

2019-2020  
SEKTOR



# SRAM® LLC WARRANTY

## EXTENT OF LIMITED WARRANTY

Except as otherwise set forth herein, SRAM warrants its products to be free from defects in materials or workmanship for a period of two years after original purchase. This warranty only applies to the original owner and is not transferable. Claims under this warranty must be made through the retailer where the bicycle or the SRAM component was purchased. Original proof of purchase is required. Except as described herein, SRAM makes no other warranties, guaranties, or representations of any type (express or implied), and all warranties (including any implied warranties of reasonable care, merchantability, or fitness for a particular purpose) are hereby disclaimed.

## LOCAL LAW

This warranty statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state (USA), from province to province (Canada), and from country to country elsewhere in the world.

To the extent that this warranty statement is inconsistent with the local law, this warranty shall be deemed modified to be consistent with such law, under such local law, certain disclaimers and limitations of this warranty statement may apply to the customer. For example, some states in the United States of America, as well as some governments outside of the United States (including provinces in Canada) may:

- a. Preclude the disclaimers and limitations of this warranty statement from limiting the statutory rights of the consumer (e.g. United Kingdom).
- b. Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations.

## FOR AUSTRALIAN CUSTOMERS:

This SRAM limited warranty is provided in Australia by SRAM LLC, 1000 W. Fulton Market, 4th Floor, Chicago, IL, 60607, USA. To make a warranty claim please contact the retailer from whom you purchased this SRAM product. Alternatively, you may make a claim by contacting SRAM Australia, 6 Marco Court, Rowville 3178, Australia. For valid claims SRAM will, at its option, either repair or replace your SRAM product. Any expenses incurred in making the warranty claim are your responsibility. The benefits given by this warranty are additional to other rights and remedies that you may have under laws relating to our products. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## LIMITATIONS OF LIABILITY

To the extent allowed by local law, except for the obligations specifically set forth in this warranty statement, in no event shall SRAM or its third party suppliers be liable for direct, indirect, special, incidental, or consequential damages.

## LIMITATIONS OF WARRANTY

This warranty does not apply to products that have been incorrectly installed and/or adjusted according to the respective SRAM user manual. The SRAM user manuals can be found online at [sram.com](http://sram.com), [rockshox.com](http://rockshox.com), [avidbike.com](http://avidbike.com), [truvatv.com](http://truvatv.com), or [zipp.com](http://zipp.com).

This warranty does not apply to damage to the product caused by a crash, impact, abuse of the product, non-compliance with manufacturers specifications of usage or any other circumstances in which the product has been subjected to forces or loads beyond its design.

This warranty does not apply when the product has been modified, including, but not limited to any attempt to open or repair any electronic and electronic related components, including the motor, controller, battery packs, wiring harnesses, switches, and chargers.

This warranty does not apply when the serial number or production code has been deliberately altered, defaced or removed.

This warranty does not apply to normal wear and tear. Wear and tear parts are subject to damage as a result of normal use, failure to service according to SRAM recommendations and/or riding or installation in conditions or applications other than recommended.

## WEAR AND TEAR PARTS ARE IDENTIFIED AS:

- Dust seals
- Bushings
- Air sealing o-rings
- Glide rings
- Rubber moving parts
- Foam rings
- Rear shock mounting hardware and main seals
- Upper tubes (stanchions)
- Stripped threads/bolts (aluminium, titanium, magnesium or steel)
- Brake sleeves
- Brake pads
- Chains
- Sprockets
- Cassettes
- Shifter and brake cables (inner and outer)
- Handlebar grips
- Shifter grips
- Jockey wheels
- Disc brake rotors
- Wheel braking surfaces
- Bottomout pads
- Bearings
- Bearing races
- Pawls
- Transmission gears
- Spokes
- Free hubs
- Aero bar pads
- Corrosion
- Tools
- Motors
- Batteries

Notwithstanding anything else set forth herein, the battery pack and charger warranty does not include damage from power surges, use of improper charger, improper maintenance, or such other misuse.

This warranty shall not cover damages caused by the use of parts of different manufacturers.

This warranty shall not cover damages caused by the use of parts that are not compatible, suitable and/or authorised by SRAM for use with SRAM components.

This warranty shall not cover damages resulting from commercial (rental) use.



# **SAFETY FIRST!**

We care about YOU. Please, always wear your safety glasses and protective gloves when servicing RockShox® products.

Protect yourself! Wear your safety gear!

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## RockShox® Service

We recommend that you have your RockShox suspension serviced by a qualified bicycle mechanic. Servicing RockShox suspension requires knowledge of suspension components, as well as the use of specialized tools and lubricants/fluids. Failure to follow the procedures outlined in this service manual may cause damage to your component and void the warranty.

Visit [www.sram.com/service](http://www.sram.com/service) for the latest RockShox Spare Parts catalog and technical information. For order information, please contact your local SRAM® distributor or dealer.

Information contained in this publication is subject to change at any time without prior notice.

Your product's appearance may differ from the pictures contained in this publication.



For recycling and environmental compliance information, please visit [www.sram.com/company/environment](http://www.sram.com/company/environment).

## Part Preparation

Remove the component from the bicycle before service.

Disconnect and remove the remote cable or hydraulic hose from the fork or rear shock, if applicable. For additional information about RockShox remotes, user manuals are available at [www.sram.com/service](http://www.sram.com/service).

Clean the exterior of the product with mild soap and water to avoid contamination of internal sealing part surfaces.

## Service Procedures

The following procedures should be performed throughout service, unless otherwise specified.

Clean the part with RockShox Suspension Cleaner or isopropyl alcohol and a clean, lint-free shop towel. For hard to reach places (e.g. upper tube, lower leg), wrap a clean, lint-free shop towel around a non-metallic dowel to clean the inside.

Clean the sealing surface on the part and inspect it for scratches.



Replace the o-ring or seal with a new one from the service kit. Use your fingers or a pick to pierce and remove the old seal or o-ring.

Apply grease to the new seal or o-ring.

