

NOVEMBER 06



WORKSHOP TECH SERVICES 07



- 1** > Spark, features and measurements
- 2** > Spark tool set
- 3** > Nude TC Shock
- 4** > Service Nude TC
- 5** > Scale 07
- 6** > Reflex/Reflex FX 07
- 7** > Genius LC-R Shock
- 8** > Service Genius LC-R
- 9** > Service Scott Shox 2007
- 10** > Sportster 07
- 11** > SUB 07
- 12** > Addict, features, measurements
- 13** > Ransom 07
- 14** > Cyclocross 07
- 15** > Contessa Race/Contessa FX/Contessa Sport/Contessa Speedster
- 16** > Genius MC 07
- 17** > Voltage 07
- 18** > Nitrous 07
- 19** > High Octane 07
- 20** > CR1 07
- 21** > Speedster 07
- 22** > Plasma 07
- 23** > Mechanic's Tips
- 24** > Replaceable drop-outs since 1995
- 25** > General warranty claims
- 26** > Replacement parts
- 27** > Technical data/geometry



SPARK, FEATURES AND MEASUREMENTS

1

Spark is the result of 2 years of research and development for the lightest mountain bike frame set available on the market, hitting the scale at below 1800 grams (4 pounds) including the frame, Scott Nude TC shock and TRAC-LOC remote control.



SPARK LTD



SPARK 10

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 MC).

Spark was designed for riders looking for a dual suspended race and marathon bike offering a maximum rear wheel travel of 110 mm.

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

In combination with the linear shock characteristics the chain tension will be reduced and doing so the pedalling will not influence function or movement of the rear swingarm.

The Scott system, named TC (Traction Control) will allow you to reduce by remote control the rear wheel travel from 110mm to 70mm 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.

GEOMETRY/TECHNICAL DATA SPARK

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69.5	110	555	73.5	400	422	-10
M	69.8	120	585	73.5	450	422	-10
L	70	140	610	73.5	490	422	-10
XL	70	160	640	73.5	540	422	-10

Travel	110/70/0 mm
Suspension Ratio	2.97
Piston stroke	37 mm
Shock length (eye to eye)	165 mm
Hardware Mainframe	22,2 mm x 6 mm,
Hardware Swingarm	22.2 mm x 6 mm,
Seatpost diameter	34,9 mm, some models with integrated seatpost
Headset	1 1/8" semi integr. with 44.0 mm cups
Fork travel	100 mm
Fork length	471 mm
BB housing	73 mm
Front derailleur	Downswing 34.9 mm Downpull
Bearings	2 x 61900 (22x10xT6), 6 x 63800 (19x10xT7)

IMP TECHNOLOGY

Our engineers have developed IMP™ (Integrated Carbon Molding Process), the latest technology applied to carbon production. The toptube, headtube and downtube are produced in one single step.

With this technology we can avoid any wrinkles in fibers and can avoid at the same time the overlap of different fibers.

This Scott specific process allows a lighter construction by removing 11% of the material from the headtube intersection while increasing strength by utilizing high modulus stressed fibers for more precise fiber placement in critical areas.

To compliment the IMP™ process, our frames benefit from our Naked External Tubeset™ which eliminates the cosmetic carbon layer to shave precious grams.

On the new Spark frames we combine the benefits of the new IMP technology with the advantages of the CR1 technology which is still a very lightweight and reliable technique.



HMX FIBRES

HMX fibers are an evolutionary step from our HMF fibres that increases stiffness by 20% at same weight. In addition this is accompanied by the latest technology in lay-up which allows us to set a new benchmark in weight and performance on bike frames.

FRAMES/BIKES

There will be 2 different frame qualities, same as on Genius and Scale bikes.

Spark LTD bike and frameset will be only available with integrated seatpost and new HMX fibres. Weight of complete bike is 9.9 kg; frameset is at 1955 gr, but including the seattube and seatclamp.

Spark 10 bike and frameset will use the same HMX fibres as LTD. Complete bike is at 10.5 kg; frame at 1790 gr.

Spark 20 and 30 will have the already well-known HMF fibres which will result in an additional weight of the frame of 100 gr in comparison to the frames made from HMX fibres.

FRAME PARTS

Please note that beside the 4 different sizes of the front triangle (S/M/L/XL) also the seatstays and linkage bars are specific for each frame size.

These parts are not interchangeable between the sizes!

206908	LINKAGE BAR SET SPARK 07 L
206908	LINKAGE BAR SET SPARK 07 M
206908	LINKAGE BAR SET SPARK 07 S
206908	LINKAGE BAR SET SPARK 07 XL

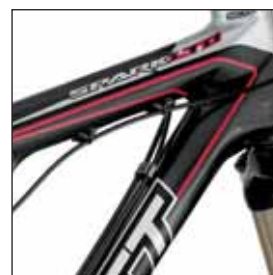
SCOTT SEALED CABLE ROUTING

The direct and straight cable system on all our full suspension models allows Smart Cable Routing which is very resistant against water and dirt.

To change the cables simply unscrew and open the cable brackets on the downtube.

Cable clamps are available in set of 3 pcs with parts number.

206951	CABLE FIXING SET SPARK one size
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ADJUSTMENT OF SEATPOST-HEIGHT

IMPORTANT

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

Never use another seatpost diameter than 34.9 mm or try to use a shim/reducer between seatpost and frame.



In case your bike is equipped with an integrated seatpost pls follow the instructions below to cut the seattube to your personal length.

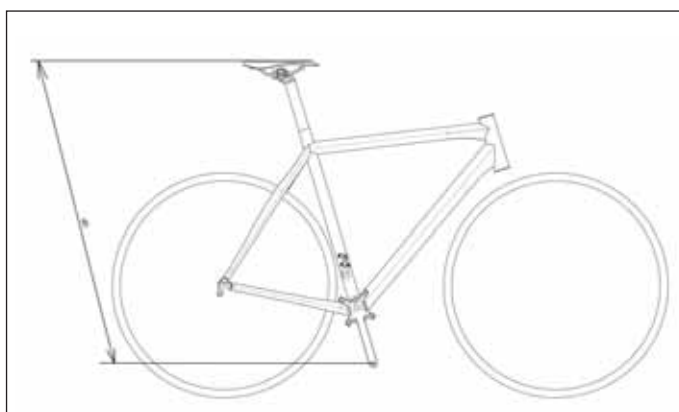
The seatpost of the Scott Spark needs to be cut and adjusted to the personal seat height of the rider.

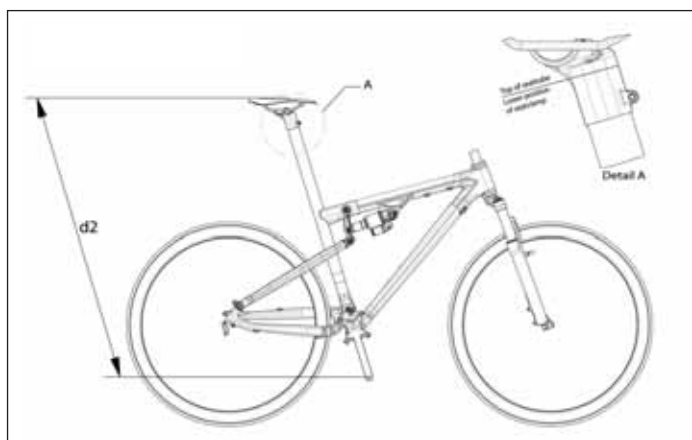
The tool to do so is added to your Spark and will help to cut properly without any risk of damaging your seat tube.

The instruction will show you to cut down the seattube as less as possible.

To do so, pls follow the instructions given below:

1. Take the exact measure of the distance (d1) 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.



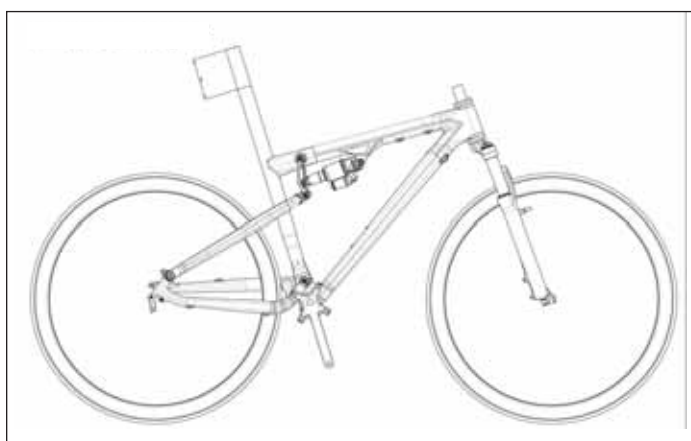


IMPORTANT

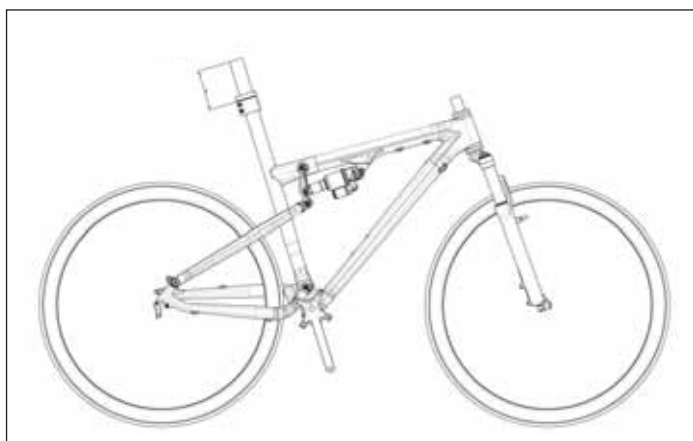
Please note that the change to another saddle or pedal model might influence a lot the length of the seat tube!

Mount your pedals and saddle on the Spark bike. Fix the saddle with the M5 screws (4 mm Allen key) by using a tightening torque of 5Nm (44 in-lbs).

Your Spark seat clamp allows you to vary the seat height for fine adjustment 20 mm. For the cutting, position your seat clamp as low as possible and measure the distance (d2) from the mid of the pedal axle to the upper side of the saddle. Remove the seat clamp and measure the distance (l) from the top of the seat tube: $l = d2 - d1$



2. Indicate the length (l) you want to cut on the seat tube with a marker pen.
3. Slide the Spark Cutting Tool on the seat tube of Spark until the line of the marker is visible in the slot on the tool that will guide your saw blade. drawing



4. Fix the 5mm bolts with a 4mm Allen key with a tightening torque of 6 Nm (53 in-lbs).
5. 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.
6. Cut the tube, remove the tool and take sandpaper to smoothen the edges of the cutting area.
7. Remount the seat clamp in its max. downward adjustment position, fix the M5 screw of the seat clamp (4mm Allen key) with a tightening torque of 5Nm (44 in-lbs).



In general 2 clamps are available:

206935	SEATCLAMP SPARK STD one size
206936	SEATCLAMP SPARK LONG one size

The long seatclamp will help those customer who cut the seattube too much or those who want to sell the bike to a person with longer legs.

Adjustability of the standard clamp is 20 mm.

Adjustability of the long clamp is 60 mm.

In case you want to order an additional cutting tool for your workshop you can order it with:

206940	CUTTING TOOL SEATTUBE SPARK 382
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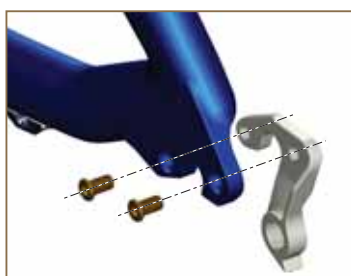


REPLACEABLE DROPOUT

Attached to the full carbon drop outs of our Spark frames you'll find a replaceable rear derailleur hanger made from alloy.

In case the replaceable hanger is damaged by a crash or accident you can order the replacement part with Scott article number:

206473	DROPOUT SPARK 2-PAK
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HEADSET SYSTEM

On Spark we use the already well-known semi-integrated headset system.

Assembly of cups can be done normal way with standard headset tools.

For removing the cups from the frame please note that you can not use a standard head cup remover tool as this might damage the frame seriously or even destroy it!



Inside the headtube are on both ends carbon inserts that might be damaged by the head cup remover tool.

In case you want to remove the cups pls use a chuck and tap the cups from the inner side (backside) of the frame to remove them. The carbon inserts inside the frame therefore have 2 slots to enable a good positioning of the chuck on the cups.



FRONT FORK SET-UP/CHANGE OF FRONT FORK

We recommend using front forks with a travel of **100 mm**, as this will not influence the geometry and alter handling of the bike.

Fork length from dropout to top of crown should be 471 mm.

ADDITIONAL PARTS SPECIFIC FOR SPARK

206952	SEATSTAY PROTECTOR SPARK one size
206954	ANTICHAINSUCK DEVICE SPARK one size
208359	SEATCLAMP W QR SPARK 38.25

SPARK TOOL SET

2

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

206941	TOOL- SWINGARM SPARK one size
206950	SWINGARM-REP. SET SPARK one size

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.

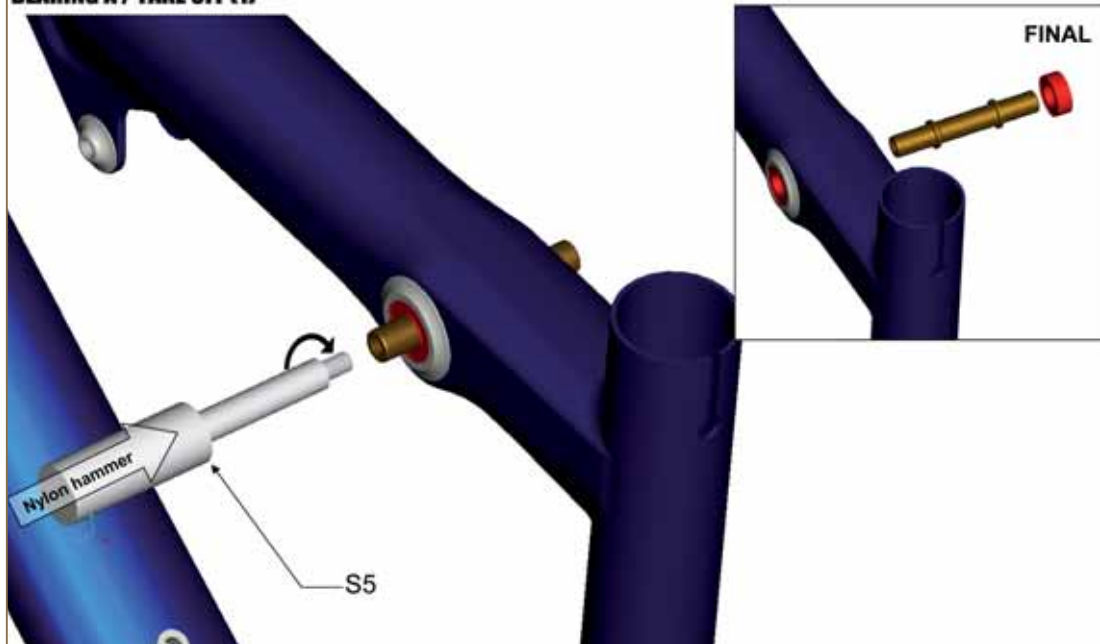
The Swingarm Rep Set will contain beside the bearings all nuts and bolts to replace all moving parts or parts of wear and tear of a Spark bike.

