

ENGLISH

X-1 *SERIES*



SR SUNTOUR 

CONTENT

2K25 HIGHLIGHTS / TECHNOLOGY & FEATURES

X-1		
<u>KEY SPECIFICATIONS</u>		04
<u>THRU AXLE INSTALLATION</u>		05
<u>TERMS AND SETUP</u>		07
<u>SAG AND AIR PRESSURE SETTING</u>		08
<u>REBOUND SETTING</u>		09
<u>AIR VOLUME SETTING</u>		10
<u>COMPRESSION ADJUSTMENT</u>		12
<u>QUICK SERVICE PORTS (QSP)</u>		13
<u>SERVICE INTERVALS</u>		14
<u>GUIDE SERVICES</u>		15
<u>GUIDES DISCLAIMER /SAFETY</u>		15
<u>LOWER LEGS SERVICE</u>		16
<u>AIR CHAMBER SERVICE</u>		24
<u>TRAVEL CONVERSION</u>		32
<u>MAIN SPRING REPLACEMENT</u>		40
<u>CARTRIDGE REPLACEMENT</u>		45
<u>SOCIAL MEDIA / GLOBAL CONTACTS</u>		51

WARNING

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.

IMPORTANT SAFETY INFORMATION

- 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.

WARNING

- 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 in a failure of the suspension fork or frame could result in 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.

BEFORE EVERY 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.



X-1 X-1 BOOST

 27.5"	 100/120	 180mm MAX DISC	STANCHION: 32	BOOST
 29"	 80/100/120	 180mm MAX DISC	STANCHION: 32	BOOST

MODEL	X-1/X-1 BOOST
INTENDED USE	MTB Trail/Xc
TRAVEL	80,100,120mm
WHEEL SIZE	29"x2.4", 27.5"x2.6"
SPRING	AIR/COIL
CARTRIDGE	RLR/LOR/RL/LO
BOTTOM CASE	MAGNESIUM
AXLE TYPE	15AH4-110, OPTION 15LH-110
FEATURES	LONG FENDER MOUNT, DETACHABLE INTEGRATED SHORT FENDER

THRU AXLE INSTALLATION

15AH4 BOLTED THRU AXLE ASSEMBLY

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 6mm Allen wrench by the suggested tightening torque of 8-10 Nm.



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

THRU AXLE REMOVAL



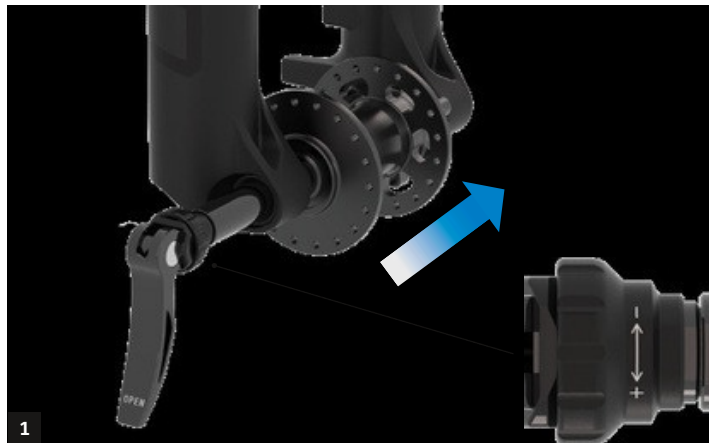
1 Loosen the axle on the drive side with a 6mm.



2 Pull out the axle.

THRU AXLE INSTALLATION

LH THRU AXLE ASSEMBLY



1 After turning the adjust nut towards "+" direction until it stops, put the wheel in the fork and insert the axle with the lever in the open position.



2 Turn the lever clockwise to tighten the axle until it stops. Do not turn with a torque greater than 10 Nm.



3 Move the lever counter clockwise so that it points at the ground. Loosen the adjust nut towards "-" direction until the lever starts to get tight at the half-way point. Suggested tightening force: 80-120N.



4 Close the lever all the way. It should leave an impression in the palm of the hand. "Close" should face towards outside as shown in 4.

