

GENERAL SUSPENSION FORK MANUAL

AWARNING!

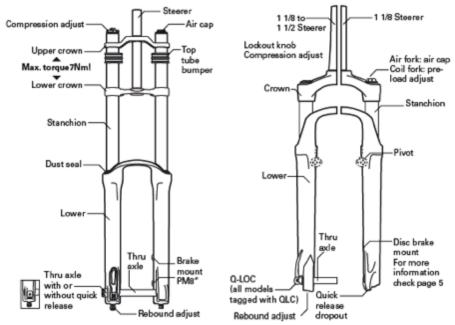
Carefully read, understand and follow the instructions provided in this manual, and keep it in a safe place for future reference. If you have any doubt whatsoever regarding the use or maintenance of any SR SUNTOUR product, please contact SR SUNTOUR. Failure to follow these warnings and instructions can result in product malfunction, causing an accident, severe injury or death.

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www.srsuntour-cycling.com > Service > Download area > Consumer Downloads > Bike > Owners manuals > General Fork Manual



IMPORTANT SAFETY INFORMATION



WARNING!

Failure to follow all warnings and safety instructions can cause your product to malfunction, resulting in an accident, severe personal injuries or even death to the rider.

- Read this manual thoroughly before using your suspension system.
- ➤ These instructions contain important information about the correct installation, service and maintenance of your suspension fork. Common mechanical knowledge may not be sufficient. Your suspension fork should only be installed, serviced and/or maintained by a trained and qualified bicycle mechanic with specialized tools.
- Our suspension systems contain fluids and gases under extreme pressure. Never try to open any SR SUNTOUR suspension system! Pieces can be violently ejected.
- ➤ SR SUNTOUR suspension forks are designed as a single integrated system. To avoid product malfunction and an accident, use only genuine SR SUNTOUR spare parts. The use of third-party supplier spare parts also voids the warranty of your suspension system.
- Your suspension fork is not intended for jumps, aggressive downhill rides, freeride or dirt jumping if the warning sticker on your suspension system prohibits these activities. Disregarding these instructions may cause your suspension fork to fail, resulting in an accident, personal injury or death, and will void the warranty.
- SR SUNTOUR suspension fork is designed for use by a single rider.
- Select the correct suspension fork according to your frame's dimensions and your personal riding style. Installing a suspension fork which does not match the geometry of your frame could result into a failure of the suspension fork or frame itself, and will void the shocks warranty.

- failure of the suspension fork or frame itself, and will void the shocks warranty.
- Know the limits of your skill and experience, and never ride beyond them.
- Read, understand and follow all owner's manuals provided with your bike and all of its components.
- Always be equipped with proper safety gear. This includes a properly fitted and fastened helmet. According to your riding style you should use additional safety protection. Make sure your equipment is in flawless condition.
- Even if you had a suspension system in the past, ride carefully and slowly to become accustomed to the feel of your new suspension fork.
- ➤ SR SUNTOUR suspension forks are not equipped with front reflectors for use on public roads. If you intend to use your bicycle on public roads or bicycle paths, you must install the required front reflectors. Please contact your dealer.
- ➤ If you are using a bicycle rack that requires the front wheel to be removed, carefully insert and remove the dropouts from the bike rack. Do not bend the dropouts!
- ➢ If you are using a bicycle rack that fastens the bicycle at the front dropouts only, then the rear wheel must be securely fastened to prevent movement of the rear wheel. Movement of the rear wheel will damage the front dropouts, and this damage may not be visible to you.
- If the bicycle has fallen off the bicycle rack, have it inspected by a qualified bicycle mechanic before riding it again.



Avoid serious personal injury or even death. Do not ride the bicycle if any of the following criteria is not met! Correct any condition before you ride.

- Inspect your bicycle and suspension system including the handlebars, pedals, crank arms, seat post, saddle, etc. for any cracks, dents, bent or tarnished parts. Also search for any oil leaking out of your shocks. Be sure to check hidden areas on the underside of your bike. If any condition exists, consult a trained and qualified bicycle mechanic to determine the cause and make any necessary correction.
- Compress your suspension system with your body weight. If it feels too soft, make the necessary adjustments until you have reached the correct SAG value. Please also see the instruction in this manual regarding SAG.
- Make sure your brakes are properly installed/adjusted and work correctly.
- Spin the wheels. Make sure that wheels are perfectly centered and do not contact the suspension fork or brakes.