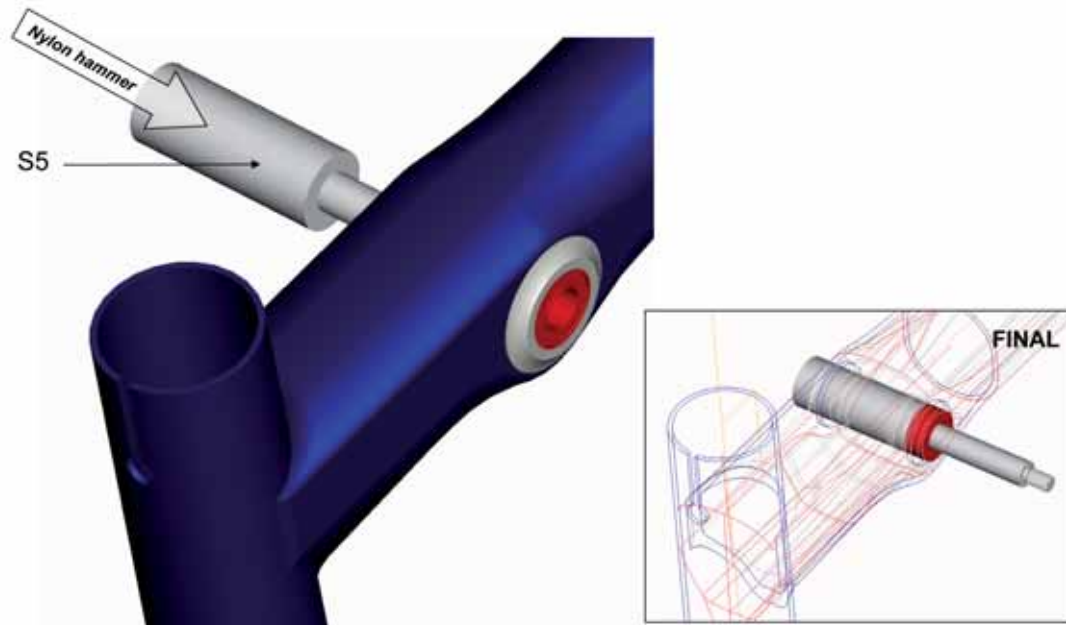
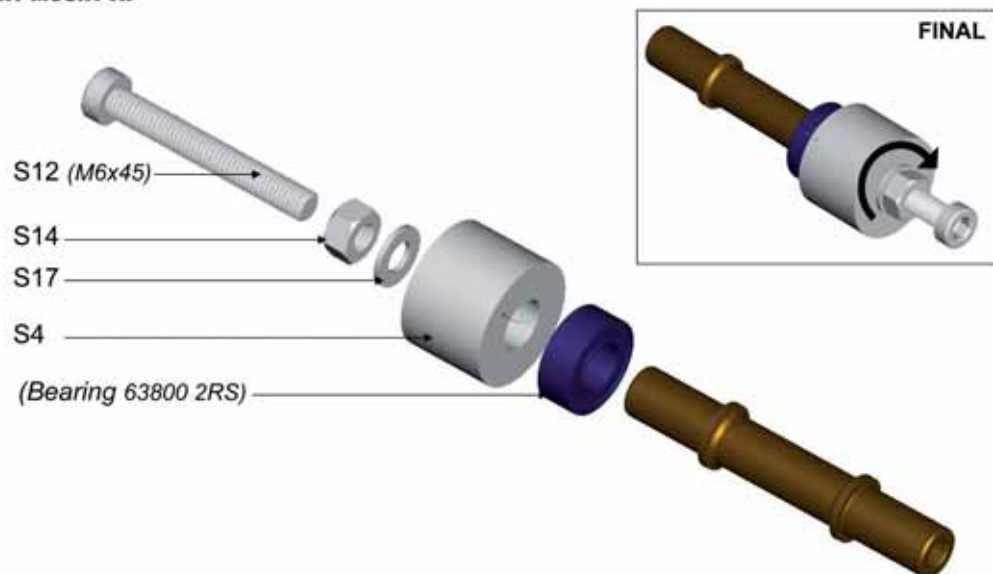
Pls have a look at following pics giving you an overview about all needed steps:

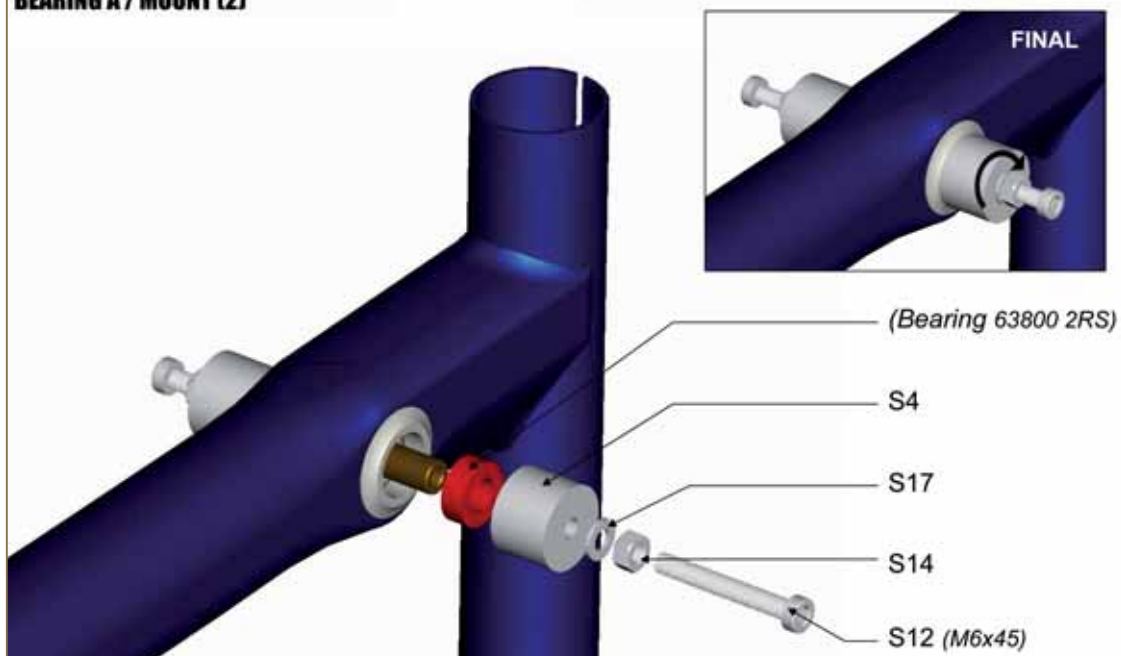
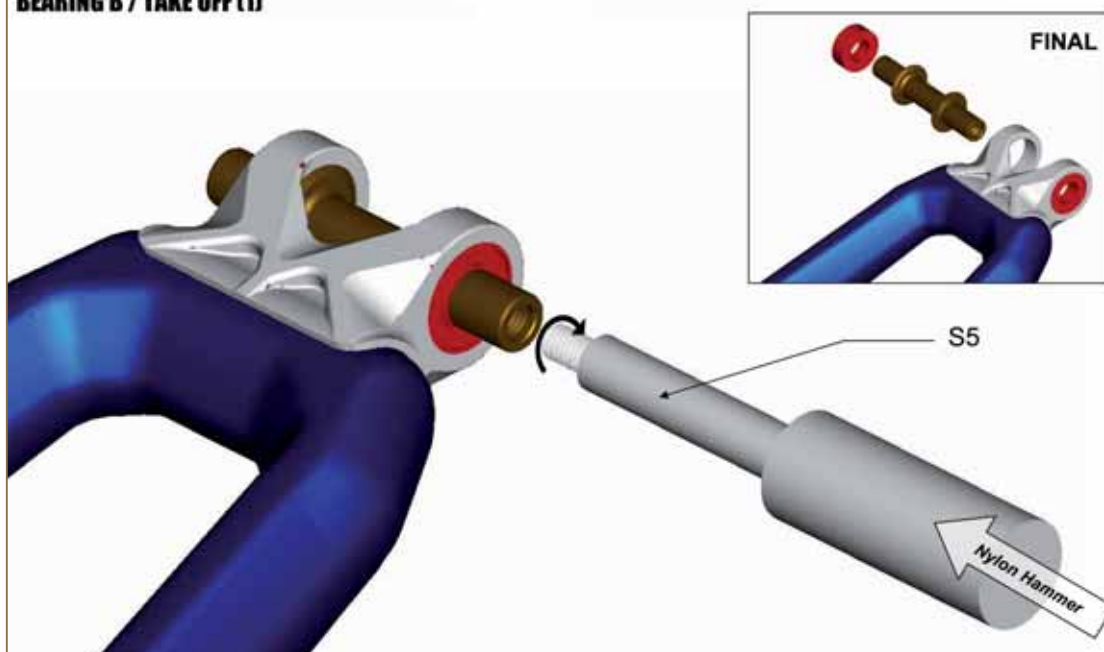


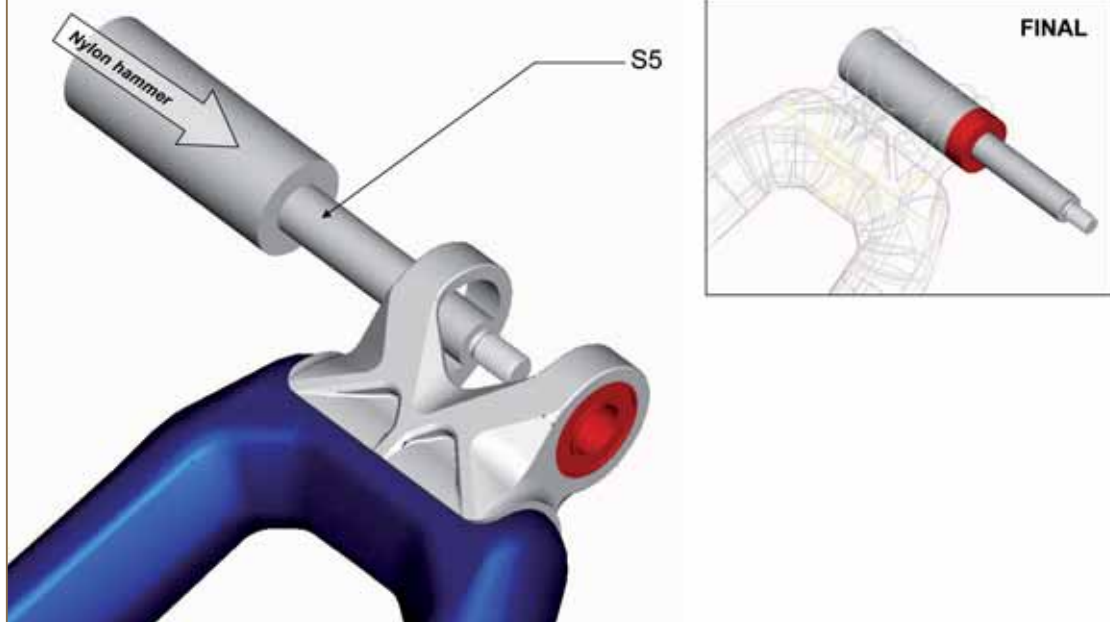
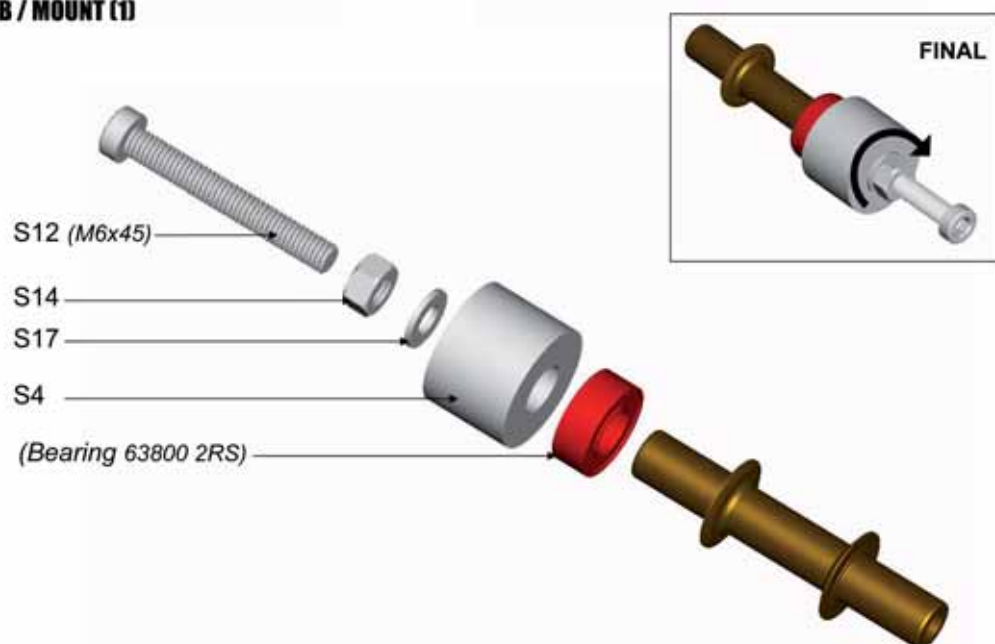
PART NAME	QTY.	PICTURE	PART NAME	QTY.	PICTURE
S1	1		S10	1	
S2	1		S11	2	
S3	1		S12	2	M6X45
S4	2		S13	1	M4
S5	1		S14	3	M6
S6	1		S15	1	M8
S7	1		S16	1	
S8	1		S17	2	
S9	1		S18	1	

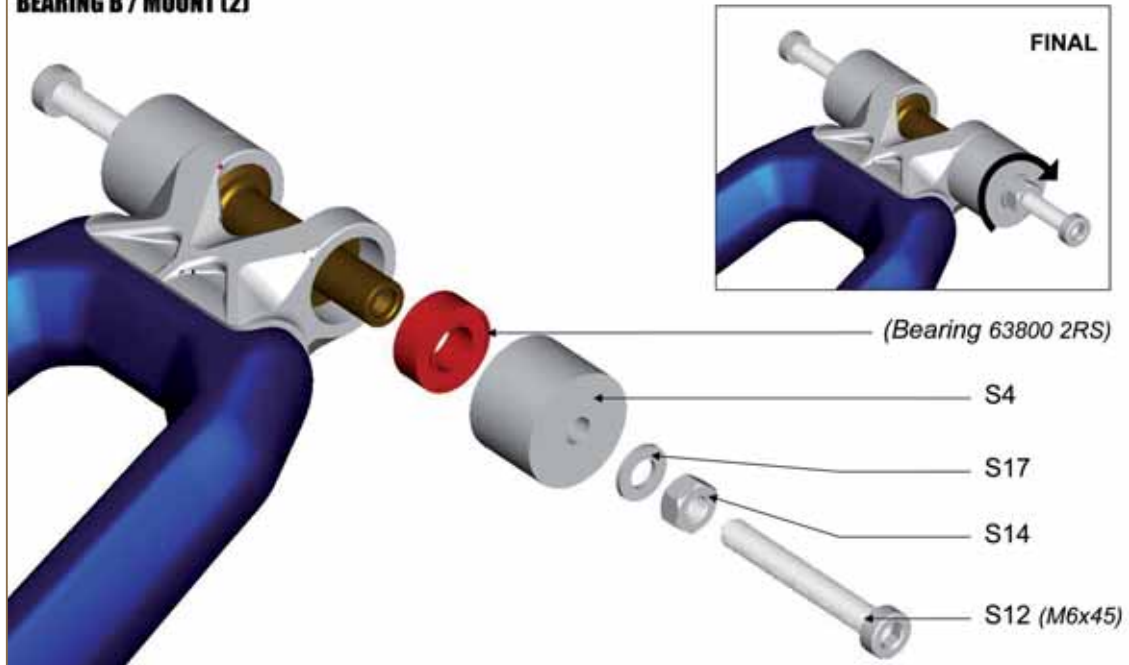
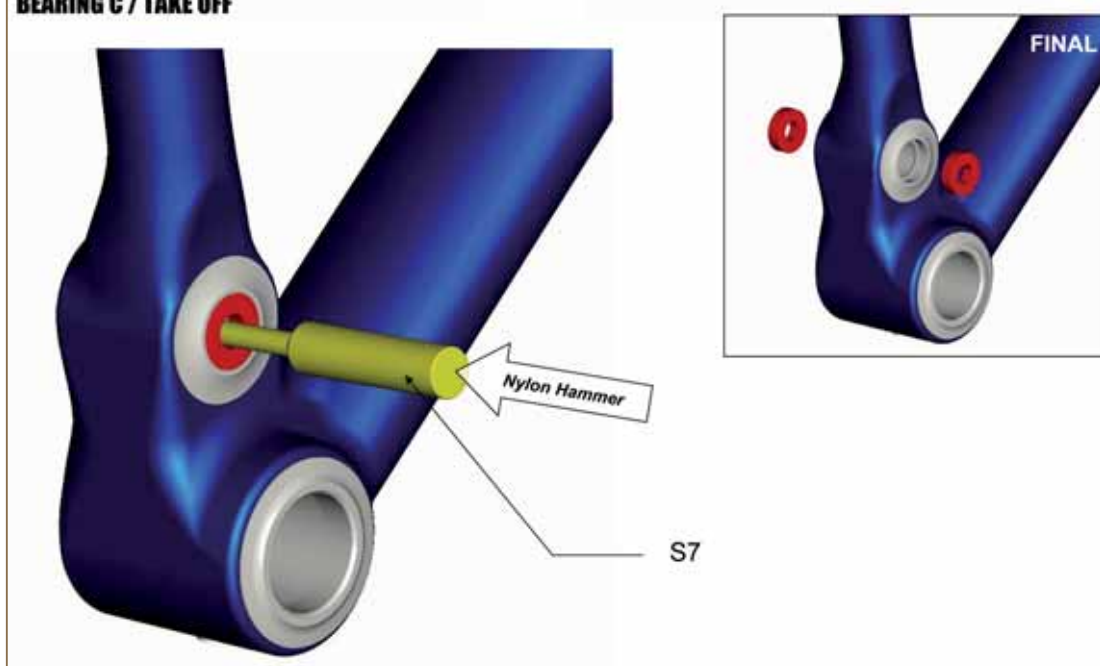
BEARING A / TAKE OFF (1)



