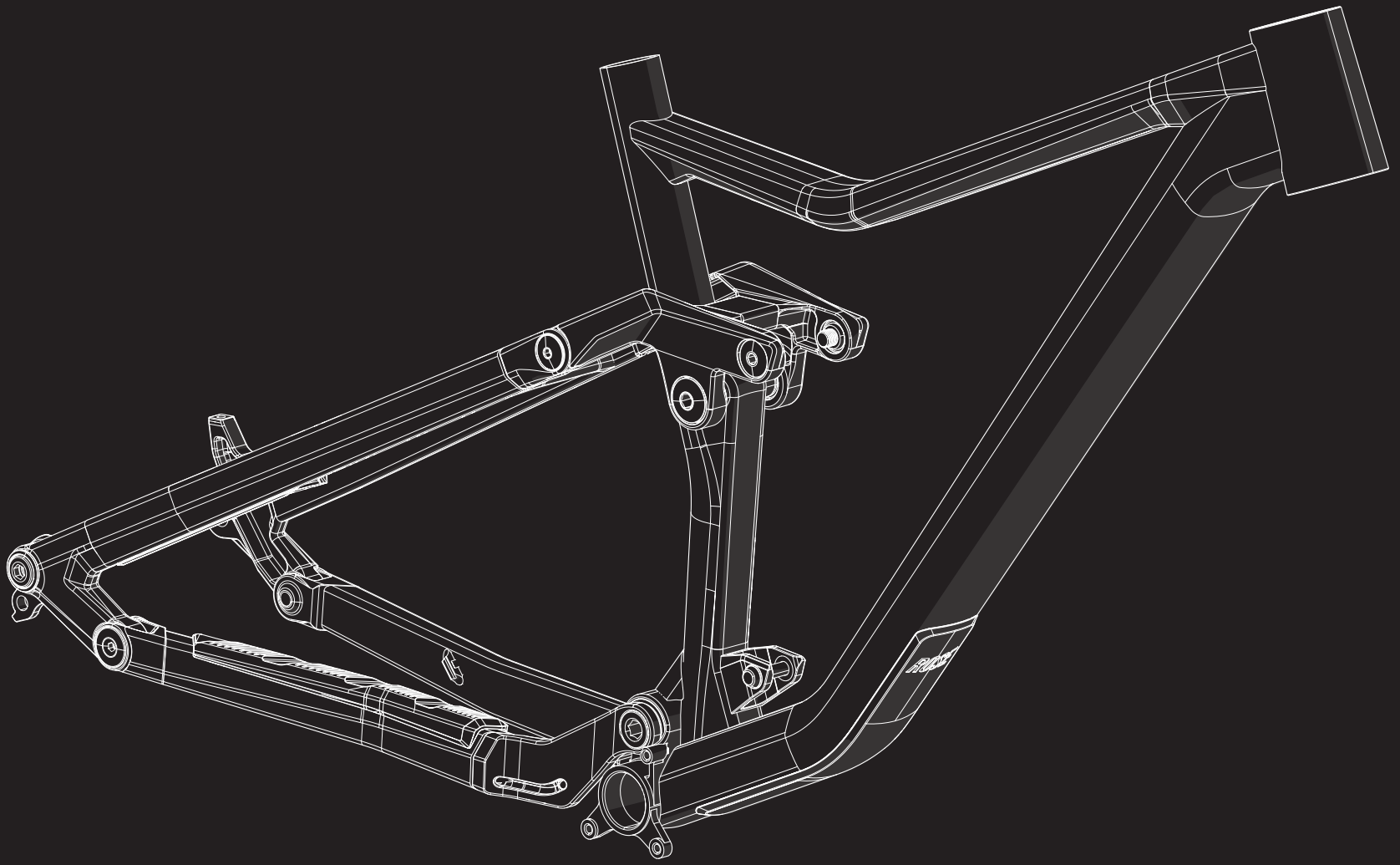
ROSE



**ANY QUESTIONS?**
rosebikes.de/support

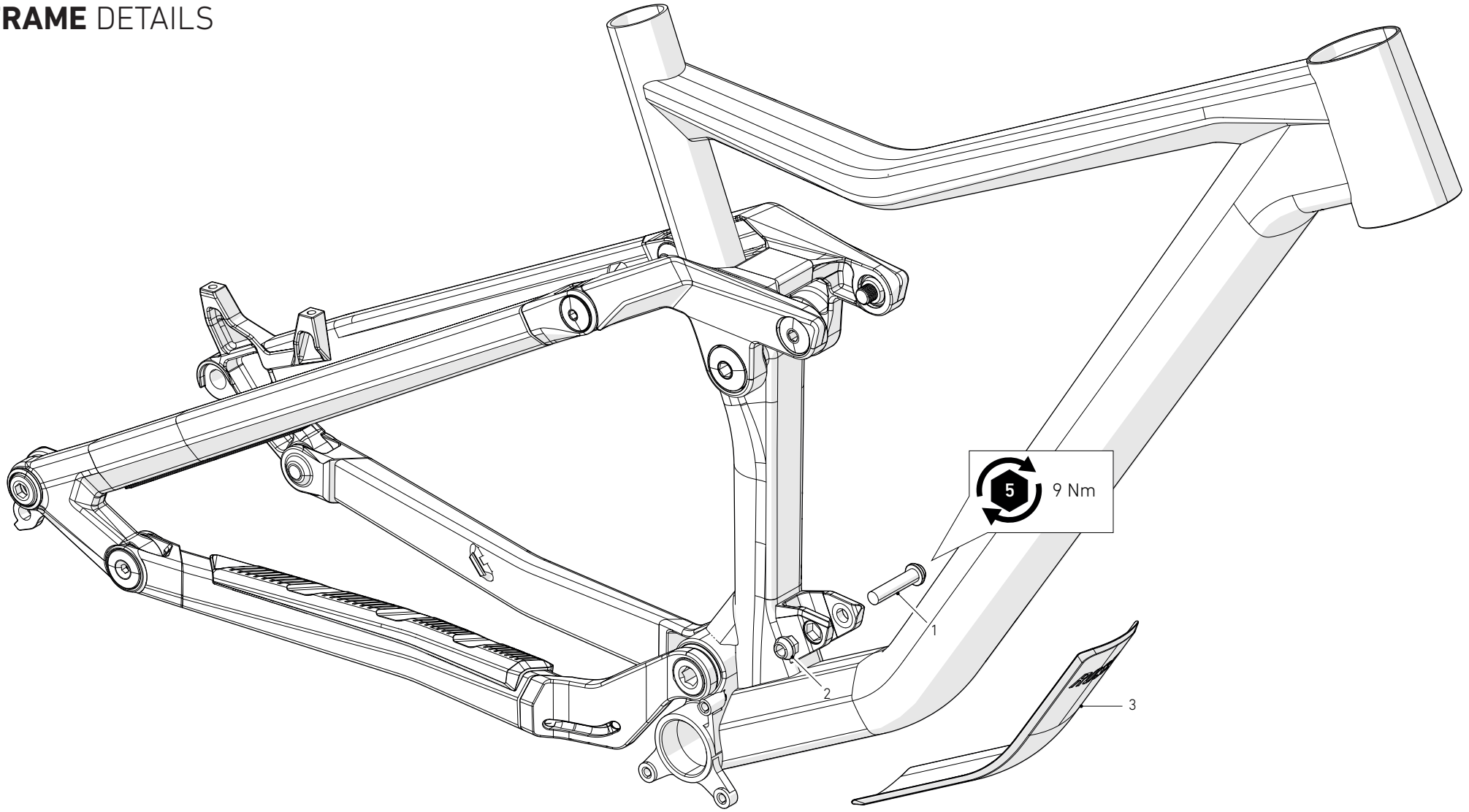
# ROOT MILLER

ROSE Bikes GmbH
Schersweide 4
46395 Bocholt, Germany