- If you are using a quick release system to fasten your wheel set, make sure that all levers and nuts are properly tightened. In case you are using a through axle system, make sure that all fixing bolts are tightened with the appropriate torque values. Strictly follow the instructions provided by the manufacturer of the quick release or through axle system.
- Check the cable length and routing of your components. Make sure they do not interfere with your steering of the bicycle.
- If you are using reflectors for on-road cycling, make sure they are clean and properly installed.
- Check mounting hardware of all components to make sure everything is tightened.
- Bounce your bike on the ground while looking and listening for anything which might be loose.

FORK ASSEMBLY



WARNING!

Avoid product malfunction, an accident, personal injury or death. Your new SR SUNTOUR suspension fork should be installed, maintained and serviced by a qualified and trained bicycle mechanic. Avoid product failure and an accident, personal injury or death. All mounting screws must be tightened with the respective torques specified by the manufacturer of each individual component (i.e., brake, headset, etc.).

- 1. Remove the old fork from your bicycle. Remove the headset crown race from the fork.
- Measure the length of the steerer tube of your old fork and compare it to the length of the steerer tube of the SR SUNTOUR fork. The standard length of SR SUNTOUR suspension fork steerer tube is 255mm. It may be necessary to shorten the steerer tube to the correct length.
- Install the fork crown race firmly at the top of your fork crown. Reattach the fork assembly (headset, spacer, handlebar stem) to the bicycle. Adjust the headset until no more play is observed. Further information can be found in the installation instructions of the headset manufacturer.
 - You can use the following formula to determine the proper length of the steerer tube: Head tube of the frame + Headset height + Spacer if applicable + Height of the stem - 3 mm distance = Length of the steerer tube
- Install and properly adjust the brakes according to the brake manufacturer's instructions. If you are using a disc brake, install the brake only into the designated threaded receptacle hole for the disc brake. Use only cantilever brakes that are made for use without reinforcing brace. Follow the assembly instructions of your brake manufacturer. Select the proper length for the brake cable so that it does not interfere with the fork or steering.
- Reattach the front wheel. Make sure that all clamping levers and nuts are set and tightened properly (at least four threads must engage in the adjusting nut when the quick release is locked). If the fork is equipped with a thru-axle system, then all screws must be checked for proper torque. Follow the instructions of the Quick Release or Turn-Axle manufacturer.

TIRE CLEARANCE TEST

- 1. Depressurize the fork. (if equipped with air suspension)
- 2. Compress the fork all the way.
- 3. Measure the distance between the top of your tire and the underside of the fork crown. The distance must not be less than 10 mm! If the tire is too big, it will touch the underside of the crown when the fork is fully compressed.
- 4. Relieve the fork and pump it up again if it is an air fork.
- 5. Take into account that the gap is reduced if you are using a fender! Repeat the "tire clearance test" to ensure that the distance is sufficient. You must repeat this test every time you change your tires to another size!

TIRE CLEARANCE



warning!

Using a tire that is larger than the maximum tire size allowed for your fork is very dangerous and can cause accidents, serious injuries and even death. Inadequate tire clearance will result in sudden and unexpected loss of bicycle control, an accident, personal injury or death.

Below dimensions are based on the bottom case type. Some numbers are referred based on the bottom case type which have fender mount interface, and some are without. Please check in advance whether the wheel and fork are compatible. The necessary information can be found on the side of the tire. Every tire has a different external diameter (width and height of the tire). For this reason, check the distance between your tire and the fork to make sure your tire does not touch the fork under any circumstances. Bear in mind that the narrowest part of the fork is at the brake boss level. If you want to remove your wheel, you must release the air from your tire, among other things, in order to fit it through the brake boss level.