### NOTICE

Do not scratch any sealing surfaces when servicing the product. Scratches can cause leaks. Consult the spare parts catalog to replace the damaged part.



Use aluminum soft jaws when placing a part in a bench vise.

Tighten the part with a torque wrench to the torque value listed in the red bar. When using a crowfoot socket and torque wrench, install the crowfoot socket at 90 degrees to the torque wrench.



## Parts, Tools, and Supplies

### Parts

- RockShox® Sektor™ 200 Hour Service Kit

### Safety and Protection Supplies

- Apron
- Clean, lint-free shop towels
- Nitrile gloves
- Oil pan
- Safety glasses

### Lubricants and Fluids

- Liquid-O-Ring® PM600 grease
- RockShox 5wt suspension oil
- RockShox 15wt suspension oil
- RockShox Suspension Cleaner or isopropyl alcohol
- SRAM® Butter grease

### RockShox Tools

- RockShox Bleed Syringe
- [RockShox x Abbey Bike Tools™ Flangeless Dust Seal Installation Tool](#) or RockShox 32 mm Flangeless Dust Seal Installation Tool
- RockShox shock pump

### Bicycle Tools

- Bicycle work stand
- Downhill tire lever
- Shock pump

### Common Tools

- Hex bit sockets: 2, 2.5, 5 mm
- Hex wrenches: 2, 2.5, 5, 8, 10 mm
- Internal retaining ring pliers
- Long plastic or wooden dowel (≤ 25 mm diameter)
- Needle nose pliers
- Pick
- Rubber or plastic mallet
- Socket: [RockShox x Abbey Bike Tools 24 mm Top Cap Socket](#) or 24 mm
- Socket wrench
- Torque wrench

## SAFETY INSTRUCTIONS

Always wear safety glasses and nitrile gloves when working with suspension oil.

Place an oil pan on the floor underneath the area where you will be working on the suspension fork.

## Recommended Service Intervals

Regular service is required to keep your RockShox® product working at peak performance. Follow this maintenance schedule and install the service parts included in each service kit that corresponds with the Service Hours Interval recommendation below. For spare part kit contents and details, refer to the RockShox Spare Parts Catalog at [www.sram.com/service](http://www.sram.com/service).

Service Hours Interval	Maintenance	Benefit
Every ride	Clean dirt from upper tubes and wiper seals	Extends wiper seal lifespan
		Minimizes damage to upper tubes
		Minimizes lower leg contamination
Every 50 hours	Perform lower leg service	Restores small bump sensitivity
		Reduces friction
		Extends bushing lifespan
Every 200 hours	Perform damper and spring service	Extends suspension lifespan
		Restores small bump sensitivity
		Restores damping performance

## Record Your Settings

Use the table below to record your suspension settings to return your suspension to its pre-service settings. Record your service dates to track service intervals.

Service Hours Interval	Date of Service	Air Pressure	Rebound setting - Count the number of clicks while turning the rebound adjuster fully counter-clockwise.
50			
100			
150			
200			

## Torque Values

Part	Tool	Torque
Top caps	24 mm socket	12.4 N•m (110 in-lb)
Bottom bolts	5 mm hex bit socket	6.8 N•m (60 in-lb)
Bottomless Tokens™	8 mm hex and 24 mm socket	4 N•m (35 in-lb)
Set screw - remote cable stop collar (2019 RL R)	2 mm hex bit socket	0.25 - 0.60 N•m (2.2 - 5.3 in-lb)
Set screw - remote cable stop collar (2020 RL R)	2 mm hex bit socket	Finger Tight or 0.1-0.3 N•m (0.8-2.6 in-lb)
Retaining screw - compression knob and remote spool	2.5 mm hex bit socket	1.4 N•m (12 in-lb)

# Oil Volume and Lubricant

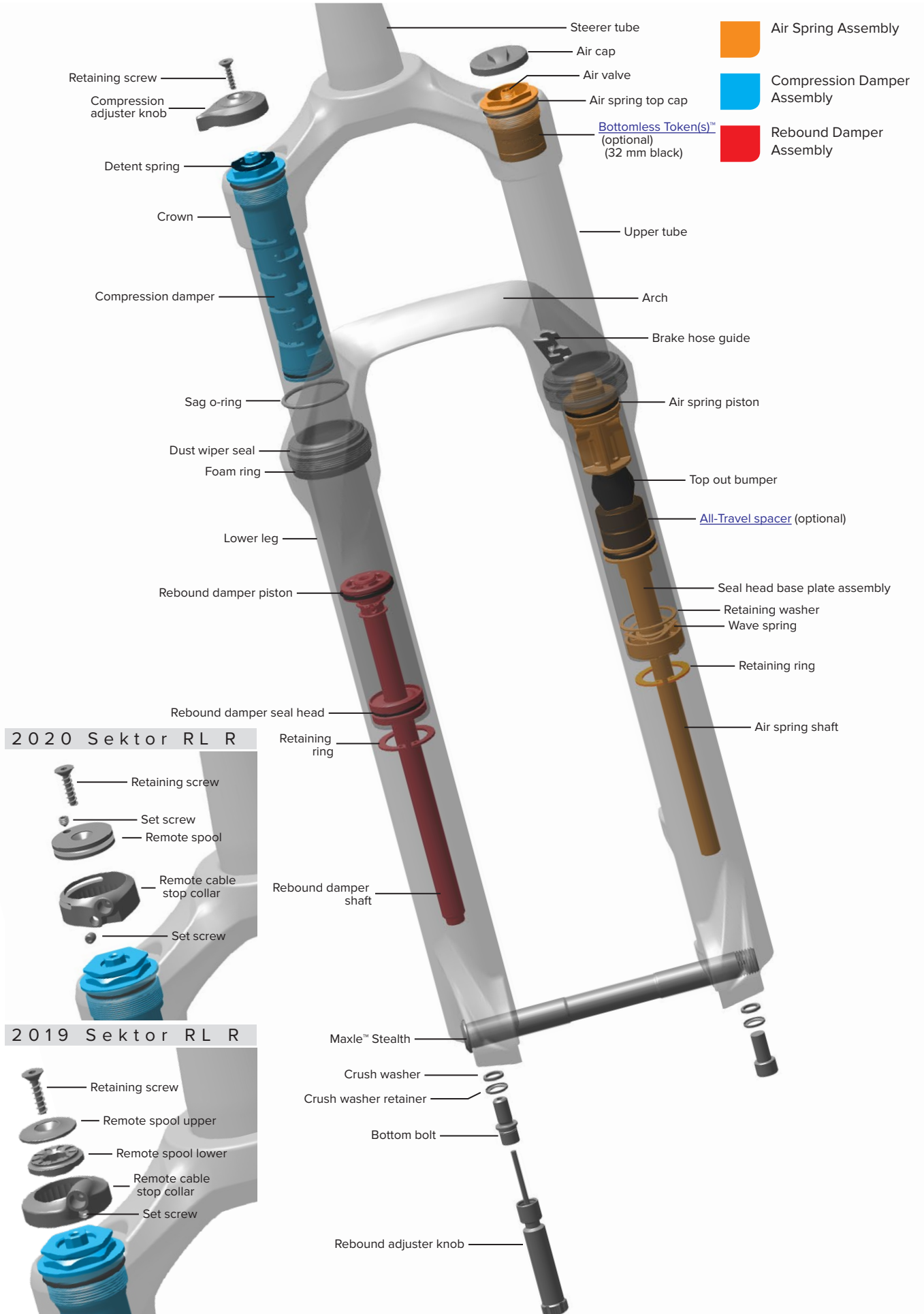
Model Year	Fork	Damper							Spring				
		Model	Damper	Upper Tube			Lower Leg		Spring	Upper Tube		Lower Leg	
				Oil Weight (wt)	Oil Height* (mm)	Volume (mL)	Oil Weight (wt)	Volume (mL)		Oil Weight (wt)	Volume (mL)	Oil Weight (wt)	Volume (mL)
2019 2020	Sektor™	RL — RL R'	Motion Control™	5	80-85	130	15	6	DebonAir™	5‡	2	15	6

