER TO TOP OF SEATTUBE	520 mm 20.5 inches	540 mm 21.3 inches	560 mm 22.0 inches	580 mm 22.8 inches
G BB CENTER TO TOP TUBE CENTER	450 mm 17.7 inches	470 mm 18.5 inches	490 mm 19.3 inches	510 mm 20.1 inches
H CHAINSTAY LENGTH	422 mm 16.6 inches	422 mm 16.6 inches	422 mm 16.6 inches	422 mm 16.6 inches
I BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
J STANDOVER HEIGHT	758 mm 29.8 inches	783 mm 30.8 inches	796 mm 31.3 inches	817 mm 32.2 inches
WHEELBASE	1009 mm 39.7 inches	1011 mm 39.8 inches	1016 mm 40.0 inches	1032 mm 40.6 inches
STEM LENGTH	110 mm	110 mm	110 mm	120 mm

GEOMETRY



SPORTSTER MEN 10 - 55

	S	M	L	XL	XXL
A HEAD TUBE ANGLE	71.0°	71.5°	72.0°	72.5°	72.5°
B HEADTUBE LENGTH	105 mm 4.1 inches	125 mm 4.9 inches	145 mm 5.7 inches	165 mm 6.5 inches	185 mm 7.3 inches
C TOPTUBE LENGTH HORIZONTAL	567 mm 22.3 inches	577 mm 22.7 inches	592 mm 23.3 inches	608 mm 23.9 inches	620 mm 24.4 inches
E SEAT TUBE ANGLE	73.0°	72.5°	72.5°	72.0°	72.0°
F BB CENTER TO TOP OF SEATTUBE	450 mm 17.7 inches	480 mm 18.9 inches	510 mm 20.1 inches	550 mm 21.7 inches	590 mm 23.2 inches
G BB CENTER TO TOPTUBE CENTER	379 mm 14.9 inches	409 mm 16.1 inches	439 mm 17.3 inches	479 mm 18.9 inches	519 mm 20.4 inches
H CHAINSTAY LENGTH	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches
I BB OFFSET	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches
J STANDOVER HEIGHT	758 mm 29.8 inches	785 mm 30.9 inches	811 mm 31.9 inches	843 mm 33.2 inches	873 mm 34.4 inches
WHEELBASE	1068 mm 42.0 inches	1068 mm 42.0 inches	1077 mm 42.4 inches	1081 mm 42.6 inches	- -
STEM LENGTH	75 mm	90 mm	100 mm	110 mm	120 mm

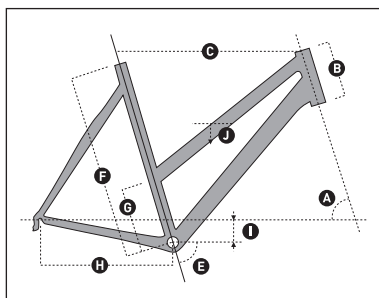
SPORTSTER MEN 60

	S	M	L	XL
A HEAD TUBE ANGLE	69.5°	70.0°	70.5°	71.0°
B HEADTUBE LENGTH	130 mm 5.1 inches	135 mm 5.3 inches	155 mm 6.1 inches	175 mm 6.9 inches
C TOPTUBE LENGTH HORIZONTAL	555 mm 21.9 inches	567 mm 22.3 inches	577 mm 22.7 inches	592 mm 23.3 inches
D SEAT TUBE ANGLE	73.5°	73.0°	72.5°	72.5°
E BB CENTER TO TOP OF SEATTUBE	440 mm 17.3 inches	480 mm 18.9 inches	520 mm 20.5 inches	550 mm 21.7 inches
F BB CENTER TO TOPTUBE CENTER	383 mm 15.1 inches	420 mm 16.5 inches	455 mm 17.9 inches	483 mm 19.0 inches
G CHAINSTAY LENGTH	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches
H BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
I STANDOVER HEIGHT	735 mm 28.9 inches	762 mm 30.0 inches	792 mm 31.2 inches	817 mm 32.2 inches
WHEELBASE	1080 mm 42.5 inches	1082 mm 42.6 inches	1082 mm 42.6 inches	1093 mm 43.0 inches
STEM LENGTH	80 mm	90 mm	100 mm	110 mm

SPORTSTER SOLUTION 20 - 30

	S	M	L	XL
A HEAD TUBE ANGLE	70.5°	71.0°	71.5°	72.0°
B HEADTUBE LENGTH	115 mm 4.5 inches	130 mm 5.1 inches	155 mm 6.1 inches	180 mm 7.1 inches
C TOPTUBE LENGTH HORIZONTAL	550 mm 21.7 inches	565 mm 22.2 inches	575 mm 22.6 inches	590 mm 23.2 inches
E SEAT TUBE ANGLE	73.5°	73.0°	72.5°	72.5°
F BB CENTER TO TOP OF SEATTUBE	420 mm 16.5 inches	460 mm 18.1 inches	500 mm 19.7 inches	540 mm 21.3 inches
G BB CENTER TO TOPTUBE CENTER	320 mm 12.6 inches	353 mm 13.9 inches	393 mm 15.5 inches	434 mm 17.1 inches
H CHAINSTAY LENGTH	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches
I BB OFFSET	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches
J STANDOVER HEIGHT	729 mm 28.7 inches	755 mm 29.7 inches	792 mm 31.2 inches	826 mm 32.5 inches
WHEELBASE	1059 mm 41.7 inches	1063 mm 41.9 inches	1074 mm 42.3 inches	-
STEM LENGTH	75 mm	90 mm	100 mm	100 mm

GEOMETRY



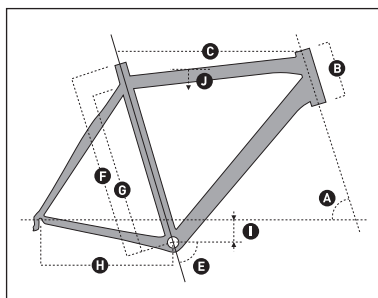
SPORTSTER LADY 40 - 55

	S	M	L	XL
A HEAD TUBE ANGLE	70.5°	71.0°	71.5°	72.0°
B HEADTUBE LENGTH	115 mm 4.5 inches	130 mm 5.1 inches	155 mm 6.1 inches	180 mm 7.1 inches
C TOPTUBE LENGTH HORIZONTAL	550 mm 21.7 inches	565 mm 22.2 inches	575 mm 22.6 inches	590 mm 23.2 inches
D SEAT TUBE ANGLE	73.5°	73.0°	72.5°	72.5°
E BB CENTER TO TOP OF SEATTUBE	420 mm 16.5 inches	460 mm 18.1 inches	500 mm 19.7 inches	540 mm 21.3 inches
F BB CENTER TO TOPTUBE CENTER	240 mm 9.4 inches	240 mm 9.4 inches	250 mm 9.8 inches	250 mm 9.8 inches
G CHAINSTAY LENGTH	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches
H BB OFFSET	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches	-56 mm -2.2 inches
I STANDOVER HEIGHT	663 mm 26.1 inches	668 mm 26.3 inches	688 mm 27.1 inches	695 mm 27.4 inches
WHEELBASE	1059 mm 41.7 inches	1063 mm 41.9 inches	1074 mm 42.3 inches	-
STEM LENGTH	70 mm	80 mm	90 mm	100 mm

SPORTSTER LADY 60

	S	M	L
A HEAD TUBE ANGLE	69.5°	70.0°	70.5°
B HEADTUBE LENGTH	145 mm 5.7 inches	160 mm 6.3 inches	185 mm 7.3 inches
C TOPTUBE LENGTH HORIZONTAL	550 mm 21.7 inches	565 mm 22.2 inches	575 mm 22.6 inches
D SEAT TUBE ANGLE	73.5°	73.0°	72.5°
E BB CENTER TO TOP OF SEATTUBE	420 mm 16.5 inches	460 mm 18.1 inches	500 mm 19.7 inches
F BB CENTER TO TOPTUBE CENTER	240 mm 9.4 inches	240 mm 9.4 inches	240 mm 9.4 inches
G CHAINSTAY LENGTH	456 mm 18.0 inches	456 mm 18.0 inches	456 mm 18.0 inches
H BB OFFSET	-60 mm -2.4 inches	-60 mm -2.4 inches	-60 mm -2.4 inches
I STANDOVER HEIGHT	644 mm 25.4 inches	649 mm 25.6 inches	668 mm 26.3 inches
WHEELBASE	1076 mm 42.4 inches	1081 mm 42.6 inches	1081 mm 42.6 inches
STEM LENGTH	70 mm	80 mm	90 mm

GEOMETRY



SUB & VENTURE MEN

	XS		S		M		L		XL	
A HEAD TUBE ANGLE	69.5°		70.5°		71.0°		71.5°		72.0°	
B HEADTUBE LENGTH	135 mm	5.3 inches	145 mm	5.7 inches	155 mm	6.1 inches	175 mm	6.9 inches	195 mm	7.7 inches
C TOPTUBE LENGTH HORIZONTAL	545 mm	21.5 inches	555 mm	21.9 inches	567 mm	22.3 inches	577 mm	22.7 inches	592 mm	23.3 inches
E SEAT TUBE ANGLE	73.5°		73.5°		73.0°		72.5°		72.5°	
F BB CENTER TO TOP OF SEATTUBE	420 mm	16.5 inches	440 mm	17.3 inches	480 mm	18.9 inches	520 mm	20.5 inches	550 mm	21.7 inches
G BB CENTER TO TOPTUBE CENTER	354 mm	13.9 inches	373 mm	14.7 inches	414 mm	16.3 inches	454 mm	17.9 inches	484 mm	19.1 inches
H CHAINSTAY LENGTH	456 mm	18.0 inches	456 mm	18.0 inches	456 mm	18.0 inches	456 mm	18.0 inches	456 mm	18.0 inches
I BB OFFSET	-60 mm	-2.4 inches	-60 mm	-2.4 inches	-60 mm	-2.4 inches	-60 mm	-2.4 inches	-60 mm	-2.4 inches
J STANDOVER HEIGHT	690 mm	27.2 inches	735 mm	28.9 inches	763 mm	30.0 inches	795 mm	31.3 inches	821 mm	32.3 inches
WHEELBASE	1062 mm	41.8 inches	1073 mm	42.2 inches	1074 mm	42.3 inches	1075 mm	42.3 inches	1080 mm	42.5 inches
STEM LENGTH	90 mm		90 mm		90 mm		100 mm		100 mm	

SUB & VENTURE SOLUTION

	S		M		L		XL	
A HEAD TUBE ANGLE	70.0°		75°		71.0°		71.5°	
B HEADTUBE LENGTH	155 mm	6.1 inches	165 mm	6.5 inches	185 mm	7.3 inches	205 mm	8.1 inches
C TOPTUBE LENGTH HORIZONTAL	540 mm	21.3 inches	550 mm	21.7 inches	565 mm	22.2 inches	578 mm	22.8 inches
E SEAT TUBE ANGLE	73.5°		73.5°		73.0°		72.0°	
F BB CENTER TO TOP OF SEATTUBE	430 mm	16.9 inches	470 mm	18.5 inches	510 mm	20.1 inches	540 mm	21.3 inches
G BB CENTER TO TOPTUBE CENTER	341 mm	13.4 inches	363 mm	14.3 inches	404 mm	15.9 inches	434 mm	17.1 inches
H CHAINSTAY LENGTH	456 mm	18.0 inches	456 mm	18.0 inches	456 mm	18.0 inches	456 mm	18.0 inches
I BB OFFSET	-60 mm	-2.4 inches	-60 mm	-2.4 inches	-60 mm	-2.4 inches	-60 mm	-2.4 inches
J STANDOVER HEIGHT	722 mm	28.4 inches	739 mm	29.1 inches	771 mm	30.4 inches	798 mm	31.4 inches
WHEELBASE	1043 mm	41.1 inches	1044 mm	41.1 inches	1055 mm	41.5 inches	1061 mm	41.8 inches
STEM LENGTH	80 mm		80 mm		90 mm		100 mm	

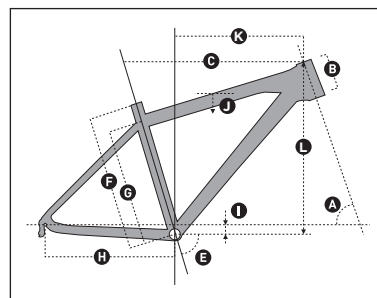
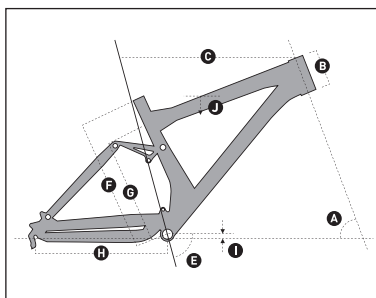
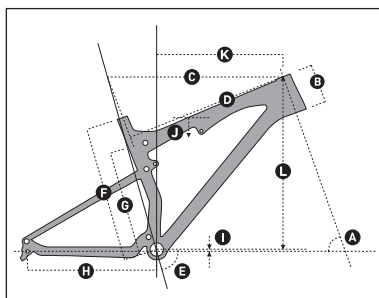
E-VENTURE

E-Venture bikes have same geometry as Sub & Sportster.