THRU AXLE REMOVAL

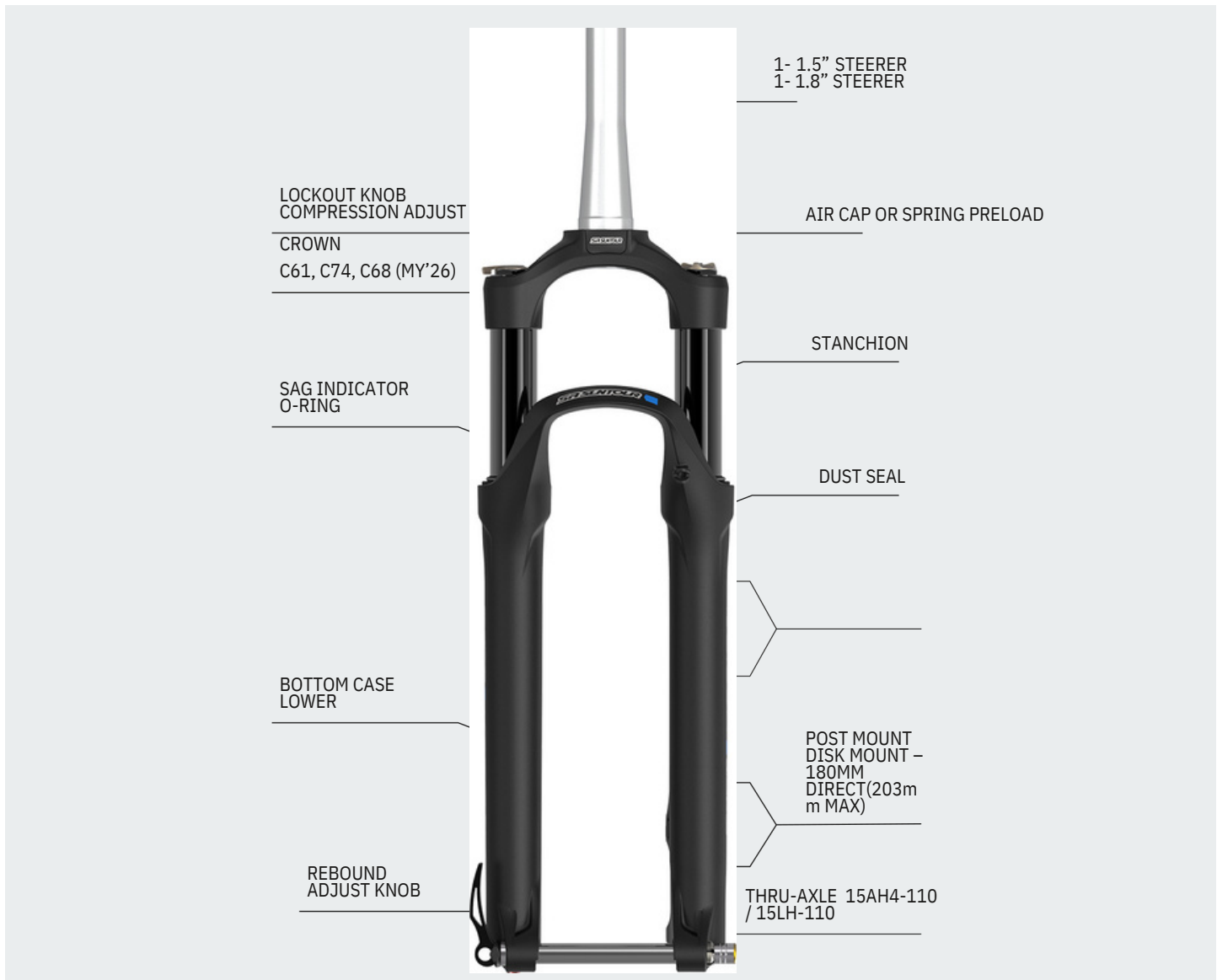


1 Open the lever. Turn the axle counter clockwise.



2 Remove the axle from the fork.

TERMS AND SETUP



TOOLS NEEDED FOR THE ADJUSTMENT SETUP

- High pressure shock pump (up to 300psi)
- 27mm socket (item code ZFC160-R)
- Tape measure or caliper (for setting the SAG)
- Protective gloves and eyewear

BEFORE ADJUSTING YOUR FORK

The following setting recommendations have to be considered as starting points. After a few rides and once you get used to your fork, you might need to adjust it again so you feel even more comfortable and secure. Adjustments also depend on your riding style and the type of bike you use.

SAG / AIR PRESSURE SETTING

SAG is the amount of compression that the fork stanchion pushes down into the fork lower under body weight in the normal riding position and gear.

This is easily identified and measurable by how high the SAG indicator O-Ring (blue) sits above the fork's stanchion seal after the fork is air pressured to the appropriate Air pressure per rider's weight. See chart below for the recommended air pressure settings.



PER FORK STOCK TRAVEL	SAG MIN.-MAX. (mm)
80mm	15-30mm(15-30%)
100mm	16.5-33mm(15-30%)
120mm	18-36mm(15-30%)

RIDER WEIGHT (KG)	(lbs)	RECOMMENDED AIR PRESSURE
< 55 kg	< 121 lbs	50 - 70 psi
55 - 65 kg	121 - 143 lbs	70 - 80 psi
65 - 75 kg	143 - 165 lbs	80 - 90 psi
75 - 85 kg	165 - 187 lbs	90 - 100 psi
85 - 95 kg	187 - 209 lbs	100 - 125 psi
95 < kg	209 < lbs	125+ psi
PRESSURE (FACTORY SETTING)		125 psi
MAX. PRESSURE		145 psi

⚠ WARNING

Do **not exceed** max air pressure of 145Psi. Failure to comply with these instructions may cause serious damage to your product, injury or even death.

