

***SCOTT***

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BIKE

SCOTT BIG ED / BIG JON  
USER MANUAL

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INNOVATION  
TECHNOLOGY  
DESIGN

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**WWW.SCOTT-SPORTS.COM**

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The Big Ed and Big Jon should be adjusted exactly to the current rider for reaching maximum safety and fun while riding.

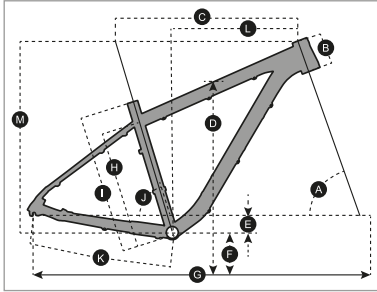
All adjustments should be done at your local SCOTT dealer or following this manual's instructions.

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## GEOMETRY/TECHNICAL DATA BIG ED / BIG JON



|                       |  |
|-----------------------|--|
| Seatpost diameter     | 31.6mm   |
| Seattube clamp        | 34.9mm   |
| Headtube diameter     | 1 1/8" /1.5", tapered, cups semi-integrated, 50-61mm cup OD      |
| Fork travel           | Big Ed: 100mm / Big Jon: rigid                                   |
| Technical fork length | Big Ed: 511mm/20.1" / Big Jon: 468mm/18.4"                       |
| BB housing            | Big Ed: PF BB 121/41mm / Big Jon: BSA 100mm thread               |
| Rear Hub Width        | Big Ed: 197/12 IDS SL / Big Jon: 197/12                          |
| Max tire width        | 115mm/4.5"   |
| Chainring size        | Min. 22T, max.36T, the frame is designed for "double-chainrings" |

### BIG ED

|                                | S          |         | M          |         | L          |         | XL         |         |
|--------------------------------|------------|---------|------------|---------|------------|---------|------------|---------|
| A HEAD TUBE ANGLE              | 69.0°      |         | 69.0°      |         | 69.0°      |         | 69.0°      |         |
| B HEAD TUBE LENGTH             | 105.0 mm   | 4.1 in  | 105.0 mm   | 4.1 in  | 115.0 mm   | 4.5 in  | 125.0 mm   | 4.9 in  |
| C TOP TUBE HORIZONTAL          | 575.0 mm   | 22.6 in | 600.0 mm   | 23.6 in | 625.0 mm   | 24.6 in | 650.0 mm   | 25.6 in |
| D STANDOVER HEIGHT             | 787.0 mm   | 31.0 in | 811.0 mm   | 31.9 in | 835.0 mm   | 32.9 in | 863.0 mm   | 34.0 in |
| E BB OFFSET                    | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  |
| F BB HEIGHT                    | 320.0 mm   | 12.6 in | 320.0 mm   | 12.6 in | 320.0 mm   | 12.6 in | 320.0 mm   | 12.6 in |
| G WHEEL BASE                   | 1,101.0 mm | 43.3 in | 1,126.0 mm | 44.3 in | 1,151.7 mm | 45.3 in | 1,177.4 mm | 46.4 in |
| H BB CENTER TO OPTUBE CENTER   | 320.0 mm   | 12.6 in | 372.0 mm   | 14.6 in | 414.0 mm   | 16.3 in | 465.0 mm   | 18.3 in |
| I BB CENTER TO TOP OF SEATTUBE | 390.0 mm   | 15.4 in | 440.0 mm   | 17.3 in | 480.0 mm   | 18.9 in | 530.0 mm   | 20.9 in |
| J SEAT ANGLE                   | 73.0°      |         | 73.0°      |         | 73.0°      |         | 73.0°      |         |
| K CHAINSTAY                    | 450.0 mm   | 17.7 in | 450.0 mm   | 17.7 in | 450.0 mm   | 17.7 in | 450.0 mm   | 17.7 in |
| L REACH                        | 385.0 mm   | 15.2 in | 410.0 mm   | 16.1 in | 432.0 mm   | 17.0 in | 454.0 mm   | 17.9 in |
| M STACK                        | 619.0 mm   | 24.4 in | 619.0 mm   | 24.4 in | 629.0 mm   | 24.8 in | 638.0 mm   | 25.1 in |
| N STEM LENGTH                  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 70.0 mm    | 2.8 in  | 70.0 mm    | 2.8 in  |