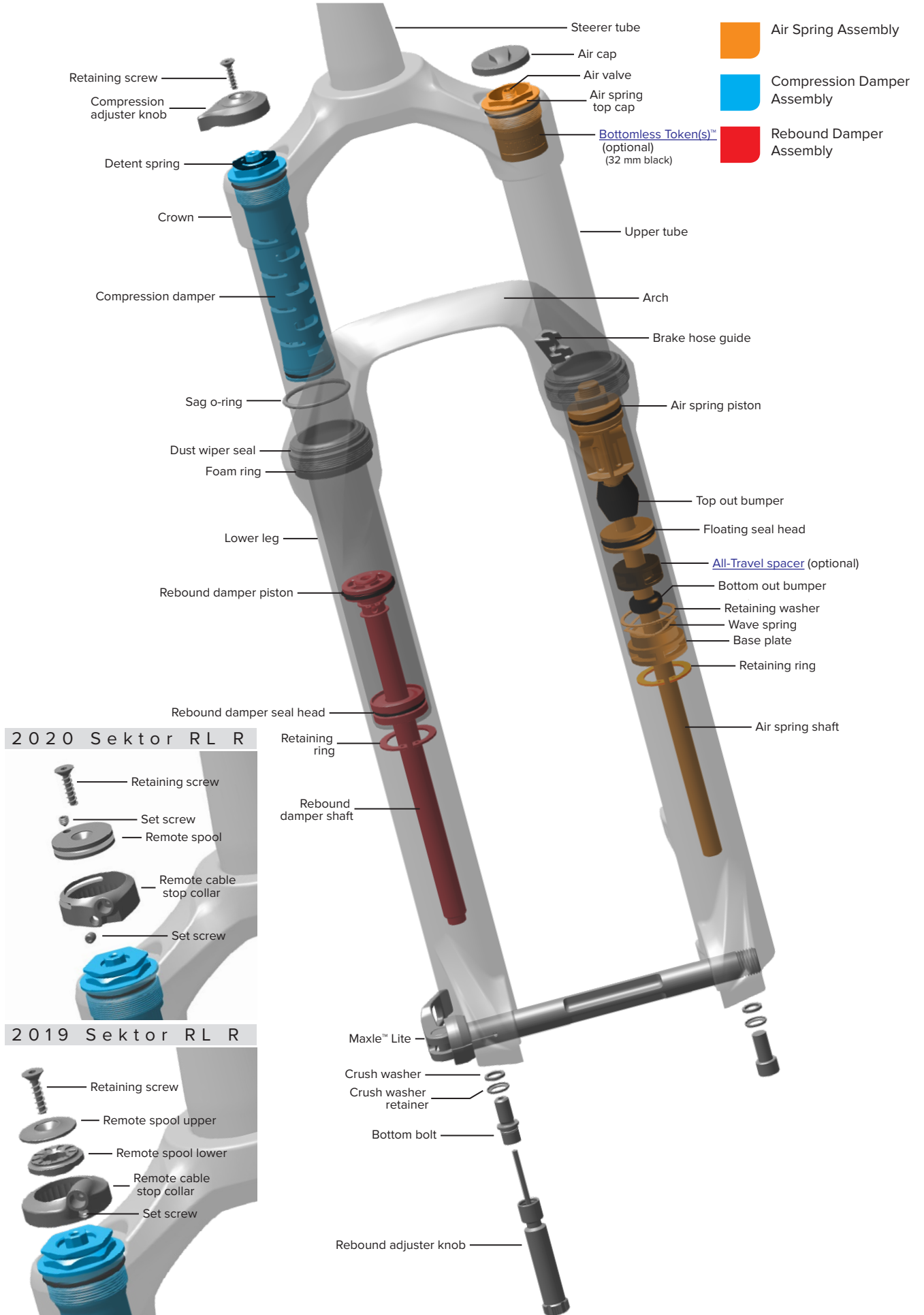
\*Oil Height - Measure from the top of the crown (above the upper tube) down to the oil.