| Fork model | Stanchion | Suggested tire size | Max tire width | Max. tire outer diameter (O.D.) | | |
|---------------------|-----------|------------------------------|----------------|---------------------------------|--|--|
| RUX38 27.5" BT | 38mm | 27.5" x 2.8" | 73mm | (* Note below) 732mm | | |
| DUROLUX36 29" BT | 36mm | 29" x 2.6" / 27.5" x 2.8" | 63mm | 756mm | | |
| DUROLUX36 27.5" BT | 36mm | 27.5" x 2.6" | 63mm | 723mm | | |
| AURON35 29" BT | 35mm | 29" x 2.4" / 27.5" x 2.8" | 63mm | 756mm | | |
| AURON35 27.5" BT | 35mm | 27.5" x 2.8" | 73mm | 737mm | | |
| AURON34 29" | 34mm | 29" x 2.25" | 58mm | 752mm | | |
| AURON34 27.5" | 34mm | 27.5" x 2.25" | 58mm | 708mm | | |
| AION35 29" BT | 35mm | 29" x 2.4" / 27.5" x 2.8" | 63mm | 756mm | | |
| AION35 27.5" BT | 35mm | 27.5" x 2.8" | 73mm | 737mm | | |
| AION34 29" | 34mm | 29" x 2.25" | 58mm | 752mm | | |
| AION34 27.5" | 34mm | 27.5" x 2.25" | 58mm | 708mm | | |
| ZERON35 29" BT | 35mm | 29" x 2.4" / 27.5" x 2.8" | 63mm | 756mm | | |
| ZERON35 27.5" BT | 35mm | 27.5" x 2.8" | 73mm | 737mm | | |
| AXON34-werx 29" BT | 34mm | 29" x 2.4" | 63mm | 756mm | | |
| AXON34-elite 29" BT | 34mm | 29" x 2.4" | 63mm | 756mm | | |
| AXON34 29" BT | 34mm | 29" x 2.4" | 63mm | 760mm | | |
| AXON34 27.5" BT | 34mm | 27.5" x 2.6" | 67mm | 725mm | | |
| AXON32 29" BT | 32mm | 29" x 2.4" | 63mm | 756mm | | |
| AXON32 27.5" BT | 32mm | 27.5" x 2.5" | 66mm | 724mm | | |
| AXON32 29" | 32mm | 29" x 2.25" | 58mm | 754mm | | |
| AXON32 27.5" | 32mm | 27.5" x 2.25" | 58mm | 710mm | | |
| EPIXON 29" | 32mm | 29" x 2.25" | 58mm | 754mm | | |
| EPIXON 27.5" | 32mm | 27.5" x 2.25" | 58mm | 710mm | | |
| EPIXON 26" | 32mm | 26" x 2.25" | 58mm | 684mm | | |
| RAIDON34 29" BT | 34mm | 29" x 2.4" | 63mm | 760mm | | |
| RAIDON34 27.5" BT | 34mm | 27.5" x 2.6" | 67mm | 725mm | | |
| RAIDON32 29" BT | 32mm | 29" x 2.4" | 63mm | 756mm | | |
| RAIDON32 27.5" BT | 32mm | 27.5" x 2.5" | 66mm | 724mm | | |
| RAIDON32 29" | 32mm | 29" x 2.25" | 58mm | 754mm | | |
| RAIDON32 27.5" | 32mm | 27.5" x 2.25" | 58mm | 710mm | | |
| RAIDON32 26" | 32mm | 26" x 2.25" | 58mm | 684mm | | |
| XCR34 29" BT | 34mm | 29" x 2.4" | 63mm | 760mm | | |
| XCR34 27.5" BT | 34mm | 27.5" x 2.6" | 67mm | 725mm | | |
| XCR32 29" BT | 32mm | 29" x 2.4" | 63mm | 756mm | | |
| XCR32 27.5" BT | 32mm | 27.5" x 2.5" | 66mm | 724mm | | |
| XCR32 29" | 32mm | 29" x 2.25" | 58mm | 754mm | | |
| XCR32 27.5" | 32mm | 27.5" x 2.25" | 58mm | 710mm | | |
| XCR32 26" | 32mm | 26" x 2.25" | 58mm | 684mm | | |
| XCR 24" | 32mm | 24" x 2.1" | 54mm | 624mm | | |
| XCM34 29 BT | 34mm | 29" x 2.4" | 63mm | 756mm | | |
| XCM34 27.5 BT | 34mm | 27.5" x 3.0" | 78mm | 740mm | | |
| XCM32 29" BT | 32mm | 29" x 2.4" | 63mm | 752mm | | |
| XCM32 27.5" BT | 32mm | 27.5" x 2.6" | 67mm | 730mm | | |
| XCM32 20" CRG | 32mm | 20" x 2.25" | 58mm | 530mm | | |
| XCM 24" BT | 30mm | 24" x 2.8" | 73mm | 678mm | | |
| XCM 29" | 30mm | 29" x 2.4" | 63mm | 758mm | | |
| XCM 27.5" | 30mm | 27.5" x 2.25" | 58mm | 714mm | | |
| XCM 26" | 30mm | 26" x 2.25" | 58mm | 688mm | | |
| XCM-JR. 20" | 28mm | 20" x 2.1" | 56mm | 526mm | | |