Sub geometry for models E-Venture 10, E-Venture 30 (rigid fork)

Sportster geometry for models E-Venture 20 (suspended fork)

GEOMETRY



CONTESSA SPARK CARBON 26"

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in
C TOPTUBE LENGTH HORIZONTAL	553 mm 21.8 in	555 mm 21.9 in	589 mm 23.2 in	590 mm 23.2 in	618 mm 24.3 in	620 mm 24.4 in
D TOPTUBE LENGTH ACTUAL	509 mm 20.0 in	509 mm 20.0 in	540 mm 21.3 in	540 mm 21.3 in	570 mm 22.4 in	570 mm 22.4 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in
WHEELBASE	1072 mm 42.2 in	1073 mm 42.2 in	1108 mm 43.6 in	1109 mm 43.7 in	1140 mm 44.9 in	1141 mm 44.9 in
K REACH	397 mm 15.6 in	391 mm 15.4 in	429 mm 16.9 in	423 mm 16.7 in	453 mm 17.8 in	448 mm 17.6 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm

CONTESSA SPARK ALLOY 26"

	S HIGH BB SETTING	S LOW BB SETTING	M HIGH BB SETTING	M LOW BB SETTING	L HIGH BB SETTING	L LOW BB SETTING
A HEAD TUBE ANGLE	68.7°	68.0°	68.7°	68.0°	68.7°	68.0°
B HEADTUBE LENGTH	110 mm 4.3 in	110 mm 4.3 in	120 mm 4.7 in	120 mm 4.7 in	140 mm 5.5 in	140 mm 5.5 in
C TOPTUBE LENGTH HORIZONTAL	533 mm 21.0 in	535 mm 21.1 in	569 mm 22.4 in	570 mm 22.4 in	598 mm 23.5 in	600 mm 23.6 in
D TOPTUBE LENGTH ACTUAL	489 mm 19.2 in	489 mm 19.2 in	520 mm 20.5 in	520 mm 20.5 in	550 mm 21.7 in	550 mm 21.7 in
E SEAT TUBE ANGLE	74.2°	73.5°	74.2°	73.5°	74.2°	73.5°
F BB CENTER TO TOP OF SEATTUBE	400 mm 15.7 in	400 mm 15.7 in	450 mm 17.7 in	450 mm 17.7 in	490 mm 19.3 in	490 mm 19.3 in
G BB CENTER TO TOPTUBE CENTER	331 mm 13.0 in	331 mm 13.0 in	347 mm 13.7 in	347 mm 13.7 in	395 mm 15.6 in	395 mm 15.6 in
H CHAINSTAY LENGTH	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in	420 mm 16.5 in
I BB OFFSET	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in	2 mm 0.1 in	-8 mm -0.3 in
J BB HEIGHT	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in	342 mm 13.5 in	332 mm 13.1 in
STANDOVER HEIGHT	757 mm 29.8 in	753 mm 29.6 in	767 mm 30.2 in	763 mm 30.0 in	804 mm 31.7 in	800 mm 31.5 in
WHEELBASE	1052 mm 41.4 in	1053 mm 41.5 in	1088 mm 42.8 in	1089 mm 42.9 in	1120 mm 44.1 in	1121 mm 44.1 in
K REACH	377 mm 14.8 in	371 mm 14.6 in	409 mm 16.1 in	403 mm 15.9 in	433 mm 17.0 in	428 mm 16.9 in
L STACK	552 mm 21.7 in	556 mm 21.9 in	561 mm 22.1 in	565 mm 22.2 in	579 mm 22.8 in	583 mm 23.0 in
STEM LENGTH	70 mm	70 mm	80 mm	80 mm	90 mm	90 mm

GEOMETRY

CONTESSA GENIUS

	S	M	L
A HEAD TUBE ANGLE	68.3°	68.5°	68.7°
B HEADTUBE LENGTH	100 mm 3.9 inches	115 mm 4.5 inches	135 mm 5.3 inches
C TOPTUBE LENGTH HORIZONTAL	555 mm 21.9 inches	585 mm 23.0 inches	610 mm 24.0 inches
E SEAT TUBE ANGLE	73.5°	73.5°	73.5°
F BB CENTER TO TOP OF SEATTUBE	440 mm 17.3 inches	450 mm 17.7 inches	475 mm 18.7 inches
G BB CENTER TO TOPTUBE CENTER	337 mm 13.3 inches	358 mm 14.1 inches	384 mm 15.1 inches
H CHAINSTAY LENGTH	428 mm 16.9 inches	428 mm 16.9 inches	428 mm 16.9 inches
I BB OFFSET	10 mm 0.4 inches	10 mm 0.4 inches	10 mm 0.4 inches
J STANDOVER HEIGHT	771 mm 30.4 inches	786 mm 30.9 inches	807 mm 31.8 inches
WHEELBASE	1088 mm 42.8 inches	1117 mm 44.0 inches	1141 mm 44.9 inches
STEM LENGTH	80 mm	80 mm	90 mm

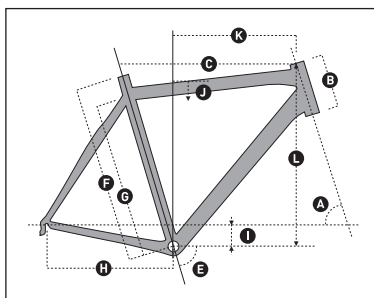
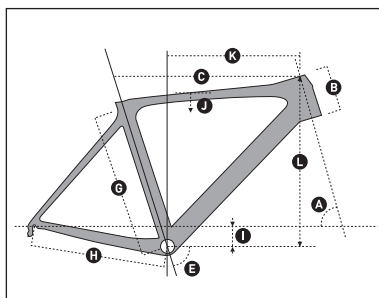
CONTESSA SCALE 26"

	S	M	L
A HEAD TUBE ANGLE	70.0°	70.0°	70.0°
B HEADTUBE LENGTH	110 mm 4.3 inches	120 mm 4.7 inches	135 mm 5.3 inches
C TOPTUBE LENGTH HORIZONTAL	555 mm 21.9 inches	585 mm 23.0 inches	610 mm 24.0 inches
E SEAT TUBE ANGLE	73.5°	73.5°	73.5°
F BB CENTER TO TOP OF SEATTUBE	390 mm 15.4 inches	440 mm 17.3 inches	480 mm 18.9 inches
G BB CENTER TO TOPTUBE CENTER	324 mm 12.8 inches	374 mm 14.7 inches	414 mm 16.3 inches
H CHAINSTAY LENGTH	420 mm 16.5 inches	420 mm 16.5 inches	420 mm 16.5 inches
I BB OFFSET	30 mm 1.2 inches	30 mm 1.2 inches	30 mm 1.2 inches
BB HEIGHT	310 mm 12.2 inches	310 mm 12.2 inches	310 mm 12.2 inches
J STANDOVER HEIGHT	733 mm 28.9 inches	765 mm 30.1 inches	792 mm 31.2 inches
WHEELBASE	1073 mm 42.2 inches	1073 mm 42.2 inches	1099 mm 43.3 inches
K REACH	387 mm 15.2 inches	414 mm 16.3 inches	435 mm 17.1 inches
L STACK	566 mm 22.3 inches	576 mm 22.7 inches	590 mm 23.2 inches
STEM LENGTH	80 mm	90 mm	100 mm

CONTESSA SPORT & ACTIVE ALLOY HARDTAIL

	XS	S	M	L	XL
A HEAD TUBE ANGLE	69.0°	69.5°	70.0°	70.0°	70.5°
B HEADTUBE LENGTH	100 mm 3.9 inches	110 mm 4.3 inches	120 mm 4.7 inches	135 mm 5.3 inches	150 mm 5.9 inches
C TOPTUBE LENGTH HORIZONTAL	540 mm 21.3 inches	545 mm 21.5 inches	555 mm 21.9 inches	565 mm 22.2 inches	575 mm 22.6 inches
E SEAT TUBE ANGLE	74.0°	73.5°	73.0°	73.0°	73.0°
F BB CENTER TO TOP OF SEATTUBE	330 mm 13.0 inches	370 mm 14.6 inches	410 mm 16.1 inches	460 mm 18.1 inches	510 mm 20.1 inches
G BB CENTER TO TOPTUBE CENTER	280 mm 11.0 inches	320 mm 12.6 inches	360 mm 14.2 inches	410 mm 16.1 inches	460 mm 18.1 inches
H CHAINSTAY LENGTH	430 mm 16.9 inches	430 mm 16.9 inches	430 mm 16.9 inches	430 mm 16.9 inches	430 mm 16.9 inches
I BB OFFSET	32 mm 1.3 inches	32 mm 1.3 inches	30 mm 1.3 inches	32 mm 1.3 inches	32 mm 1.3 inches
J STANDOVER HEIGHT	699 mm 27.5 inches	718 mm 28.3 inches	738 mm 29.1 inches	758 mm 29.8 inches	778 mm 30.6 inches
WHEELBASE	1049 mm 41.3 inches	1045 mm 41.1 inches	1045 mm 41.1 inches	1056 mm 41.6 inches	1061 mm 41.8 inches
STEM LENGTH	60 mm	75 mm	75 mm	90 mm	90 mm

GEOMETRY



CONTESSA FOIL

	XXS/47		XS/49		S/52		M/54		L/56	
A HEAD TUBE ANGLE	70.5°		71.0°		72.0°		73.0°		73.0°	
B HEADTUBE LENGTH	100 mm	3.9 inches	105 mm	4.1 inches	120 mm	4.7 inches	140 mm	5.5 inches	160 mm	6.3 inches
C TOPTUBE LENGTH HORIZONTAL	510 mm	20.1 inches	520 mm	20.5 inches	535 mm	21.1 inches	550 mm	21.7 inches	565 mm	22.2 inches
E SEAT TUBE ANGLE	74.5°		74.5°		74.0°		73.3°		73.3°	
G BB CENTER TO TOPTUBE CENTER	410 mm	16.1 inches	430 mm	16.9 inches	460 mm	18.1 inches	480 mm	18.9 inches	500 mm	19.7 inches
H CHAINSTAY LENGTH	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches
I BB OFFSET	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches
J STANDOVER HEIGHT	717 mm	28.2 inches	731 mm	28.8 inches	755 mm	29.7 inches	775 mm	30.5 inches	794 mm	31.3 inches
WHEELBASE	972 mm	38.3 inches	978 mm	38.5 inches	980 mm	38.6 inches	979 mm	38.5 inches	994 mm	39.1 inches
K REACH	371 mm	14.6 inches	379 mm	14.9 inches	384 mm	15.1 inches	385 mm	15.2 inches	394 mm	15.5 inches
L STACK	503 mm	19.8 inches	509 mm	20.0 inches	527 mm	20.7 inches	549 mm	21.6 inches	569 mm	22.4 inches
STEM LENGTH	90 mm		100 mm		110 mm		110 mm		110 mm	

CONTESSA CRI

	XXS/47		XS/49		S/52		M/54		L/56	
A HEAD TUBE ANGLE	70.5°		71.0°		73.0°		73.0°		73.0°	
B HEADTUBE LENGTH	111 mm	4.4 inches	116 mm	4.6 inches	136 mm	5.4 inches	156 mm	6.1 inches	176 mm	6.9 inches
C TOPTUBE LENGTH HORIZONTAL	505 mm	19.9 inches	515 mm	20.3 inches	530 mm	20.9 inches	545 mm	21.5 inches	560 mm	22.0 inches
E SEAT TUBE ANGLE	75.0°		75.0°		74.5°		74.0°		73.5°	
F BB CENTER TO TOP OF SEATTUBE	470 mm	18.5 inches	490 mm	19.3 inches	520 mm	20.5 inches	540 mm	21.3 inches	560 mm	22.0 inches
G BB CENTER TO TOPTUBE CENTER	410 mm	16.1 inches	430 mm	16.9 inches	460 mm	18.1 inches	480 mm	18.9 inches	500 mm	19.7 inches
H CHAINSTAY LENGTH	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches
I BB OFFSET	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches
J STANDOVER HEIGHT	723 mm	28.5 inches	737 mm	29.0 inches	765 mm	30.1 inches	784 mm	30.9 inches	803 mm	31.6 inches
WHEELBASE	975 mm	38.4 inches	978 mm	38.5 inches	980 mm	38.6 inches	981 mm	38.6 inches	992 mm	39.1 inches
K REACH	368 mm	14.5 inches	376 mm	14.8 inches	379 mm	14.9 inches	383 mm	15.1 inches	387 mm	15.2 inches
L STACK	513 mm	20.2 inches	519 mm	20.4 inches	545 mm	21.5 inches	565 mm	22.2 inches	584 mm	23.0 inches
STEM LENGTH	90 mm		100 mm		110 mm		110 mm		110 mm	