†Remote Adjust

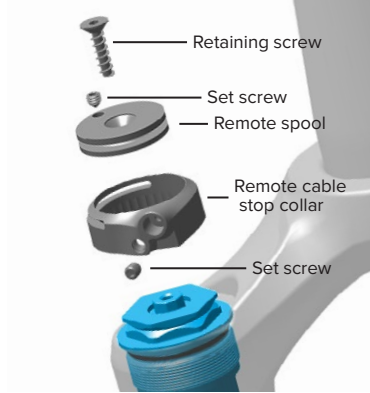
‡Apply grease (PM600 or SRAM® Butter) to the air piston in addition to suspension oil.



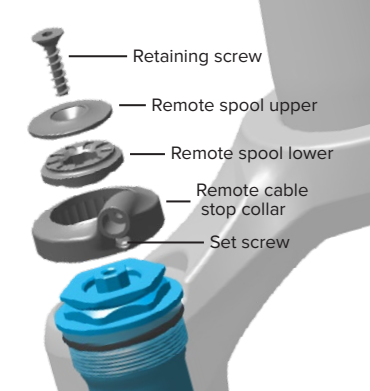




2020 Sektor RL R



2019 Sektor RL R



- 1 Remove the air valve cap.



- 2 Depress the Schrader valve and release all air pressure.

**⚠ CAUTION - EYE HAZARD**

Verify all pressure is removed from the fork before proceeding. Failure to do so can result in injury and/or damage to the fork. Wear safety glasses.



- 3 Turn the rebound adjuster knob counter-clockwise until it stops. This is the full open/fast rebound setting.  
Remove the rebound adjuster knob.



- 4 Place an oil pan beneath the fork to catch the draining oil.  
Loosen both bottom bolts 3 to 4 turns.



- 5** Insert a 5 mm hex wrench into the bolt head and strike the wrench to dislodge the shafts from the lower leg on each. The bolt head should contact the bottom of the lower leg.

Remove each bottom bolt. Clean each bolt and set them aside.



- 6** Firmly pull the lower leg downward until fluid begins to drain. Continue pulling downward to remove the lower leg.

*If the lower leg does not slide off of the upper tube or if oil does not drain from either side, the press fit of the shaft(s) into the lower leg may still be engaged. Reinstall the bottom bolts 2 to 3 turns and repeat the previous step.*

#### **NOTICE**

Do not strike the fork arch with any tool when removing the lower leg as this could damage the lower leg.



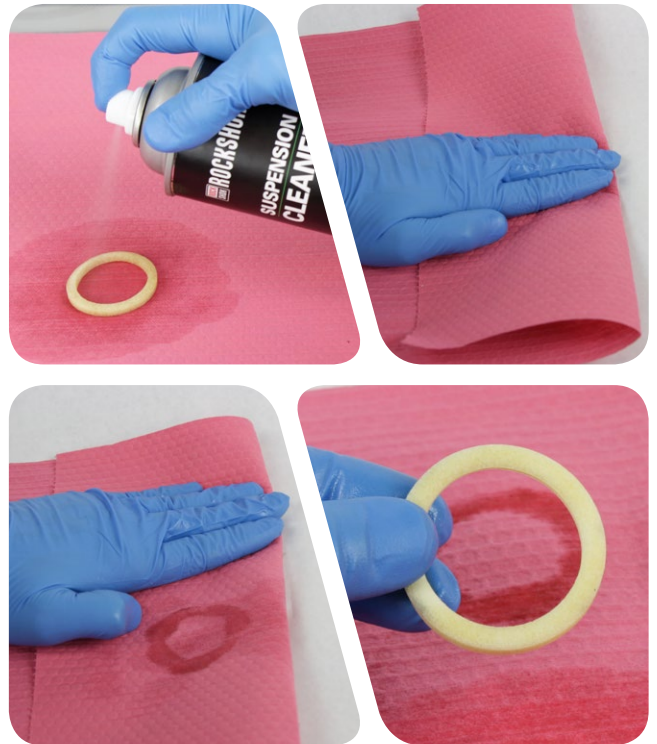
**50 Hour Service** Continue the 50 Hour Service with [Lower Leg Service](#).

**200 Hour Service** Continue the 200 Hour Service with [Lower Leg Seal Service](#).

- 1 Remove the foam rings.



- 2 Clean the foam rings.  
Replace the foam rings if worn, damaged, or excessively contaminated.



- 3** Clean the inside and outside of the lower leg.  
Clean the wiper seals.

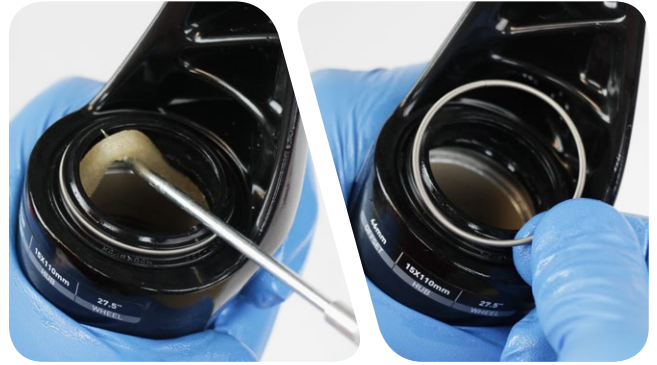


- 4** Install the dry foam rings under the wiper seals.  
Confirm the foam rings are installed evenly and square in the space under the wiper seals, and do not protrude out of the groove.



**50 Hour Service** Continue the 50 Hour Service with [Lower Leg Installation](#).

- 1 Remove and discard the foam rings.  
Remove the outer wire springs from the dust wiper seals.



- 2 Stabilize the lower leg on a bench top. Place the tip of a downhill tire lever under the wiper seal. Press down on the downhill tire lever handle to remove the seal.  
Repeat on the other side. Discard the wiper seals.