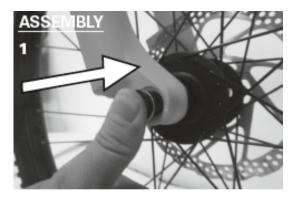
| XCT30 29" | 30mm | 29" x 2.25" | 58mm | 750mm |
|-----------------|--------|---------------|------|-------|
| XCT30 27.5" | 30mm | 27.5" x 2.25" | 58mm | 714mm |
| XCT L24" | 28mm | 24" x 2.1" | 54mm | 628mm |
| XCT 20" plus | 28mm | 20" x 2.8" | 73mm | 554mm |
| XCT L20" | 28mm | 20" x 2.1" | 56mm | 526mm |
| XCT 24" | 25.4mm | 24" x 2.1" | 54mm | 628mm |
| XCT 20" | 25.4mm | 20" x 2.1" | 56mm | 526mm |
| XCE28 29" | 28mm | 29" x 2.25" | 58mm | 750mm |
| XCE28 27.5" | 28mm | 27.5" x 2.25" | 58mm | 714mm |
| XCE28 26" | 28mm | 26" x 2.1" | 54mm | 680mm |
| MOBIE45 700C | 34mm | 700C x 57C | 59mm | 751mm |
| MOBIE45 27.5" | 34mm | 27.5" x 2.4" | 63mm | 717mm |
| MOBIE25 700C | 32mm | 700C x 57C | 59mm | 751mm |
| MOBIE25 27.5" | 32mm | 27.5" x 2.4" | 63mm | 717mm |
| MOBIE-A32 27.5" | 32mm | 27.5" x 2.4" | 63mm | 717mm |
| XCM-ATB 29" | 30mm | 29" x 2.4" | 63mm | 760mm |
| XCM-ATB 27.5" | 30mm | 27.5" x 2.4" | 63mm | 724mm |
| XCT-ATB 29" | 28mm | 29" x 2.4" | 63mm | 760mm |
| XCT-ATB 27.5" | 28mm | 27.5" x 2.4" | 63mm | 724mm |
| NRX32-15 700C | 32mm | 700C x 48C | 50mm | 722mm |
| NRX30 700C | 30mm | 700C x 48C | 50mm | 722mm |
| NVX28 700C | 28mm | 700C x 52C | 54mm | 738mm |
| NCX30 700C | 30mm | 700C x 48C | 50mm | 722mm |
| TR-HSi 700C | 30mm | 700C x 52C | 54mm | 738mm |
| NEX-E25 700C | 30mm | 700C x 52C | 54mm | 738mm |
| NEX-E25 26" | 30mm | 26" x 2.1" | 54mm | 678mm |
| NEX 700C | 28mm | 700C x 48C | 50mm | 738mm |
| NEX 26" | 28mm | 26" x 2.1" | 54mm | 678mm |
| M3010-700C | 25.4mm | 700C x 52C | 54mm | 742mm |
| M3010-26" | 25.4mm | 26" x 2.1" | 54mm | 684mm |
| M3010-24" | 25.4mm | 24" x 2.1" | 54mm | 630mm |
| M3010-20" | 25.4mm | 20" x 2.1" | 56mm | 526mm |
| CR9 700C | 28mm | 700C x 48C | 50mm | 722mm |
| CR85-E25 700C | 30mm | 700C x 48C | 50mm | 722mm |
| CR85-E25 26" | 30mm | 26" x 2.1" | 54mm | 684mm |
| CR8 700C | 28mm | 700C x 48C | 50mm | 722mm |
| CR8 26" | 28mm | 26" x 2.1" | 54mm | 684mm |
| CR7 700C | 25.4mm | 700C x 48C | 50mm | 722mm |
| | 1 | 1 | | |
| CR7 26" | 25.4mm | 26" x 2.1" | 54mm | 684mm |

^{*} Note: Above dimension is based on the bottom case type. Some numbers are referred based on the bottom case type which have fender mount interface, and some are without.