**FRAME** DETAILS
MODELYEAR 2024+

**ROOT MILLER**

# **FRAME** DETAILS

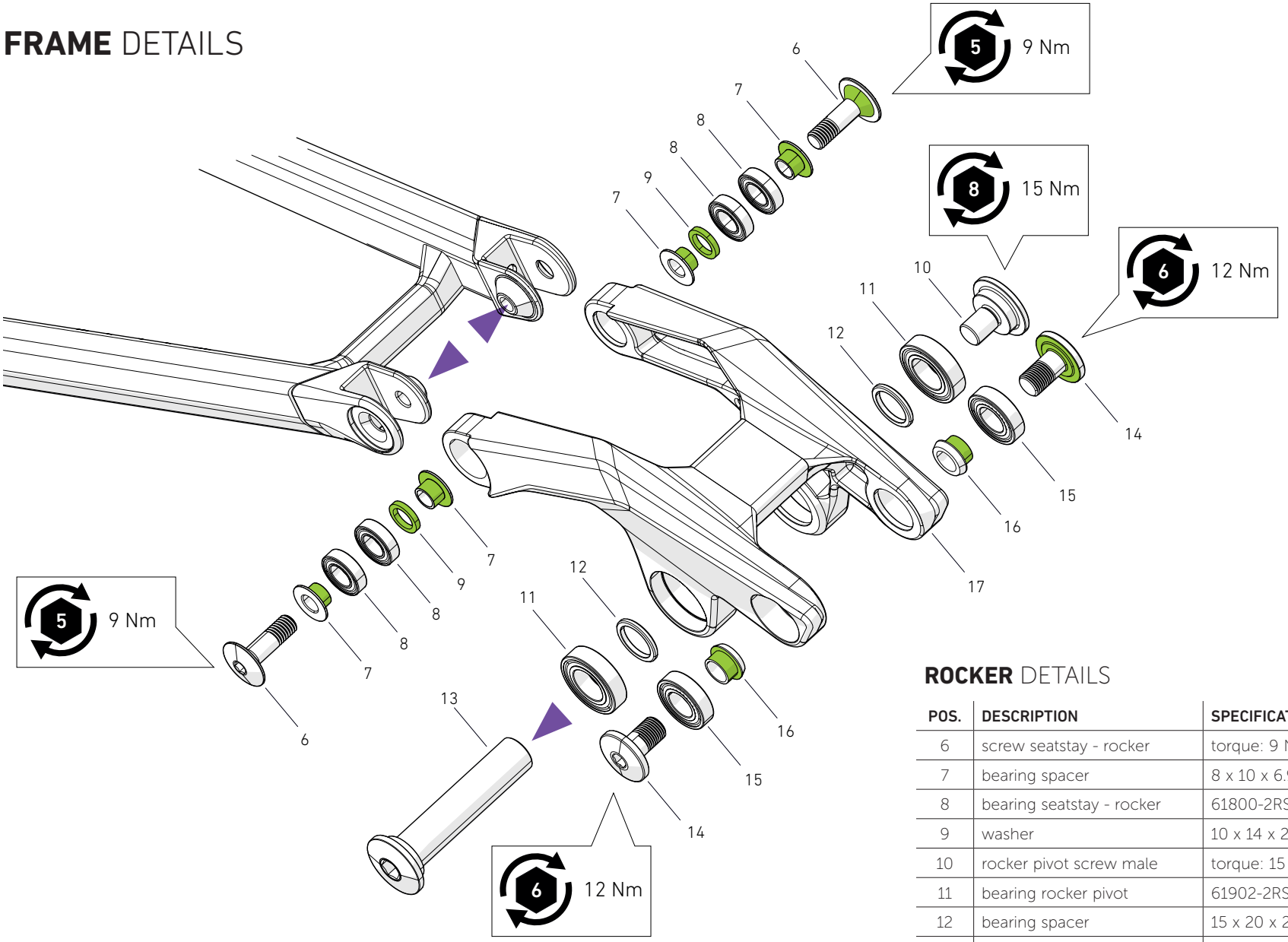



## **MAIN FRAME** DETAILS

| POS. | DESCRIPTION | SPECIFICATIONS | ART. NR. |
|---|---|---|---|
| 1 | shock screw | M8 x 35 mm, torque: 9 Nm / tool: 5 mm hex | 229968201 |
| 2 | shock screw nut | | 2251949 |
| 3 | frame protector downtube | | 2297692 |