REBOUND SETTING

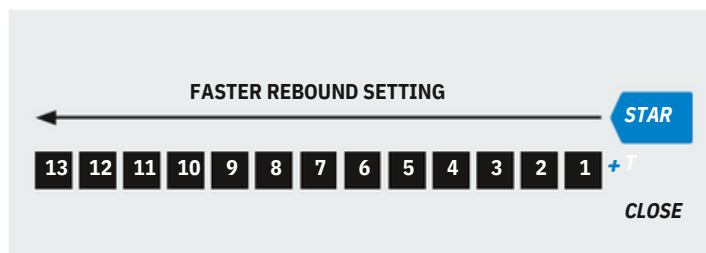


Rebound controls the speed of the fork extension after compression. Always start the rebound setting process with the rebound knob (located bottom of the drive-side of the fork) in closed position by turning the adjuster knob all the way to the end of the clock-wise position (+).

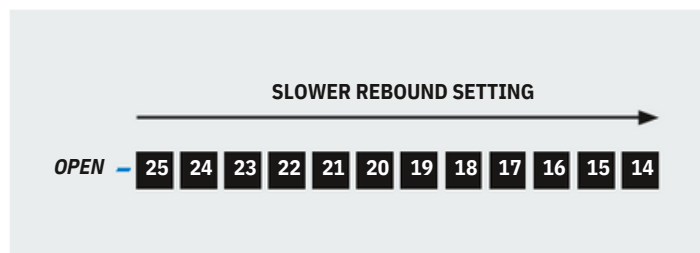
TO OPEN THE LOW-SPEED REBOUND

Turn the knob counter-clockwise toward the (-) to open the low-speed rebound. Each click allows the fork rebound faster per progression.

Note: Rebound tuning is relative to air pressure setting. Higher pressure should tune toward closed(+) setting. Lower pressure, in contrast, should set toward faster open setting (-).



For faster rebound, the counter clock-wise tuning should allow rider to stay leveled through fast and continuous bumps, causing compression to sink from mid to end of the stroke, thus increase chances of bottoming out and harsh impact and lost of traction.



For slower rebound, the clock-wise tuning should allow rider to skip over rougher terrain at slower speeds. Eliminating sharper feedback and gaining control in technical routes and jumps.

COMPRESSION ADJUSTMENT

RLR

Compression open mode: Turn the right-side adjuster knob counter-clockwise towards the “OPEN” direction.

Result: The fork is set to provide a supple feel with the full travel capacity.

Compression medium mode: Turn the right-side adjuster knob clockwise toward the “Firm” direction.

Result: The fork is set to provide maximum support in the uphill and flat sections. Do not use this mode in the descents.



LOR

Compression mode: Remote actuated 2 step (firm, open) low speed compression adjustment.

Extra : Ergonomic design remote lock lever for faster and easier operation



RL

Compression mode: Remote actuated 2 step (firm, open) low speed compression adjustment.

Extra : Ergonomic design remote lock lever for faster and easier operation

LO

Compression mode: Remote actuated 2 step (firm, open) low speed compression adjustment.

Extra : Ergonomic design remote lock lever for faster and easier operation

SERVICE INTERVALS GUIDE

Service intervals guide are provided to allow our customer to keep his product running in the best possible way.

Following this protocol assure customer to keep SR SUNTOUR product as good as new.

After every ride: Clean stanchions and dust wipers with light soapy water and wipe dry. Check the stanchion tubes for dents, scratches or other discoloration.

Before each ride: Check your SAG and adjust the pressure if necessary. Check the damper adjustments (compression/lockout and/or rebound)

Every 50 hours: Maintenance 1 (at the dealer)

Every 100 hours or once a year: Maintenance 2 (at the dealer, ideally before winter time in order to protect all parts from the effects of weather by proper greasing).

RECOMMENDED SERVICE ITEMS	AFTER EACH RIDE	AFTER 25 HOURS	AFTER 50 HOURS OR 6 MONTHS	AFTER 100 HOURS OR 12 MONTHS
Clean stanchion tubes and dust seals with soapy water and rinse with clear water	•			
Inspect stanchion tubes for wear	•			
Check fixing bolts and quick release for proper torque	•			
Clean fork with light soapy water and wipe dry	•			
Check air pressure and SAG		•		
Remove the quick release, check for deep marks in the fork dropouts		•		
Lower legs service			•	•
Air chamber service				•

SERVICE GUIDES

All the information you need to keep your Sr Suntour product working perfectly.

WARNING

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.