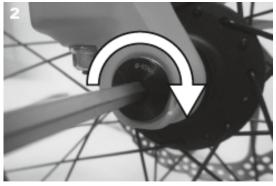
MAXIMUM BRAKE ROTOR SIZE

| Fork model | Stanchion size | Rotor size when disc caliper mounted directly | r Max. rotor size | | |
|------------------------|----------------|---|-------------------|--|--|
| RUX | 38mm | 38mm 203mm | | | |
| DUROLUX36 29 BT | 36mm | 180mm | 203mm | | |
| DUROLUX36 | 36mm | 180mm | 203mm | | |
| AURON35 29"/27.5" BT | 35mm | 180mm | 203mm | | |
| AURON34 29"/27.5" | 34mm | 160mm | 203mm | | |
| AION35 29"/27.5" BT | 35mm | 180mm | 203mm | | |
| AION34 29"/27.5" | 34mm | 160mm | 203mm | | |
| ZERON35 29"/27.5" BT | 35mm | 180mm | 203mm | | |
| AXON34 29"/27.5" BT | 34mm | 160mm | 180mm | | |
| AXON32 29"/27.5" | 32mm | 160mm | 180mm | | |
| EPIXON 29"/27.5"/26" | 32mm | 160mm | 180mm | | |
| RAIDON34 29"/27.5" BT | 34mm | 180mm | 203mm | | |
| RAIDON32 29"/27.5"/26" | 32mm | 160mm | 180mm | | |
| XCR34 29"/27.5" BT | 34mm | 180mm | 203mm | | |
| XCR32 29"/27.5" BT | 32mm | 160mm | 180mm | | |
| XCR32 29"/27.5"/26" | 32mm | 160mm | 180mm | | |
| XCM34 29 BT | 34mm | 160mm | 203mm | | |
| XCM34 27.5 BT | 34mm | 160mm | 203mm | | |
| XCM32 29"/27.5" BT | 32mm | 160mm | 180mm | | |
| XCM30 29"/27.5"/26" | 30mm | 160mm | 180mm | | |
| XCT30 29"/27.5" | 30mm | 160mm | 180mm | | |
| XCT28 L24" | 28mm | 160mm | 180mm | | |
| XCT 24"/20" | 25.4mm | 160mm | 180mm | | |
| XCE28 29"/27.5"/26" | 28mm | 160mm | 180mm | | |
| Mobie45 700C/27.5" | 34mm | 160mm | 203mm | | |
| Mobie25 700C/27.5" | 32mm | 160mm | 180mm | | |
| NRX32-15 700C | 32mm | 160mm | 180mm | | |
| NRX30 700C | 30mm | 160mm | 180mm | | |
| NVX28 700C | 28mm | 160mm | 180mm | | |
| NCX30 700C | 30mm | 160mm | 180mm | | |
| NCX28 26" | 28mm | 160mm | 180mm | | |
| NEX-E25 700C | 30mm | 160mm | 180mm | | |
| NEX 700C/26" | 28mm | 160mm | 180mm | | |
| M-series | 25.4mm | 160mm | 180mm | | |

Note: Before installation, make sure to check the o-ring is correctly seated at the thread part.



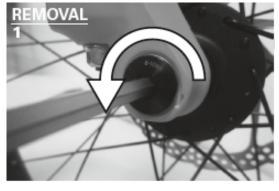
1. Fully insert the axle on the drive-side.



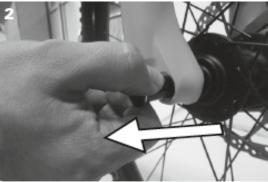
2. Tighten the axle with a 5mm Allen wrench by the suggested tightening torque of 8-10Nm.



3. Check the axle's thread. It must be visible.



1. Loosen the axle on the drive side with a 5mm Allen wrench.



2. Pull out the axle.

20MM BOLTED THRU AXLE ASSEMBLY

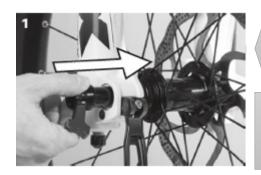


1. Slide in the axle and tighten it with a 6mm Allen wrench by suggested tightening torque of 10Nm.

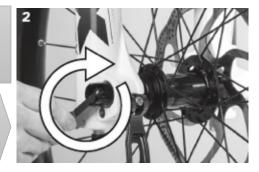


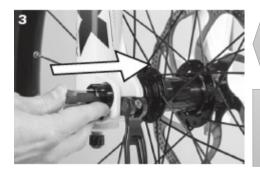
2. Tighten the safety clamp with a 4mm Allen wrench by suggested tightening torque of 7Nm.

20MM CROSS AXLE ASSEMBLY



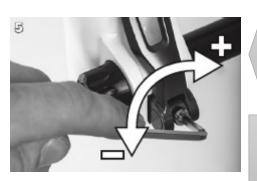
- 1. Slide in the axle on the quick-lock side.
- 2. Tighten the axle with the red lever.