CONTESSA SPEEDSTER

	XXS/47		XS/49		S/52		M/54		L/56	
A HEAD TUBE ANGLE	70.5°		71.0°		72.5°		73.0°		73.0°	
B HEADTUBE LENGTH	105 mm	4.1 inches	110 mm	4.3 inches	130 mm	5.1 inches	150 mm	5.9 inches	170 mm	6.7 inches
C TOPTUBE LENGTH HORIZONTAL	505 mm	19.9 inches	515 mm	20.3 inches	530 mm	20.9 inches	545 mm	21.5 inches	560 mm	22.0 inches
E SEAT TUBE ANGLE	75.0°		75.0°		74.5°		74.0°		73.5°	
F BB CENTER TO TOP OF SEATTUBE	470 mm	18.5 inches	490 mm	19.3 inches	520 mm	20.5 inches	540 mm	21.3 inches	560 mm	22.0 inches
G BB CENTER TO TOPTUBE CENTER	410 mm	16.1 inches	430 mm	16.9 inches	460 mm	18.1 inches	480 mm	18.9 inches	500 mm	19.7 inches
H CHAINSTAY LENGTH	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches	405 mm	15.9 inches
I BB OFFSET	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches	-67 mm	-2.6 inches
J STANDOVER HEIGHT	713 mm	28.1 inches	733 mm	28.9 inches	753 mm	29.6 inches	778 mm	30.6 inches	791 mm	31.1 inches
WHEELBASE	970 mm	38.2 inches	976 mm	38.4 inches	974 mm	38.3 inches	980 mm	38.6 inches	989 mm	38.9 inches
STEM LENGTH	90 mm		100 mm		110 mm		110 mm		110 mm	

BIKE NAME	BS-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC / DIMENSION	STEM LENGTH IN MM
SPARK SL	XX 2.2 W/GXP BB	XX DMD	170(S); 175(M-XL)	SUPERLOGIC CARBON LOGIC ZERO PRESS FIT TAPER H=18	100MM(XL); 60MM(S); 80MM(M); 90MM(L)
SPARK PREMIUM	FC-M980 W/O BB SM-BB91-41A	FD-M980-E (E-TYPE)	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SPARK RC	XX 2.2 W/GXP BB	XX DMD	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SPARK 10	XO GXP 2.2 W/GXP BB	XO LDM	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-30 H=12.9	100MM(XL); 60MM(S); 75MM(L); 80MM(M)
SPARK 20	FC-M780 W/O BB SM-BB71-41A	FD-M780-E (E-TYPE)	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 30	FC-M780 W/O BB SM-BB71-41A	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 35	S1000 PF GXP W/PF GXP BB	X7 LDM	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 40	FC-M780 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 50	FC-M552 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 60	FC-M590-L W/BB	FD-M660-E (E-TYPE)	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 70	FCM430(9S) (OCT) BB-ES25 73	FD-M660-E (E-TYPE)	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 29 RC	XX 2.2 W/GXP BB	XX DMD	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SPARK 29 PRO	S2210 W/GXP BB	X9 LDM	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 29 EXPERT	FC-M780 W/O BB SM-BB71-41A	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 29 ELITE	FC-M780 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 29 TEAM	FC-M522 BB-ES25 73	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SPARK 29 COMP	FCM430(9S) (OCT) BB-ES25 73	FD-M660-E (E-TYPE)	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)

SCALE SL	XX 2.2 W/PF BB	FD-XX 38.2	170(S); 175(M-XL)	SUPERLOGIC CARBON LOGIC ZERO PRESS FIT TAPER H=18	100MM(XL); 60MM(S); 80MM(M); 90MM(L)
SCALE PREMIUM	FC-M980 W/O BB SM-BB91-41A	FD-M981 34.9	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SCALE RC	XX 2.2 W/PF BB	FD-XX 38.2	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SCALE 10	XO GXP 2.2 W/GXP BB	XO2X10S 34.9	170(S); 175(M-XL)	PRO LOGIC ZERO TAPER 1-1/8"-15" 28.6-44-55-39.8 H=12.9	100MM(XL); 60MM(S); 75MM(L); 80MM(M)
SCALE 20	FC-M780 W/O BB SM-BB71-41A	FD-M781 34.9	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	100MM(L); 110MM(XL); 75MM(S); 90MM(M); 100MM(L)
SCALE 30	FC-M780 W/O BB SM-BB71-41A	FD-M661 34.9	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(L); 110MM(XL); 75MM(S); 90MM(M)
SCALE 35	S1000 PF GXP W/PF GXP BB	X7 FD 34.9	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(L); 110MM(XL); 75MM(S); 90MM(M)
SCALE 40	FC-M780 W/BB	FD-M660-10 34.9	170(XS-S); 175(M-XXL)	COMP LOGIC ZERO PF PLUS 28.6-30-44 H=11	100MM(L); 110MM(XL); 120MM(XXL); 75MM(XS-S); 90MM(M)
SCALE 50	FC-M552 W/BB	FD-M660-10 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L); 110MM(XL); 120MM(XXL); 75MM(XS-S); 90MM(M)
SCALE 60	FC-M552 W/BB	FD-M590 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L); 110MM(XL); 120MM(XXL); 75MM(XS-S); 90MM(M)
SCALE 70	FCM430(9S) (OCT) BB-ES25 68	FD-M590 34.9	170(XS-S); 175(M-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L); 110MM(XL); 120MM(XXL); 75MM(XS-S); 90MM(M)
SCALE 80	BB-ES25, 68/118	AFDM430L6 / 34.9	170(XS-S); 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1-1/8"X44X30, H: 9.4	75(XS/S); 90(M); 100(L); 110(XL); 120(XLL)
SCALE 29 RC	XX 2.2 W/GXP BB	FD-XX 34.9	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	80MM(M); 90MM(L); 70MM(S); 100MM(XL)
SCALE 29 PRO	S2210 W/GXP BB	X9 2X10S 34.9	170(S); 175(M-XL)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	100MM(XL); 75MM(S-M); 90MM(L)
SCALE 29 EXPERT	FC-M780 W/O BB SM-BB71-41A	FD-M661 34.9	170(S); 175(M-XL)	COMP PLUS LOGIC ZERO PRESS FIT TAPERH=13.7	100MM(XL); 75MM(S-M); 90MM(L)
SCALE 29 ELITE	FC-M552 W/BB	FD-M660-10 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SCALE 29 TEAM	FC-M552 W/BB	FD-M590 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)
SCALE 29 COMP	FCM430(9S) (OCT) BB-ES25 68	FD-M430-6 34.9	170(S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XL); 75MM(S-M); 90MM(L)

GENIUS 10	XO GXP 2.2 W/GXP BB	XO LDM	170(S); 175(M-XL)	PRO LOGIC ZERO PF-12 28.6-44-30 H=12.9	100MM(XL); 70MM(S); 80MM(M); 90MM(L)
GENIUS 20	FCOM780 W/BB	FD-M780-E (E-TYPE)	170(S); 175(M-XL)	LOGIC PRO PF-07 28.6-44-30 H=12.9	100MM(XL); 70MM(S); 80MM(M); 90MM(L)
GENIUS 30	X9 GXP 2.2 W/GXP BB	X7 LDM	170(S); 175(M-XL)	PRO LOGIC ZERO PF-12 28.6-44-30 H=12.9	100MM(XL); 70MM(S); 80MM(M); 90MM(L)
GENIUS 40	FCOM780 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	PRO LOGIC ZERO PF-12 28.6-44-30 H=12.9	100MM(XL); 70MM(S); 80MM(M); 90MM(L)
GENIUS 50	FC-M552 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-XL)	COMP LOGIC ZERO PF PLUS 28.6-30-44 H=11	100MM(XL); 70MM(S); 80MM(M); 90MM(L)

GENIUS LT 10	XO PF W/GXP PF BB	XO LDM	170(S); 175(M-L)	AM PRESS FIT TAPER TAPERED H=12.9	60MM(S-M); 70MM(L)
GENIUS LT 20	X9 PF 3.3 W/GXP PF BB	X7 LDM	170(S); 175(M-L)	AM PRO PF OS 28.6-44-54.9-39.8 TAPER H=12.9	60MM(S-M); 70MM(L)
GENIUS LT 30	FC-M780 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-L)	AM OE PRESS FIT TAPER TAPERED H=11.6	60MM(S-M); 70MM(L)
GENIUS LT 40	FC-M552 W/BB	FD-M660-10E (E-TYPE)	170(S); 175(M-L)	AM OE PRESS FIT TAPER TAPERED H=11.6	60MM(S-M); 70MM(L)

	BAR WIDTH IN MM	SEATPOST DIAMETER IN MM / LENGTH IN MM	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	BIM SPEC.(MODEL, HOLES)	REAR SHOCK (EZE)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
SPARK SL	680	316X400	34.9	XR-SL F 26X24H WHEELSET	XR-SL F 26X24H WHEELSET	XR-SL F 26X24H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK PREMIUM	680	316X400	34.9	TRICON S10 26X24H WHEELSET	TRICON S10 26X24H WHEELSET	TRICON S10 26X24H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK RC	680	316X400	34.9	XR-RS 26X28H WHEELSET	XR-RS 26X28H WHEELSET	XR-RS 26X28H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 10	680	316X400	34.9	XR-10 28H WHEELSET	XR-10 28H WHEELSET	XR-10 28H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 20	680	316X400	34.9	XR-20 F 26X28H WHEELSET	XR-20 F 26X28H WHEELSET	XR-20 F 26X28H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 30	680	316X400	34.9	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 35	680	316X400	34.9	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 40	680	316X400	34.9	TBD	TBD	445D 26X32H	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 50	680	316X350(S); 316X400(M-XL)	34.9	TBD	TBD	XC-44 DISC 26X32H	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 60	680	316X350(S); 316X400(M-XL)	34.9	TBD	TBD	XC-44 DISC 26X32H	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 70	680	316X350(S); 316X400(M-XL)	34.9	TBD	TBD	XC-44 DISC 26X32H	190	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 RC	680	316X400	34.9	XR-RS 29 32H WHEELSET	XR-RS 29 32H WHEELSET	XR-RS 29 32H WHEELSET	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 PRO	680	316X400	34.9	XR-29 32H WHEELSET	XR-29 32H WHEELSET	XR-29 32H WHEELSET	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 EXPERT	680	316X400	34.9	XR-39 32H WHEELSET	XR-39 32H WHEELSET	XR-39 32H WHEELSET	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 ELITE	680	316X400	34.9	TBD	TBD	XC-49 DISC 29X32H	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 TEAM	680	316X400	34.9	TBD	TBD	XC-49 DISC 29X32H	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)
SPARK 29 COMP	680	316X400	34.9	TBD	TBD	XC-49 DISC 29X32H	165	M6X 22.2	BEARING-6X OD24XID15XT5 (6802) / BUSHING-4X OD24X18XID16XT5.5 (JFM-1618-05S)