### BIG JON

|                                | S          |         | M          |         | L          |         | XL         |         |
|--------------------------------|------------|---------|------------|---------|------------|---------|------------|---------|
| A HEAD TUBE ANGLE              | 69.0°      |         | 69.0°      |         | 69.0°      |         | 69.0°      |         |
| B HEAD TUBE LENGTH             | 105.0 mm   | 4.1 in  | 105.0 mm   | 4.1 in  | 115.0 mm   | 4.5 in  | 125.0 mm   | 4.9 in  |
| C TOP TUBE HORIZONTAL          | 575.0 mm   | 22.6 in | 600.0 mm   | 23.6 in | 625.0 mm   | 24.6 in | 650.0 mm   | 25.6 in |
| D STANDOVER HEIGHT             | 787.0 mm   | 31.0 in | 811.0 mm   | 31.9 in | 835.0 mm   | 32.9 in | 863.0 mm   | 34.0 in |
| E BB OFFSET                    | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  |
| F BB HEIGHT                    |            |         |            |         |            |         |            |         |
| G WHEEL BASE                   | 1,106.0 mm | 43.5 in | 1,131.0 mm | 44.5 in | 1,157.0 mm | 45.6 in | 1,183.0 mm | 46.6 in |
| H BB CENTER TO OPTUBE CENTER   | 320.0 mm   | 12.6 in | 372.0 mm   | 14.6 in | 414.0 mm   | 16.3 in | 465.0 mm   | 18.3 in |
| I BB CENTER TO TOP OF SEATTUBE | 390.0 mm   | 15.4 in | 440.0 mm   | 17.3 in | 480.0 mm   | 18.9 in | 530.0 mm   | 20.9 in |
| J SEAT ANGLE                   | 73.0°      |         | 73.0°      |         | 73.0°      |         | 73.0°      |         |
| K CHAINSTAY                    | 465.0 mm   | 18.3 in | 465.0 mm   | 18.3 in | 465.0 mm   | 18.3 in | 465.0 mm   | 18.3 in |
| L REACH                        | 385.0 mm   | 15.2 in | 410.0 mm   | 16.1 in | 432.0 mm   | 17.0 in | 454.0 mm   | 17.9 in |
| M STACK                        | 619.0 mm   | 24.4 in | 619.0 mm   | 24.4 in | 629.0 mm   | 24.8 in | 638.0 mm   | 25.1 in |
| N STEM LENGTH                  | 60.0 mm    | 2.4 in  | 60.0 mm    | 2.4 in  | 70.0 mm    | 2.8 in  | 70.0 mm    | 2.8 in  |

## BB STANDARDS/FD MOUNTING DETAILS

Big Ed shows PressFit 121 for 41mm cartridges, Big Jon is BSA 100mm housing width.

The front derailleur (FD) fixation for Big Ed/Big Jon is a direct mount system combined with a specific clamp made for Big Ed/Big Jon.

The clamp can be ordered via the SCOTT distribution with article number 239285.

The front derailleur is available from Shimano or SRAM as "high direct mount"

### IMPORTANT

Please note that the maximum tightening torque on the FD clamp is 5Nm/44in/lbs.

A higher tightening torque might cause damage to the FD camp and/or frame tube!  
Please also refer to the related manuals of the manufacturer of the FD.

## HEADSET OPTIONS

Big Ed/Big Jon 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".

This bigger diameter of the fork steerer as well as on the frame headtube helps to increase the stiffness and handling of the bike.

|  |           |
|--|-----------|
| 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 | PRD 14860 |
|--|-----------|

## SEATTUBE CLAMP

Please make sure to only use a seatclamp with an inner diameter of 34.9mm and please note the maximum tightening torque on the fixing bolt of 5Nm/44 in/lbs

## ▮ REPLACEABLE REAR DERAILLEUR HANGER

Big Ed uses the replaceable rear derailleur hanger system SCOTT IDS SL 197/12 with:

- 242430 Axle RWS Alu thru 197MM / Ø12MM
- 219577 Dropout Hang. right side IDS 2 142/RWS12

Big Jon is using is using the replaceable rear derailleur hanger system with:

- 242545 Axle Alu Thru 197MM / Ø12MM Big Jon
- 242546 Dropout hanger Ø12MM Big Jon

## ▮ REAR DISC BRAKE MOUNT

The rear disc brake on Big Ed/Big Jon 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 Big Ed/Big Jon 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 511mm/20.1" between mid of axle to top of crown, as this will not influence the geometry and alter handling of the bike.