- 3. It is possible to slide the lever into the axle now.
- 4. Lock the quick release.

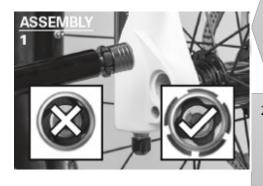




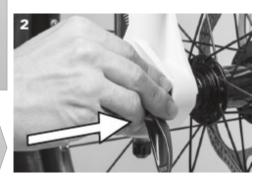
- 5. Set the tensioning force with a 4 mm Allen wrench if needed.
- 6. The lever should be flush to the bottom case.

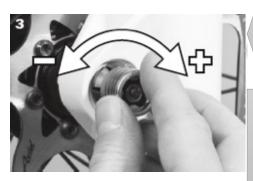


Q-LOC ASSEMBLY INSTRUCTIONS

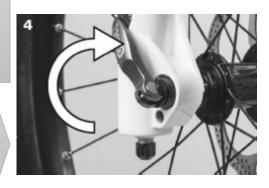


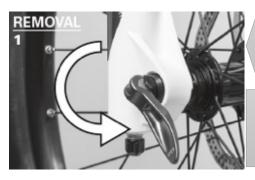
- 1. Check the segmented flange to be expanded before installation and open the lever completely.
- Slide in the axle until it "clicks".
 Make sure the segmented flange is expanded.



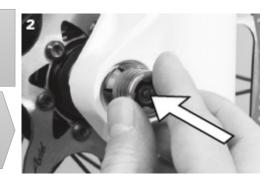


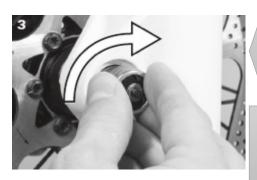
- 3. Set the tension of the nut until the flange is flush with the dropout.
- 4. Close the lever completely. Check if it's firmly seated. Retighten the nut if necessary.



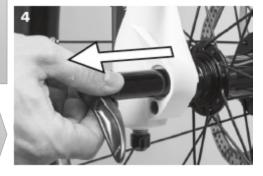


- Open the lever completely.
- Press adjust nut until segmented flange retracts.





- 3. Turn nut clockwise until flange stays latched.
- 4. Pull out the axle.



COIL SPRING PRELOAD

The fork can be adjusted to the rider's weight and preferred riding style via the spring preload. It is not the coil spring hardness that is set, but the spring preload. This reduces the "SAG" of the fork when the rider sits down. A semi-hard spring is used by default. Turn the preload adjust knob clockwise to increase the spring preload and turn it counter-clockwise to reduce it. Two additional spring hardnesses are available for SR SUNTOUR suspension forks - softer and harder than the standard coil spring.



AIR PRESSURE AND "SAG"

| RUX | DUROLUX | AVON | | | Suggested air pressure (psi) | | | | | | | | |
|---------|--|--|---|---------------|------------------------------|--------------------------------|--|--|--|--|--|--|--|
| NUX | AURON AION | AXON EPIXON RAIDON | XCR-air | XCM-Jr air | Mobie45- air | Mobie25- air | NRX-air | NCX-air | | | | | |
| < 40 | 35 - 50 | 40 - 55 | 40 - 55 | 40 - 55 | 35 - 50 | 40 - 55 | 40 - 55 | 40 - 55 | | | | | |
| 40 - 50 | 50 - 60 | 55 - 65 | 55 - 65 | | 50 - 60 | 55 - 65 | 55 - 65 | 55 - 65 | | | | | |
| 50 - 60 | 60 - 70 | 65 - 75 | 65 - 75 | | 60 - 70 | 65 - 75 | 65 - 75 | 65 - 75 | | | | | |
| 60 - 70 | 70 - 85 | 75 - 85 | 75 - 85 | | 70 - 85 | 75 - 85 | 75 - 85 | 75 - 85 | | | | | |
| 70 - 85 | 85 - 105 | 85 - 100 | 85 - 100 | | 85 - 105 | 85 - 100 | 85 - 100 | 85 - 100 | | | | | |
| 85 + | 105 + | 100 + | 100 + | | 105 + | 100 + | 100 + | 100 + | | | | | |
| 70psi | 90psi | 32mm: 110psi 34mm: 95psi | 32mm: 120psi 34mm: 100psi | 50psi | 90psi | 100psi | 85psi | 80psi | | | | | |
| 105psi | 120psi | 145psi | 160psi | 100psi | 120psi | 130psi | 120psi | 120psi | | | | | |
| | 40 - 50 50 - 60 60 - 70 70 - 85 85 + | < 40 35 - 50 40 - 50 50 - 60 50 - 60 60 - 70 60 - 70 70 - 85 70 - 85 85 - 105 85 + 105 + 70psi 90psi | < 40 35 - 50 40 - 55 50 - 60 55 - 65 50 - 60 60 - 70 65 - 75 60 - 70 70 - 85 75 - 85 70 - 85 85 - 105 85 - 100 + 32mm: 110psi 34mm: 95psi | < 40 | AION RAIDON < 40 | AION RAIDON < 40 | AION RAIDON 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 40 - 55 50 - 60 55 - 65 50 - 60 55 - 65 50 - 60 55 - 65 50 - 60 55 - 65 60 - 70 65 - 75 60 - 70 65 - 75 60 - 70 65 - 75 70 - 85 75 - 85 70 - 85 75 - 85 70 - 85 75 - 85 70 - 85 75 - 85 75 - 85 70 - 85 85 - 100 85 - 105 85 - 100 85 - 105 85 - 100 85 - 100 85 - 105 85 - 100 85 - 100 85 - 105 85 - 100 85 - 100 85 - 105 85 - 100 85 - 100 85 - 105 85 - 100 | AION RAIDON 40 - 55 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 60 55 - 65 55 - 65 50 - 75 65 - 75 65 - 75 65 - 75 65 - 75 65 - 75 75 - 85 75 | | | | | |