SCALE SL	680	34.9X400	RC BINDER	XR-SL 26X24H WHEELSET	XR-SL 26X24H WHEELSET	XR-SL 26X24H WHEELSET	NONE	NONE	NONE
SCALE PREMIUM	680	34.9X400	37.8	TRICON S10 F 26X24H WHEELSET	TRICON S10 F 26X24H WHEELSET	TRICON S10 F 26X24H WHEELSET	NONE	NONE	NONE
SCALE RC	680	34.9X400	37.8	XR-RS 26X28H WHEELSET	XR-RS 26X28H WHEELSET	XR-RS 26X28H WHEELSET	NONE	NONE	NONE
SCALE 10	680	34.9X400	37.8	XR-10 28H WHEELSET	XR-10 28H WHEELSET	XR-10 28H WHEELSET	NONE	NONE	NONE
SCALE 20	680	34.9X400	37.8	XR-20 26X28H WHEELSET	XR-20 26X28H WHEELSET	XR-20 26X28H WHEELSET	NONE	NONE	NONE
SCALE 30	680	34.9X400	38.3	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	NONE	NONE	NONE
SCALE 35	680	34.9X400	38.3	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	XR-30 26X28H WHEELSET	NONE	NONE	NONE
SCALE 40	680	316X400	34.9	DT CHAMPION 15G 291LEFT/ 293RIGHT	DT CHAMPION 15G 292LEFT/ 290RIGHT	445D 26X32H	NONE	NONE	NONE
SCALE 50	680	316X400	34.9	DT CHAMPION 15G 292LEFT/ 293RIGHT	DT CHAMPION 15G 292LEFT/ 290RIGHT	445D 26X32H	NONE	NONE	NONE
SCALE 60	680	316X400	34.9	CN 15G 263LEFT /264RIGHT	CN 15G 265.SLEFT/ 262.SRIGHT	XC-44 DISC 26X32H	NONE	NONE	NONE
SCALE 70	680	316X400	34.9	CN 15G 263LEFT/ 264RIGHT	CN 15G 265.SLEFT/ 262.SRIGHT	XC-44 DISC 26X32H	NONE	NONE	NONE
SCALE 80	680	316 / 400	34.9 QR	261/263	261/263	XC44, 14GX32H	NONE	NONE	NONE
SCALE 29 RC	680	34.9X400	37.8	XR-RS 29X32H WHEELSET	XR-RS 29X32H WHEELSET	XR-RS 29X32H WHEELSET	NONE	NONE	NONE
SCALE 29 PRO	680	34.9X400	37.8	XR-29 32H WHEELSET	XR-29 32H WHEELSET	XR-29 32H WHEELSET	NONE	NONE	NONE
SCALE 29 EXPERT	680	34.9X400	38.3	XR-39 29X32H WHEELSET	XR-39 29X32H WHEELSET	XR-39 29X32H WHEELSET	NONE	NONE	NONE
SCALE 29 ELITE	680	316X400	34.9	DT CHAMPION 15G 290LEFT/ 294RIGHT	DT CHAMPION 15G 295LEFT/ 292RIGHT	485D 29X32H	NONE	NONE	NONE
SCALE 29 TEAM	680	316X400	34.9	DT CHAMPION 15G 295LEFT/ 298RIGHT	DT CHAMPION 15G 296LEFT/ 293RIGHT	XC-49 DISC 29X32H	NONE	NONE	NONE
SCALE 29 COMP	680	316X400	34.9	CN 15G 292.SLEFT/ 295.SRIGHT	CN 15G 297LEFT/ 294RIGHT	XC-49 DISC 29X32H	NONE	NONE	NONE

GENIUS 10	680	34.9X400	37.8	XR-15 32H WHEELSET	XR-15 32H WHEELSET	XR-15 32H WHEELSET	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS 20	680	34.9X400	37.8	XR-25 32H WHEELSET	XR-25 32H WHEELSET	XR-25 32H WHEELSET	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS 30	680	34.9X400	37.8	XR-35 26X32H WHEELSET	XR-35 26X32H WHEELSET	XR-35 26X32H WHEELSET	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS 40	680	34.9X400	38.3	DT CHAMPION 15G 260LEFT/ 263RIGHT	DT CHAMPION 15G 262LEFT/ 261RIGHT	465D 26X32H BLK	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS 50	680	34.9X400	38.3	DT CHAMPION 15G 261LEFT/ 264RIGHT	DT CHAMPION 15G 264LEFT/ 263RIGHT	XC-55 26X32H	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING

GENIUS LT 10	700	316X420(M-L); 316X420(S)	34.9	AM-10 32H WHEELSET	AM-10 32H WHEELSET	AM-10 32H WHEELSET	165	M6X14	BEARING: 4X OD24XID15XT5(6802)FULL BALL BEARING / 2X OD26XID17XT5 6803 V2RS / 2X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS LT 20	700	316X420(M-L); 316X420(S)	34.9	AM-20 32H WHEELSET	AM-20 32H WHEELSET	AM-20 32H WHEELSET	165	M6X14	BEARING: 4X OD24XID15XT5(6802)FULL BALL BEARING / 2X OD26XID17XT5 6803 V2RS / 2X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS LT 30	700	316X420	34.9	DT CHAMPION 15G 261LEFT/ 262RIGHT	DT CHAMPION 15G 263LEFT/ 260RIGHT	SK-44 26X32H	165	M6X14	BEARING: 4X OD24XID15XT5(6802)FULL BALL BEARING / 2X OD26XID17XT5 6803 V2RS / 2X OD19XID10XT5 61800-2RS FULL BALL BEARING
GENIUS LT 40	700	316X400	34.9	DT CHAMPION 15G 261LEFT/ 262RIGHT	DT CHAMPION 15G 263LEFT/ 260RIGHT	SK-44 26X32H	165	M6X14	BEARING: 4X OD24XID15XT5(6802)FULL BALL BEARING / 2X OD26XID17XT5 6803 V2RS / 2X OD19XID10XT5 61800-2RS FULL BALL BEARING

BIKE NAME	BB-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC / DIMENSION	STEM LENGTH IN MM
GAMBLER 10	SM-BB80 148/83	NONE	165MM	FSA ORBIT Z 1.5R NO.9M	50MM
GAMBLER 20	HOWITZER TM 148/83	NONE	165MM	FSA ORBIT E 1.5R /12.8	50MM

VOLTAGE FR 10	DESCENDANT GXP 11W/BB 73MM	NIL	165 (SHORT-LONG)	GRAVITY 2(I/I) 28.7-49.65-39.8 H9.8	40MM(SHORT & LONG)
VOLTAGE FR 20	HUSSEFELT 1.0 HW / BB-08-HW-XR-51CL 73	NIL	165 (SHORT-LONG)	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	60MM(SHORT & LONG)
VOLTAGE FR 30	FC RUKTION 1.0 / BB-08-HW-XR-51CL 73	NIL	165 (SHORT-LONG)	ORBIT E1.5R/12.8 28.6-49.65-30 H=8.3	40MM(SHORT & LONG)

VOLTAGE YZ TMO	BB-A71 W/O SPINDLE 8T CRMO BB 73MM / JY-291G CRANK ARM / JY-571	NIL	175 (ONE SIZE)	TH-872 28.6-34-30 H25.9	40MM(ONE SIZE)
VOLTAGE YZ 0.1	BB-17H W/SPINDLE 8T CRMO BB 73MM / JY-212 CRANK ARM / JY-525	NIL	175 (ONE SIZE)	LB PLUS-07 28.6-30-34 H=25.3	40MM(ONE SIZE)
VOLTAGE YZ 0.2	73/165	NONE	170	28.6	40
VOLTAGE JR TMO 24"	73/165	NONE	170	28.6	40
VOLTAGE YZ 10	SHIMANO BB-UN26/122.5/68	FD-M390/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LB-PLUS (41X34)	60 (XS,S,M); 80 (L,XL)
VOLTAGE YZ 20	SHIMANO BB-UN26/122.5/68	FD-M190/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LB-PLUS (41X34)	60 (XS,S,M); 80 (L,XL)
VOLTAGE YZ 30	SHIMANO BB-UN26/122.5/68	FD-M190/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LB-PLUS (41X34)	60 (XS,S,M); 90 (L,XL)
VOLTAGE YZ 40	SHIMANO BB-UN26/122.5/68	FD-TX50/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LB-PLUS (41X34)	60 (XS,S,M); 90 (L,XL)

ASPECT 10	AFCM552, W/BB PARTS	KFDM59010L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1-1/8"x44X30, H 9.4	60(XS), 75(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 20	BB-ES25, 118/68	AFDM430L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) /1-1/8"x44X30, H: 9.4	60(XS), 75(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 30	BB-UN26, 122.5MM(LL123)/68	AFDM390L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1-1/8"x44X30, H 9.4	70(XS), 80(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 30 V-BRAKE	BB-UN26 122.5MM(LL123)/68	AFDM390L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1-1/8"x44X30, H 9.4	70(XS), 80(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 40	BB-UN26, 122.5MM(D-NL)/68	AFDM190L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1/8"x44X30, H: 9.4	70(XS), 80(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 50	BB-UN26, 122.5MM(D-NL)/68	AFDM190L6 / 34.9	170(XS/S), 175(M/L/XL/XLL)	LOGIC OE (ZERO INTEG.) / 1-1/8"x44X30, H 9.4	70(XS), 80(S), 90(M), 100(L), 110(XL/XLL)
ASPECT 60	CH52-B, 122.5/68	AFDTX50L6 / 34.9	170 FOR ALL	LOGIC OE (ZERO INTEG.) / 1-1/8"x44X30, H 9.4	90(XS/S/M), 105(L/XL)
E-ASPECT 29	CK-602B	NIL	175	LOGIC ZERO PF 28.6-44-30 H=10.4	75MM
ASPECT 29 SPORT	SHIMANO BB-ES25/118/68	FD-M430/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M,L); 100 (XL)
ASPECT 29 TOUR	SHIMANO BB-UN26/122.5/68	FD-M190/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	80 (S); 90 (M,L); 100 (XL)
ASPECT 29 TRAIL	SHIMANO BB-UN26/122.5/68	FD-M190/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	80 (S); 90 (M); 100 (L); 110 (XL)

FOIL PREMIUM	FC7900 W/O BB / SM-BB91-41B	FD7970-FBRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC WCS 28.7-44-46 UD CARBON	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL TEAM ISSUE	RED CARBON BLK 2.2 W/PF BB	RED BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 10	FC7900 W/O BB / SM-BB91-41B	FD7900-F BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 15	FC6700G W/O BB / SM-BB91-41B	FD6770-F BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 20	FC6700G W/O BB / SM-BB91-41B	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 30	FC RIVAL OCT 2.2TM W/PF BB	RIVAL ROAD FD, BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
FOIL 40	FC5700-S W/O BB / SM-BB91-41B	FD5700-S BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	PRO LOGIC ZERO 28.7-44-46	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)

CR1 SL 20	FC7900 W/O BB / SM-BB91-41B	FD7900-F BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	WCS LOGIC ZERO PF 28.6-44-50 H=12.9	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 PRO 20	FC6703G W/BB	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 PRO CD20	FC6750G W/O BB / SM-BB91-41B	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 PRO 30	FC6703G W/BB	FD6703G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 ELITE CD20	RIVAL OCT C2.2TM W/PF BB	RIVAL ROAD FD, BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 TEAM 20	FC5700-S W/O BB / SM-BB91-41B	FD5700-S BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 TEAM CD20	FC5750-S W/O BB	FD5700-S BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 TEAM 30	FC5703-S W/BB / BB5700	FD5703-2 BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)
CR1 COMP CD20	FC4650 10S W/BB	FD4600 BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)

	BAR WIDTH IN MM	SEATPOST DIAMETER IN MM / LENGTH IN MM	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	RIM SPEC.(MODEL, HOLES)	REAR SHOCK (EZE)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
GAMBLER 10	790MM	31.6/350MM	34.9 QR	260/262	260/262	DT EX-500 26" 32H	267	F/55XM8, R/40XM8	#63803 X 8 PCS
GAMBLER 20	750MM	31.6/350MM	34.9 QR	260/262	260/262	ALEX AL FR-32 26" 32H	267	F/55XM8, R/40XM8	#63803 X 8 PCS

VOLTAGE FR 10	750	31.6X350(STANDARD); 31.6X400(LONG)	34.9	TBD	TBD	DT FR-600 YELLOW DISC AV 26X32H	NONE	NONE	NONE
VOLTAGE FR 20	750	31.6X350(STANDARD); 31.6X400(LONG)	34.9	TBD	TBD	FR-32 26X32H	NONE	NONE	NONE
VOLTAGE FR 30	710	31.6X350(STANDARD); 31.6X400(LONG)	34.9	TBD	TBD	FR-32 26X32H	NONE	NONE	NONE

VOLTAGE YZ TMO	680	31.6X250	34.9	TBD	TBD	FR-30 26X32H	NONE	NONE	NONE
VOLTAGE YZ 0.1	680	31.6X250	34.9	TBD	TBD	FR-30 26X32H	NONE	NONE	NONE
VOLTAGE YZ 0.2	680	31.6/250	34.9	259/261	260/262	32H A/V	NONE	NONE	NONE
VOLTAGE JR TMO 24"	710	31.6/250	34.9	237/238	237/238	32H A/V	NONE	NONE	NONE
VOLTAGE YZ 10	640	26.8/300(XS/S), 350 (M/L/XL)	31.8	259/261	261/259	RIM ARAYA TX-633 26 RACER BLUE 32H FV NODC	W/O	W/O	W/O
VOLTAGE YZ 20	640	26.8/300(XS/S), 350 (M/L/XL)	31.8	262/264	264/262	RIM ARAYA TX-633 26 GREEN 32H FV NODC	W/O	W/O	W/O
VOLTAGE YZ 30	640	26.8/300(XS/S), 350 (M/L/XL)	31.8	259/261	261/259	RIM ARAYA TX-633 26 ORANGE 32H FV NODC	W/O	W/O	W/O
VOLTAGE YZ 40	640	26.8/300(XS/S), 350 (M/L/XL)	31.8	265	264/262	RIM ARAYA TX-633 26 RED/ CNC 32H FV NODC	W/O	W/O	W/O