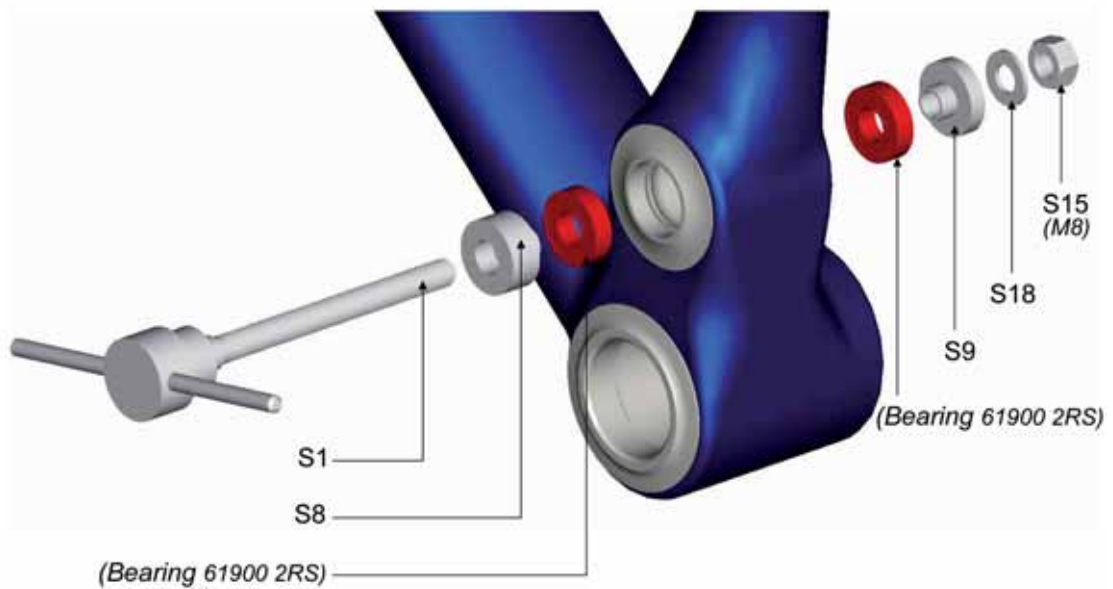
BEARING A / TAKE OFF (2)**BEARING A / MOUNT (1)**

BEARING A / MOUNT (2)**BEARING B / TAKE OFF (1)**

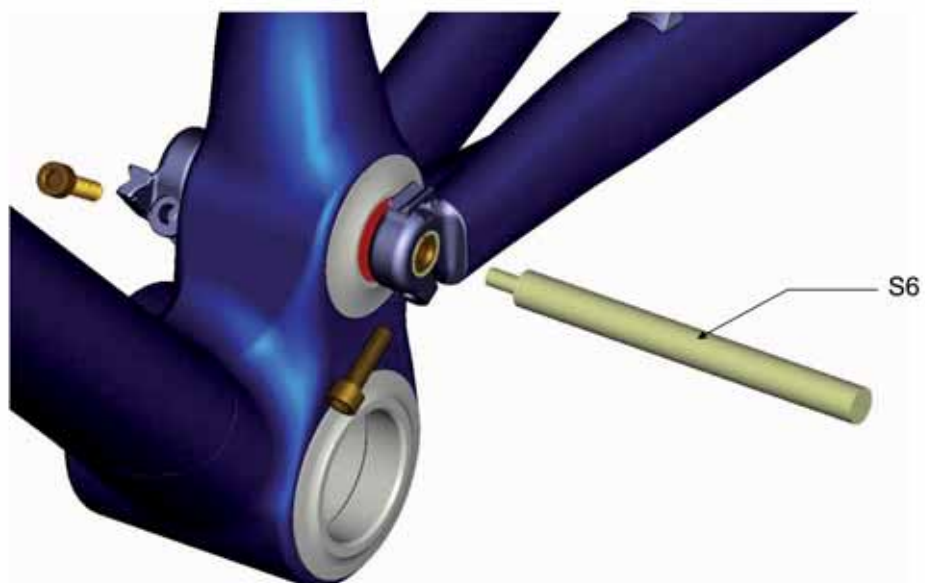
BEARING B / TAKE OFF (2)**BEARING B / MOUNT (1)**

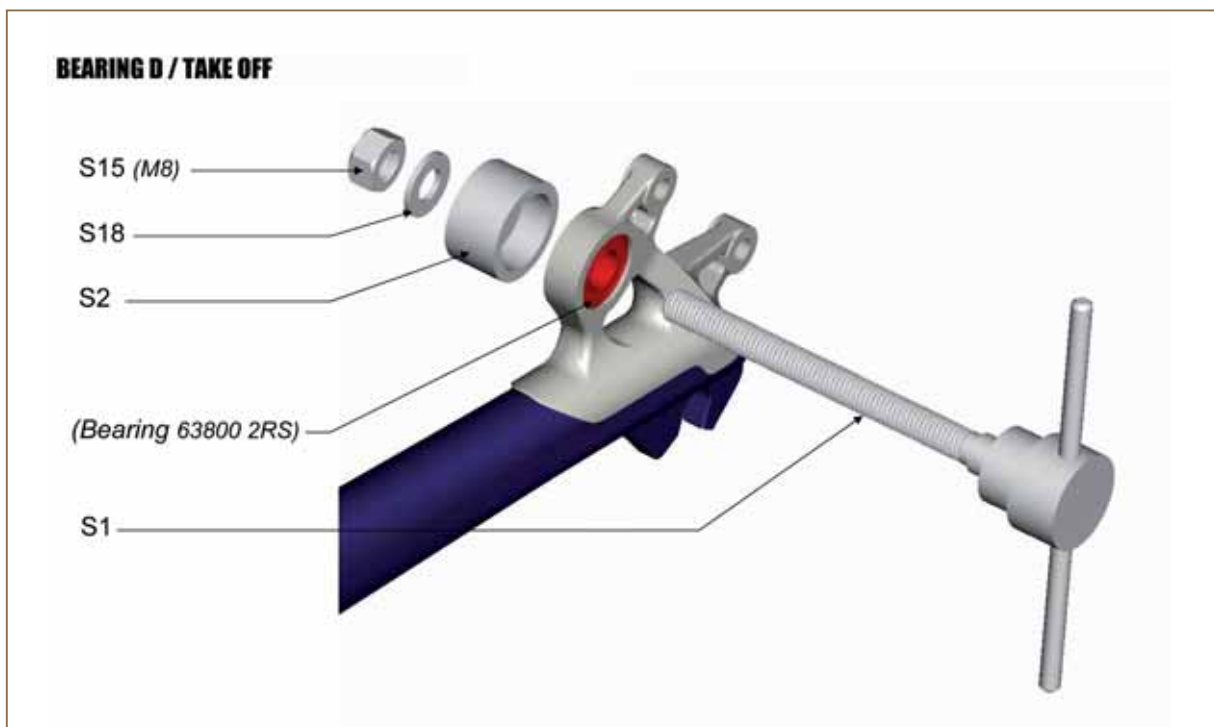
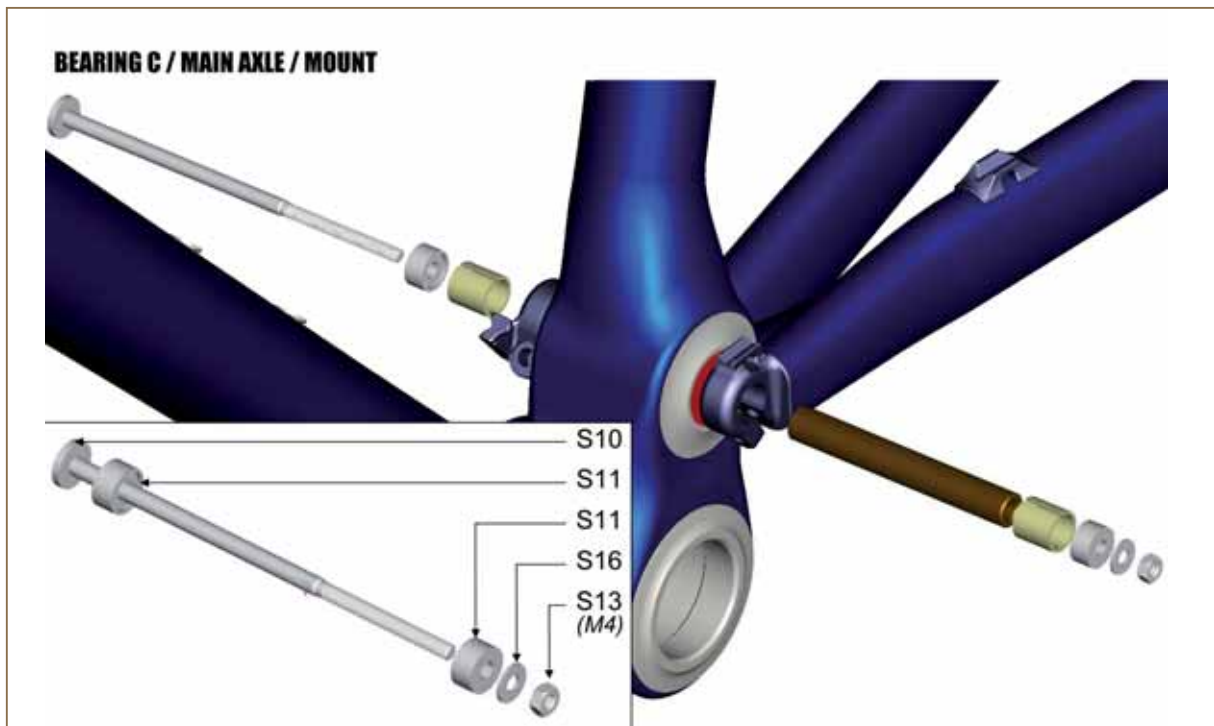
BEARING B / MOUNT (2)**BEARING C / TAKE OFF**

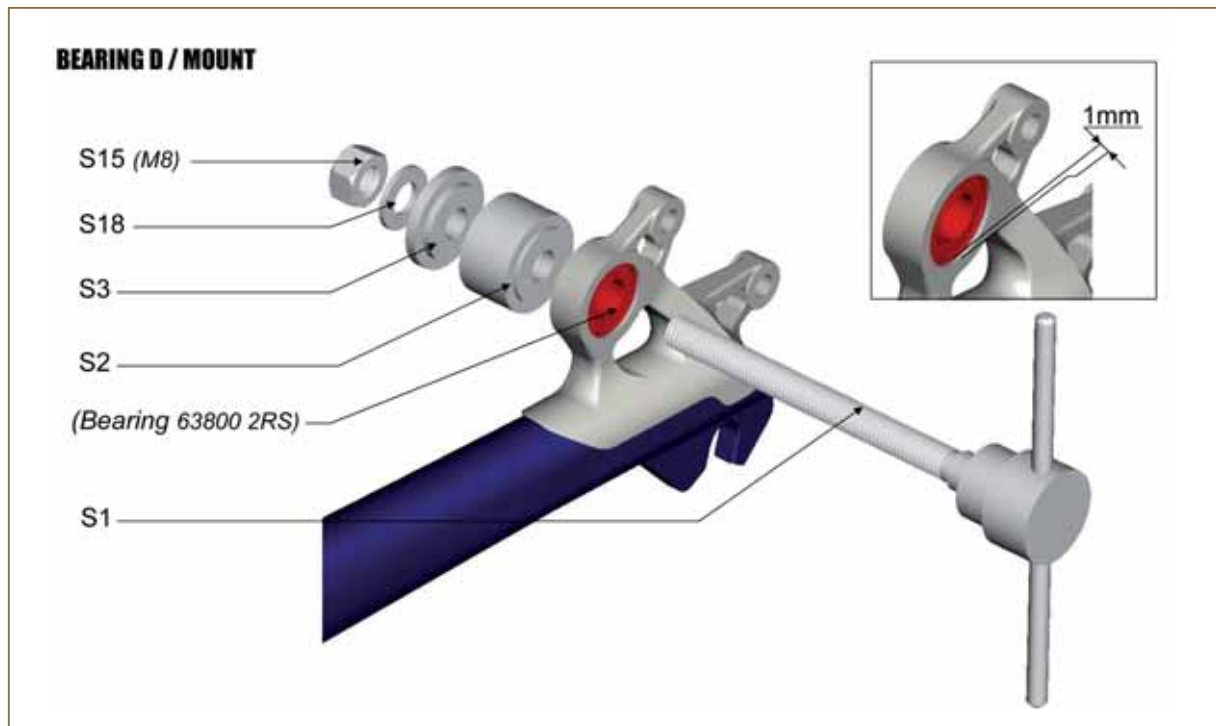
BEARING C / MOUNT



BEARING C / MAIN AXLE TAKE OFF / MOUNT ADJUST







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 (22x10xT6)

6 x 63800 (19x10xT7)



NUDE TC SHOCK

3

SHOCK-TECHNOLOGY

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

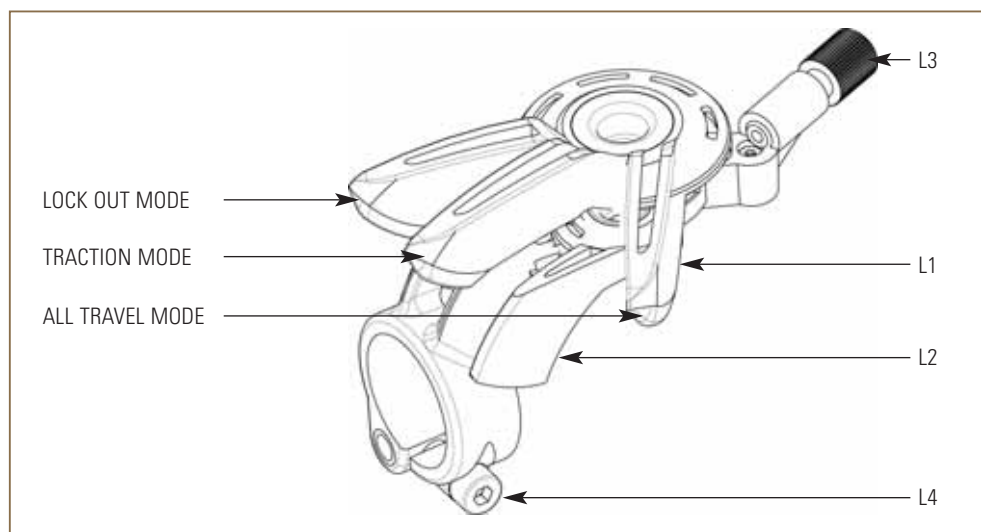
By using the TRAC- LOC remote lever you can chose following functions:

ALL TRAVEL MODE > full travel of 110 mm

TRACTION MODE > by reducing the internal chamber volume inside the shock the travel of the shock will be reduced to around 60% (approx. 70mm) the characteristic of the air spring gets harder. This results in climbing without "bobbing" and offers still optimum traction of the rear wheel.

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 following positions on the remote lever:

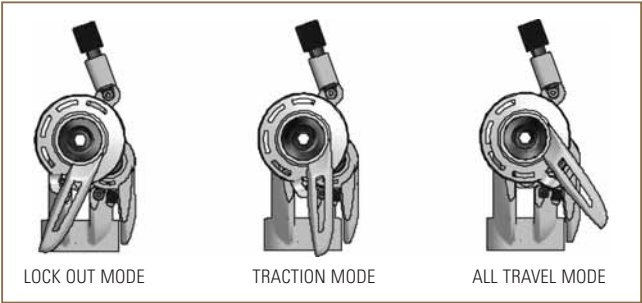


Please note that you can only assemble the TRAC-LOC remote lever in "left side upward position" on the handlebar.

You have 3 positions of the TRAC-LOC remote lever.

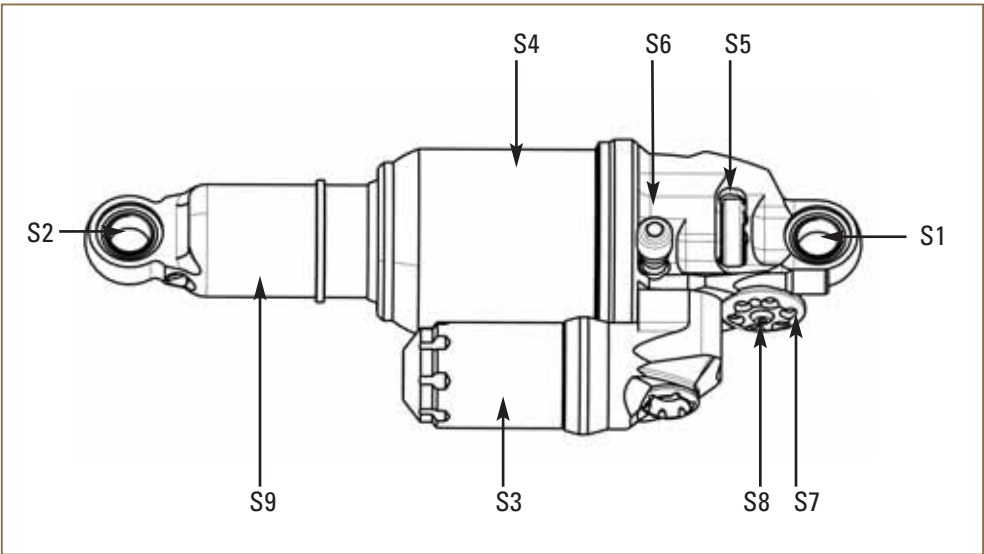
- > most forward position: lock out
- > middle position: traction mode
- > most backward position: all travel mode

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



NUDE TC SHOCK AND TRAC-LOC 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.