Note:

Above numbers are reference only. Correct air pressure must be adjusted by individual rider while checking the sag.

The "SAG" (negative spring stroke) is the compression which is caused by the rider's weight, including equipment (such as back-pack), seating position and the frame's geometry. The "SAG" depends on the position and weight of the rider on the bike, and should be determined based on the max. fork travel, depending on the intended use and preferences.



- 1. Unscrew the valve cap. Screw a fork / shock pump onto the valve.
- 2. Pump the suspension fork up to the desired pressure. Never exceed the recommended maximum air pressure. **Note the table above.**
- 3. Sit on the bicycle in normal riding position and check the "SAG". Add or release air as needed. You can lean against a wall in order to be able to sit still on the bicycle in order to measure the "SAG".

MAINTENANCE OF THE FORK

As long as moving parts are exposed to moisture and contamination, the performance of your suspension system might be reduced after several rides. To maintain high performance, safety and long life of your suspension system, periodic maintenance is required.

- A suspension system which has not been serviced in accordance with the maintenance instructions will not be covered under warranty.
- Never use a pressure washer or any water under pressure to clean your suspension fork as water may enter the fork at the dust seal level. Never use aggressive cleaners. We recommend clear water and a damp cloth to wipe down your fork.
- Your suspension fork should be serviced more frequently as indicated below if you ride in extreme weather (winter time, or in wet/muddy conditions) and rough terrain conditions.
- ➢ If you believe that your suspension system performance has changed or handles differently, immediately contact your local dealer to inspect your fork.
- After every ride: Clean the fork stanchion tubes and dust seals and maintain with an oily cloth. Check stanchion tubes for dents, scratches or other discoloration or leaking oil.
- Every 50 hours: Maintenance 1 (at dealer)
- Every 100 hours or once a year: Maintenance 2 (at dealer, ideally before winter time in order to protect all parts from the effects of weather by proper greasing)

MAINTENANCE 1:

Check function of fork / check torques of mountings screws and nuts on bottom of lowers (suggested tightening torque: bolt: 10Nm, nut: 8Nm) / check for scratches, dents, cracks, discoloration, signs of wear and signs of minor corrosion (maintain with oily cloth), or oil leaks.

MAINTENANCE 2:

Maintenance 1 + disassembly / cleaning the entire fork inside and out / cleaning and lubricating dust seals and slider sleeves / checking torques / adjusting to the riders liking.

Before disassembly, check the slider sleeve play of the fork. To do so, apply the front wheel brake and gently push the bicycle back and forth at the handlebar stem shaft. Replace the slider sleeves if the play is excessive (more than 1 mm at the fork brace).