IMPORTANT SAFETY INFORMATION

- 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 be 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.

WARNING

- 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 for which does not match the geometry of your frame could result into a failure of the suspension fork or 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.

BEFORE EVERY 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.

LOWER LEGS SERVICE

REQUIRED TOOLS & SUPPLIES:

- Ratchet wrench
- 8mm allen key
- 5mm allen key
- 3mm allen key
- Torque wrench (5-12N.m)
- Plastic mallet
- Rag or workshop towel
- Downhill tyre removal tool
- Dust seal installer 34mm (Sr Suntour fork Toolbox)
- SR SUNTOUR “Low friction” grease or suspension grease without lithium
- Brush
- lower legs service kit : FKA122-02



⚠ WARNING

Do not attempt this intervention without the proper tool, you may damage your Sr Suntour product

⚠ WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

LOWER LEGS SERVICE

STEP 1

If your fork do not have rebound setting start at step 3.
On the damper side, pull off the rebound adjuster knob to
remove it, then set it aside.



STEP 2

Using an 8mm Allen key, turn the exposed bolt
counterclockwise 2 turns to loosen it.



Use a mallet to strike the bolt 2-3 times. Check to
ensure the bolt is in contact with the leg. Remove
the bolt and set it aside.



LOWER LEGS SERVICE

STEP 3-A Air spring

On air side (both side if you have no rebound setting), use a 5mm allen key, turning it counterclockwise 3-4 turns to loosen the bolt. Use a mallet to strike the bolt 2-3 times. Push on the nut to check if it move, if not, strike again.



Remove the nut and set it aside. Pull on the lower legs to remove them, and set them aside. Check bolt and washer for damage, if damaged replace.



STEP 3-B Coil spring

On spring side, use a 10mm socket, turning it counterclockwise 3-4 turns to loosen the bolt. Use a mallet to strike the bolt 2-3 times. Push on the nut to check if it move, if not, strike again.



Remove the nut and set it aside. Pull on the lower legs to remove them, and set them aside. Check bolt and washer for damage, if damaged replace.



LOWER LEGS SERVICE

STEP 4A – NEW DUST SEAL / PLASTIC SLEEVES

With tyre removal tool, make lever to remove dust seal from the fork lower.



With tyre removal tool, put it on the side, insert it 5cm inside the lower, push against the side then make a 90° rotation to un-clip the sleeve.



With tyre removal tool, when the sleeve is un-clip, you can pull it out of the lower.



Pull the sleeve completely out by hand, clean inside the lower with a towel and isopropyl alcohol.



LOWER LEGS SERVICE

STEP 4A – NEW DUST SEAL / PLASTIC SLEEVES

Take the new sleeve, grease them with low friction grease.



Take the lower, you need to see the dust seal side. Take the sleeves, you need to see the clip when you insert them in the lower.



Push on the sleeve until you heard the clip noise.



Take the new dust seal, remove the coil spring.



LOWER LEGS SERVICE

STEP 4A – NEW DUST SEAL / PLASTIC SLEEVES

Use the dedicated dust seal install tool, with a mallet, install the dust seal.



Dust seal need to seat perfectly flat and align with the lower.



Grease the dust seal with low friction grease.



Put back in place spring on the dust seal.



LOWER LEGS SERVICE

STEP 4B – NEW DUST SEAL

Remove the dust seals using a DH tire removal tool. If using a wrench, use caution not to damage the inside of the lowers.
Repeat the process for the other side.



Use a workshop towel to clean the inner walls of the lower legs.



Place the new dust seal onto the dedicated installation tool and press the seal by hand into the fork lowers.

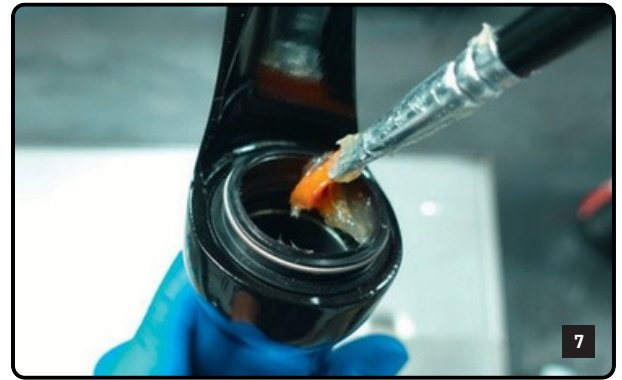


Hold the lower legs with one hand and finish the installation by tapping the installation tool with a plastic mallet. Once you hear a change in the tapping sound, remove the tool and check that the seal edge is flush with the lower leg. If necessary, repeat the process until the seal is flush with the lower leg.