# ROOT MILLER

## **FRAME** DETAILS



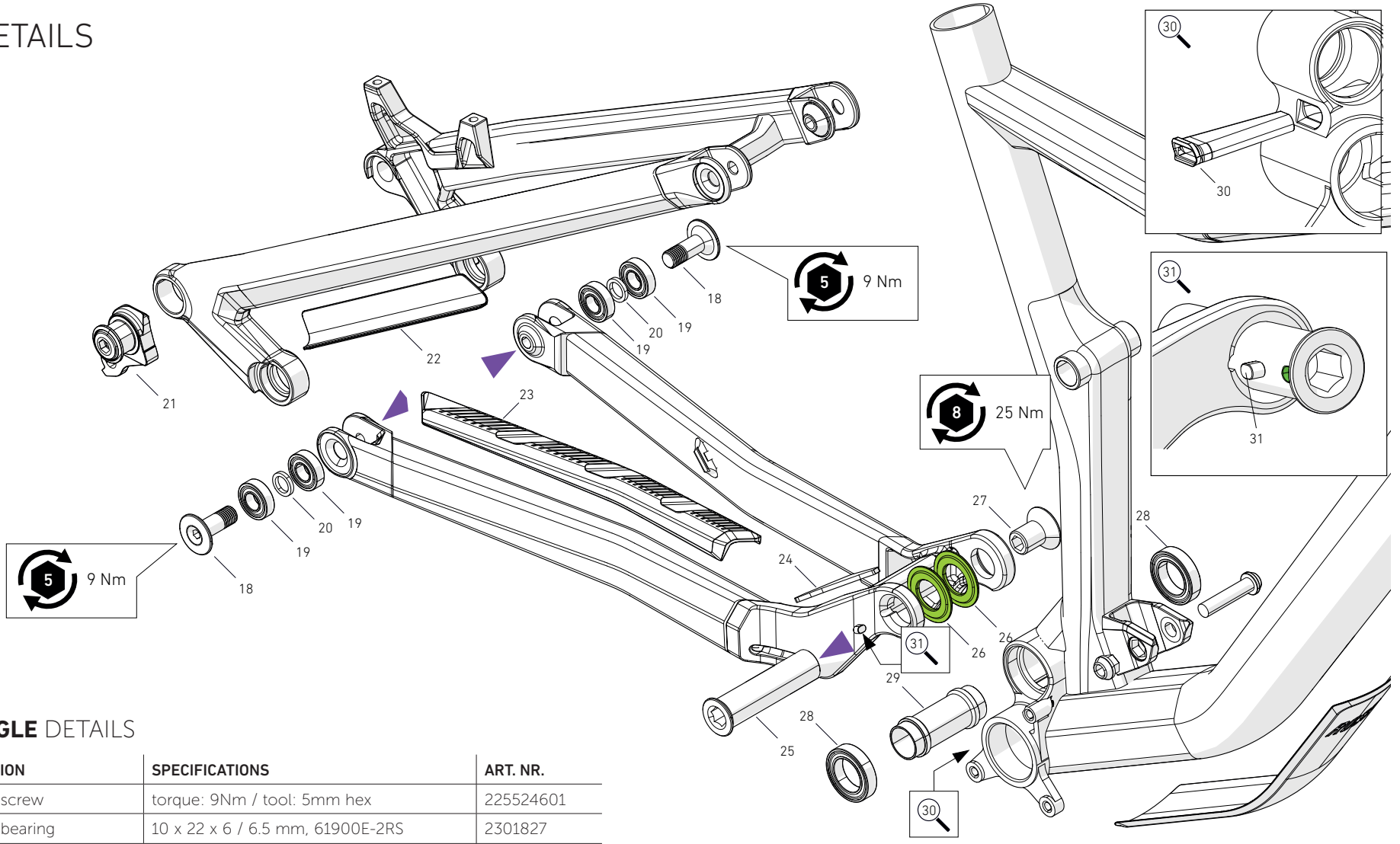

| | | | |
|---|---|---|---|
| | GREASE | Motorex Bike Grease 2000 100 g | 49208600 |
| | THREADLOCKER | mid strength, for example Art. Nr. 1322431 | |