**NOTICE**

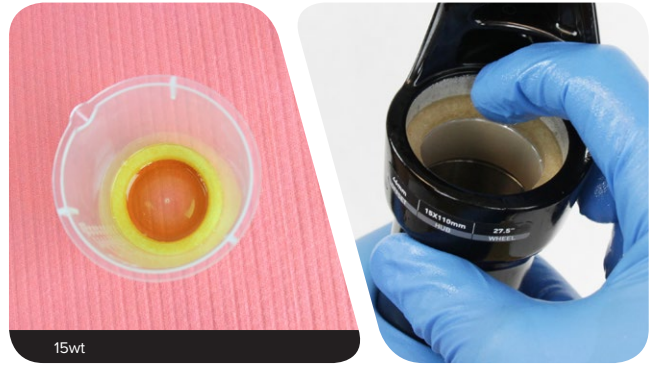
Keep the lower leg stable. Do not allow the lower leg to twist in opposite directions, compress toward each other, or be pulled apart. This will damage the lower leg.



- 3 Clean the inside and outside of the lower leg.



- 4** Soak new foam rings in RockShox® suspension oil.  
Install the new foam rings into the lower leg.



- 5** Remove the outer wire spring from each new dust wiper seal and set them aside.



- 6** Insert the narrow end of a new wiper seal into the recessed end of the 32 mm Flangeless Dust Seal Installation tool.

**NOTICE**

If the RockShox x Abbey Bike Tools™ installation tool is used, confirm the 32 mm installation puck is tightened hand tight on the installation tool handle to avoid damage to the installation puck during use.



Abbey Bike Tools Dust Seal Installation Tool



RockShox Flangeless Dust Seal Installation Tool



- 7** Stabilize the lower leg on a bench top. Hold the lower leg steady and press the wiper seal into the lower leg until the top of the seal is flush with the top of the lower leg.

Repeat on the other side.

**NOTICE**

Only press the wiper seal into the lower leg until it is flush with the top surface of the lower leg. Pressing the wiper seal below the top surface of the lower leg will compress the foam ring.



- 8** Install the outer wire springs.



The air spring assemblies pictured in this manual are 120 mm and 150 mm travel configurations. Refer to [Air Spring and All-Travel Spacer Configurations](#) for further details about Sektor air spring travel configurations.

### ⚠ WARNING- EYE HAZARD

Verify all pressure is removed from the fork before proceeding. Depress the Schrader valve again to remove any remaining air pressure. Failure to do so can result in injury and/or damage to the fork.

### NOTICE

Inspect each part for scratches. Do not scratch any sealing surfaces when servicing your suspension. Scratches can cause leaks.

When replacing seals and o-rings, use your fingers or a pick to remove the seal or o-ring. Spray RockShox® Suspension Cleaner or isopropyl alcohol on each part and clean with a clean lint-free shop towel.

Apply SRAM® Butter grease to the new seals and o-rings.



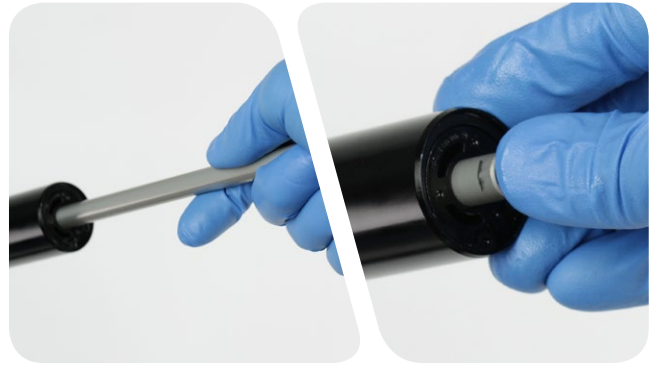
- 1 Remove the air spring top cap.  
Clean the upper tube threads.



- 2 Remove the top cap o-ring and discard it. Apply grease to a new o-ring and install it.



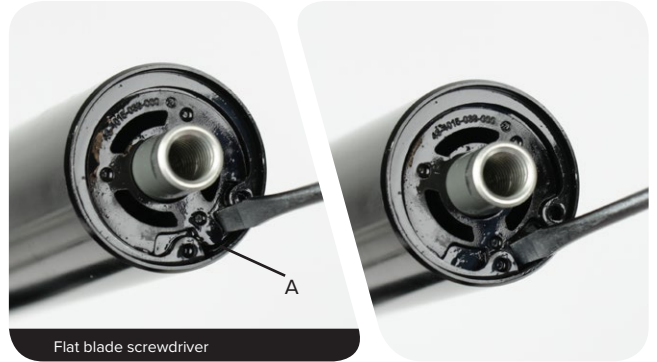
- 3** Push the air shaft into the upper tube.



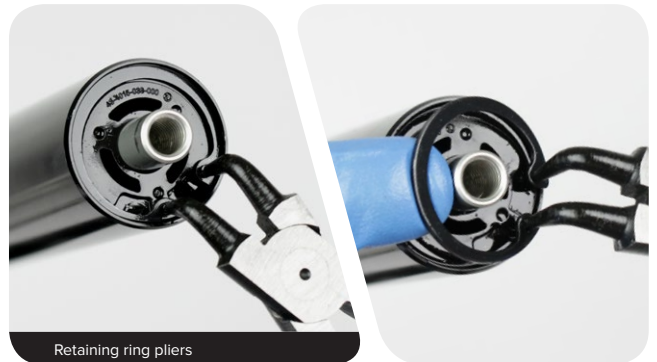
Push the seal head tab (A) into the upper tube and under the retaining ring.

**NOTICE**

Do not scratch the air spring shaft. Scratches on the air shaft will allow air to bypass the seal head into the lower leg, resulting in reduced spring performance.



- 4** Remove the retaining ring. Use your finger to guide the retaining ring over the air spring shaft.



- 5** Thread the shaft bolt into the end of the air spring shaft and pull the shaft out to full extension.



- 6** Pull the air shaft out firmly to dislodge the seal head. Remove the air spring assembly from the upper tube.  
Remove the bolt.