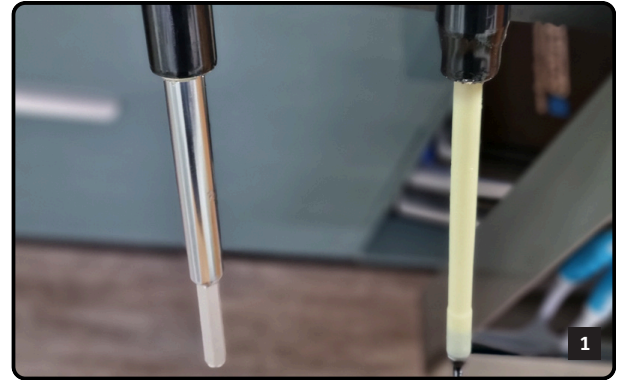
LOWER LEGS SERVICE

Grease the bushings and dust seals using the dedicated SR SUNTOUR “Low-Friction” grease.



STEP 5

Clean the stanchions. Fully extend the damper cartridge and install the lower legs.



STEP 6A-WITH REBOUND

First thread the bolt in by hand then use an 8mm Allen key to tighten the bolt to 12Nm.



Use an 8mm Allen key to tighten the bolt to 12Nm.



LOWER LEGS SERVICE

Use a 3mm Allen key to set the rebound to fully-open (turning it counterclockwise) then close it by 1-2 turns (turning it clockwise).



Put back the rebound knob in place, check if it work.



STEP 6B-WITHOUT REBOUND

Install both the washer and bolt.
Tighten them by hand.



Use a torque wrench with 5mm allen key socket and tighten to 8Nm.



LOWER LEGS SERVICE

STEP 7A-AIR SIDE

Install both the washer and bolt.
Tighten them by hand.



Use a torque wrench with 5mm
allen key socket and tighten to
8Nm.



STEP 7B-SPRING SIDE

Install both the washer and bolt.
Tighten them by hand.



Use a torque wrench with 10mm
socket and tighten to 8Nm.



AIR CHAMBER SERVICE

REQUIRED TOOLS & SUPPLIES:

- Ratchet wrench
- 27mm socket (ZFC160-R)
- Torque wrench (2-20N.m)
- O-ring removal tool
- Air chamber oil 15W50 synthetic oil
- Rag or workshop towel
- SR SUNTOUR “Low friction” grease or suspension without lithium
- Brush
- High pressure pump (Shock pump)
- Air cartridge :

WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

WARNING

Do not attempt this intervention without the proper tool, you may damage your Sr Suntour product

AIR CHAMBER SERVICE

STEP 1

Remove the air cap.



STEP 2

Use the dedicated FAA122 tool and un-tighten the air cap assembly.

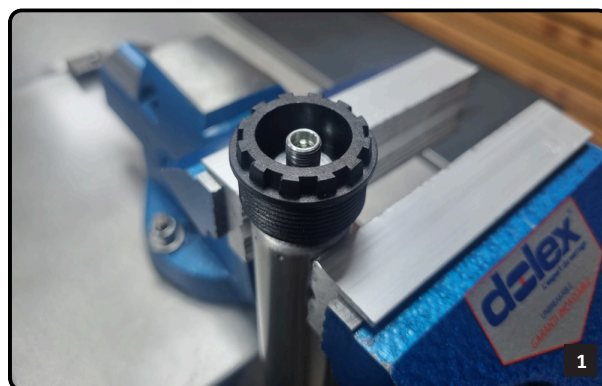


Carefully remove the air cartridge from the stanchion.



STEP 3

Pull the air cartridge in a vice with soft jaw, be carefull to tighten it just under the top cap.



AIR CHAMBER SERVICE

STEP 4

Use a FAA122 tool to untighten air top cap from air cartridge.



STEP 5

Remove air top cap.



STEP 6

Put the new air cartridge in place in the vice, then start threadening the air top cap.



Use a FAA122 tool to tighten air top cap completely.



AIR CHAMBER SERVICE

STEP 7

Put back air cartridge in the fork. With a FAA122 tool, tighten the air top cap completely.



STEP 8

Check the pressure inside the air cartridge then put back the air cap.



TRAVEL CONVERSION

REQUIRED TOOLS & SUPPLIES:

- 27mm socket (ZFC160-R)
- Ratchet wrench
- Torque wrench
- Plastic mallet
- O-ring removal tool
- Air chamber oil , 15W50 synthetic oil
- SR SUNTOUR “Low-Friction” grease or suspension grease without lithium
- Brush
- Rag or workshop towel
- Air cartridge :

WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

WARNING

Do not attempt this intervention without the proper tool, you may damage your Sr Suntour product

TRAVEL CONVERSION

STEP 1

Remove the air cap and depressurize the air chamber.



STEP 2

Use the dedicated 27mm socket and a ratchet to unscrew the air cap assembly.



Carefully remove the air cap assembly from the stanchion.