## **ROCKER** DETAILS

| POS. | DESCRIPTION | SPECIFICATIONS | ART. NR. |
|---|---|---|---|
| 6 | screw seatstay - rocker | torque: 9 Nm / tool: 5 mm hex | 225524801 |
| 7 | bearing spacer | 8 x 10 x 6.9 mm | 1970681 |
| 8 | bearing seatstay - rocker | 61800-2RS1, 10 x 19 x 5 mm | 2298583 |
| 9 | washer | 10 x 14 x 2 mm | 2190112 |
| 10 | rocker pivot screw male | torque: 15 Nm / tool: 8 mm hex | 230189701 |
| 11 | bearing rocker pivot | 61902-2RS1, 15 x 28 x 7 mm | 2298580 |
| 12 | bearing spacer | 15 x 20 x 2 mm | 1970742 |
| 13 | rocker pivot screw female | torque: 15 Nm / tool: 8mm hex | 230189601 |
| 14 | screw shock mount | torque: 12 Nm / tool: 6mm hex | 225524701 |
| 15 | bearing | 61901-2RS1, 12 x 24 x 6 mm | 2301825 |
| 16 | bearing bushing | 10 x 12 x 8.5 mm | 225524101 |
| 17 | rocker | | 2301895 |

# ROOT MILLER

## **FRAME** DETAILS



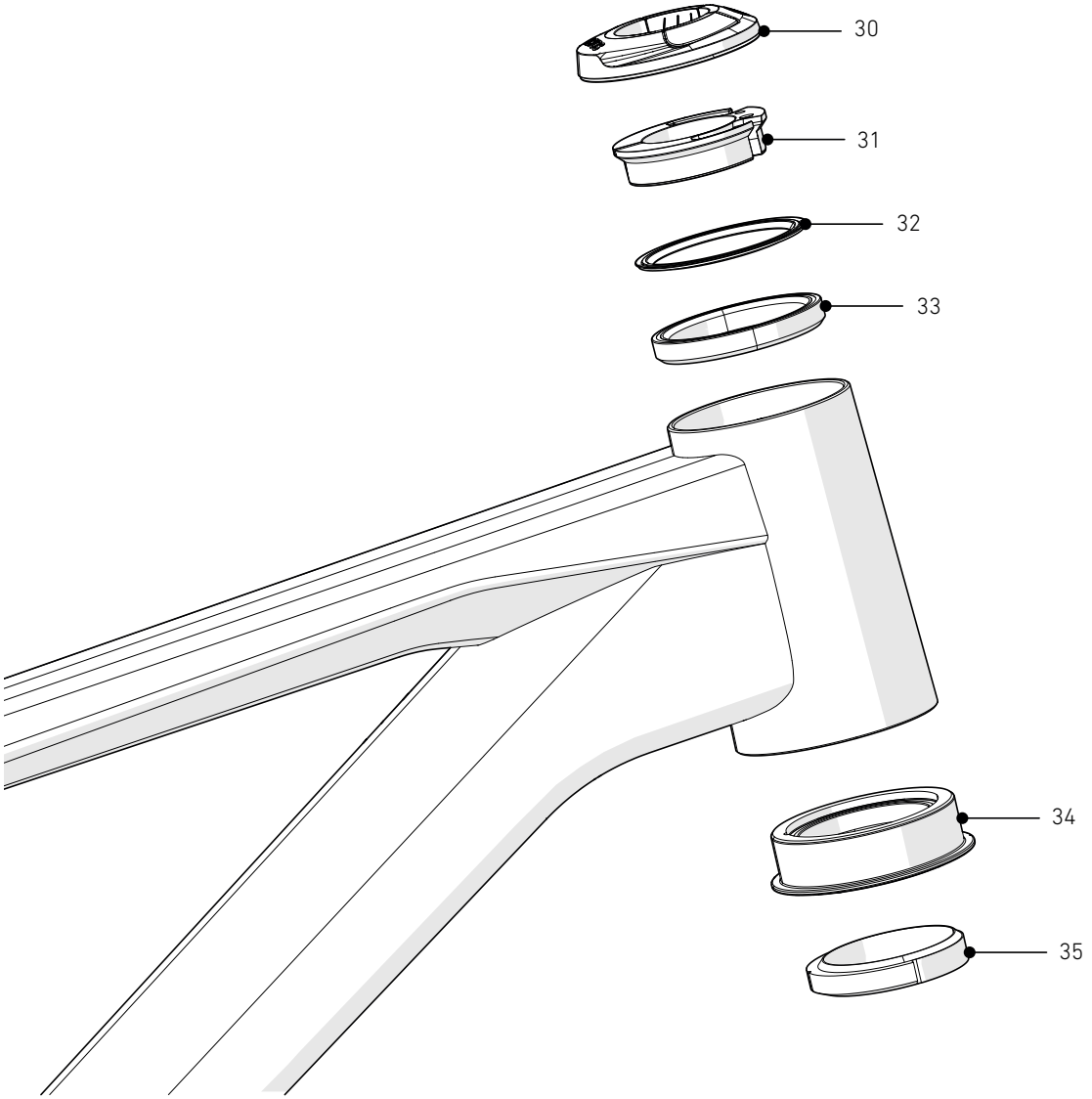

## **REAR TRIANGLE** DETAILS

| POS. | DESCRIPTION | SPECIFICATIONS | ART. NR. |