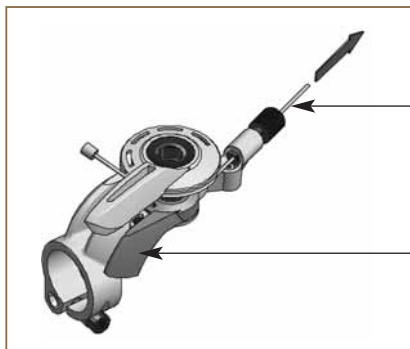
Parts list:

S1	Front eyelet/ Shock Bolt	S8	Cable fixing Screw
S2	Rear eyelet/ Shock Bolt	S9	Shock Piston
S3	Piggy-Back	L1	Remote Lever
S4	Shock Housing	L2	Release button
S5	Rebound-Screw	L3	Remote Control Cable
S6	Positive Chamber Valve	L4	Cable Tension Screw
S7	Lock Out Barrel		

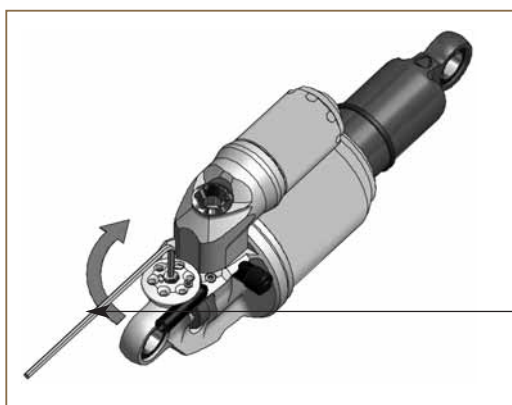


BASIC SET-UP OF THE TRAC-LOC REMOTE CONTROL OF NUDE TC SHOCK

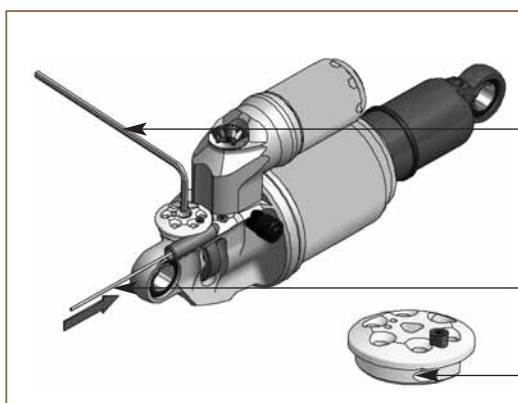
To ensure perfect function of the Nude TC shock it is very important to follow the steps shown below exactly.



- ① thread in cable along the groove and pull it tight gently
- ② press the release lever twice whilst still pulling the cable to set the lockout-lever into the "open" position



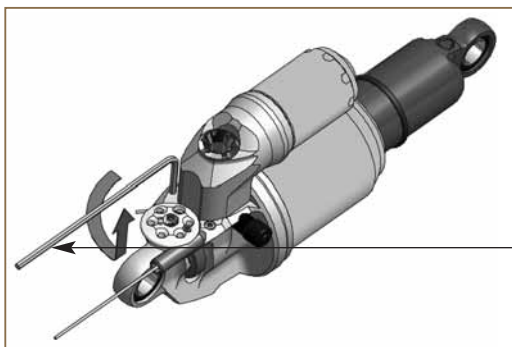
- ③ turn clockwise up to the stop by using a 2mm Allen key



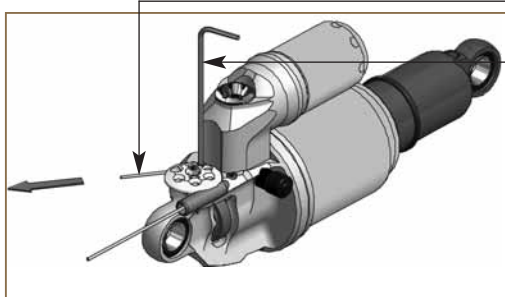
- ④ keep the Allen key kept in its end position and ...

thread in the cable ...

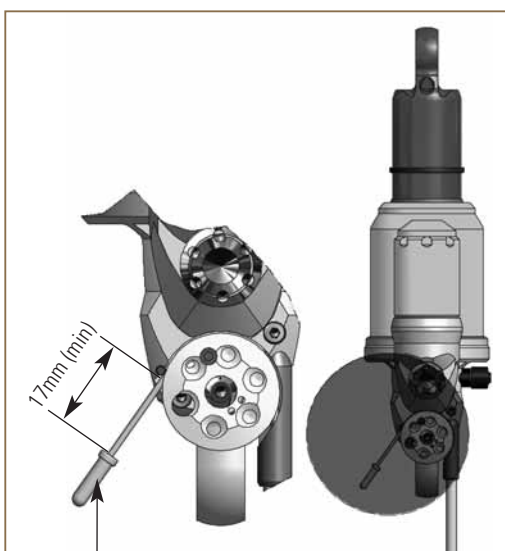
into this bore.



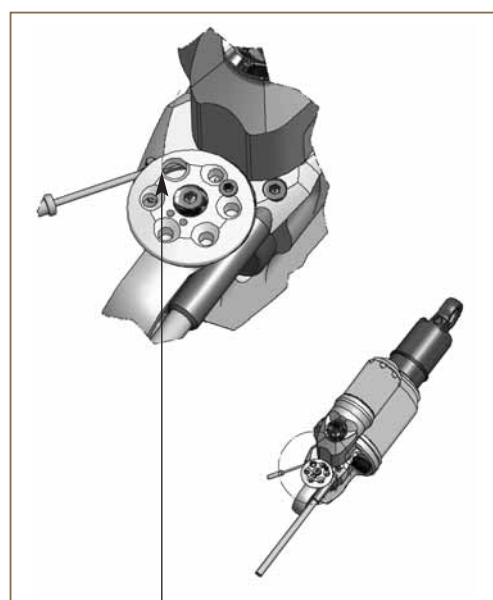
- 5 Release the Allen key gently counterclockwise and pull it off



- 6 Pull the cable tight ...
then tighten the headless 3mm-screw by using a 1,5mm-Allen key. (max. 1.3 Nm)



- 7 Put on the end cap and make sure to have at least 17mm of free cable length.



- In Traction-Mode the 4mm bore aligns with the edge on the shock body

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.

SET-UP SPARK WITH NUDE TC 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 TC Shock please refer to the following instruction:

1. remove the valve cap of the valve (S6) located on the shock housing (S4).
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 inner side of the left seatstays you will find a table showing the recommended air pressure of the positive chamber according to the rider's weight.

rider weight	kg	45	50	55	60	65	70	75	80	85	90	95
	lb	99	110	121	132	143	154	165	176	187	198	209
+ air setting	bar	5.0	5.8	6.6	7.4	8.2	9.0	9.8	10.6	11.4	12.2	13.0
	psi	73	84	96	107	119	131	142	154	165	177	189

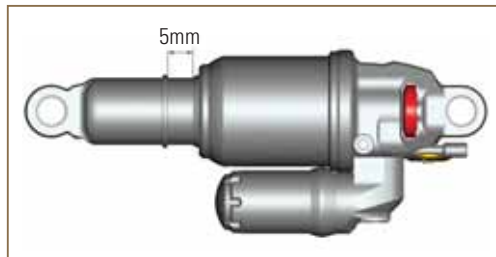
5. when you reached the needed pressure remove the pump and put the valve cap on the valve

The SAG should be 5mm 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 on the shock piston has a distance of 5mm 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 less than 5mm, 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 5mm.
 - if the distance between the main dust wiper/seal is bigger than 5mm, the air pressure of the air chamber is too low and should be increased by using the shock pump until the distance is 5 mm.





SET-UP OF REBOUND NUDE TC SHOCK

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

By using the red rebound screw (S5) 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 screw 1-2 “clicks” clockwise
- if it does not bounce the rebound is too slow. Turn the screw 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 as a MS Excel file.



IMPORTANT

Note that you have to mount the Scott Nude TC 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.



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.

MECHANICS TIP

In some cases it might be difficult to turn the rebound adjuster knob on the Nude TC shock. To receive a smoother break-away force please engage and release the Traction Mode and Lock-out function by pushing the remote control on the handlebar by 2-3 times.

This will re-grease internally the rubber seals touching the rebound knob and will make it easier to turn the knob again.

Set-Up of other shock models

Scott strongly recommends using only the Scott Nude TC Shock with the Spark bike, as we designed both parts for a perfect matching combination with a linear suspension rate.

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 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.



WARRANTY/SERVICE NUDE TC

4

As the Nude TC Shock is completely produced at DT Swiss using the Scott patented technology of the TC system, DT Swiss will be responsible for warranty support and service.

In many countries the national DT Swiss distributors will have for 1st aid in case of warranties replacement shox for your customers to ensure that the Spark customer can be back on trail within shortest time possible.

DT Swiss will explain and announce during their presentation at this workshop the complete warranty and service procedure in detail.

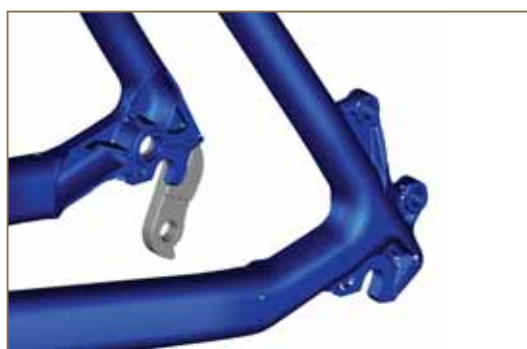
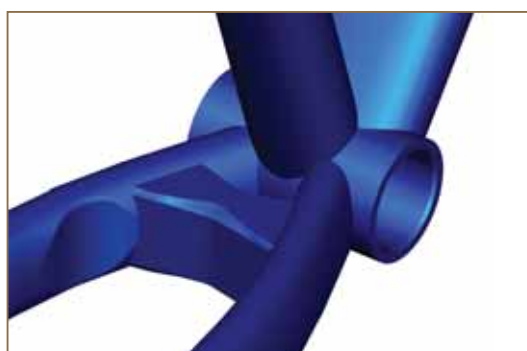


SCALE 07

5

On Scale 07 models we made several changes.

The Scale alloy bikes got new seatstays, chainstays and yokes.



The dropout sets for Scale alloy and many other Scott alloy bikes got a new article number.

206375	DROPOUT+SCREW ALL MTB SINCE'97 5-PK one size
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The Scale carbon bikes received a new replaceable drop-out that can be ordered with article number.

202863	DROPOUT SCALE CARBON 2 PAK
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In addition we want to remind you that we offer also for Scale carbon bikes of 2005 and 2006 with non replaceable dropouts a solution to get the bike back on trail after the rear derailleur hanger was damaged by accident or crash.

The Rep Set is available with parts number

204648	REPAIR SET DROPOUT SCALE 05/06 no size
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and contains also the manual as shown on the next page.

SCALE DROPOUT

REPLACEMENT HANGER : MOUNTING INSTRUCTIONS AUSTAUSCHBARES AUSFALLENDE : MONTAGEANLEITUNG PATE DE DERAILLEUR : DE REMPLACEMENT : INSTRUCTIONS DE MONTAGE

ENGLISH

CUT THE DROPOUT

Put the patch given in this set on your damaged Scale dropout. Take sure that the dropout surface of your frame is clean and that the position of the patch corresponds to the design of the dropout.
Cut your dropout with a fine metal saw along the bottom line of the patch. Remove the patch from your dropout, round the edges of the cut

DRILL THE DROPOUT

Place the replacement hanger on your dropout.
Mark the center of the 2 holes with a pin.
Remove the replacement hanger and bore the dropout with a Ø 3.5mm drill.
Round the edges of the holes with a fine file

MOUNT THE REPLACEMENT HANGER

Place the replacement hanger on your dropout.
Tighten the 2 M3 screws with a 2mm Allen tool (Torque = 3Nm / 26in-lbs)

FRANCAIS

DECOUPE DE LA PATE DE CADRE

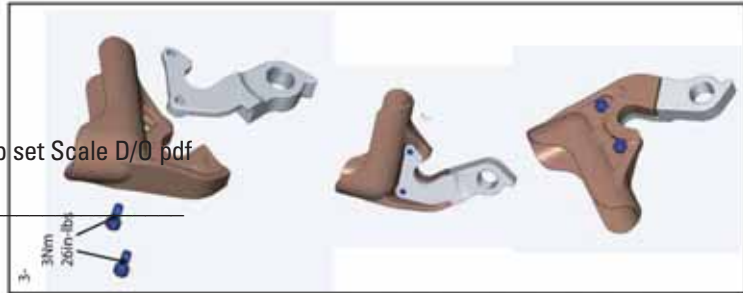
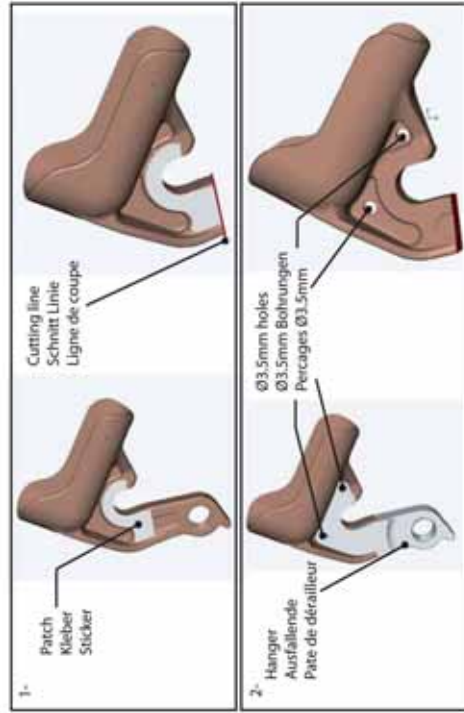
Coller le sticker fourni avec votre set de remplacement sur la pate arriere ndommagée de votre Scale. Assurez-vous que la surface de la pate arriere soit propre, et que la position du sticker corresponde avec le design de la pate arriere.
Coupez votre pate arriere avec une lame de scie à métaux, en suivant la ligne inférieure du sticker.
Enlevez le sticker de votre pate arriere, limez les angles vifs de la découpe.

PERCAGE DE LA PATE DE CADRE

Présentez la pate de remplacement sur votre pate arriere.
Marquez le centre des 2 trous de fixation avec une pointe.
Enlevez la pate de remplacement et percez la pate de votre cadre avec un øret Ø3.5mm.
Limez les angles vifs des percages avec une lime fine

MONTAGE DE LA PATE DE REMPLACEMENT

Présentez la pate de remplacement sur votre pate de cadre.
Vissez les 2 vis M3 avec une clé Allen de 2mm (Couple de serrage = 3Nm / 26in-lbs)



DEUTSCH

1- ABSÄGEN DES DEFEKTEN AUSFALLENDEN

- Kleben Sie den beiliegenden Aufkleber auf das Ausfallende Ihres Scale MTB (beachten Sie bitte hierbei, dass die Oberfläche des Ausfallendes sauber ist und die Position des Aufklebers mit der Form des Ausfallendes übereinstimmt)
- Sägen Sie das defekte untere Teil des Ausfallendes entsprechend der Unterkante des Aufklebers mit einer Metallsäge ab
- Entfernen Sie den Aufkleber vom Ausfallende, entgraten Sie die Schnittkante

2- BOHREN DES AUSFALLENDEN

- Halten Sie das Ersatzausfallende an das Rahmenausfallende
- Markieren Sie die Mitte der beiden zu bohrenden Löcher
- Entfernen Sie das Ersatzausfallende und bohren Sie die beiden Löcher mit einem Ø3.5mm Bohrer am Rahmenausfallende
- Entgraten Sie die Bohrungen mit einer kleinen Feile oder einem Dreikantschaber

3- MONTAGE DES ERSAATZUSFALLENDEN

- Halten Sie das Ersatzausfallende an das Rahmenausfallende
- Montieren Sie die zwei M3 Schrauben mit einem 2mm Inbusschlüssel (Drehmoment = 3Nm/26in-lbs)



TECHNICAL DATA/GEOMETRY SCALE 07

Scale remains same for MY 06 from the frame specs.