STEP 3

Pull the top cap and the air chamber assembly out of the stanchion. You can help movement by pushing on the air shaft.



TRAVEL CONVERSION

STEP 4

Pull the top cap and the air chamber assembly out of the stanchion. You can help movement by pushing on the air shaft.



STEP 5

Pull out the complete air cartridge



STEP 6

Pull off the air cap from the air cartridge.



Push on the shaft, air piston will get out, some oil may flow from the air cartridge. Negative spring will appear too.



TRAVEL CONVERSION

STEP 7

Separate air piston from negative spring (no mechanical link). Put all the parts apart. With a workshop towel and isopropyl alcohol, clean the inside of the air cartridge.



STEP 8

On top cap, remove both o-ring with a pick and then, clean with a workshop towel and isopropyl alcohol.



MAIN SPRING REPLACEMENT

REQUIRED TOOLS & SUPPLIES:

- Sr Suntour Key FAA122
- Flat screwdriver
- Sr Suntour low friction grease
- Rag or workshop towel

⚠ WARNING

Do not attempt this intervention without the proper tool, you may damage your Sr Suntour product

⚠ WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

STEP 1

With an Sr Suntour FAA122 key, untighten the preload cap and remove it.



MAIN SPRING REPLACEMENT

STEP 2

Push the negative spring shaft, main spring will be pushed out on top, grab it and pull it off.



STEP 3

Put the upper fork upside down, negative spring shaft will slide out of the stanchion, grab it and take it off.



STEP 4

Clean main spring and negative spring shaft with a towel and isopropyl alcohol. Check them, if parts are damaged, replace them.



MAIN SPRING REPLACEMENT

STEP 6

With a flat screwdriver, remove each top parts of the main spring.



STEP 7

Now both ends part has been remove, with the flat screwdriver, push the bumper located inside the main spring.



MAIN SPRING REPLACEMENT

STEP 8

Pull bumper out of the main spring. Then, grease it with Sr Suntour low friction grease.



STEP 9

Put bumper in place in the new main spring.



MAIN SPRING REPLACEMENT

STEP 10

Now Take both ends part of main spring, put them back in place by clipping them on the spring. Be sure that end cap is fully clip.



STEP 11

Grease the negative shaft assembly with Sr Suntour Low friction grease, put it in place by pushing it inside the stanchion.



MAIN SPRING REPLACEMENT

STEP 12

Negative shaft assembly may not get out of the stanchion directly. In this case, softly hit the stanchion with your hand, this will get the shaft out.



STEP 13

Grease the main spring with Sr Suntour Low friction grease, insert it in the fork stanchion.



MAIN SPRING REPLACEMENT

STEP 14

Put top cap on top of the main spring, push on it and turn clockwise to tighten it in the upper of the fork. Use the Sr Suntour FAA122 tool to tighten it completely.



STEP 15

Follow instruction of the “lower legs service” parts of this document to finish.

CARTRIDGE REPLACEMENT

REQUIRED TOOLS & SUPPLIES:

- 27mm socket (ZFC160-R)
- Ratchet wrench
- 8mm allen key
- 5mm allen key
- Torque wrench (8-20N.m)
- Flat screwdriver or pick
- Plastic mallet
- Rag or workshop towel
- Plastic tyre lever

⚠ WARNING

Do not attempt this intervention without the proper tool, you may damage your Sr Suntour product

⚠ WARNING

Always wear safety glasses and protective gloves during the maintenance of SR SUNTOUR products.

STEP 1

On the damper side, pull off the rebound adjuster knob to remove it, then set it aside.



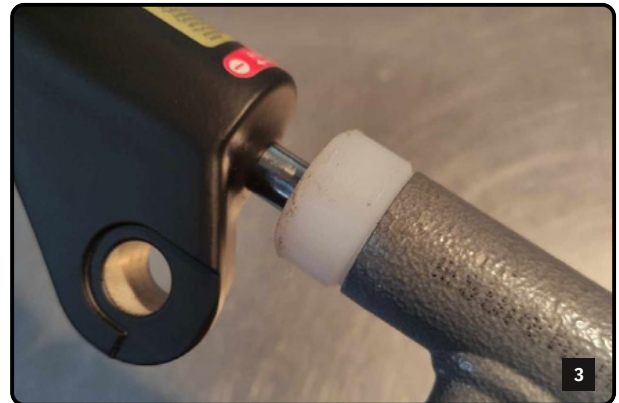
STEP 2

Using an 8mm Allen key, turn the exposed bolt counterclockwise 2 turns to loosen it.



CARTRIDGE REPLACEMENT

Use a mallet to strike the bolt 2-3 times. Check to ensure the bolt is in contact with the leg. Remove the bolt and set it aside.



STEP 3

Use your thumb or a plastic tyre lever, push to lift knob and pull it out.