- 7** **80 mm - 120 mm:** Remove the seal head base plate assembly, All-Travel spacer if installed (not pictured), and the top out bumper.  
Clean and inspect the shaft for damage.



- 130 mm - 150 mm:** Remove the base plate, wave spring, retaining washer, seal head bumper, All-Travel spacer if installed (not pictured), floating seal head, and top out bumper.

Clean and inspect the shaft for damage.

**NOTICE**

Scratches on the air spring shaft can cause air to leak. If a scratch is visible the air spring assembly may need to be replaced.



- 8** Remove the o-ring seal from the air piston and discard it.  
Clean the air piston.  
Apply grease to a new o-ring seal and install it.

**NOTICE**

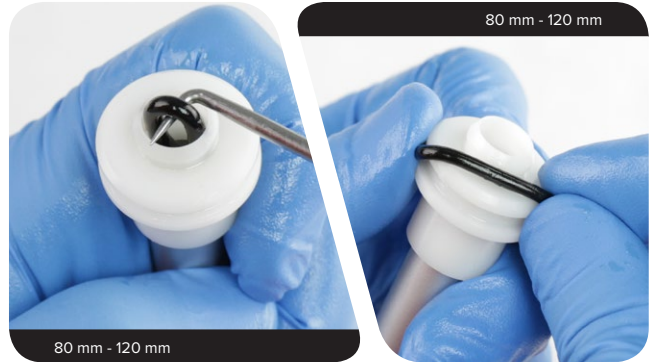
Do not scratch the air piston. Scratches will cause air to leak.



- 9** Remove the inner and outer o-ring seals from the seal head and discard them.  
Clean the seal head.

**NOTICE**

Do not scratch the seal head. Scratches will cause air to leak.

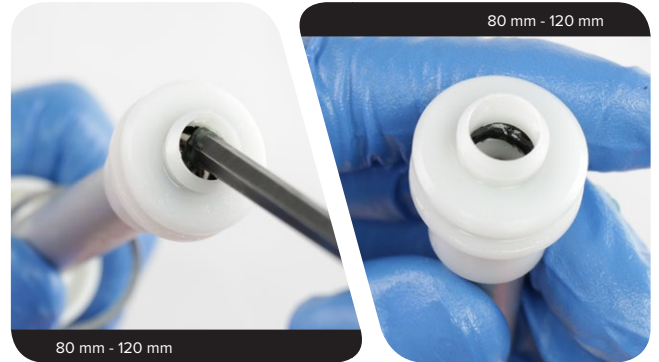
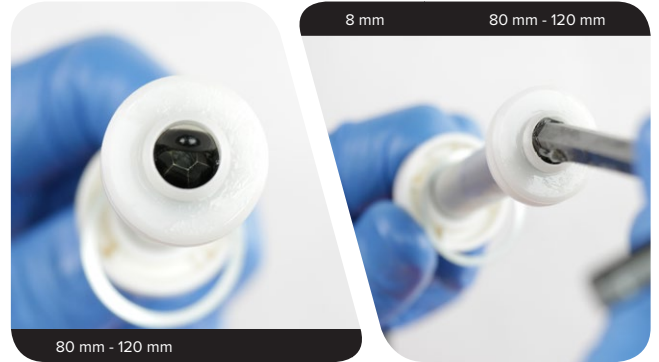
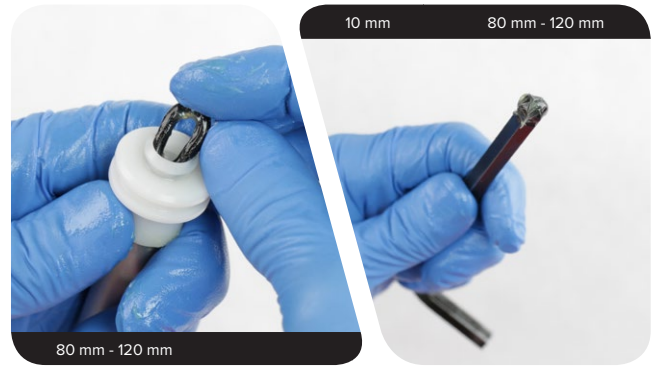


**10** Apply grease to new inner and outer o-ring seals and install them.

**80 mm - 120 mm:** Apply grease to the new inner o-ring and insert it into the inner gland. Apply grease to the ball end of a clean 10 mm hex wrench.

Insert the ball end of the wrench into the base plate and stop just below the inner o-ring gland of the seal head.

Apply grease to the ball end of a clean 8 mm hex wrench and use it to push the inner o-ring into the gland using the 10 mm hex wrench to guide the o-ring into the gland.



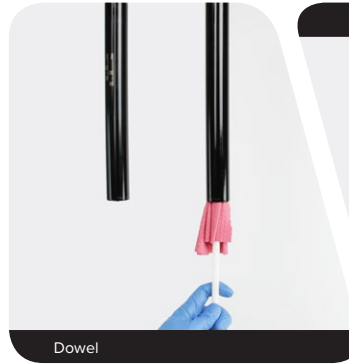
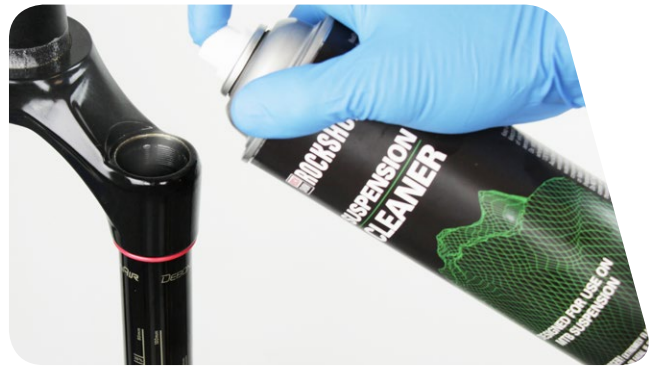
11

Clean the inside and outside of the upper tube.

Inspect the inside and outside of the upper tube for damage.

**NOTICE**

Scratches on the inside surface of the upper tube can cause air to leak. If an internal scratch is visible, the crown steerer upper tube assembly may need to be replaced.