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	70.5°	105	555	73.5°	390	420	-30
M	71°	115	580	73.5°	440	420	-30
L	71°	130	600	73°	480	420	-30
XL	71.5°	150	620	73°	530	420	-30
XXL	71.5°	160	640	73°	580	420	-30

XXL only for alloy frame

Headset	1 1/8" semi integr. with 44.0 mm cups
Seatpost diameter carbon frame	34.9 mm
Seatpost diameter alloy frame	31.6 mm
BB housing	73 mm / 68 mm alloy
Front derailleur carbon frame	E-type, top route
Front derailleur alloy frame	34.9 mm clamp, dual pull
Fork travel	100 mm
Fork length	470 mm

Special parts

202863	REPLACEABLE DROPOUT Scale 07 one size
206375	DROPOUT+SCREW ALL MTB SINCE'97 5-PK one size
204648	REPAIR SET DROPOUT SCALE 05/06 no size
203931	CABLE FIXING SET GENIUS/SCALE black
1518364010000	SEATCLAMP 38.4mm w/Quick Release JD-MC
1518364020000	SEATCLAMP 38.4mm w/bolt JD-RC
1518364030000	SEATCLAMP 38.4mm w/titan.bolt JD
1558605110000	CHAINSUCK PROTECTOR Scale carbon



REFLEX /REFLEX FX 07

6

The bikes of the Reflex/Reflex FX line got for MY 07 an upgrade on the frames by using new hydroformed tubing. We are able to increase the stiffness of the frames with keeping the same weight and for sure improving the look.

GEOMETRY/TECHNICAL DATA REFLEX FX

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	100	555	74°	430	428	0
M	69.2°	120	572	73.7°	460	428	0
L	69.4°	125	594	73.3°	500	428	0
XL	69.6°	150	616	73°	540	428	0

Travel	0/110 mm
Shock (Eye to Eye)	220 mm
Hardware Mainframe	15.1.817.403.0.000
Hardware Swingarm alloy	15.1.817.403.0.000
Seatpost diameter	31.6 mm
Headset	1,1/8"
Fork travel	100 mm
Fork length	476 mm
BB housing	73 mm
Front derailleur	Topswing E-Type downpull
Bearings	L-1910 RS 8 St.

GEOMETRY/TECHNICAL DATA REFLEX 10-30

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	69.5°	105	545	74.5°	350	427	-32
S	70°	115	555	74°	390	427	-32
M	70.5°	130	570	73.5°	440	427	-32
L	70.5°	145	585	73.5°	500	427	-32
XL	71°	160	600	73°	570	427	-32
XXL	71°	175	620	73°	600	427	-32

Headset Reflex 10-30	1 1/8" semi-integrated ahd, 44 mm cups
BB housing	68 mm
Seatpost diameter	26.8 mm



GEOMETRY/TECHNICAL DATA REFLEX 40-60

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	69.5°	95	545	74.5°	350	427	-32
S	70°	105	555	74°	390	427	-32
M	70.5°	120	570	73.5°	440	427	-32
L	70.5°	135	585	73.5°	500	427	-32
XL	71°	150	600	73°	570	427	-32

Headset Reflex 40-60 1 1/8" standard ahd
BB housing 68 mm
Seatpost diameter 26.8 mm



GENIUS LC-R SHOCK

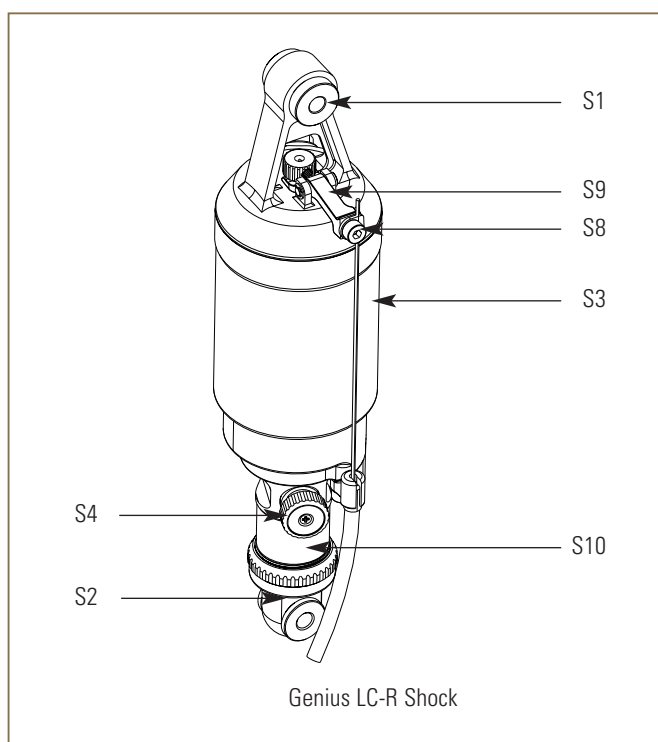
7

The heart of the LC-R-System is the newly developed and innovative Scott Genius LC-R Shock, offering two functions: By using the lock out lever on top of the shock body you can choose between following functions:

1. ALL TRAVEL MODE > full travel of 100 mm on Reflex FX models.
2. LOCK OUT MODE > the shock is locked; climbing on asphalt roads is now possible without any power loss. Simultaneously a blow-off-system prevents the shock being damaged in case the rider did not open the system while crossing obstacles.

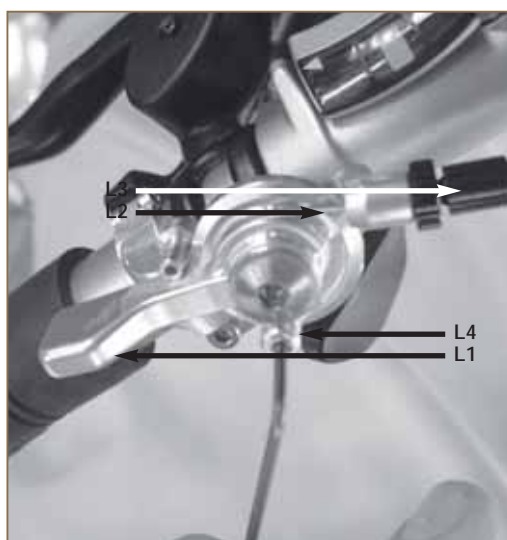
Parts list:

S1	Upper Shock Bolt	S9	Lock-Out Lever
S2	Lower Shock Bolt	S10	Shock Piston
S3	Shock Housing	L1	Remote Lever
S4	Rebound-Screw	L2	Remote Control Cable
S5	Negative Chamber Valve	L3	Tension Screw
S6	Positive Chamber Valve	L4	Allen Screw
S8	Allen Screw 3 mm		



BASIC SET-UP OF THE REMOTE CONTROL OF GENIUS LC-R SHOCK

1. Put the remote lever (L1) to position "Lockout". [1]
2. Fix the remote control cable (L2) with the cable fixation screw (S8) using a 3 mm allen key (tightening torque: 3 Nm) on the lock out lever (S9).
3. When putting now the remote lever to position "All Travel" the cable will pull the Lockout lever downward and the shock will offer now the full travel. Check now the set-up for perfect function of remote lever and shock
4. In case you want to fine-tune the brake-away power of the remote lever, you can do this by using a 2 mm allen key and by turning the allen screw (L4). In case you want to readjust the tension of the remote control cable you can do this by using the tension screw (L3). [2]



Remote Lever

SET-UP OF POSITIVE AIR CHAMBER GENIUS LC-R SHOCK

IMPORTANT

For all adjustments of the air spring the lock out lever has to be in position "all travel"/open

The positive air chamber contains the air-spring you "sit-on" while riding. [7]

To adjust the air pressure of the positive chamber of the Scott Genius Shock please refer to the following instruction:

1. Remove the valve cap of the black valve (S5) located on the lower end of shock housing (S3)
2. Mount the shock pump with its adaptor on the valve
3. Pump the recommended pressure into the positive chamber. On the housing of the shock you will find a table showing in the black colored areas the recommended air pressure of the positive chamber according to the rider's weight. Sketch of shock housing decal
4. When you reached the needed pressure remove the pump and put the valve cap on the valve



SET-UP OF NEGATIVE AIR CHAMBER GENIUS LC-R SHOCK

The negative air chamber contains the air-spring influencing the brake-away and characteristic while absorbing shocks. A too high brake-away can cause an non-secure and uncomfortable ride. [8]

To adjust the air pressure of the negative chamber of the Scott Genius LC-R Shock please refer to the following instruction:

1. Remove the cap of the silver valve (S6) located on the upper end of the shock housing (S3)
2. Mount the shock pump with its adaptor on the valve
3. Pump the recommended pressure into the shock housing. On the housing of the shock you will find a table showing in the silver colored areas the recommended air pressure of the negative chamber according to the rider's weight.
4. When you reached the needed pressure remove the pump and put the valve cap on the valve.

We recommend to make sure that the pressure balance between positive and negative chamber follows the recommendations shown on the shock housing.

Not doing so may cause a loss in performance or comfort or may result in damage of the shock.

After adjusting positive and negative chamber according to the rider's weight you can double check by using the SAG-Boy, which is on the back of the manual, if the SAG (negative travel) is well adjusted.

The negative travel is important when crossing grooves or holes on the trail. If the bike is well adjusted the rear wheel and the swingarm will roll through the groove without the mainframe moving.

The SAG should be 15-20% of the travel for race oriented riders and 20-25% of the travel for comfort oriented riders.

The SAG-Boy indicates the recommended eye-to-eye distance of the shock bolts of the different Genius models.

To check the adjustment, please follow as shown below:

1. sit on the bike, put your feet on the pedal [9]
2. ask a second person, to put the color beam of the SAG-Boy, recommended for your bike model, aside the eye-to-eye distance of the shock bolts.
 - if the distance between the bolts is corresponding to the length of the color beam, the air pressure is matching to your weight
 - if the distance between the bolts is shorter than the length of the color beam, the air pressure of the positive chamber is too high and should be carefully reduced by using the bleed knob of the shock pump until the measures are corresponding [10]
 - if the distance between the bolts is longer than the length of the color beam, the air pressure of the positive chamber is too low and should be increased by using the shock pump until the measures are corresponding.



SET-UP OF REBOUND GENIUS LC-R SHOCK

“Rebound” describes the speed the shock comes back to its original length after absorbing an obstacle. By using the red rebound screw (S4) you can adjust the rebound step by step.

Please refer to the following instruction: ride your bike off a sidewalk (remain in the saddle) and check how many times it bounces.

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



SERVICE GENIUS LC-R

8

The Scott LC-R Shock will have the same maintenance intervals and warranty periods as already known from Genius TC Shock.

Concerning the international Service Centers it is our target to offer you the same partners as we have on the Genius TC Shock.

Detailed information with all actual addresses will be available soon on our website www.scott-sports.com in the support area with headline "Scott Shock Service".

MAINTENANCE / SERVICE GUIDE

Please clean regularly after riding off-road the shock piston and all other parts in motion of the shock with a soft and wet cloth or if needed with mild soap to prevent from excessive wear and tear.

For maintenance and service please refer to the following table:

Maintenance period	New	Every ride	Every 8 hours	Every 40 hours	Every 1000 hours / min. 1 x year
Check of air pressure	X	X			
Check of rebound	X	X			
Clean shock bushings, check for tear and wear, grease				X	
Change of oil/inspection at Scott Shock Service					X
Clean shock housing		X			
Clean Lockout mechanism		X			

IMPORTANT

The Scott LC-R Shock is pressurised. Never open, disassemble or rework the shock. Only a qualified and authorized Scott service staff/shock service center should do this.

To open a shock which is under pressure can be dangerous and may cause injuries!

The Scott LC-R Shock always must be adjusted to the rider's weight to warrant perfect function. Therefore check before every ride the shock for fitting air pressure.

Riding a defective or not properly working shock can result in the loss of control over the bike and may cause severe or dangerous injuries!



In case you want to disassemble the shock from the bike for service or other reasons please note the recommended tightening torque of **10Nm** for the shock bolts.

Scott recommends strongly the use of a torque key to prevent from damages on shock, shock bushings or frame.

In addition the shock bolts should be fixed with Loctite medium (blue) to prevent the bolts from getting unscrewed.

Damages caused by improper assembly or bad maintenance as mentioned above, are not covered by warranty.

Once the recommended check up is made by Scott or a shock service authorized by Scott, it is reported in the maintenance schedule at the end of the manual, which will then enable you to claim for warranty within the warranty period.

The owner of the shock is responsible for the costs of the service.



SCOTT SHOX SERVICE 07

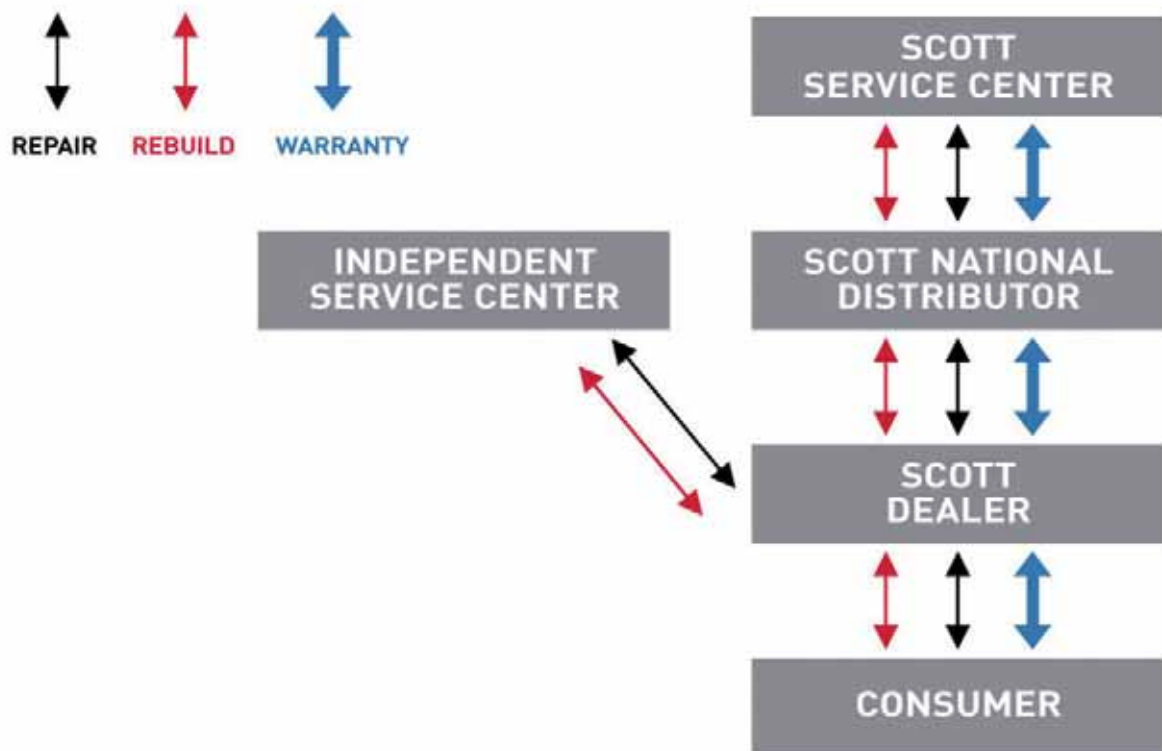
9

For the recommended annual maintenance of Scott Shox we will have info shown below on our web site to guide the consumers and dealers.

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.

We recommend the BASIC MAINTENANCE once a year and the DELUXE MAINTENANCE every 2 years.

BASIC MAINTENANCE

- > new oil
- > all seals of air can
- > all sliders
- > new decals

Recommended retail price at your Scott Dealer:

Genius TC	> 70 €
Equalizer OTS	> 70 €
Scott LC	> 65 €
Scott LC-R	> 65 €

plus additional freight costs.

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

DELUXE MAINTENANCE

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

Recommended retail price at your Scott Dealer:

Genius TC	> 110 €
Equalizer OTS	> 110 €
Scott LC	> 105 €
Scott LC-R	> 105 €

plus additional freight costs.

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



At the moment we can present you following

AUTHORIZED INDEPENDENT SHOCK SERVICE CENTER

BIKE SUSPENSION CENTER - ITALY

Via Monte Leone 4
Cermes (BZ) Italy
39010
Phone: +39 0473 56 3107
Fax: +39 0473 55 9630
info@pepi.it
www.bikesuspension.com

TF TUNED SHOX - UK

Highchurch Farm
Hemington
Radstock
BA3 5XT
Phone: +44 13 73 83 44 55
Fax: +44 13 73 83 11 23
service@tftunedshox.com
www.tftunedshox.com/scott/index.htm

SABMA - BENELUX/France

Rue Neuve 12
4720 Kelmis
Benelux
Phone: +32 87 631980
Fax +32 87 631978
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

Gurnigelstrasse 11
CH-3132 Riggisberg
Switzerland
Phone: +41 31 809 30 20
Fax: +41 31 809 30 22
suspension.center@bluewin.ch
www.suspensioncenter.ch

BM SPORTECH, S.A. SPAIN

Service Tecnic Spain
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KIAN HONG CYCLE PTE LTD

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Fax. +65 (67) 49 57 89
sdiann@khcycle.com.sg

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Fax. +82 31 555 00 88
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South Africa
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Fax +27 (11) 822 2874
pieterdp@scott-sports.co.za

PUSH INDUSTRIES, INC.**only Equalizer OTS**

Darren Murphy
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Tel. +1 (970) 278 11 10
Fax +1 (970) 278 94 50
dm@pushindustries.com

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Fax +61 (2) 9550 2030
GavinB@netti.com.au

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Shibuya-ku,
Tokyo 150-8517
Japan
ki-takeuchi@goldwin.co.jp

IGP

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70, Bairro Santa Rita
13335-070 Indaiatuba, Sao Paulo
Brazil
Tel. +55 (19) 3875 70 75
Fax +55 (19) 3875 91 25
raphael@scott.com.br

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Näsilinnankatu 29
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Tel. +358 (3) 214 87 55
rtech@oeoe.fi
starting 01.12.2006

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Taos Ciglic
Britof 96a
4000 Kranj
Slovenia
Tel. +386 (4) 280 2021
taos@prolocotrade.si
starting 01.12.2006

PLANET BIKE CO. D.O.O.