STEP 4

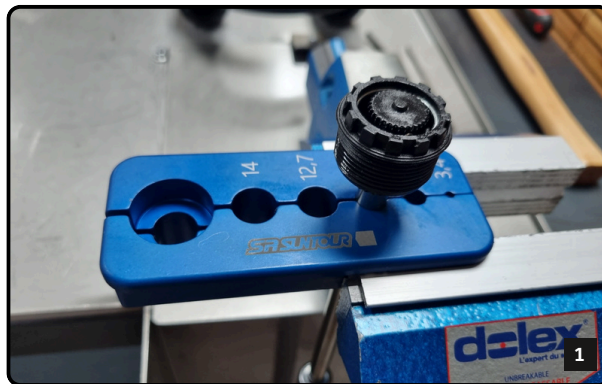
Use the dedicated FAA122 tool to untighten the cartridge.



CARTRIDGE REPLACEMENT

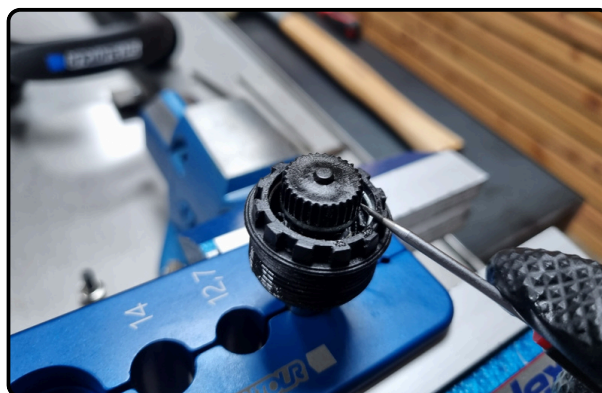
STEP 5

Now pull and remove the cartridge from the fork, install it in a 10mm soft clamp, clamp it just under the head.



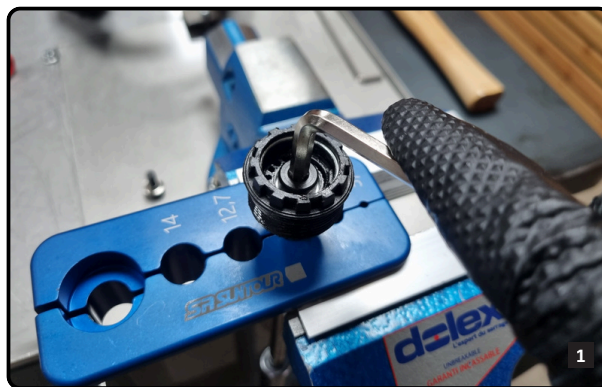
STEP 6

With a flat screwdriver, make lever to remove internal lock link.



STEP 8

With a 5mm allen key, un-tighten the top cap fixing bolt.



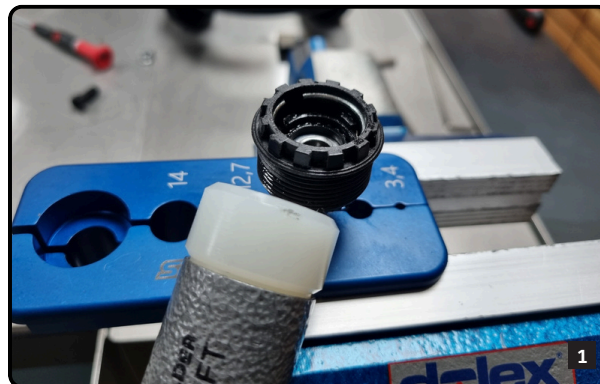
Remove the fixing bolt from the top cap.



CARTRIDGE REPLACEMENT

STEP 9

With a mallet, hit the top cap softly from bellow.



Remove top cap. Remove cartridge from the clamp and clamp the new cartridge in the same way.



STEP 10

With a 5mm allen key, tighten the top cap bolt, torque it at 8N.m.



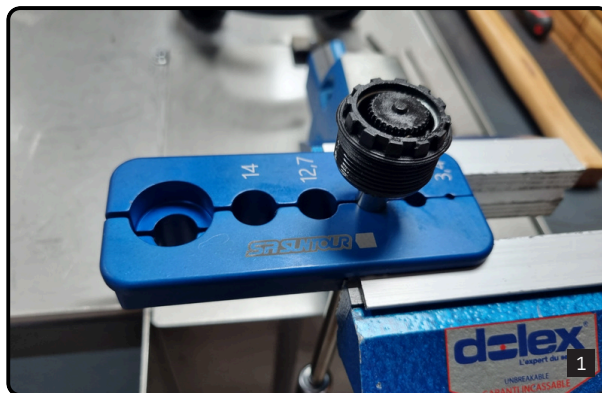
Insert a 4mm allen key in the middle of the top cap bolt, turn clockwise to put in lock position.