## Air Spring Travel Change and Bottomless Tokens™ (optional)

To increase or decrease the travel in your RockShox® Sektor™, an All-Travel spacer can be installed or removed. For example, to increase travel from a maximum of 130 mm of travel to a maximum of 150 mm of travel, the 20 mm All-Travel spacer must be removed from the air spring assembly. If travel is changed from 80 mm, 100 mm, or 120mm to 130 mm, 140 mm, or 150 mm, and vice versa, the air spring must be replaced with the appropriate length air spring assembly in addition to the appropriate length All-Travel spacer. Use the table and images below to determine which All-Travel spacer and air spring assembly can be used with each fork travel option.

Bottomless Tokens can be added to, or removed from, the DebonAir™ top cap to fine-tune the spring curve and bottom out feel. Use the table below to help determine the number of Bottomless Tokens that can be used with each fork travel option. If fork travel is changed from stock, it may be necessary to add or remove Bottomless Tokens.

Refer to the RockShox Spare Parts Catalog at [www.sram.com/service](http://www.sram.com/service) for available air spring, All-Travel spacer, and Bottomless Token kits.

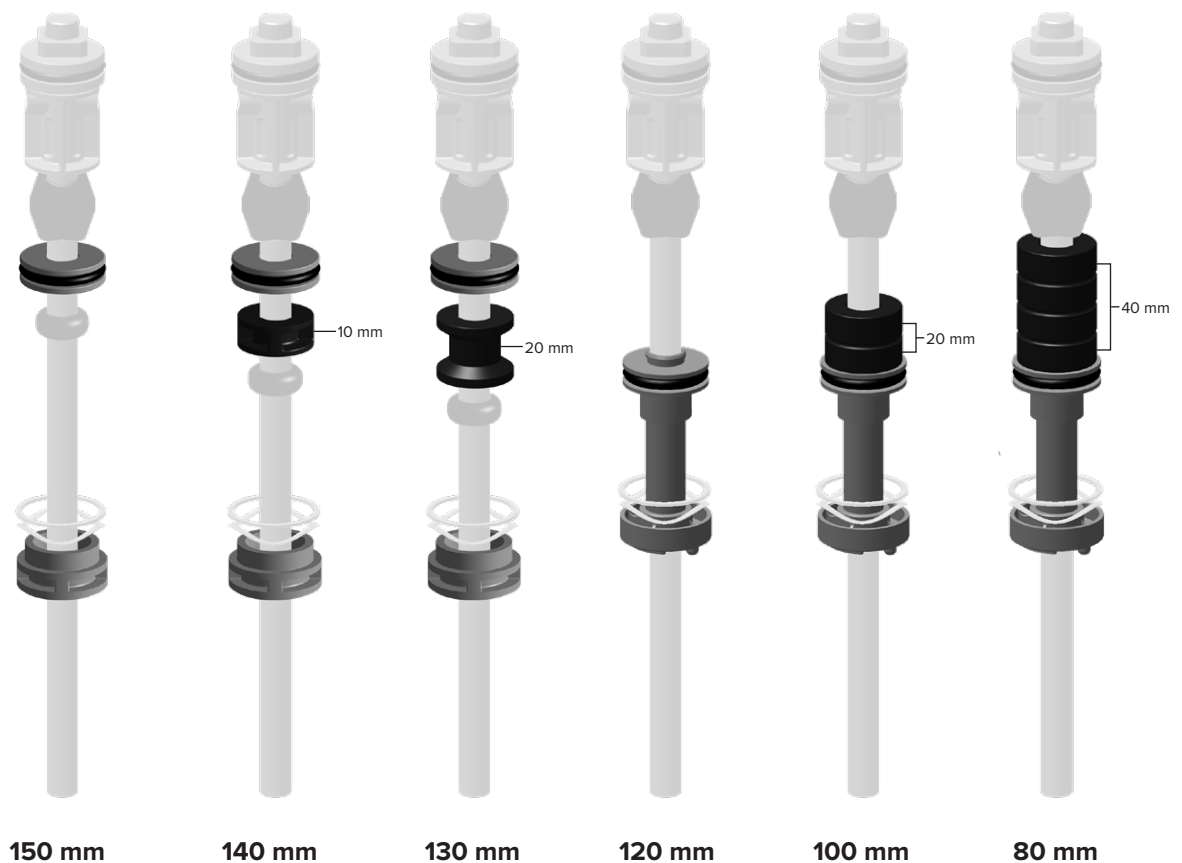
For part ordering information, please contact your local SRAM® distributor or dealer.

## DebonAir - Travel and Bottomless Token Tuning

27.5" Boost™ & 29" Boost				
Fork Travel (mm)	All-Travel Spacer (mm)	Air Spring Assembly (mm)	Bottomless Tokens Factory Installed	Bottomless Tokens Maximum
150	-	130 - 150	0	2
140	10			
130	20			
120	-	80 - 120		
100	20			
80	40			

## Air Spring and All-Travel Spacer Configurations

### 27.5" Boost & 29" Boost





## Bottomless Tokens™ Installation (optional)

Bottomless Tokens reduce air volume in your fork and create greater ramp at the end of the fork travel. Add Tokens to tune your fork's bottomless feel. See [Air Spring Travel Change and Bottomless Tokens](#) for the maximum number of Tokens for your fork.

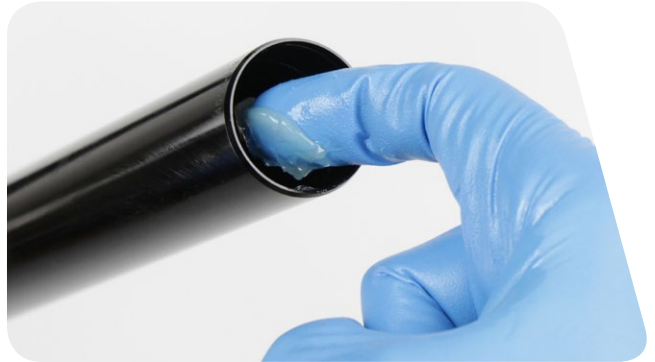
Thread a Bottomless Token into another Bottomless Token, or into the the bottom of the top cap, and tighten.