ASPECT 10	640	31.6 / 350	34.9 QR	261/263	261/263	XC44, 14GX32H	NONE	NONE	
ASPECT 20	640	31.6 / 350	34.9 QR	261/263	261/263	XC44, 14GX32H	NONE	NONE	
ASPECT 30	640	31.6 / 350	34.9 QR	259/261	259/261	XC44, 14GX32H	NONE	NONE	
ASPECT 30 V-BRAKE	640	31.6 / 350	34.9 QR	263	261/263	MT20, 14GX32H	NONE	NONE	
ASPECT 40	640	31.6 / 350	34.9 QR	261/263	261/263	ACE24, 14GX32H	NONE	NONE	
ASPECT 50	640	31.6 / 350	34.9 QR	263	261/259	MT20, 14GX32H	NONE	NONE	
ASPECT 60	640	31.6 / 350	34.9 QR	263	261/259	MT20, 14GX32H	NONE	NONE	
E-ASPECT 29	600	31.6X350	34.9	TBD	TBD	XC-49 DISC 29X32H	NONE	NONE	NONE
ASPECT 29 SPORT	640	31.6/350	34.9	292/293	293/292	RIM ARAYA DS-700 29 BLACK 32H FV NODC	W/O	W/O	W/O
ASPECT 29 TOUR	640	31.6/350	34.9	292/293	293/292	RIM ARAYA DS-700 29 BLACK 32H FV NODC	W/O	W/O	W/O
ASPECT 29 TRAIL	640	31.6/350	34.9	296	295/294	RIM ARAYA TX-733 26 BLACK/CNC 32H FV NODC	W/O	W/O	W/O

FOIL PREMIUM	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	ZIP 404 16H WHEELSET	ZIP 404 16H WHEELSET	ZIP 404 16H/20H WHEELSET	NONE	NONE	NONE
FOIL TEAM ISSUE	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	ZIP 404 16H WHEELSET	ZIP 404 16H WHEELSET	ZIP 404 16H/20H WHEELSET	NONE	NONE	NONE
FOIL 10	400(XXS-XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC CARBON SL (F&R) WHEELSET	MAVIC COSMIC CARBON SL (F&R) WHEELSET	MAVIC COSMIC CARBON SL (F&R) WHEELSET	NONE	NONE	NONE
FOIL 15	380(XS); 400(XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 20	360(XS); 380(XS); 400(S-XL); 420(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 30	380(XS); 400(XS); 420(S-XL); 440(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
FOIL 40	360(XS); 380(XS); 400(S-XL); 420(XXL)	FOILX350(XXS-M); FOILX400(L-XXL)	CLAMP	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	NONE	NONE	NONE

CRI SL 20	400(XXS-XS); 420(S-XL); 440(XXL); 400(XXS)	31.6X300	34.4	KSYRIUM SL 10 700C F/V BLK HUB F&R M10 WHEELSET	KSYRIUM SL 10 700C F/V BLK HUB F&R M10 WHEELSET	KSYRIUM SL 10 700C F/V BLK HUB F&R M10 WHEELSET	NONE	NONE	NONE
CRI PRO 20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 F&R WHEELSET	NONE	NONE	NONE
CRI PRO CD20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 F&R WHEELSET	NONE	NONE	NONE
CRI PRO 30	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 F&R WHEELSET	NONE	NONE	NONE
CRI ELITE CD20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 WHEELSET	KSYRIUM ELITE 11 F&R WHEELSET	NONE	NONE	NONE
CRI TEAM 20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	NONE	NONE	NONE
CRI TEAM CD20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	NONE	NONE	NONE
CRI TEAM 30	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	NONE	NONE	NONE
CRI COMP CD20	380(XXS); 400(XS); 420(S-XL); 440(XXL)	31.6X300	34.4	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE

BIKE NAME	BB-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC/ DIMENSION	STEM LENGTH IN MM	BAR WIDTH IN MM
SPEEDSTER S10 20	FC6700G W/BB	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S10 CD20	FC6750G W/BB	FD6700G BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S20 CD20	FC5750-S W/BB	FD5703-S BRAZE ON	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S30 CD20	FC4650 W/BB	FD4600 34.9	165(XXS); 170(XS); 172.5(S-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S40 27	FC-R453 OCTALINK / BB-ES25 68	FD3403 34.9	170(XXS-M); 175(L-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S40 CD18	FC-R345 OCTALINK / BB-ES25 68	FD3400 34.9	170(XXS-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
SPEEDSTER S50 24	FC-2303SQUARE / BB-UN26 68	FD2302 BRAZE ON	170(XXS-L); 175(XL-XXL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(XS); 110MM(S-L); 120MM(XL); 130MM(XXL); 90MM(XXS)	380(XXS); 400(XS); 420(S-XL); 440(XXL)
METRIX 10	FC5750-S W/BB	FD4600 31.8	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L-XL); 90MM(XS-M)	680
METRIX 20	FCM431(9S) (OCT) / BB-ES25 68	FD-M430-3 31.8	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L-XL); 90MM(XS-M)	680
METRIX 20 SOLUTION	FCM431(9S) (OCT) / BB-ES25 68	FD-M430-3 31.8	170(XS-S); 175(M-L)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L); 90MM(XS-M)	680
METRIX 30	SHIMANO BB-ES25	FD-M390/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	600
METRIX 40	SHIMANO BB-UN26	FD-M191/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	600
METRIX 40 SOLUTION	SHIMANO BB-UN26	FD-M191/31.8	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	600
PLASMA PREMIUM	RED CARBON BLK 2.2 W/PF BB	RED BRAZE ON	172.5(2); 175(M-L)	PRO 1" DROP IN W/OUTER 38MM W/IN 27.15MM A6061 CROWN 26.4	75MM(S-M); 90MM(L)	420 ZBS
PLASMA 10	CK-8681CC/W/D W/BB	FD7900-F BRAZE ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	100MM(L); 80MM(XXS-XS); 90MM(S-M)	420+T2 COBRA AEROBAR
PLASMA 20	CK-8061SS-UD W/BB (MEGA EXO)	FD6700G BRAZE ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	100MM(L); 80MM(XXS-XS); 90MM(S-M)	420+T2 COBRA AEROBAR
PLASMA 30	CK-C6020SS(N10) W/BB	FD5700-S BRAZE ON	170(XXS-XS); 172.5(S-M); 175(L)	PRO LOGIC ZERO DROP IN (CC) 28.7-41-30 H=10	100MM(L); 80MM(XXS-XS); 90MM(S-M)	420+T2 S BEND
ADDICT CX	CK-C8681CC WD (N10) W/BB (MEGAEXO)	FD6700 BRAZE ON	170(XS); 172.5(S-L); 175(XL)	NO.9M/CUP/TH-CX 28.6-44-30 H=216	100MM(XS-S); 110MM(M-L); 120MM(XL)	400(XS); 420(S-XL)
CX TEAM	CK-C6021CC W/BB	FD5700-S BRAZE ON	170(XS); 172.5(S-L); 175(XL)	NO.9M/CUP/TH-CX 28.6-44-30 H=216	100MM(XS-S); 110MM(M-L); 120MM(XL)	400(XS); 420(S-XL)
CX COMP	CK-C6021CC W/BB	FD4600 34.9	170(XS); 172.5(S-L); 175(XL)	NO.11N-CX 28.6-44-30 H=23.4	100MM(XS-S); 110MM(M-L); 120MM(XL)	400(XS); 420(S-XL)

	SEATPOST DIAMETER IN MM / LENGTH IN MM	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	RIM SPEC.(MODEL HOLES)	REAR SHOCK (EZE)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
SPEEDSTER S10 20	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S10 CD20	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S20 CD20	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S30 CD20	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S40 27	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S40 CD18	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
SPEEDSTER S50 24	31.6X300	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
METRIX 10	27.2X300(XS-S); 27.2X350(M-XL)	31.8	TBD	TBD	RACE 28 700CX32H	NONE	NONE	NONE
METRIX 20	27.2X300(XS-S); 27.2X350(M-XL)	31.8	TBD	TBD	RACE 28 700CX32H	NONE	NONE	NONE
METRIX 20 SOLUTION	27.2X300(XS-S); 27.2X350(M-XL)	31.8	TBD	TBD	RACE 28 700CX32H	NONE	NONE	NONE
METRIX 30	27.2/350	31.8	284	283/282	RIM RIGIDA DP2000 700C BLACK/CNC 32H FV NODC	W/O	W/O	W/O
METRIX 40	27.2/350	31.8	284	283/282	RIM RIGIDA DP2000 700C WHITE/CNC 32H FV NODC	W/O	W/O	W/O
METRIX 40 SOLUTION	27.2/350	31.8	284	283/282	RIM RIGIDA DP2000 700C WHITE/CNC 32H FV NODC	W/O	W/O	W/O
PLASMA PREMIUM	PLASMA 3 7X9 CLAMP- UPPER CLAMPS 55MM BOLT	CLAMP	ZIPP 404 F CARBON TUBULAR FIRECREST WHEELSET	ZIPP 808 R CARBON TUBULAR FIRECREST WHEELSET	ZIPP 404 F CARBON TUBULAR FIRECREST/ ZIPP 808 R CARBON TUBULAR FIRECREST WHEELSET	NONE	NONE	NONE
PLASMA 10	PLASMA 2 7X7 CLAMP	CLAMP	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	NONE	NONE	NONE
PLASMA 20	PLASMA 2 7X7 CLAMP	CLAMP	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	NONE	NONE	NONE
PLASMA 30	PLASMA 2 7X7 CLAMP	CLAMP	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	WH-R501 F&R WHEELSET	NONE	NONE	NONE
ADDICT CX	31.6X300	34.9	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	WH-R501-30 F&R WHEELSET	NONE	NONE	NONE
CX TEAM	31.6X300	34.9	WH-R501 F&R BLK WHEELSET	WH-R501 F&R BLK WHEELSET	WH-R501 F&R BLK WHEELSET	NONE	NONE	NONE
CX COMP	31.6X300	34.9	TBD	TBD	RACE 28 700CX28H/32H	NONE	NONE	NONE

BIKE NAME	BB-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC / DIMENSION	STEM LENGTH IN MM	BAR WIDTH IN MM	SEATPOST DIAMETER IN MM / LENGTH IN MM
SPORTSTER 10	SHIMANO BB-70 (INCLUDE CHAINWHEEL)	FD-T780/34.9	170 (S); 175 (M,L,XL,XXL)	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M); 100 (L); 110 (XL,XXL)	600	31.6/350
SPORTSTER 20	SHIMANO BB-51 (INCLUDE CHAINWHEEL)	FD-T780/34.9	175	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M); 100 (L); 110 (XL,XXL)	600	31.6/350
SPORTSTER 20 SOLUTION	SHIMANO BB-51 (INCLUDE CHAINWHEEL)	FD-T780/34.9	175	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M); 100 (L,XL)	610	31.6/350
SPORTSTER 30	SHIMANO BB-ES25/126/68	FD-M430/34.9	170 (S); 175 (M,L,XL,XXL)	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M); 100 (L); 110 (XL,XXL)	600	31.6/350
SPORTSTER 30 SOLUTION	SHIMANO BB-ES25/126/68	FD-M430/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	75 (S); 90 (M); 100 (L,XL)	610	31.6/350
SPORTSTER 40 MEN	SHIMANO BB-ES25 (INCLUDE CHAINWHEEL)	FD-M430/34.9	170 (S); 175 (M,L,XL,XXL)	RITCHEY LOGIC ZERO OE (50X44)	80 (S); 90 (M); 100 (L); 110 (XL,XXL)	600	31.6/350
SPORTSTER 40 LADY	SHIMANO BB-ES25 (INCLUDE CHAINWHEEL)	FD-M430/34.9	170 (S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (S); 80 (M); 90 (L); 100 (XL)	610	31.6/350
SPORTSTER 55 MEN	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	80 (S); 90 (M); 100 (L); 110 (XL)	600	31.6/350
SPORTSTER 55 LADY	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (S); 80 (M); 90 (L)	610	31.6/350
SPORTSTER 50 MEN	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	70 (S); 80 (M); 90 (L); 100 (XL)	600	31.6/350
SPORTSTER 50 LADY	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (S); 80 (M); 90 (L)	610	31.6/350
SPORTSTER 60 MEN	SHIMANO BB-UN26/122.5/68	FD-TX51/34.9	170 (S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	80 (S); 90 (M); 100 (L); 110 (XL)	600	31.6/350
SPORTSTER 60 LADY	SHIMANO BB-UN26/122.5/68	FD-TX51/34.9	170 (S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (S); 80 (M); 90 (L)	610	31.6/350

E-VENTURE 10	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S); 90MM(M); 100(L); 110-(XL-XXL)	600	31.6X350
E-VENTURE 20 LADY	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S); 90MM(M); 100(L); 110-(XL-XXL)	600	31.6X350
E-VENTURE 20 SOLUTION	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S); 90MM(M); 100(L); 110-(XL-XXL)	600	31.6X350
E-VENTURE 20	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S); 90MM(M); 100(L); 110-(XL-XXL)	600	31.6X350
E-VENTURE 30 LADY	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S)	600	31.6X350
E-VENTURE 30 SOLUTION	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S)	600	31.6X350
E-VENTURE 30	CK-602B	NIL	175	LOGIC OE 1-1/8" 50 MM	75MM(S)	600	31.6X350