INTENDED USE

| | ı | 1 | 1 | ı | ı | 1 | | | ı | 1 0 | |
|-----------------------------|---|---------------------------------------|---|---|---|---|---------------|---|--|---|--|
| | Pedal assist E-bike (speed pedalec: E45) | Pedal assist E-bike (pedalec: E25) | Pedal assist E-bike (pedalec: E25): off-road | Cross bike | Trekking bike | City bike | Downhill bike | Enduro bike | All moutain bike | Cross country racing bike | Cross country bike |
| | assi | assi | assi E2 | ssc | kin | 7 ₹ | ihri | luro |) out | <u> </u> | ino: |
| | a a | al 3 | al a | ž | rek | Ö | NO. | pu | Ĕ | l | SS C |
| | Ped | Ped | Ped | | - | | | _ | ₹ | l ss | Cro |
| | - <u>s</u> | | | | | | | | |) č | |
| | Warning | Warning | Warning | Warning | Warning | Warning | Warning | Warning | Warning | Warning | Warning |
| | | | | | | | USE ONLY FOR | | | | |
| | 45km/h for on-road or | bikes up to 25km/h for | Pedal assist bikes up to 25km/h for off-road use | | Paved road or casual off- road use | Paved road use | | Cross country, Trail and Enduro use | Cross country, Trail and All mountain use | Cross country racing and cross country use | Cross country use |
| | DO NOT USE | DO NOT USE | DO NOT USE | DO NOT USE | DO NOT USE | DO NOT USE | Downhill | DO NOT USE | DO NOT USE | DO NOT USE | DO NOT USE |
| | , | FOR Downhill, Enduro | FOR Downhill | FOR Downhill, Enduro, All mountain, Cross country racing, Cross country | FOR Downhill, Enduro, All mountain, Cross country racing, Cross country | FOR Downhill, Enduro, All mountain, Cross country racing, Cross country | | FOR Downhill | FOR Downhill | FOR Downhill, Enduro, All mountain | FOR Downhill, Enduro, All mountain, Cross country racing |
| MOBIE45 | 0 | 0 | | 0 | | | | | | | |
| MOBIE25 | | 0 | | 0 | | | | | | ļ | |
| MOBIE-A32 | | 0 | | 0 | | | | | | | |
| XCM-ATB XCT-ATB | | 0 | | 0 | | | | | | | |
| NEX-E25 | | 0 | | 0 | | | | | | | |
| CR85-E25 | | 0 | | 0 | | | | | | | |
| NVX-HE-E25 | | 0 | | 0 | | | | | | | |
| NRX | | 0 | | 0 | | | | | | | |
| NVX | | | | 0 | | | | | | | |
| NCX | | 0 | | 0 | 0 | | | | | | |
| TR-HSi | | 0 | | 0 | 0 | | | | | | |
| NEX | | | | 0 | 0 | | | | | | |
| M3010 | | | | | 0 | 0 | | | | | 0 |
| M3010 24"/20" | | | | | | 0 | | | | | 0 |
| CR9 CR8 | | | | | 0 | 0 | | | | | |
| CR7 | | | | | | 0 | | | | | |
| RUX38 | | | | | | | 0 | | | | |
| DUROLUX36 | | | 0 | | | | | 0 | | | |
| BOOST AURON35 BOOST | | | | | | | | | | | |
| AURON35 BOOST | | | 0 | | | | | | 0 | | |
| AION35 BOOST | | | 0 | | | | | | 0 | | |
| AION34 | | | | | | | | | 0 | | |
| ZERON35 BOOST | | | 0 | | | | | | 0 | | |
| AXON34 werx | | | | | | | | | | 0 | |
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| AXON32 werxF AXON32 werx | | | | | | | | | | 0 | |
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| AXON32 | | | | | | | | | | <u> </u> | 0 |
| EPIXON9 | | | | | | | | | | | 0 |
| RAIDON34 BOOST | | | 0 | | | | | | | | 0 |
| RAIDON32 BOOST | | | | | | | | | | | 0 |
| RAIDON32 | | | | | | | | | | | 0 |
| XCR34 BOOST | | 0 | 0 | | | | | | | | 0 |
| XCR32 BOOST | | | | | | | | | | | 0 |
| XCR32 XCR24" | | | | | | | | | | | 0 |
| XCM34 BOOST | | 0 | 0 | | | | | | | | 0 |
| XCM32 BOOST | | | l – | | | | | | | | 0 |
| хсм | | | | | | | | | | | 0 |
| XCM28 24"+ | | | | | 0 | | | | | | 0 |
| хст30 | | | | | 0 | | | | | | 0 |
| XCT JR L | | | | | 0 | | | | | | 0 |
| XCT JR | | | | | 0 | | | | | | 0 |
| XCE28 | | | | | 0 | | | | l | <u> </u> | 0 |

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