|---|---|---|---|
| 18 | horst link screw | torque: 9Nm / tool: 5mm hex | 225524601 |
| 19 | horst link bearing | 10 x 22 x 6 / 6.5 mm, 61900E-2RS | 2301827 |
| 20 | washer | 10 x 14 x 2 mm | 2190112 |
| 21 | derailleur hanger | Sram UDH | 230116501 |
| 22 | frame protection seatstay | | 2302245 |
| 23 | frame protection chainstay | | 2297690 |
| 24 | frame protection yoke | | 2300930 |
| 25 | main pivot bolt | | 2251935 |
| | GREASE | Motorex Bike Grease 2000 100 g | 49208600 |
| | THREADLOCKER | mid strength, for example Art. Nr. 1322431 | |

| POS. | DESCRIPTION | SPECIFICATIONS | ART. NR. |
|---|---|---|---|
| 26 | yoke spacer | 18 x 33.5 x 2.5 mm | 2251940 |
| 27 | main pivot screw | torque: 25 Nm / tool: 8 mm hex | 2251937 |
| 28 | main pivot bearing | 20 x 32 x 7 mm / 61804-2RS1 | 2301826 |
| 29 | sleeve main pivot | | 225194001 |
| 30 | BB sleeve | | 230340701 |
| 31 | feather key | | 225048701 |