VENTURE 10	BB-200F / CDC11464AA10 46T	NIL	170	LOGIC OE 1-1/8" 50 MM	75MM(S)	600	31.6X350
VENTURE 20	FC-M590-L	FD-M590 34.9	170	LOGIC OE 1-1/8" 50 MM	75MM(S)	600	31.6X350
VENTURE 30	BB-UN26 / CW10-SCSG442-42T	NIL	170	LOGIC OE 1-1/8" 50 MM	75MM	610	31.6X350
VENTURE 30 SOLUTION	BB-UN26 / CW10-SCSG442-42T	NIL	170	LOGIC OE 1-1/8" 50 MM	75MM	610	31.6X350
VENTURE 40	BB-UN26 / FC-M431(9S)	FD-M430-6(9S) 34.9	170	LOGIC OE 1-1/8" 50 MM	75MM(S)	610	31.6X350
VENTURE 40 LADY	BB-UN26 / FC-M431(9S)	FD-M430-6(9S) 34.9	170	LOGIC OE 1-1/8" 50 MM	75MM(S)	610	31.6X350
VENTURE 40 SOLUTION	BB-UN26 / FC-M431(9S)	FD-M430-6(9S) 34.9	170	LOGIC OE 1-1/8" 50 MM	75MM(S)	610	31.6X350

SUB 10	CDCT1464AA10	NIL	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L-XL); 90MM(XS-M)	600	31.6X300(XS-S); 31.6X350(M-XL)
SUB 20	FCM431(9S) (OCT) / BB-ES25 68	FD-M430-3(9S) 34.9	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L-XL); 90MM(XS-M)	600	31.6X300(XS-S); 31.6X350(M-XL)
SUB 25	CW9-SC344-WHQCG SQUARE W/O BB / BB-200F 68 / BB-UN26 68	NIL	170(XS-S); 175(M-XL)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(L-XL); 90MM(XS-M)	600	31.6X300(XS-S); 31.6X350(M-XL)
SUB 30	SHIMANO BB-UN26/122.5/68	FD-M390/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	600	31.6/350
SUB 30 SOLUTION	SHIMANO BB-UN26/122.5/68	FD-M390/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	610	31.6/350
SUB 40	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	600	31.6/350
SUB 40 SOLUTION	SHIMANO BB-UN26/122.5/68	FD-M191/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	90 (XS,S,M); 100 (L,XL)	610	31.6/350

OTG 10	68/103	NONE	170	28.6	110	420	272/300
OTG 20	68/103	NONE	170	28.6	90	540	277/300

	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	RIM SPEC.(MODEL, HOLES)	REAR SHOCK (EZE)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
SPORTSTER 10	34.9	292/293	293/292	RIM TAURUS2000 700C BLACK 32H FV W/ EYE	W/O	W/O	W/O
SPORTSTER 20	34.9	292/293	293/292	RIM ARAYA DS-700 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 20 SOLUTION	34.9	292/293	293/292	RIM ARAYA DS-700 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 30	34.9	292/293	293/292	RIM ARAYA DS-700 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 30 SOLUTION	34.9	292/293	293/292	RIM ARAYA DS-700 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 40 MEN	34.9	296	295/294	RIM ARAYA TX-733 700C BLACK/ CNC 32H FV NODC	W/O	W/O	W/O
SPORTSTER 40 LADY	34.9	296	295/294	RIM ARAYA TX-733 700C BLACK/ CNC 32H FV NODC	W/O	W/O	W/O
SPORTSTER 55 MEN	34.9	293/294	294/293	RIM ARAYA TX-733 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 55 LADY	34.9	293/294	294/293	RIM ARAYA TX-733 700C BLACK 32H FV NODC	W/O	W/O	W/O
SPORTSTER 50 MEN	34.9	297	296/295	RIM ARAYA GP722/710CT 700C BLACK/CNC 32H FV NODC	W/O	W/O	W/O
SPORTSTER 50 LADY	34.9	297	296/295	RIM ARAYA GP722/710CT 700C BLACK/CNC 32H FV NODC	W/O	W/O	W/O
SPORTSTER 60 MEN	34.9	297	296/295	RIM ARAYA GP722/710CT 700C BLACK/CNC 32H FV NODC	W/O	W/O	W/O
SPORTSTER 60 LADY	34.9	297	296/295	RIM ARAYA GP722/710CT 700C BLACK/CNC 32H FV NODC	W/O	W/O	W/O

E-VENTURE 10	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
E-VENTURE 20 LADY	34.9	TBD	TBD	XC-44 DISC 700CX32H	NONE	NONE	NONE
E-VENTURE 20 SOLUTION	34.9	TBD	TBD	XC-44 DISC 700CX32H	NONE	NONE	NONE
E-VENTURE 20	34.9	TBD	TBD	XC-44 DISC 700CX32H	NONE	NONE	NONE
E-VENTURE 30 LADY	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
E-VENTURE 30 SOLUTION	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
E-VENTURE 30	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE

VENTURE 10	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
VENTURE 20	34.9	TBD	TBD	XC-44 DISC 700CX32H	NONE	NONE	NONE
VENTURE 30	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
VENTURE 30 SOLUTION	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
VENTURE 40	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
VENTURE 40 LADY	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
VENTURE 40 SOLUTION	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE

SUB 10 700C	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
SUB 20 700C	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
SUB 25 700C NEX	34.9	TBD	TBD	SUB 700CX32H	NONE	NONE	NONE
SUB 30	34.9	280/281	280/281	SUB 700CX32H	W/O	W/O	W/O
SUB 30 SOLUTION	34.9	280/281	280/281	SUB 700CX32H	W/O	W/O	W/O
SUB 40	34.9	284	283/282	SUB 700CX32H	W/O	W/O	W/O
SUB 40 SOLUTION	34.9	284	283/282	SUB 700CX32H	W/O	W/O	W/O

OTG 10	29.8	280	280	I4GX32H F/V	NONE	NONE	NONE
OTG 20	29.8	280	280	I4GX32H F/V	NONE	NONE	NONE

BIKE NAME	BB-SPEC / AXLE LENGTH / SHELL WIDTH	FRONT DERAILLEUR SPEC / DIAMETER	CRANKARM LENGTH IN MM	HEADSET SPEC / DIMENSION	STEM LENGTH IN MM	BAR WIDTH IN MM	SEATPOST DIAMETER IN MM / LENGTH IN MM
CONTESSA FOIL	FC6750G W/O BB / SM-BB91-4IB	FD6700G BRAZE ON	165(XXS-XS); 170(S-M); 172.5(L)	PRO LOGIC ZERO 28.7-44-46	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	FOILX350
CONTESSA CRI COMP	FC4650 10S W/BB	FD4600 BRAZE ON	165(XXS-XS); 170(S-M); 172.5(L)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	31.6X300
CONTESSA CRI TEAM	FC5750-S W/BB	FD5700-S BRAZE ON	165(XXS-XS); 170(S-M); 172.5(L)	COMP LOGIC ZERO PF 28.6-44-30 H=10.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	360(XXS); 380(XS); 400(S-M); 420(L)	31.6X300
CONTESSA SPEEDSTER S15	FC5750-S W/BB	FD5700-S BRAZE ON	165(XXS-XS); 170(S-M); 172.5(L)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	31.6X300
CONTESSA SPEEDSTER S25	FC4603 W/BB	FD4603 BRAZED ON	165(XXS-XS); 170(S-M); 172.5(L)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	31.6X300
CONTESSA SPEEDSTER S35	FC-R453 OCTALINK / BB-ES25 68	FD3403F BRAZE ON	170(XXS-M); 175(L)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	31.6X300
CONTESSA SPEEDSTER S45	FC-2303SQUARE / BB-UN26 68	FD2302 BRAZE ON	170(XXS-M); 175(L)	LOGIC OE -07 28.6-44-30 H=9.4	100MM(M); 110MM(L); 60MM(XXS); 75MM(XS); 90MM(S)	380(XXS); 400(XS); 420(S-M); 440(L)	31.6X300
CONTESSA GENIUS	X9 GXP 3.3 W/GXP BB	X7 LDM	170(S); 175(M-L)	PRO LOGIC ZERO PF-12 28.6-44-30 H=12.9	70MM(S-M); 90MM(L)	660	34.9X350(S); 34.9X400(M-L)
CONTESSA SPARK RC	FC-M780 W/O BB / SM-BB71-41A	FD-M780-E (E-TYPE)	170(S); 175(M-L)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	70MM(S-M); 90MM(L)	640	31.6X350(S); 31.6X400(M-L)
CONTESSA SPARK	FC-M590-L W/BB	FD-M660-E (E-TYPE)	170(S); 175(M-L)	LOGIC OE -07 28.6-44-30 H=9.4	70MM(S-M); 90MM(L)	640	31.6X350(S); 31.6X400(M-XL)
CONTESSA SCALE RC	FC-M780 W/O BB / SM-BB71-41A	FD-M781 34.9	170(S); 175(M-L)	PRO LOGIC ZERO PRESS FIT TAPER H=12.9	70MM(S-M); 90MM(L)	640	34.9X350(S); 34.9X400(M-L)
CONTESSA SCALE 10	AFCM552, W/BB PARTS	KFDM59010L6 / 34.9	170(XS/S); 175(M/L/XL)	LOGIC OE (ZERO INTEG.) / 1-1/8"X40X30, H: 9.4	60(XS), 75(S/M), 90(L/XL)	620	31.6 / 350
CONTESSA SCALE 20	SHIMANO BB-ES25/118/68	FD-M430/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	60 (XS); 75 (S,M); 90 (L,XL)	620	31.6/350
CONTESSA SCALE 30	SHIMANO BB-UN26/122.5/68	FD-M390/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	70 (XS,S); 80 (M); 90 (L,XL)	620	31.6/350
CONTESSA 10	SHIMANO BB-ES25/118/68	FD-M430/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	60 (XS); 75 (S,M); 90 (L,XL)	620	31.6/350
CONTESSA 20	SHIMANO BB-UN26/122.5/68	FD-M390/34.9	170 (XS,S); 175 (M,L,XL)	RITCHEY LOGIC ZERO OE (50X44)	70 (XS,S); 80 (M); 90 (L,XL)	620	31.6/350
CONTESSA 30	SHIMANO BB-UN26/122.5/68	FD-M190/34.9	170 (XS,S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (XS,S); 80 (M); 90 (L)	620	31.6/350
CONTESSA 40	SHIMANO BB-UN26/122.5/68	FD-M190/34.9	170 (XS,S); 175 (M,L)	RITCHEY LOGIC ZERO OE (50X44)	70 (XS,S); 80 (M); 90 (L)	620	31.6/350
CONTESSA 50	CHIN HAUR CH-52EN/122/68	FD-TX50/34.9	170	RITCHEY LOGIC ZERO OE (50X44)	90 (S,M); 105 (L)	620	31.6/350
CONTESSA 60	CHIN HAUR CH-52EN/122/68	FD-TX50/34.9	170	RITCHEY LOGIC ZERO OE (50X44)	90 (S,M); 105 (L)	620	31.6/350

VOLT-X 10	73/150	NONE	175	28.6	48	690	25.4/200
VOLT-X 20	73/150	NONE	175	28.6	48	690	25.4/220
VOLT-X 30	68/153	NONE	175	28.6	48	690	25.4/230
VOLT-X 40	VP-B35	NONE	160	28.6	48	605	25.4/230
SPEEDSTER JR 24	68/107	31.8	145	28.6	60	370	27.2/250
SPARK JR 24	68/115	AFDM190M6	152	28.6	60	560	26.8/300
SPARK JR 20	68/118	AFDM190M6	140	28.6	60	540	26.8/300
SCALE RC JR	68/113	KFDM590M6	165	28.6	90	620	26.8/350
SCALE JR 24	68/116	AFDM190M6	152	28.6	75	540	26.8/300
SCALE JR 20	68/117.5	AFDM190M6	140	28.6	75	540	26.8/300
VOLTAGE JR 24" (DISC)	68/115	AFDM190M6	152	28.6	60	600	36.8/300
VOLTAGE JR 24	68/115	AFDM190M6	152	28.6	60	560	26.8/300
VOLTAGE JR 20	68/126	NONE	140	28.6	60	540	26.8/250
VOLTAGE JR 16	CW-BP901	NONE	CW-102	211X32.5X26.5	211X150X25.4	520	26.8/200
VOLTAGE JR 12	CW-BP901S	NONE	CW-S	211X32.5X26.5	211X150X25.4	460	22.2/200
VOLTAGE WALKER	NONE	NONE	NONE	22.2 X 30 X 26.4	105/135	400	22.2/200
CONTESSA SCALE JR	68/116	AFDM190M6	152	28.6	75	540	26.8/300
CONTESSA JR 24	68 /115	AFDM190M6	152	28.6	60	560	26.8/300
CONTESSA JR 20	68/126	NONE	140	28.6	60	540	26.8/200
CONTESSA JR 16	CW-BP901S	NONE	CW-102	211X32.5X26.5	211X150X25.4	520	26.8/200
CONTESSA JR 12	CW-BP901S	NONE	CW-S	211X32.5X26.5	211X150X25.4	460	26.8/200
CONTESSA WALKER	NONE	NONE	NONE	22.2 X 30 X 26.4	105/135	400	22.2/200