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Autoput 22,
11080 Belgrade
Serbia & Montenegro
Tel. +381 (11) 3149 033
Fax +381 (11) 3149 101
djordje.mircic@planetbike.co.yu
starting 01.12.2006



We are working on offering more partners for maintenance in all countries Scott is on the market, so our target is to offer in the next years for all countries a partner for service.

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.

Some examples why it really pays off to go for annual maintenance:

In case you have a warranty claim after 17 months but can prove with the stamp and invoice of an Authorized Independent Service Center that your shock was at annual maintenance, Scott will accept the warranty.

In case you can not show a proof of maintenance after 12 months when demanding for a repair on warranty base we will invoice all costs of the repair.

Shocks given to Scott Service Center without this proof will be repaired and invoiced to you.

SCOTT RESERVES THE RIGHT ON ALL FINAL DECISIONS CONCERNING WARRANTY CLAIMS.

Please make sure to deliver always the proper paperwork with the shock in case of a warranty claim.



SPORTSTER 07

10

The bikes of the Sportster P1-P3 got for MY 07 an upgrade on the frames by using new hydroformed tubing. We are able to increase the stiffness of the frames with keeping the same weight and for sure improving the look.

GEOMETRY/TECHNICAL DATA SPORTSTER:

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	110	550	74°	470	450	-60
M	70°	125	565	73.5°	510	450	-60
L	71°	140	580	73°	550	450	-60
XL	71.5°	155	595	73°	590	450	-60

Headset 1 1/8" semi-integrated ahd, 44.0mm cups

BB housing 68 mm

Seatpost diameter 26.8 mm

GEOMETRY/TECHNICAL DATA SPORTSTER LADY

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	120	530	74°	440	450	-60
M	69.5°	130	545	73.5°	480	450	-60
L	70°	140	560	73.5°	520	450	-60

Headset 1 1/8" semi-integrated ahd, 44.0mm cups

BB housing 68 mm

Seatpost diameter 26.8 mm

Special parts

203931	CABLE FIXING SET GENIUS/SCALE black
203932	CABLE FIXING SET REFL.FX/RANSOM black
206831	FORK Suntour NCX-FT-D RL 700C black
206832	FORK Suntour NCX-D LO 700C black
206833	FORK Suntour NEX 4510 LO 700C black
206834	FORK Suntour NEX 4010 700C black
206919	RIM ALEX SUB 700C 32H disc black
206921	RIM ALEX SUB 700C 32H cnc black



SUB 07

11

GEOMETRY/TECHNICAL DATA SUB 26"

The bikes of the SUB line got for MY 07 an upgrade on the frames by using new hydroformed tubing. We are able to increase the stiffness of the frames with keeping the same weight and for sure improving the look.



Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	69°	145	540	74°	434	430	-30
S	69.5°	155	550	73.5°	474	430	-30
M	70°	175	565	73°	514	430	-30
L	70°	195	580	73°	554	430	-30
XL	70.5°	205	590	73°	594	430	-30

Headset 1 1/8" semi-integrated ahd, 44 mm cups
 BB housing 68 mm
 Seatpost diameter 26.8 mm



GEOMETRY/TECHNICAL DATA SUB 700C/CLASSIC

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	70°	120	550	74°	490	450	-60
M	70.5°	135	565	73.5°	530	450	-60
L	71°	150	580	73°	570	450	-60
XL	71°	165	590	73°	610	450	-60

Headset 1 1/8" semi-integrated ahd, 44 mm cups
 BB housing 68 mm
 Seatpost diameter 26.8 mm

Special parts

203931	CABLE FIXING SET GENIUS/SCALE black
203932	CABLE FIXING SET REFL.FX/RANSOM black
206827	FORK SUB Pulo TL 316 700C V-br. one size
206828	FORK SUB Pulo TL 316 26" V-br. one size
206829	FORK SUB Aprebic 657 26" disc one size
206830	FORK SUB Aprebic 657 700C disc one size
206918	RIM ALEX SUB 26"32H disc black
206919	RIM ALEX SUB 700C 32H disc black
206920	RIM ALEX SUB 26"32H cnc black
206921	RIM ALEX SUB 700C 32H cnc black



ADDICT, FEATURES, MEASUREMENTS

12

GEOMETRY/TECHNICAL DATA ADDICT

The Scott Addict is the state of the art in frame building.

By using the Scott HMX carbon fibre in combination with the Scott patented IMP technology we are able to produce a full race ready road bike frame at 790 gr.

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS/49	71°	105	520	74.5°	490	405	-67
S/52	72°	120	535	74°	520	405	-67
M/54	73°	140	550	73.3°	540	405	-67
L/56	73°	160	565	73.3°	560	405	-67
XL/58	73.3°	180	580	73°	580	405	-67
XXL/61	73.3°	200	595	72.5°	610	405	-67

Headset	1 1/8" semi integr. with 44 mm cups
BB housing	68 mm for threaded BB type
Seatpost diameter	31.6 mm
Front derailleur	Braze on, downroute

IMP TECHNOLOGY

Our engineers have developed IMP™ (Integrated Carbon Molding Process), the latest technology applied to carbon production. The toptube, headtube and downtube are produced in one single step.

With this technology we can avoid any wrinkles in fibers and can avoid at the same time the overlap of different fibers.

This Scott specific process allows a lighter construction by removing 11% of the material from the headtube intersection while increasing strength by utilizing high modulus stressed fibers for more precise fiber placement in critical areas. To compliment the IMP™ process, our frames benefit from our Naked External Tubeset™ which eliminates the cosmetic carbon layer to shave precious grams.

On the new Addict frames we combine the benefits of the new IMP technology with the advantages of the CR1 technology which is still a very lightweight and reliable technique.



HMX FIBRES

HMX fibers are an evolutionary step from our HMF fibres that increases stiffness by 20% at same weight. In addition this is accompanied by the latest technology in lay-up which allows us to set a new benchmark in weight and performance on bike frames.

All frames of Addict are made from the same fibres, so there is no difference between the frames except artwork and BB/seatpost systems.

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.



FRAME ADDICT LIMITED R1



FRAME ADDICT SL

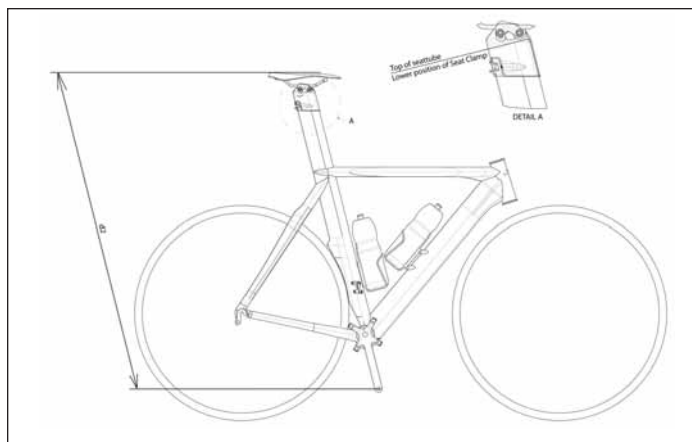
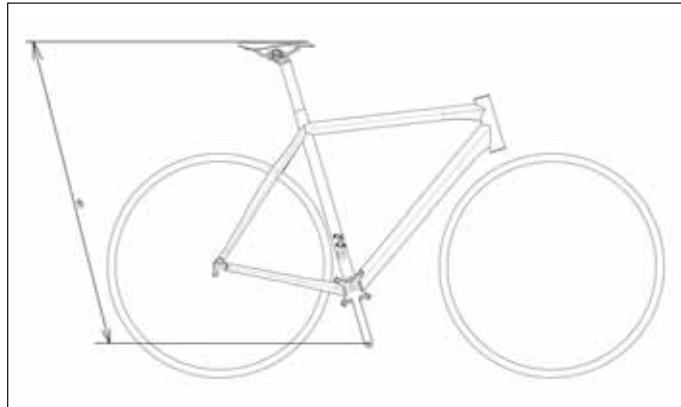
In case your bike is equipped with an integrated seatpost pls follow the instructions below to cut the seattube to your personal length.

The seatpost of the Scott Addict needs to be cut and adjusted to the personal seat height of the rider. The tool to do so is added to your Addict and will help to cut properly without any risk of damaging your seat tube.

The instruction will show you to cut down the seattube as less as possible.

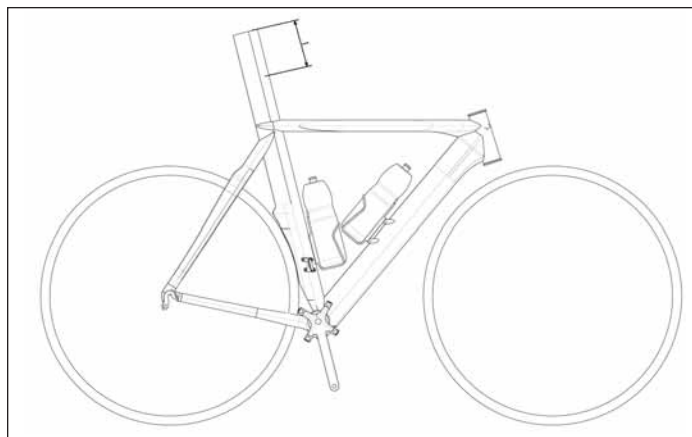
To do so, pls follow the instructions given below:

1. Take the exact measure of the distance (d1) 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.

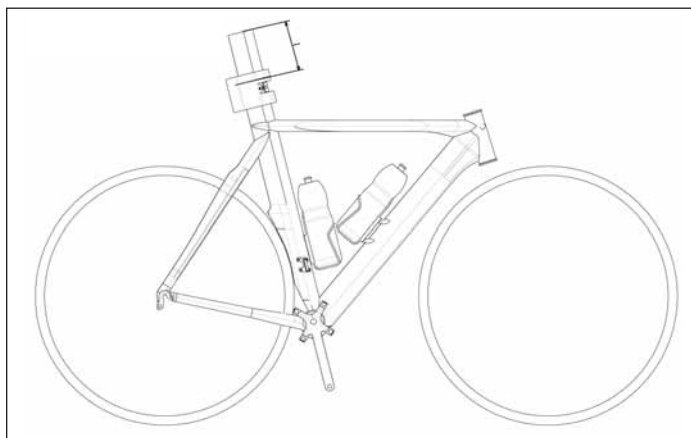
**IMPORTANT**

Pls note that the change to another saddle or pedal model might influence a lot the length of the seat tube!

Mount your pedals and saddle on the Addict bike. Fix the saddle with the M5 screws (4mm Allen key) by using a tightening torque of 5Nm (44 in-lbs). Your Addict seat clamp allows you to vary the seat height for fine adjustment of 10mm. For the cutting, position your seat clamp as low as possible and measure the distance (d2) from the mid of the pedal axle to the upper side of the saddle. Remove the seat clamp and measure the distance (l) from the top of the seat tube: $l = d2 - d1$ dwg showing different measurements with letters



2. Indicate the length (l) you want to cut on the seat tube with a marker pen.
3. Slide the Addict Cutting Tool on the seat tube of Addict until the line of the marker is visible in the slot on the tool that will guide your saw blade



4. Fix the two 5 mm bolts with a 4 mm Allen key with a tightening torque of 6 Nm (53 in-lbs).
5. 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



6. Cut the tube, remove the tool and take sandpaper to smoothen the edges of the cutting area.
7. Remount the seat clamp in its max. downward adjustment position, fix the M5 screw of the seat clamp (4 mm Allen key) with a tightening torque of 5Nm (44 in-lbs).

In general 2 clamps are available:

206937	SEATCLAMP ADDICT STD one size
206938	SEATCLAMP ADDICT LONG one size

The long seatclamp will help those customer who cut the seattube too much or those who want to sell the bike to a person with longer legs.

Adjustability of the standard clamp is 10 mm.

Adjustability of the long clamp is 40 mm.

In case you want to order an additional cutting tool for your workshop you can order it with:

206940	CUTTING TOOL SEATTUBE ADDICT 349
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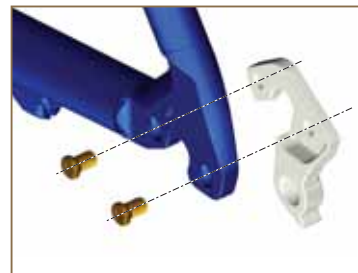
REPLACEABLE DROPOUT

Attached to the full carbon drop outs of our Addict frames you'll find a replaceable rear derailleur hanger made from alloy.



In case the replaceable hanger is damaged by a crash or accident you can order the replacement part with Scott article number:

206472	DROPOUT ADDICT
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HEADSET SYSTEM

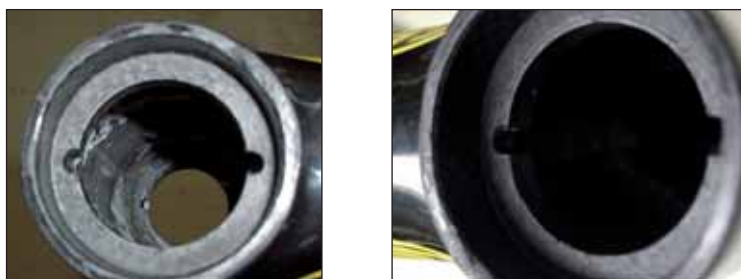
On Addict we use the already well-known semi-integrated headset system. Assembly of cups can be done normal way with standard headset tools.

For removing the cups from the frame please note that you can not use a standard head cup remover tool as this might damage the frame seriously or even destroy it!



Inside the headtube are on both ends carbon inserts that might be damaged by the head cup remover tool.

In case you want to remove the cups pls use a chuck and tap the cups from the inner side (backside) of the frame to remove them. The carbon inserts inside the frame therefore have 2 slots to enable a good positioning of the chuck on the cups.

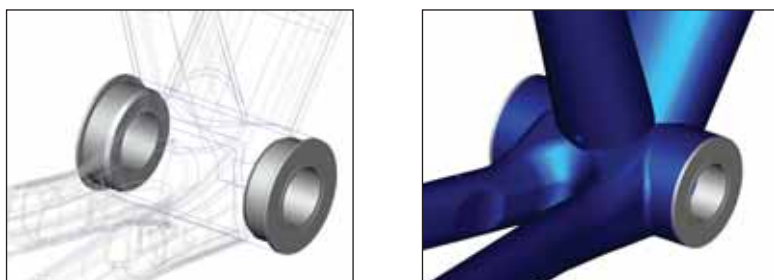


INTEGRATED BB SYSTEM IN COOPERATION WITH SHIMANO

In cooperation with Shimano we offer an exclusive BB system for Addict frames.

By using the Shimano "PressFit" BB (SMI-FC-7800) with a complete weight of 58 grams, 40 grams can be shaved off in comparison to the regular Dura Ace BB (SM-FC-7800).

In addition the frame can be lighter as we do not need any alloy parts anymore in the BB area, so the frame is completely alloy-free except the replaceable RD-hanger.



To assemble the BB cups of SMI-FC-7800 you can use a normal headset tool.

Please make sure not to press the cups into the frame by touching the inner part of the bearings.

In addition we strongly recommend the use of Scott Carbon grease for assembly between cups and frame surface.

IMPORTANT

Please note that the frame with integrated BB can only be combined with Shimano cranks with double chainring, but not with triple chainring version!

IMPORTANT

The framsets of Addict made specific for this type of BB also contain the 2 cups and bearings.

In case those bearings are needed for replacement, pls contact Scott as your national Shimano distributor will not get hold of this part.

208364	SHIMANO int. BB ISMFC7800P
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**SPECIAL PARTS**

Please note that Addict needs some very important spare parts that can not be replaced by other parts because of their dimensions and/or shape:

Special parts

208358	SEATCLAMP ADDICT 34.9 mm
208363	FD-FIX. BOLT+ADAPTER ADDICT
208360	ANTICHAINSUCKPLATE ADDICT
208361	ANTICHAINSUCKCLAMP ADDICT



RANSOM

13

GEOMETRY/TECHNICAL DATA RANSOM 30/40 (ALLOY)

On Ransom 07 we made some changes in comparison to 2006 models.

The geometry of the Ransom alloy models was adapted to the more bike park oriented riding style.