# ROOT MILLER

## **FRAME** DETAILS

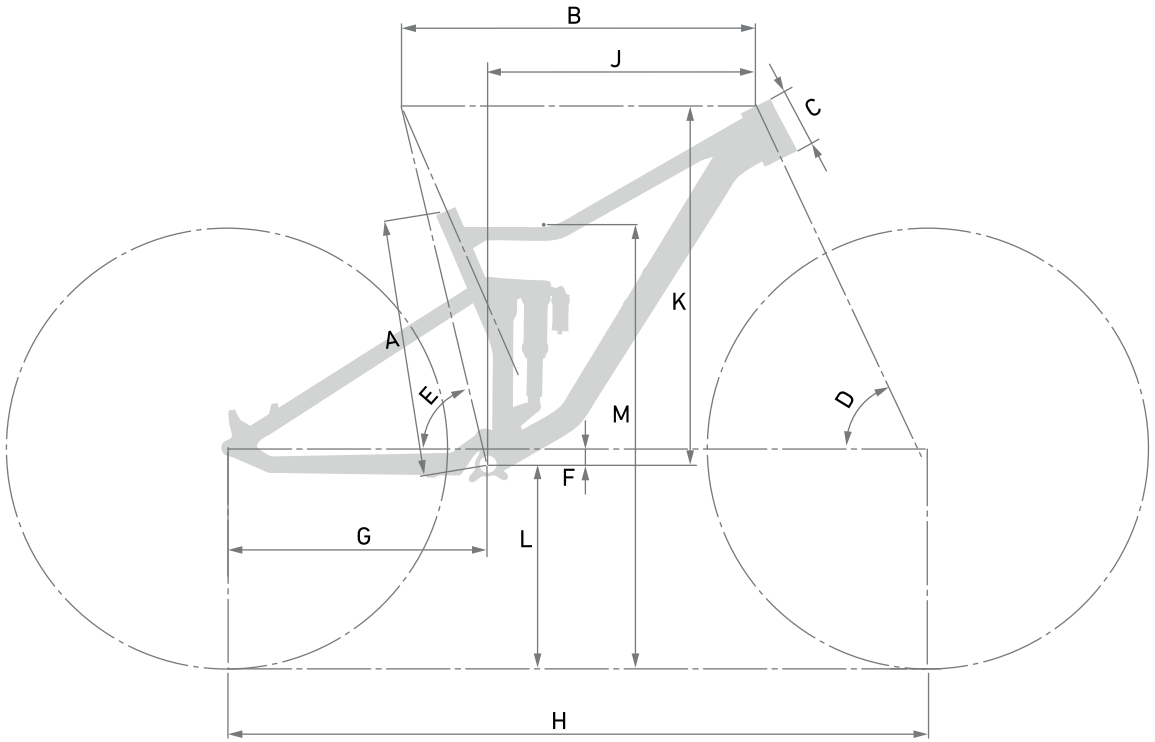



## **HEADSET** DETAILS

| POS. | DESCRIPTION | SPECIFICATIONS | ART. NR. |
|---|---|---|---|
| 30 | headtube cover | | 233392001 |
| 31 | compression ring | | |
| 32 | headset sealing | | |
| 33 | upper bearing | | |
| 34 | lower cup | block lock | |
| 35 | crown race | block lock | |

# ROOT MILLER

## **FRAME** DETAILS




| | | SIZE S | SIZE M | SIZE L | SIZE XL |
|---|---|---|---|---|---|
| **SEAT TUBE LENGTH** | **A** | 410 | 440 | 470 | 500 |
| **TOP TUBE LENGTH** | **B** | 581 | 608 | 637 | 665 |
| **HEAD TUBE LENGTH** | **C** | 95 | 100 | 110 | 120 |
| **HEAD ANGLE** | **D** | 64 | 64 | 64 | 64 |
| **SEAT ANGLE EFFECTIVE** | **E** | 76,6 | 76,5 | 76,3 | 76,2 |
| **BB DROP** | **F** | 28 | 28 | 28 | 28 |
| **CHAIN STAY LENGTH** | **G** | 442 | 442 | 442 | 442 |
| **WHEEL BASE** | **H** | 1210 | 1237 | 1266 | 1295 |
| **REACH** | **J** | 435 | 460 | 485 | 510 |
| **STACK** | **K** | 610 | 614 | 623 | 633 |
| **BB HEIGHT** | **L** | 348 | 348 | 348 | 348 |
| **STANDOVER HEIGHT** | **M** | 734 | 756 | 759 | 759 |

## **FRAME** INTERFACES

| | |
|---|---|
| **BOTTOM BRACKET** | BSA 73 mm |
| **HEADSET** | IS42 / ZS56 |
| **REAR WHEEL AXLE** | 180 mm, M12x1.0, thread length: 13 mm<br>Art. Nr.: 230185901 - Sram Maxle Stealth |
| **SHOCK LENGTH X STROKE** | 205 x 60 mm |
| **SHOCK HARDWARE** | Trunnion Mount / Ø8 x 20 mm |
| **REAR BRAKE MOUNT** | PM 180 |
| **MAX. Ø REAR BRAKE DISC** | 203 mm |
| **Ø SEAT TUBE** | 31.6 mm, internal dropper compatible |
| **Ø SEAT POST CLAMP** | 36 mm, e.g. ROSE seat post clamp, Art. Nr. 226113801 |
| **MAX. TIRE WIDTH** | 2.6" |
| **WHEEL SIZE** | 29" |
| **MAX. CHAINRING SIZE** | 36 T |
| **ISCG** | ISCG 05 |
| **REAR HUB SPACING** | Boost 12 x 148 mm |

**MAX SYSTEM WEIGHT (RIDER + BICYCLE + CLOTHING + GEAR + LUGGAGE): 120 KG**
**INTENDED USE (DIN 17406): CATEGORY 4**