	SEATPOST CLAMP DIAMETER IN MM	FRONT SPOKE LENGTH IN MM	REAR SPOKE LENGTH IN MM	RIM SPEC.(MODEL, HOLES)	REAR SHOCK (E2E)	HARDWARE REAR SHOCK IN MM	BEARINGS (FRAME)
CONTESSA FOIL	CLAMP	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	MAVIC COSMIC ELITE 11(F&R) WHEELSET	NONE	NONE	NONE
CONTESSA CR1 COMP	34.4	CN AERO494 275.5LEFT/ 275.5RIGHT	CN AERO 295LEFT/ 293.5RIGHT	RACE 28 700CX20H/24H	NONE	NONE	NONE
CONTESSA CR1 TEAM	34.4	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	AKSIUM 10 F&R(M10) WHEELSET	NONE	NONE	NONE
CONTESSA SPEEDSTER S15	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
CONTESSA SPEEDSTER S25	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
CONTESSA SPEEDSTER S35	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
CONTESSA SPEEDSTER S45	34.9	TBD	TBD	RACE 28 700CX20H/24H	NONE	NONE	NONE
CONTESSA GENIUS	37.8	XR-35 CONTESSA F 26X32H IS-6BOLT WHEELSET	XR-35 CONTESSA R 26X32H IS-6BOLT WHEELSET	XR-35 CONTESSA 26X32H IS- 6BOLT F&R WHEELSET	165	M6X14	BEARING: 4X OD22XID10XT6(6900V-2RS) / 4X OD19XID10XT5 61800-2RS FULL BALL BEARING
CONTESSA SPARK RC	38.3	XR-20 F CONTESSA IS-6BOLT 26X28H IS WHEELSET	XR-20 R CONTESSA IS-6BOLT 26X28H IS WHEELSET	XR-20 CONTESSA IS-6BOLT 26X28H IS F&R WHEELSET	190	M6X 22.2	BEARING:6X OD24XID15XT5 (6802) / BUSHING:4X OD24X18XID16XT5.5 (JFM-1618- 055)
CONTESSA SPARK	34.9	TBD	TBD	XC-44 DISC 26X32H	190	M6X 22.2	BEARING:6X OD24XID15XT5 (6802) / BUSHING:4X OD24X18XID16XT5.5 (JFM-1618- 055)
CONTESSA SCALE RC	38.3	XR-20 F CONTESSA IS-6BOLT 26X28H IS WHEELSET	XR-20 R CONTESSA IS-6BOLT 26X28H IS WHEELSET	XR-20 R CONTESSA IS-6BOLT 26X28H IS F&R WHEELSET	NONE	NONE	NONE
CONTESSA SCALE 10	34.9 QR	261/263	261/263	XC44, 14GX32H	NONE	NONE	
CONTESSA SCALE 20	34.9	261/262	262/261	RIM ARAYA DS-600 26 BLACK 32H FV NODC	W/O	W/O	W/O
CONTESSA SCALE 30	34.9	259/260	260/259	RIM ARAYA DS-600 26 BLACK 32H FV NODC	W/O	W/O	W/O
CONTESSA 10	34.9	261/262	262/261	RIM ARAYA DS-600 26 BLACK 32H FV NODC	W/O	W/O	W/O
CONTESSA 20	34.9	259/260	260/259	RIM ARAYA DS-600 26 BLACK 32H FV NODC	W/O	W/O	W/O
CONTESSA 30	34.9	262/264	264/262	RIM ARAYA TX-633 26 BLACK 32H FV NODC	W/O	W/O	W/O
CONTESSA 40	34.9	265	264/262	RIM ARAYA TX-633 26 BLACK/ CNC 32H FV NODC	W/O	W/O	W/O
CONTESSA 50	34.9	265	264/262	RIM ARAYA TX-633 26 BLACK/ CNC 32H FV NODC	W/O	W/O	W/O
CONTESSA 60	34.9	265	264/262	RIM ARAYA TX-633 26 BLACK/ CNC 32H FV NODC	W/O	W/O	W/O

VOLT-X 10	28.6	187	177	F:14GX36H A/V ; R:14GX48H A/V	NONE	NONE	NONE
VOLT-X 20	28.6	188	184	14GX36H A/V	NONE	NONE	NONE
VOLT-X 30	28.6	186	184	14GX36H A/V	NONE	NONE	NONE
VOLT-X 40	28.6	186	186	14GX36H A/V	NONE	NONE	NONE
SPEEDSTER JR 24	31.8	—	—	14GX28H F/V	NONE	NONE	NONE
SPARK JR 24	31.8	241	238/240	14GX32H A/V	F: 8X24 ; R: 8X37	M8X32 ; M8X52	—
SPARK JR 20	31.8	190	188/190	14GX32H A/V	F: 8X24 ; R: 8X37	M8X32 ; M8X52	—
SCALE RC JR	31.8	—	—	F:14GX20H F/V ; R:14GX28H F/V	NONE	NONE	NONE
SCALE JR 24	31.8	241	238/240	14GX32H A/V	NONE	NONE	NONE
SCALE JR 20	31.8	190	188/190	14GX32H A/V	NONE	NONE	NONE
VOLTAGE JR 24" (DISC)	31.8	236/238	236/238	14GX32H A/V	NONE	NONE	NONE
VOLTAGE JR 24	31.8	240	237/239	14GX32H A/V	NONE	NONE	NONE
VOLTAGE JR 20	31.8	190	188/190	14GX32H A/V	NONE	NONE	NONE
VOLTAGE JR 16	31.8	—	132	F:14GX20H A/V ; R:14GX28H A/V	NONE	NONE	NONE
VOLTAGE JR 12	31.8	88	81	14GX16H A/V	NONE	NONE	NONE
VOLTAGE WALKER	25.6	77	77	14GX16H A/V	NONE	NONE	NONE
CONTESSA SCALE JR	31.8	241	238/240	14GX32H A/V	NONE	NONE	NONE
CONTESSA JR 24	31.8	240	237/239	14GX32H A/V	NONE	NONE	NONE
CONTESSA JR 20	31.8	190	188 / 190	14GX32H A/V	NONE	NONE	NONE
CONTESSA JR 16	31.8	—	132	F:14GX20H A/V ; R:14GX28H A/V	NONE	NONE	NONE
CONTESSA JR 12	31.8	88	81	14GX16H A/V	NONE	NONE	NONE
CONTESSA WALKER	25.6	77	77	14GX16H A/V	NONE	NONE	NONE

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SCOTT HELMETS

SPARE PARTS - VISORS

VISOR SCOTT VANISH

Item #	219974
Sizes	S, M, L
Material	ABS
Colors	white



VISOR SCOTT KARMA

Item #	215847
Sizes	S, M, L
Material	PP
Colors	black, white



VISOR SCOTT FUGA MAGNETO

Item #	206462
Sizes	one size
Material	ABS
Features	integrated magneto fixation
Colors	black, white



VISOR SCOTT GROOVE II

Item #	215848
Sizes	one size
Material	PP
Colors	black, white



VISOR SCOTT WATU

Item #	215849
Sizes	one size
Material	PP
Colors	black, white



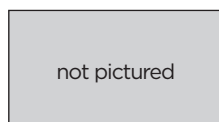
VISOR SCOTT SPUNTO

Item #	219975
Sizes	one size
Material	PP
Colors	white



VISOR SCOTT SPECTRE

Item #	220236	Visor Scott Spectre FR white
	220237	Visor Scott Spectre DH white/red
Sizes	one size	
Material	ABS	



VISOR SCOTT WIT

Item #	223732
Sizes	S, M, L
Material	ABS
Colors	black



SCOTT HELMETS

INNER PADS SPARE KITS

VANISH INNER PADS KIT 219976

Includes 3 set, 1 complete pad set of each sizes (S, M, L)
Same padding for Vanish Air



KARMA INNER PADS SPARE KIT 210563

Includes 2 set, 1 complete pad set for S and M (same padding size) and one L
New padding shape and material for more comfort from 2011 on!



WATU INNER PADS SPARE KIT 215851

Includes 1 complete set – one size



SPUNTO INNER PADS SPARE KIT 219977

Includes 1 complete set – one size



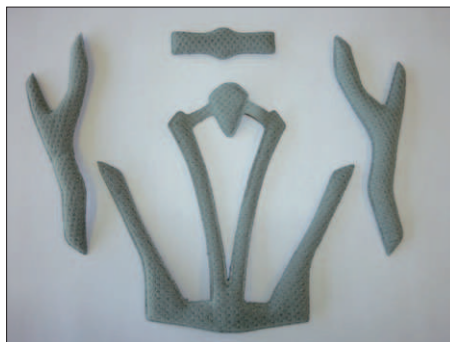
FUGA INNER PADS SPARE KIT 209804

Includes 2 set, 1 complete pad set of size S and M (same padding size) and one L
New padding shape and material for more comfort from 2011 on!



GROOVE INNER PADS SPARE KIT 212871

Includes 2 set, 1 complete pad set for S and M (same padding size) and one L
Fits Groove and Groove II



SPUNTO INNER PADS SPARE KIT 219977

Includes 1 complete set – one size



SCOTT HELMETS

FIT SYSTEM

LW BELT SPARE KIT 220235

One size

Fits Vanish Air only



M-R.A.S. SPARE KIT 219978

One size

Fits Vanish, Fuga (assembled in production) fits also Groove II and Karma S and L from 2010 on (not Karma M)



V-R.A.S. SPARE KIT 215853

Fits Fuga, Karma and Groove II from 2010 on
Front snap pins to clip in second hole to fit for Karma M!



R.A.S. SPARE KIT 214319

Fits Watu and Spunto

Fits also the helmets from 2008 - 2009:

Fuga, Karma and Groove



M.A.S. SPARE KIT 209805

Fits Fuga and Karma 2007 and older

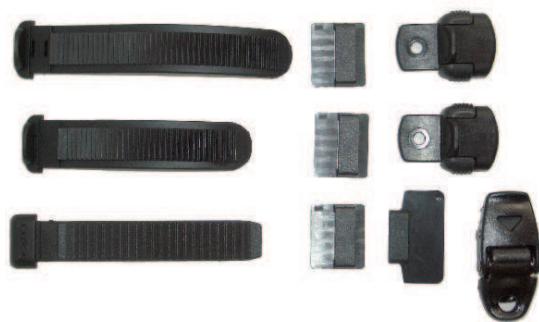


42SCOTT BIKE SHOES

SCOTT BIKE SHOES

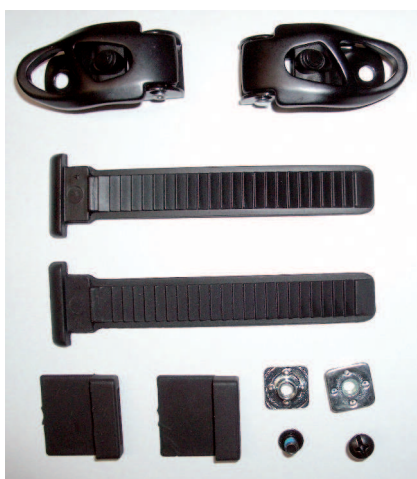
SHOE REPLACEMENT PARTS

BUCKLE REPLACEMENT KIT FOR SHOES FROM 2000 – 2006



BUCKLE KIT
15.1.200.051.0.000

BUCKLE REPLACEMENT KIT FOR SHOES FROM 2007



BUCKLE KIT BLACK
2104850001



BUCKLE KIT silver
2104850012

PUMA DISC SYSTEM REPLACEMENT PARTS



DISC S (38-40)
15.1.200.350.0.030



DISC L (41-46)
15.1.200.350.0.050



SCOTT BIKE SHOES

SHOE REPLACEMENT PARTS

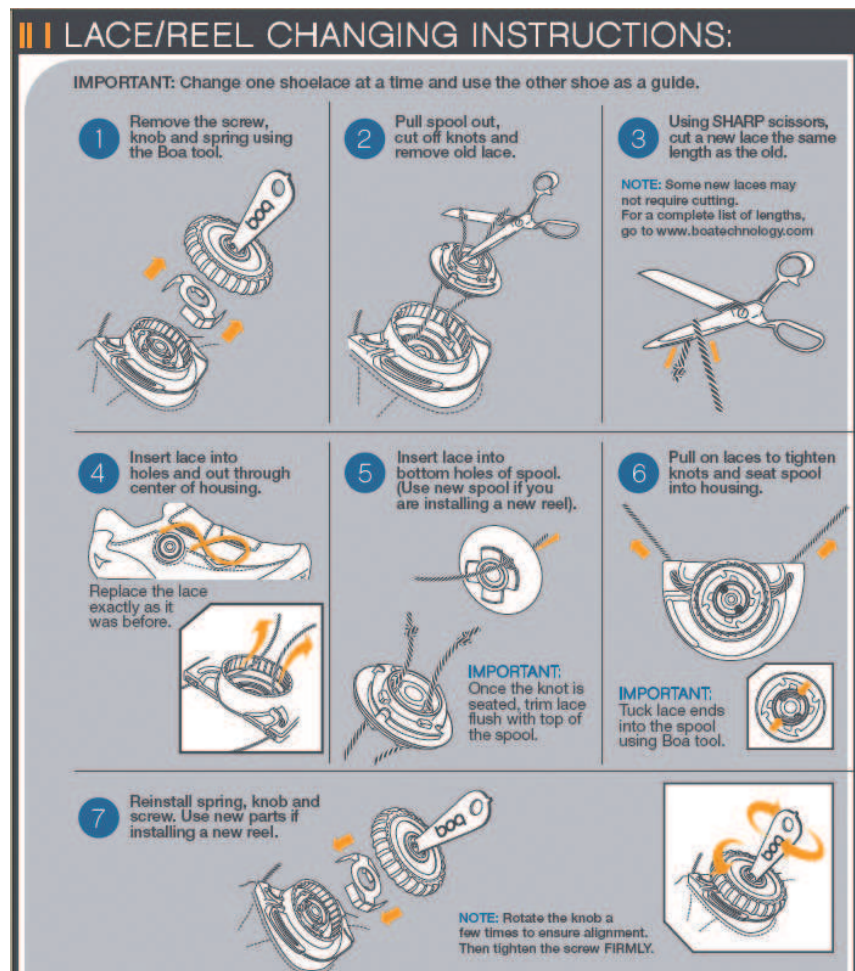
BOA LACE SYSTEM REPLACEMENT PARTS MODEL B REEL AND LACE REPLACEMENT KITS FOR SHOES 2005-2006



REEL / LACE KIT
15.5.200.598.0.000

Changing instruction

http://www.boatechnology.com/downloads/modelB_reel_2006.pdf



SCOTT BIKE SHOES

SHOE REPLACEMENT PARTS

BOA LACE SYSTEM REPLACEMENT PARTS MODEL LSR
REEL AND LACE REPLACEMENT KITS FOR SHOES FROM 2007 - 2009



220702 Boa Model 2007-2009 black 1size

REEL AND LACE REPLACEMENT KITS FOR SHOES FROM 2010



220703 Boa Model 2010 black 1size

220703 Boa Model 2010 white 1size

STUD REPLACEMENT KIT



NYLON



STEEL

224574 STUD REPLACEMENT KIT NYLON

224574 STUD REPLACEMENT KIT STEEL

SCOTT BIKE SHOES

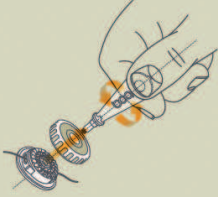
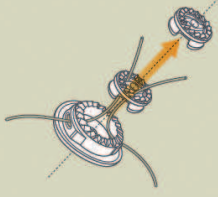
SHOE REPLACEMENT PARTS

Changing instruction

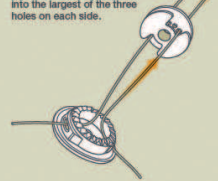
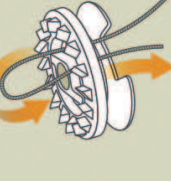
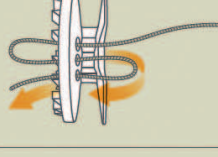
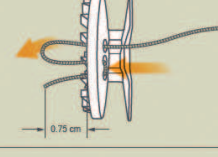
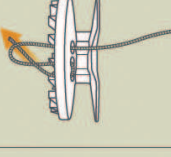
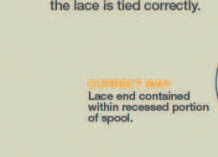
http://www.boatechnology.com/downloads/LSR_reel_2006_instructions3.pdf

II | LACE/REEL CHANGING INSTRUCTIONS:

IMPORTANT: Change one shoelace at a time and use the other shoe as a guide.

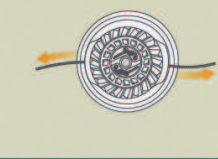
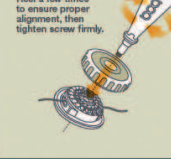
- 1** Remove the screw and knob, using the Boa tool.

- 2** Pull spool out, undo the Labyrinth knot and remove old lace.

- 3** Using SHARP scissors, cut a new lace the same length as the old one.

NOTE: For a complete list of lengths, go to www.boatechnology.com
- 4** Replace the lace through the lace guides exactly as it was before. Thread new lace ends through housing as shown.

NOTE: The location of your reel housing may vary.
NOTE: Do one shoe at a time, using the other shoe as a guide for installing the new lace.
- 5** Insert lace ends into bottom holes of spool, then follow the Labyrinth knot instructions.

IMPORTANT: Insert ends into the largest of the three holes on each side.
- 6** **LABYRINTH KNOT** Loop lace and feed back through second hole.

- 7** **LABYRINTH KNOT** Loop again and feed through final hole.

- 8** **LABYRINTH KNOT** Pull upper loop to take up slack in bottom loop, leaving lace end length of 0.75 cm.

0.75 cm
- 9** **LABYRINTH KNOT** Twist top loop clockwise 1/4 of a turn and insert end of lace through loop.

- 10** **LABYRINTH KNOT** Then pull loop tight to trap the lace end. Check to make sure the lace is tied correctly.

CORRECT WAY: Lace end contained within recessed portion of spool.

INCORRECT WAY: Lace end passed through loop from wrong side and lace end extending into gear teeth.

- 11** **LABYRINTH KNOT** Repeat Labyrinth knot for second lace cord end. (Completed knots shown.)

NOTE: Lace ends contained within the recessed portion of the spool.
- 12** After the Labyrinth knot is completed, install spool back into housing by pulling on laces to seat spool into housing.

- 13** Reinstall screw and knob, using the BOA tool.

NOTE: Rotate the Reel a few times to ensure proper alignment, then tighten screw firmly.

 **BOATECHNOLOGY.COM**

SCOTT BIKE SHOES

CARE AND MAINTENANCE OF THE BOA SYSTEM

boa

CARE AND MAINTENANCE OF THE BOA SYSTEM

To get the best performance out of the Boa Lacing System you should clean the parts and cycle the lace through the system after every ride.

Recommendations >>>



1



Always clean shoes after riding. Brush off dirt and mud, with the appropriate brush. Use a spray bottle of soap and water to clean the laces and make sure to clean the system.

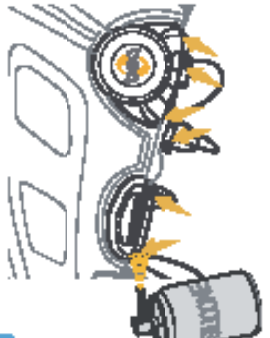
2



BOA LACE FROM SHOE

Open the laces and pull out all of the lace from all laces from the shoe. Periodically should be disengaged.

3



Spray a small amount of solvent directly into the guide and reel. Re-cycle the lace through the system.

4



Open the laces and cycle the lace in and out of the guide and reel.

5



Close the laces and reel in the lace.

6



If there is no improvement, remove the laces and check to see if the lace is tangled.

WHEN

- Inspect laces for wear
- Clean
- Lubricate

SYSTEM

- After every ride
- After every ride
- When necessary

Recommended maintenance of the Boa Lacing System

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SCOTT BIKE SHOES

SHOE REPLACEMENT PARTS

217221 Heel Lug for Road Outsoles, all colors



217222 Team Issue strap and EVA pad, old Logo white/yellow

224572 Team Issue strap and EVA pad, new Logo white/yellow

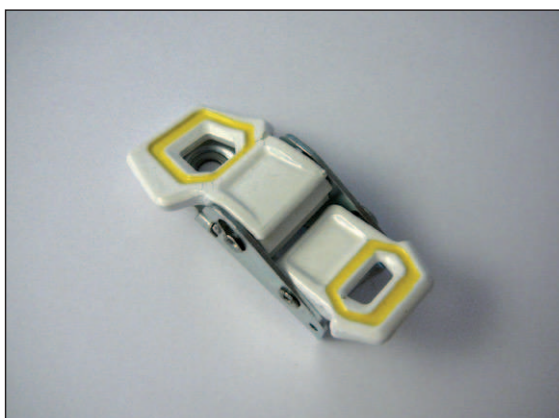
224573 Team Carbon strap and EVA pad, new Logo black/red



217223 EVA pad, yellow



217224 Buckle, all colors



217225 Innersole insert and wedge



217226 Strap for Team shoes, black and white



43 SCOTT TECH ACCESSOIRES

SCOTT TECH ACCESSOIRES

PUMP REPLACEMENT PARTS

REPLACEMENT PARTS FOR FLOORPUMP COMP 160



THE PUMP HEAD
15.1834.405.0.910
WILL BE REPLACED WHEN OUT OF STOCK BY
THE PUMP HEAD 211457



CAP / RUBBER PRESTA VALVE
PACK of 10
PIC. 15.1834.015.0.910



CAP / RUBBER SCHRADER VALVE
PACK OF 10
15.1834.013.0.910

SCOTT TECH ACCESSOIRES

PUMP REPLACEMENT PARTS

REPLACEMENT PARTS FOR FLOORPUMP COMP 160 / PRO 240



PUMP HEAD COMPLETE
PACK OF 10
211457



CAP / RUBBER
10 PACK
211459



HOSE WITH CONE / CAP
PACK OF 10
518340190910

REPLACEMENT PARTS FOR Shock Pump Pro



HOSE/HEAD SET
NO SKU AVAILABLE ON DEMAND at
EU.QM@scott-sports.com

44LEGAL INFORMATION

LEGAL INFORMATION

PROCEDURE IN PRODUCT LIABILITY CASES

A. PRODUCT LIABILITY

1. Definition

- Product defect (a product is defective in this meaning if it is not as safe as it can be generally expected
- at the moment of the first placing on the market, e.g. a fault in construction, a fault in production etc.)
- Bodily injury of the consumer caused by the product defect, and/or
- Property damages of other things than the defective product

2. Procedure / Check list

JUST AND SOLELY the SCOTT Headquarter handles product liability cases.

Therefore, please follow this check list. In case you do not follow this check list SCOTT might be sued and not be able to adequately defend its position which might create unjustified prejudices which might have detrimental consequences both for the trademark image of SCOTT and the business relation between SCOTT and you.

- Provide address and phone number of claimant
- Provide memo including the following data
 - What happened?
 - Who?
 - When did it happen?
 - Where?
 - Why?
 - What is the general appearance of the product?
 - Detailed product information, e.g. frame number, model etc.
- Provide sales slip
- Provide confirmations of periodical maintenances and services
- Provide a short summary of utilization of product since purchase
- Provide the complete written correspondence of the claimant, particularly medical certificates, technical expertises etc.
- Provide pin sharp photos of the defective product from all sides

LEGAL INFORMATION

- In case the claimant does not hand over the defective product for examination, provide name and address of location where the product may be examined by us
- Provide all written information in original and translated into English, German or French.
- Store carefully all pieces of evidence, particularly the defective piece, and send back to the claimant ONLY with explicit prior permission by SCOTT. DO NEVER THROW IT AWAY!

Please send all these information to

Barbara Moigno: +41 26 460 16 80 or EU.legal@scott-sports.com

Audrey Ravenswaay: +41 26 460 17 06 or EU.legal@scott-sports.com

Holger Klintner: +41 26 460 17 39 or holger.klinter@scott-sports.com

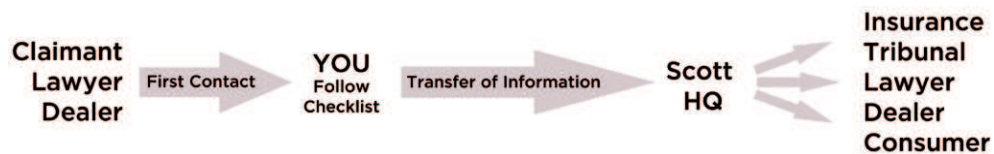
Patrick Bochud : +41 26 460 16 89 or patrick.bochud@scott-sports.com

Fax: +41 26 460 16 00

NO COMMENTS or STATEMENTS vis-à-vis the claimant or the dealer!

As a matter of course act in a customer-friendly manner (active listening / expression of sympathy and concern etc.) with the claimant!

Communication with consumers/insurances/lawyers will ONLY handled by SCOTT Headquarter!



45DT SWISS

46FOX

47 SR SUNTOUR

48BOSCH