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	67°	110	560	73.5°	440	430	+ 16
M	67°	110	585	73.5°	460	430	+ 16
L	67°	120	610	73.5°	480	430	+ 16
XL	67°	130	635	73.5°	510	430	+ 16

GEOMETRY/TECHNICAL DATA RANSOM LTD/10/20

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	68°	110	560	73.5°	440	430	+ 16
M	68°	110	585	73.5°	460	430	+ 16
L	68°	120	610	73.5°	480	430	+ 16
XL	68°	130	635	73.5°	510	430	+ 16

Travel	165/100/0 mm
Suspension Ratio	3.30
Shock (Eye to Eye)	190 mm
Hardware Mainframe	18 mm x 6 mm,
Hardware Link	22.2 mm x 6 mm,
Seatpost diameter	34.9 mm
Headset	1 1/8" semi integr. with 44 mm cups
Fork travel	145 mm – 160 mm
Fork length	540 mm
BB housing	73 mm
Front derailleur	Topswing 31.8 mm downpull
Chainguard	ISCG Standard
Bearings	4 x 61900 (22x10xT6), 4 x 63800 (19x10xT7), 2 x 605 (14x5xT5)



On the alloy frames of Ransom 30 and 40 we made a re-inforcement on the BB/pivot point section of the frame. All replacement frames in our warehouse are already by the technical standard of 2007 but with 2006 artwork and colors.

In addition we kindly ask you to check again if you supplied to all customers of first production 2006 Ransom 30/40 (alloy) models the new shock mount plates we supplied to you in mid of 2006 season for upgrading those bikes.

Please find below the info letter that is attached to those plates:

205967	SET SHOCK FIXATION PLATES RANSOM no size
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RANSOM SHOCKPLATES > PLEASE SEE NEXT PAGE

In addition we have a 3rd version of replaceable drop outs for Ransom/Voltage and Nitrous.

Inline you will find it on the Ransom LTD MY 07. All other bikes of the Ransom line can be upgraded with this system afterwards from shops/customers as we use our IDS standard for the frame fixation of the drop outs.

This drop out was made for the MAXLE-system of RockShox/SRAM and is available with following parts:

206819	DROP OUT RIGHT FOR MAXLE one size
206796	DROP OUT IDS MAXLE SET

The MAXLE-axle itself can be ordered from your national RockShox/SRAM distributor.



RANSOM

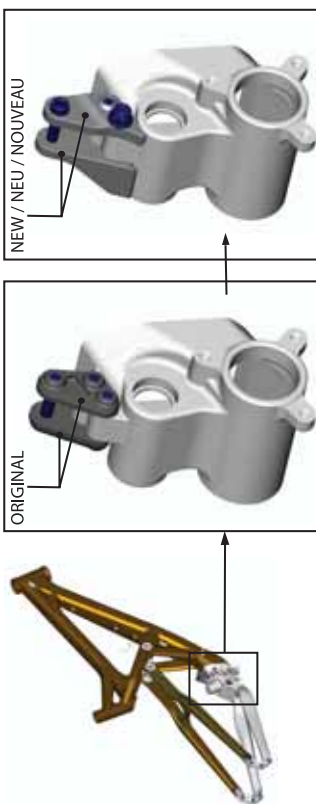
NEW SHOCKPLATES : MOUNTING INSTRUCTIONS NEUE DÄMPFERBEFESTIGUNGSPLATTEN : MONTAGEANLEITUNG NOUVELLE PATE D'AMORTISSEUR : INSTRUCTIONS DE MONTAGE

ENGLISH / New Shockplates:

In order to provide perfect and long-lasting performance of the Ransom alloy bike with its more freeride oriented purpose we recommend replacing the original shock mounting plates by the ones attached to this letter.

Therefore please follow the steps shown below:

1. remove the shock fixation bolt with a 5mm allen key.
2. remove the 2 screws fixing the mounting plates with a 5mm allen key.
3. assemble the new shock mounting plates as shown on the pictures.
4. please make sure to use only the screws attached to this set.
5. tighten the 2 screws of the mounting plates with 5Nm/44in-lbs (see picture below).
6. put the shock eyelet/bushings between the plates and fix the shock bolt with 5Nm/44in-lbs.



DEUTSCH / Neue Dämpferbefestigungsplatten:

Um eine noch bessere Leistung der Ransom Aluminiummodelle bei ihrem noch stärker freeride-orientiertem Einsatz zu bieten, empfehlen wir den Austausch der original verbaute Dämpferbefestigungsplatten gegen die dieser Anleitung beiliegenden. Gehen Sie hierzu bitte, wie folgend, beschrieben vor:

1. entfernen Sie den Dämpferbolzen mit einem 5mm Inbusschlüssel.
2. entfernen Sie die 2 Schrauben, die die Dämpferbefestigungsplatten am Rahmen fixieren, mit einem 5mm Inbusschlüssel.
3. montieren Sie die neuen Dämpferbefestigungsplatten, wie auf den Bildern gezeigt.
4. bitte verwenden Sie ausschließlich die, diesem Set beiliegenden, Schrauben.
5. ziehen Sie die 2 Schrauben der Dämpferbefestigungsplatten mit 5Nm/44in-lbs an (siehe Bild).
6. schieben Sie das Dämpferauge zwischen die Dämpferbefestigungs-platten und ziehen Sie den Dämpferbolzen mit 5nm/44in-lbs an.

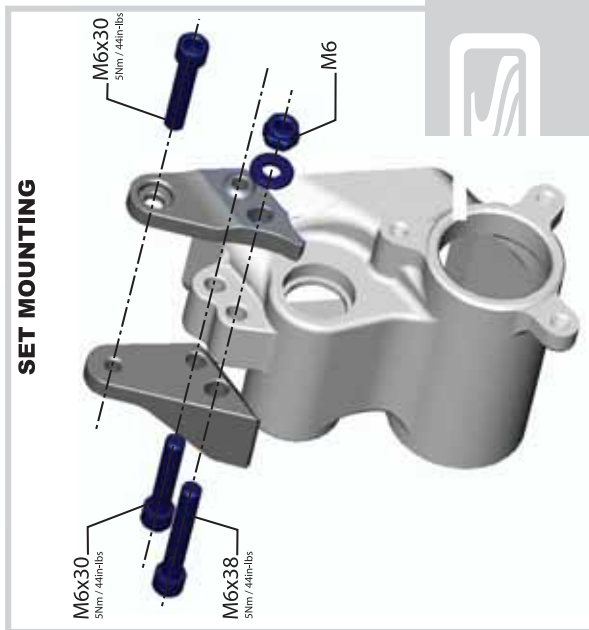
FRANCAIS / Nouvelles plaques de fixation pour amortisseur:

Afin d'assurer de meilleures performances aux modèles Ransom Aluminium dans leur orientation freeride, nous recommandons de remplacer les plaques de fixation de l'amortisseur d'origine par les nouvelles plaques fournies avec cette notice.

Pour effectuer le remplacement, veuillez suivre les instructions ci-dessous:

1. Dévissez la vis de fixation de l'amortisseur avec une clé Allen 5mm.
2. Dévissez les 2 vis fixant les plaques sur le cadre avec une clé Allen 5mm.
3. Montez les nouvelles plaques de fixation d'amortisseur comme indiqué sur le dessin ci-contre.
4. Pour fixer les nouvelles plaques, assurez vous de n'utiliser que les vis fournies avec ce set de remplacement.
5. Vissez les 2 vis de fixation des plaques avec le cadre à 5Nm/44in-lbs (voir dessin ci-contre).
6. Présentez l'axe/les douilles de l'amortisseur entre les plaques et visser la vis de fixation de l'amortisseur à 5Nm/44in-lbs.

SET MOUNTING



On Ransom LTD you also can find the new adjustable seatpost Maverick Speedball produced and sold by Maverick and its distribution network.

In case you want to use this seatpost also for an upgrade of Ransom 10-40 of MY 07 or Ransom models of MY 06, please note that it is **obligatory to use the Scott produced** shim to make this seatpost with a diameter of 31.6 mm match with the 34.9 mm diameter of the Ransom seattube.

206939	SEATPOST SHIM f. Maverick Speedball one size
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Special parts

206953	SEATSTAY PROTECTOR RANSOM one size
204875	REMOTE CONTROL LEVER EQUALIZER no size
204876	MUD GUARD EQUALIZER no size
204877	SHOCK MOUNT/BUSHING SET EQUALIZER no size
203648	TOOL- SWINGARM RANSOM one size
203932	CABLE FIXING SET REFL.FX/RANSOM black
202781	12mm AXLE 135mm swing.width one size
202780	RIGHT DROPOUT IDS 12mm thr.axle one size
202779	RIGHT DROPOUT IDS std axle one size
1518364010000	SEATCLAMP 38.4mm w/Quick Release JD-MC
1518364020000	SEATCLAMP 38.4mm w/bolt JD-RC
1518364030000	SEATCLAMP 38.4mm w/titan.bolt JD

CYCLOCROSS 07

14

GEOMETRY/TECHNICAL DATA CYCLOCROSS

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	70°	100	520	74°	540	422	- 60
M	70.5°	120	530	73.5°	560	422	- 60
L	71°	140	545	73°	580	422	- 60
XL	71°	160	560	73°	600	422	- 60

Special parts

206818	BRAKELEVER SET CYCLECROSS one size
206848	FORK CYCLECROSS 07 one size
208362	ANTICHAINSUCKCLAMP 34.9



CONTESSA > RACE / FX
/ SPORT / SPEEDSTER

15

GEOMETRY/TECHNICAL DATA CONTESSA PLASMA

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS/49	71°	100	505	76°	660	395	-67
S/52	71.5°	110	520	76°	700	395	-67
M/54	72°	120	535	76°	740	395	-67
L/56	72.5°	140	552	76°	780	395	-67

Headset 1 1/8" semi integr. With 44 mm cups
 BB housing 68 mm
 Front derailleur Braze on, downroute

Special parts

206839	FORK CR1 CONTESSA RACE 07 one size
202777	CUTTING TOOL PLASMA one size
202776	SEATCL.PLASMA Rep. 50mm one size
202652	SEATCL.PLASMA Alloy+/-15mm one size
206946	BAR PROFILE T2 Cobra one size
206947	BAR PROFILE T2 one size
206948	BAR PROFILE Cobra Wing 420mm
206949	BAR PAD KIT PROFILE one size
200750	STEM PROFILE LAVA OS black 100
200750	STEM PROFILE LAVA OS black 80
200750	STEM PROFILE LAVA OS black 90
200614	BRKLEVER Set Profile QS2 black one size



GEOMETRY/TECHNICAL DATA CONTESSA CR1

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XXS/47	70.5°	105	505	75°	470	405	-67
XS/49	71,0°	110	515	75°	490	405	-67
S/52	72.5°	130	530	74,5°	520	405	-67
M/54	73.°	150	545	74.°	540	405	-67
L/56	73.°	170	560	73.5°	560	405	-67

Headset 1 1/8" semi integr. With 44 mm cups
 BB housing 68 mm
 Seatpost diameter 31.6 mm
 Front derailleur Braze on, downroute

Special parts

206839	FORK CR1 CONTESSA RACE 07 one size
1518364040000	SEATCLAMP 34.4mm w/bolt f/Cr1&scandium
1558605100000	CHAINSUCK PROTECTOR CR1 road
208362	ANTICHAINSUCKCLAMP 34.9



GEOMETRY/TECHNICAL DATA CONTESSA SPARK

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69.5	110	555	73.5	400	422	-10
M	69.8	120	585	73.5	450	422	-10
L	70	140	610	73.5	490	422	-10

Travel	110/70/0 mm
Suspension Ratio	2.97
Piston stroke	37 mm
Shock length (Eye to Eye)	165 mm
Hardware Mainframe	22.2 mm x 6 mm
Hardware Swingarm	22.2 mm x 6 mm
Seatpost diameter	34,9 mm, some models with integrated seatpost
Headset	1 1/8" semi integr. with 44 mm cups
Fork travel	100 mm
Fork length	471 mm
BB housing	73 mm
Front derailleur	Downswing 34.9 mm Downpull
Bearings	2 x 61900 (22x10xT6), 6 x 63800 (19x10xT7)

Special parts

206951	CABLE FIXING SET SPARK one size
206473	DROPOUT SPARK 2-PAK
206952	SEATSTAY PROTECTOR SPARK one size
206954	ANTICHAINSUCK DEVICE SPARK one size
208359	SEATCLAMP W QR SPARK 38.25
206941	TOOL- SWINGARM SPARK one size
206950	SWINGARM-REP. SET SPARK one size
206908	LINKAGE BAR SET SPARK 07 L
206908	LINKAGE BAR SET SPARK 07 M
206908	LINKAGE BAR SET SPARK 07 S



TECHNICAL DATA/GEOMETRY CONTESSA SCALE

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	70.5°	105	555	73.5°	390	420	-30
M	71°	115	580	73.5°	440	420	-30
L	71°	130	600	73°	480	420	-30

Headset	1 1/8" semi integr. with 44 mm cups
Seatpost diameter carbon frame	34.9 mm
Seatpost diameter alloy frame	31.6 mm
BB housing	73 mm carbon/ 68 mm alloy
Front derailleur carbon frame	E-type, top route
Front derailleur alloy frame	34.9 mm clamp, dual pull
Fork travel	100 mm
Fork length	470 mm

Special parts

202863	REPLACEABLE DROPOUT Scale 07 one size
206375	DROPOUT+SCREW ALL MTB SINCE'97 5-PK one size
203931	CABLE FIXING SET GENIUS/SCALE black
1518364010000	SEATCLAMP 38.4mm w/Quick Release JD-MC
1518364020000	SEATCLAMP 38.4mm w/bolt JD-RC
1518364030000	SEATCLAMP 38.4mm w/titan.bolt JD
1558605110000	CHAINSUCK PROTECTOR Scale carbon



GEOMETRY/TECHNICAL DATA CONTESSA FX

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	113	530	74°	430	428	4
M	69.5°	133	550	73.7°	460	428	4
L	69.5°	148	570	73.3°	480	428	4

Travel	0/75/110 mm(FX25)/125(FX15)
Shock (Eye to Eye)	220 mm
Hardware Mainframe	15.1.817.403.0.000
Hardware Swingarm	15.1.817.403.0.000
Seatpost diameter	31.6 mm
Headset	1,1/8" semi-integr. 44 mm cups
Fork travel	100
BB housing	73 mm
Front derailleur	Topswing E-Type Downpull

Special parts

1558605030000	SWINGARM-REP.Set GENIUS Carb.MC04/05
206375	DROPOUT+SCREW ALL MTB SINCE'97 5-PK one size



GEOMETRY/TECHNICAL DATA CONTESSA SPORT

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	69°	100	540	74°	330	430	-32
S	69.5°	110	545	73.5°	370	430	-32
M	70°	120	555	73°	410	430	-32
L	70°	135	565	73°	460	430	-32

Headset 1 1/8" semi-integrated ahd, 44 mm cups, 1 1/8 std ahd

BB housing 68 mm

Seatpost diameter 26.8 mm

Special parts

206375	222	DROPOUT+SCREW ALL MTB SINCE'97 5-PK one size	2006
206934	222	SADDLE CONTESSA MTB one size	2007



GEOMETRY/TECHNICAL DATA CONTESSA SPEEDSTER

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XXS/47	70.5°	105	505	75°	470	405	-67
XS/49	71°	110	515	75°	490	405	-67
S/52	72.5°	130	530	74.5°	520	405	-67
M/54	73°	150	545	74°	540	405	-67
L/56	73°	170	560	73.5°	560	405	-67

Headset 1 1/8" semi integr. with 44 mm cups
 BB housing 68 mm
 Seatpost diameter 31.6 mm
 Front derailleur Braze on, downroute

Special parts

206840	FORK CR1 CONTESSA SPEED. 07 one size
206841	FORK CR1 CONTESSA 07 one size
206376	DROPOUT+SCREW AFD 98->02 2-PAK one size



GENIUS MC 07

16

GEOMETRY/TECHNICAL DATA GENIUS MC

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	113	555	74°	430	428	0
M	69.2°	133	572	73.7°	460	428	0
L	69.4°	148	594	73.3°	500	428	0
XL	69.6°	163	616	73°	540	428	0

Travel	0/75/130 mm
Shock (Eye to Eye)	220 mm
Hardware Mainframe	15.1.817.403.0.000
Hardware Swingarm carbon	15.5.817.501.0.000
Hardware Swingarm alloy	15.1.817.403.0.000
Seatpost diameter	34.9 mm
Headset	1,1/8"
Fork travel	90 mm / 135 mm
BB housing	73 mm
Front derailleur	Topswing E-Type Downpull

Special parts

1518364010000	SEATCLAMP 38.4mm w/Quick Release JD-MC
1518364020000	SEATCLAMP 38.4mm w/bolt JD-RC
1518364030000	SEATCLAMP 38.4mm w/titan.bolt JD
1558605030000	SWINGARM-REP.Set GENIUS Carb.MC04/05



VOLTAGE 07

17

GEOMETRY/TECHNICAL DATA VOLTAGE YZ1, YZ15, YZ25

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	68.5°	100	540	74°	335	430	-32
S	69°	110	550	73.5°	375	430	-32
M	69°	120	560	73°	415	430	-32
L	69.5°	135	570	73°	465	430	-32
XL	69.5°	150	585	73°	515	430	-32