CARTRIDGE REPLACEMENT

STEP 11

Put the lock link in place in top cap.



Put back the cartridge in the fork, with the FAA122 tool, tighten it completely.



STEP 12

Put back the lock knob in place in lock position then set it in open position.



CARTRIDGE REPLACEMENT

STEP 15

Make sure the damper cartridge shaft is aligned with the lower leg hole. If not, use a 3mm Allen key to center the shaft.



STEP 16A-With rebound knob

First thread the bolt in by hand.



Use an 8mm Allen key to tighten the bolt to 12Nm.



CARTRIDGE REPLACEMENT

STEP 16B-Without rebound knob

Install both the washer and bolt.
Tighten them by hand.



Use a torque wrench with 5mm allen key socket and tighten to 8Nm.



STEP 17

Use a 3mm Allen key to set the rebound to fully-open (turning it counterclockwise) then close it by 1-2 turns (turning it clockwise).



Remove the Allen key and reinstall the rebound adjuster knob by pressing it into the bolt.



REFINED SIMPLICITY

SR SUNTOUR is a Japanese owned bicycle components suspension and drive train products for the widest range manufacturer, operating factories in Taiwan, China, and of people, from World Cup podiums, urban mobility to a Vietnam, with R&D and service offices collaborating kid's first bike. Our goal is to be the industry leader in value globally for the success of one of the world's most performance, reliability, durability, and serviceability prominent bicycle suspension components manufacturer. following our guiding principle REFINED SIMPLICITY. With this global infrastructure we strive to create With roots tracing back to 1912, established 1988.

SOCIAL MEDIA / CONTACT



SOCIAL MEDIA
CLICK TO VISIT
SR SUNTOUR ONLINE



CONTACT
CLICK TO CONTACT OUR
WORLDWIDE DISTRIBUTORS



SR SUNTOUR CORPORATE

TAIWAN HEADQUARTER

SR SUNTOUR INC.
#7 Hsing Yeh Rd.,
Fu Hsing Industrial Zone, Chang Hua
Taiwan 506027
Tel. +886-4-7695115
Fax. +886-4-7694028
service@srsuntour.com.tw

JAPAN

SR SUNTOUR JAPAN
NR Bldg. 4F, 3-13-13
Kuramae, Taito-ku,
Tokyo 111-0051, Japan
Tel. +81-(0)3-5829-9211
Fax. +81-(0)3-5829-9241

BELGIUM (EU)

SR SUNTOUR EUROPE S.A.
Bld. Henri Rolin 5Bis
1410 Waterloo Belgium
Tel. +32-23544676
Fax. +32-23547835
Sales.sab@srsuntourcycling.com

CHINA (SHEN ZHEN) SR

SUNTOUR SHEN ZHEN CO. LTD
Suibei Industrial Zone, Suibei Rd.,
Gongming Town, Guangming
District, Shen Zhen, China Tel.

+86-755-27105433 Fax. +86-
755-27105633

CHINA (KUN SHAN) SR

SUNTOUR KUN SHAN
CO. LTD 1500 Honghu Rd., Peng
Lang, Kun Shan Development
Zone, Jiang Su Province, China Tel.
~~+86-512-5518-8088~~ Fax. ~~+86-
512-5517-1117~~

GERMANY (EU)

SR SUNTOUR EUROPE GMBH

Riedstrasse 31

83627 Warngau

Germany

Tel. +49-8021-50793-0

Fax. +49-8021-50793-29

service@srsuntour-cycling.com

GERMANY (EU)

SR SUNTOUR DÜSSELDORF GMBH

Fichtenstr. 115

40233 Düsseldorf

Germany

Tel. +49-2115-42689-50

Fax. +49-2115-42347-76

USA

SR SUNTOUR NORTH AMERICA

14511 NE 10th Avenue

Vancouver WA 98685

United States

Tel. 360-737-6450

service@srsuntourna.com

USA

SR SUNTOUR SERVICE CENTER

910 Watson Avenue

Madison WI 53713

United States

Tel. 608-229-6610

service@usulcorp.com

VIETNAM SR SUNTOUR

VIETNAM CO. LTD Lot. 17-8,

Street 3B, Protrade International

Tech Park, An Tay Commune, Ben

Cat Town, Binh Duong Province,

Vietnam. Tel. +84-(0)274-3721-

883 Tax Code: 3702401047

FRANCE (EU)

SR SUNTOUR FRANCE SAS

Alpespace

604 Voie Galilée,

73800 Sainte-Hélène-Du-Lac, France

Tel. +33-4-85-86-00-99

Fax. +33-4-79-28-69-71

sav@srsuntour-cycling.com

WWW.SRSUNTOUR.COM

Copyright © 2024 SR SUNTOUR inc. All rights reserved.
Specifications are subject to change for improvement
without notice.