Big Jon requires 468mm/18.4".

## ▮ GUARANTEE ON SCOTT BIKES

### ⚠ WARNING!

**SCOTT Sports SA is not responsible or liable for any injury caused by any missing compliance with these instructions, particularly but not limited to misuse, incorrect maintenance, incorrect set-up and handling, neglect or abuse. Failure to follow these instructions can result in component failure, serious personal injury. Component failure can lead to loss of control of the bicycle and result in serious personal injury.**

### What is Covered?

This warranty covers defects in materials and workmanship at the time of transfer of risks in frames, swingarms and forks (provided it is a fork of SCOTT) on SCOTT branded bikes sold completely assembled by SCOTT or an authorized SCOTT dealer ("Product").

### How long does coverage last?

This voluntary manufacturer's warranty is limited to five years for frames and swingarms, respectively two years for forks, from the date of purchase of the Product and is limited to the first purchaser of the Product and subject to the prior registration of your SCOTT bike on [www.scott-sports.com](http://www.scott-sports.com) within 10 days as of the date of purchase. Transfer of the Product from the first purchaser to another person terminates this limited warranty. The limited warranty of five years for the frames and swingarms shall only be granted in case once a year a maintenance service has been effected according to maintenance requirements as set forth in the manual. The effected annual maintenance service shall be confirmed by stamp and signature. In case such an annual maintenance service has not been effected the warranty of five years for the frame shall be reduced to three years. Costs for maintenance and service have to be borne by the owner of the Product.

On Gambler, Voltage FR and Volt-X the warranty period is limited to two years.

Repaired or replaced Products are covered for the remainder of the original warranty period and subject to the conditions outlined in the original warranty, to the extent permitted by law.

Hereby SCOTT grants a worldwide voluntarily manufacturer's warranty. To the extent permitted by law and unless a shorter duration is stipulated by law, any warranties implied by law are limited in duration to maximum five, respectively two years, from the date of purchase of the Product and are limited to the first purchaser of the Product.

### What will SCOTT do in the event of a guarantee case?

SCOTT will replace the defective product with a product of a quality or nature and similar level, will repair or refund the purchase price (after presentation of the proof of purchase of the product), at its sole discretion. Non-defective components are replaced at your expense. In such a case, we will contact you before replacing the non-defective part for your agreement.

### What does this limited warranty not cover?

This limited warranty does not cover defects which did not exist before the transfer of risks. This limited warranty does not cover Products used in rental operations. This limited warranty does not cover purchases of not completely assembled bikes. This limited warranty does not cover any defect caused by "wear and tear" (a complete list of all parts of "wear and tear" can be found in the general manual that came with your bike), accident, neglect, improper handling, colour fade due to exposure to sunlight, abuse, misuse, an act of God, improper assembly, non-compliance with recommended maintenance and care procedures,

improper or incorrectly performed maintenance or repairs performed by someone other than an authorized SCOTT dealer, use of parts or devices not consistent with the Product, and alteration of the Product.

All Products come with a manual; please carefully follow the instructions located there or affixed elsewhere to the Product. To the extent permitted by law, consequential and incidental damages are not recoverable under this limited warranty.

### How do you make a claim under this limited warranty?

To make a claim under this limited warranty, you must notify SCOTT of the claimed defect within the warranty period and timely return the Product to SCOTT at your expense for inspection. Please contact your authorized SCOTT dealer, call SCOTT's customer service or the national SCOTT distributor (dealer locator: [www.scott-sports.com](http://www.scott-sports.com)). All returned Products must be accompanied by proof of purchase (receipt) from an authorized SCOTT dealer or this limited warranty will not apply. In case of replacement or refund, returned Product becomes the property of SCOTT.

A protocol for the handing over of the Product (which you will find at the end of the manual) will remain in copy at the SCOTT dealer after acceptance and signature of the consumer. It is obligatory to show this protocol of handing over together with the defective part in case of a warranty claim given that it provides evidence of purchase or this limited warranty will not apply.

### How do state laws affect your rights under this limited warranty?

This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

### Recommendation

We strongly recommend that you use only authorized SCOTT dealers for yearly maintenance services and for repairs, as improper or incorrectly performed maintenance or repairs voids this limited warranty. Costs for maintenance service have to be borne by the consumer.

|   | 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 |        |        |        |        |        |