Headset 1 1/8" standard ahd

BB housing 68 mm

Seatpost diameter 26.8 mm

GEOMETRY/TECHNICAL DATA VOLTAGE YZ2, YZ3, YZ35

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS	68.5°	100	540	74°	330	430	-32
S	69°	110	550	73.5°	370	430	-32
M	69°	120	560	73°	410	430	-32
L	69.5°	135	570	73°	460	430	-32
XL	69.5°	150	585	73°	510	430	-32

Headset 1 1/8" standard ahd

BB housing 68mm

Seatpost diameter 26.8mm



GEOMETRY/TECHNICAL DATA VOLTAGE YZ0

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	69°	110	550	73.5°	370	420	-25
M	69°	120	560	73°	410	420	-25

Headset 1 1/8" standard ahd
 BB housing 68mm
 Seatpost diameter 26.8mm

GEOMETRY/TECHNICAL DATA VOLTAGE YZ0.5 AND YZ LTD

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	68.5°	115	570	71°	350	420	-15
L	68.5°	125	595	71°	380	420	-15

Headset 1 1/8" standard ahd
 BB housing 68mm
 Chainguard ISCG Standard
 Seatpost diameter 26.8mm

Special parts

202781	12mm AXLE 135mm swing.width one size
202780	RIGHT DROPOUT IDS 12mm thr.axle one size
202779	RIGHT DROPOUT IDS std axle one size
200735	RIM SUN MTX 32H 26" black one size
200724	HUB SUN RIGLE LAWWILL one size
206821	FORK Suntour XCM H-LO 100mm black
206821	FORK Suntour XCM H-LO 100mm white
206823	FORK RST Capa C7 75mm black
206819	DROP OUT RIGHT FOR MAXLE one size
206916	RIM ALEX DM-18 32H black
206944	BAR PILOT FR 1.5 Pro D.B. white 700mm



NITROUS 07

18

GEOMETRY/TECHNICAL DATA NITROUS

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S	67°	110	560	73.5°	450	432	+ 25
M	67°	115	585	73.5°	470	432	+ 25
L	67°	120	610	73.5°	490	432	+ 25

Travel	195 mm
Shock (Eye to Eye)	200 mm
Hardware Mainframe	22.2 mm x 6 mm, screw length 40 mm
Hardware Swingarm	22.2 mm x 6 mm, screw length 36 mm
Seatpost diameter	34.9 mm
Headset	1. 5"
Fork travel	200 mm / 170 mm
Fork length	575 mm
BB housing	73 mm
Front derailleur	Topswing 31.8 mm Toppull
Chainguard	ISCG Standard
Bearings	61803 2RS 17x26x5 4 St.

Special parts

202781	12mm AXLE 135mm swing.width one size
202780	RIGHT DROPOUT IDS 12mm thr.axle one size
200721	HDS Reducer caps one size
203932	CABLE FIXING SET REFL.FX/RANSOM black
206912	BLACKSPIRE STINGER/ISCG one size
206862	FR. TRIANGLE NITROUS 10 07 L
206862	FR. TRIANGLE NITROUS 10 07 M
206862	FR. TRIANGLE NITROUS 10 07 S
206863	SWINGARM NITROUS 07 one size
1558235010000	HUB REP KIT KT DH 20



HIGH OCTANE 07

19

GEOMETRY/TECHNICAL DATA HIGH OCTANE

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
S/M	65-68°	116	555	67-73°	475	437	+ 40
L/XL	67°.	116	580	67-73°	475	437	+ 40

Travel	180-240 mm
Shock (Eye to Eye)	222 mm
Hardware Mainframe	22. 2 mm x 6 mm
Hardware Swingarm	22.2 mm x 6 mm
Seatpost diameter	31.6 mm
Headset	1 1/8" or 1,5" (insert)
Fork travel	200 mm
Fork length	579 mm
BB housing	73 mm
Front derailleur	nil
Chainguard	ISCG Standard
Bearings	61803 2RS 17x26x5 4 St.

Special parts

206859	FR.TRIANGLE H.OCTANE 07 L/XL
206859	FR.TRIANGLE H.OCTANE 07 S/M
206860	SEAT TOWER H.OCTANE 07 one size
206861	SWINGARM H.OCTANE 07 one size
206917	RIM ALEX Supra 34 DH 32H black
1518602080000	SWINGARM-Hardware Kit red High Octane
1518603540000	SHOCK PLATE SET HI-OCTANE 8MM
200720	HDS SYNCROS FR-DH RACE one size
200723	NUTS+AXLE 12mm t/axle H0 one size
202780	RIGHT DROPOUT IDS 12mm thr.axle one size
200725	E13 SRS incl. SUPERCHARG.chain guide set one size
200726	CRANKSET RF Diabolus black one size
206944	BAR PILOT FR 1.5 Pro D.B. white 700mm



CR1 07

20

GEOMETRY/TECHNICAL DATA CR1

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB OS
XS/49	71,0°	110	515	75°	490	405	-67
S/52	72.5°	130	530	74,5°	520	405	-67
M/54	73.°	150	545	74.°	540	405	-67
L/56	73.°	170	560	73.5°	560	405	-67
XL/58	73.3°	190	575	73.3	580	405	-67
XXL/61	73.3°	210	595	73.3	610	405	-67

Headset 1 1/8" semi integr. With 44 mm cups
 BB housing 68 mm
 Seatpost diameter 31.6 mm
 Front derailleur Braze on, downroute

Special parts

206836	FORK CR1 TEAM 07 one size
206837	FORK CR1 PRO 07 one size
206838	FORK CR1 SL 07 one size
1518364040000	SEATCLAMP 34.4mm w/bolt f/Cr1&scandium
1558605100000	CHAINSUCK PROTECTOR CR1 road
208362	ANTICHAINSUCKCLAMP 34.9



SPEEDSTER 07

21

GEOMETRY/TECHNICAL DATA SPEEDSTER

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB 0
XS/49	71°	110	515	75°	490	405	-67
S/52	72.5°	130	530	74.5°	520	405	-67
M/54	73°	150	545	74°	540	405	-67
L/56	73°	170	560	73.5°	560	405	-67
XL/58	73.3°	190	575	73.3°	580	405	-67
XXL/61	73.3°	210	595	73.3	610	405	-67

Headset	1 1/8" semi integr. With 44 mm cups
BB housing	68 mm
Seatpost diameter	31.6 mm
Front derailleur	Braze on, downroute

Special parts

206815	BRK SCT PRO SCBR 530 Rr.CARTR.PAD one size
206816	BRK SCT PRO SCBR 530 Fr.CARTR.PAD one size
206835	FORK CR1 TEAM f/Speedst. 07 one size
206922	RIM JALCO GX 460 700C 28H black
206923	RIM JALCO GX 460 700C 32H black
206376	DROPOUT+SCREW AFD 98->02 2-PAK one size
208362	ANTICHAINSUCKCLAMP 34.9
206376	DROPOUT+SCREW AFD 98->02 2-PAK one size



PLASMA 07

22

GEOMETRY/TECHNICAL DATA PLASMA

Size	Headangle	HT Length	TT Horizon	Seatangle	Top ST	CST Length	BB 0
XS/49	71°	100	505	76°	660	395	-67
S/52	71.5°	110	520	76°	700	395	-67
M/54	72°	120	535	76°	740	395	-67
L/56	72.5°	140	552	76°	780	395	-67
XL/58	72.5°	175	572	76°	820	395	-67

Headset 1 1/8" semi integr. With 44 mm cups
 BB housing 68 mm
 Front derailleur Braze on, downroute

Special parts

206614	BRKLEVER Set Profile QS2 black one size
206817	BRAKELEVER SET PROFILE QSC one size
206845	FORK PLASMA LTD 07 one size
206846	FORK PLASMA PRO 07 one size
206847	FORK PLASMA TEAM 07 one size
206946	BAR PROFILE T2 Cobra one size
206947	BAR PROFILE T2 one size
206948	BAR PROFILE Cobra Wing 420mm
206949	BAR PAD KIT PROFILE one size
202777	CUTTING TOOL PLASMA one size
202776	SEATCL.PLASMA Rep. 50mm one size
202652	SEATCL.PLASMA Alloy+/-15mm one size
200750	STEM PROFILE LAVA OS black 100
200750	STEM PROFILE LAVA OS black 80
200750	STEM PROFILE LAVA OS black 90



MECHANIC'S TIPS

23

SCOTT CARBON GREASE

The Scott Carbon Grease was developed to increase friction between carbon – carbon and carbon – alloy connections. By this the tightening torque for the clamps can be reduced and corrosion can be avoided. The grease itself is solvent free.

Please note that this kind of grease must be never used for re-greasing of bearings!



24" KIDS BIKES HARD SPRING KIT

For 2007 we tried to adapt the spring rate of the kids bikes to the low weights of kids, but some customers might demand harder sprongs to cover also the range of heavier kids.

Therefore we offer a harder spring kit with

208352	SPRING RST f/24" BIKES 07
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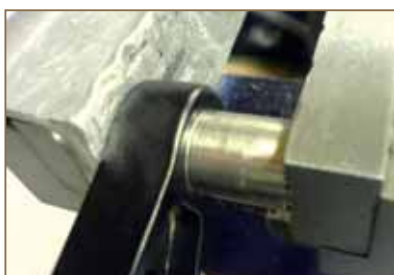


IMPORTANT AND HELPFUL SMALL PARTS FOR GENIUS/RANSOM



1	1558175030950	BUSHING INSERT GENIUS SHOCK 1271-DU0600-001 part 2 PAK50
2	1558175610950	BUSHING INSERT GENIUS SHOCK 1271-DU06B0-001 part 60 PAK50
3	204855	NEGATIVE VALVE PAK10 no size
4	204845	BUSHING INSERT OTS/EQUALIZER SHOCK 1271-DU1000-001 part 75 PAK50
5	1518174020000	SHOCK MOUNT/BUSHING Set Genius RC/Cont.
6	1518204550000	SWINGARM-LINK.BARS L+R GENIUS MC black
7	1518204560000	SWINGARM-LINK.BARS L+R GENIUS RC/CONTESS

To disassemble and assemble the bushing insert please follow as shown on pictures shown below:



NEW REMOTE CONTROL LEVER ON GENIUS MC BIKES

In 2007 we'll have a running change in production from the well-known Genius TC remote lever to a new, more ergonomically version.

To adjust the cable tension to the new lever please note that the cable between Lockout and Traction Mode lever needs some loose play.

Please follow the instructions shown below:



REPLACABLE DROP OUTS

24

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





1518156070000 MY 1996 Vertigo LSD, Vertigo LSD Pro



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



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



1518157010000 MY 1997 Waimea, Kailua, same as 206376



1518157020000 MY 1997 all AFD



1518157040000 MY 1997 Expert Racing, Comp Racing, Vantage 3.0



1518150010000 MY 2000 Sonoma, Outdoor



1518151000000 MY 1999-2001 Octane DH



200520/202779 MY 2006-2007 Ransom, Nitrous, Voltage YZ- 0.5



200521/202780 MY 2006-2007 High Octane, Voltage YZ- LTD



202863 MY 2007 Scale Carbon



206375 MY 1997-2007 standard MTB dropout



206376 MY 1998-2007 standard alloy road dropout



206472 MY 2007 Addict



206473 MY 2007 Spark



206796/206819 MY 2007 Ransom

GENERAL WARRANTY CLAIMS

25

We have the chart shown below already in our consumer catalogues and will also put this info on the web in the support area. We changed the warranty periods starting from model year 2007.

BIKE WARRANTY PERIODS

	Year 1	Year 2	Year 3	Year 4	Year 5
All Scott Bikes (excl. High Octane)	●	●	●	●	●
High Octane	●	●			
Genius TC/Equalizer TC Shock	●	●			

● *Regular Warranty Period*

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

Beside this, we kindly ask you to use for future claims only the attached forms.

Pls fill in all needed and demanded data, otherwise we will reject the claim, as also our suppliers demand a certain information to accept these claims and to improve the quality to avoid same faults again in production.

WARRANTY CLAIMS OF BIKES OF MODEL YEAR 2002 OR OLDER

Please note that we will not replace frames/bikes older than model year 2003, 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 2003 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.



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
- SR/SunTour
- Rock Shox (SRAM)
- Manitou-Answer
- Fox Racing Shox
- Marzocchi
- Sun Rims
- Hayes
- Race Face
- E-13
- Syncros
- RST

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.





WARRANTY CLAIM FOR SCOTT EQUALIZER SHOCK

For EU-countries

Scott Sports AG
Attn. Harry Schäfer
Rudolf-Diesel-Str.1
D-85221 Dachau
Germany

For non EU-countries

Scott Sports SA
Attn. Patrick Bochud
Route du Crochet 17
CH-1762 Givisiez
Switzerland

Distributor	_____
Bike model	_____
Frame number	_____
Shock number	_____

Dealer	_____

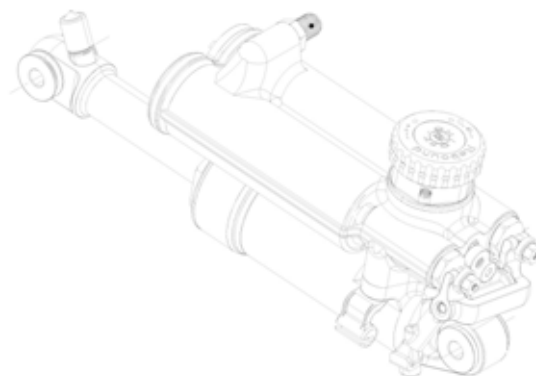
Model year	_____

All the outlined fields must be filled out!

Defective part

- ☐ air valve / air leaking
- ☐ air can seal / air leaking
- ☐ oil seal / oil leaking
- ☐ bushing upper end
- ☐ bushing lower end
- ☐ rebound / rebound-screw
- ☐ lockout / lockout-screw
- ☐ power stabilizer
- ☐ others

Please indicate
in the drawing >



Please be as precise as possible, you will help us to speed up our service and to improve our quality.
If possible please indicate defective area with red scotch tape on the actual shock.

Please note that a non-complete warranty claim will be rejected.

Make sure you send all the following items:

1. the shock
2. this filled out warranty claim
3. a copy of the receipt of purchase (customer receipt) of the bike or of the shock.

In case the receipt can not be shown or the shock was opened by a non-authorized person, Scott is free to reject the warranty claim.





Warranty claim Scott Genius shock

For EU-countries

Scott Sports AG
Attn. Harry Schäfer
Rudolf-Diesel-Str.1
D-85221 Dachau
Germany

For non-EU-countries

Scott Sports SA
Attn. Patrick Bochud
Route du Crochet 17
CH-1762 Givisiez
Switzerland

Distributor	_____
Bike model	_____
Frame number	_____
Shock number	_____

Dealer	_____

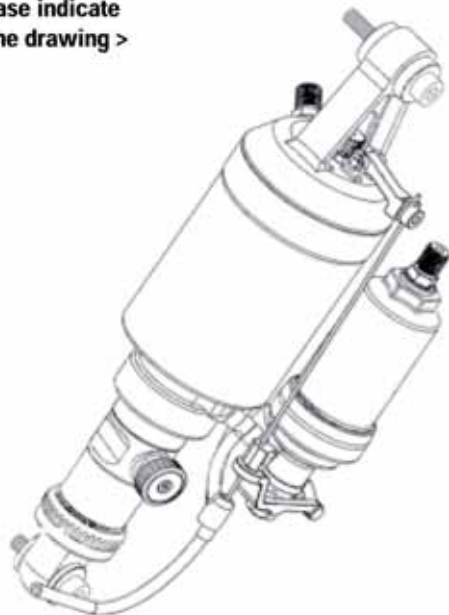
Model year	_____

All the outlined fields must be filled out!

Defective part

- ☐ air valve / air leaking
- ☐ air can seal / air leaking
- ☐ oil seal / oil leaking
- ☐ bushing upper end
- ☐ bushing lower end
- ☐ rebound / rebound-screw
- ☐ lockout / lockout-screw
- ☐ others

Please indicate in the drawing >



Please be as precise as possible, you will help us to speed up our service and to improve our quality.
If possible please indicate defective area with red scotch tape on the actual shock.

Please note that a non-complete warranty claim will be rejected.

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1. the shock
2. this filled out warranty claim
3. a copy of the receipt of purchase (customer receipt) of the bike or of the shock.

In case the receipt can not be shown or the shock was opened by a non-authorized person, Scott is free to reject the warranty claim.



REPLACEMENT PARTS

26

As every year we have on the following pages a list of all articles new for 2007.

Also pls find parts numbers of MY 2006 and MY 2005.

For parts numbers from 2004 and older pls use the specific workshop folder of the different model years or in case you can not find an article in those lists pls feel free to contact

patrick.bochud@scott-sports.com

holger.klinter@scott-sports.com

for further details.



TECHNICAL DATA/GEOMETRIES

27