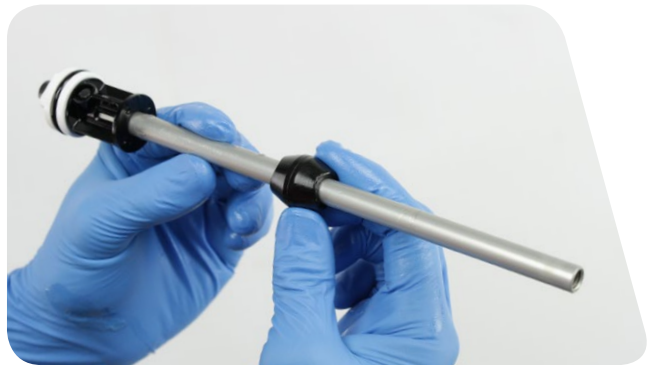
It is optional to change maximum fork travel by installing an All-Travel spacer onto, or removing from, the air spring shaft assembly or by replacing the air spring assembly. It may also be necessary to add or remove Bottomless Tokens™. Refer to [Air Spring Travel Change and Bottomless Tokens](#) for details.

Refer to the RockShox® Spare Parts Catalog available at [www.sram.com/service](http://www.sram.com/service) for the required spare part kits. For part ordering information, please contact your local SRAM® distributor or dealer.

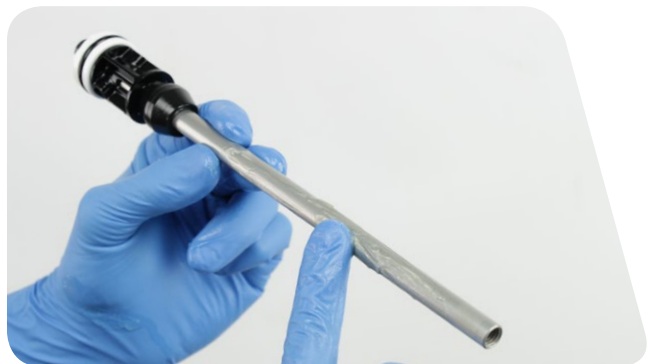
- 1 Apply a liberal amount of grease to the inside of the upper tube, from the end of the tube to approximately 60 mm into the tube.



- 2 Install the top out bumper onto the shaft.

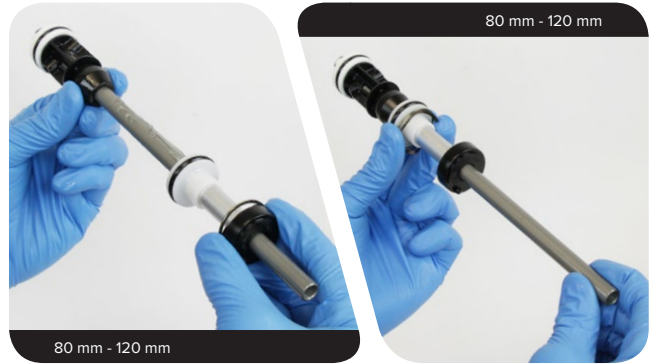


- 3 Apply a liberal amount of grease to the air spring shaft.



**4** **80 mm - 120 mm:** Install the All-Travel spacer (optional) and seal head base plate assembly onto the air shaft.

**All-Travel:** Refer to [page 24](#) for spacer configurations.



**130 mm - 150 mm:** Install the seal head, All-Travel spacer (optional), and the seal head bumper.

**All-Travel:** Refer to [page 24](#) for spacer configurations.



**5** **130 mm - 150 mm:** Install the retaining washer, a new wave spring, and the base plate, in that order, onto the air shaft.

Slide all the parts to the air piston until they stop.

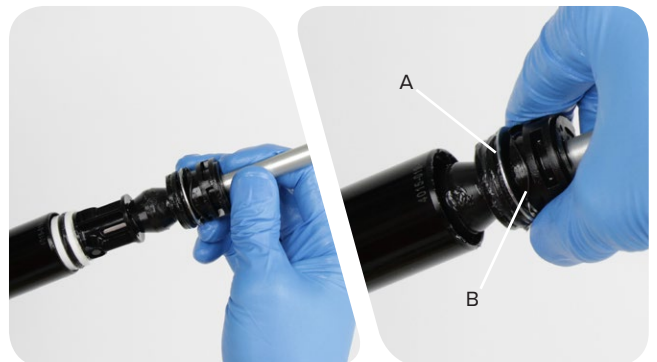


**6** Insert the air spring assembly into the upper tube. Firmly push the air piston into the upper tube.

Position the flat retaining washer (A) into the upper tube, followed by the wavy washer (B).

Use your fingers to firmly press the seal head into the upper tube until it stops.

*This procedure is the same for all fork travel configurations.*



**7** Push the air shaft into the base plate.



**8** *Retaining rings have a sharper edged side and a rounder edged side. Installing retaining rings with the sharper edged side facing the tool will allow for easier installation and removal.*

Guide the retaining ring with your finger to prevent scratching the air shaft.

Place the tips of the retaining ring pliers into the eyelets of the retaining ring, then use the pliers to push the seal head into the upper tube while installing the retaining ring into the groove.

**Confirm the retaining ring is properly seated in the retaining ring groove by using the retaining ring pliers to rotate the retaining ring and seal head back and forth a few times, then firmly pull the air shaft out.**

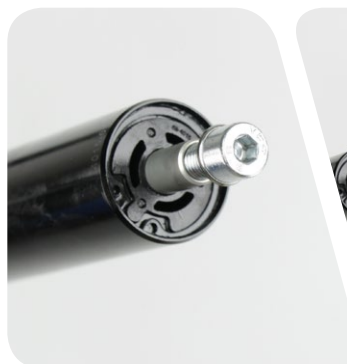


Retaining ring pliers

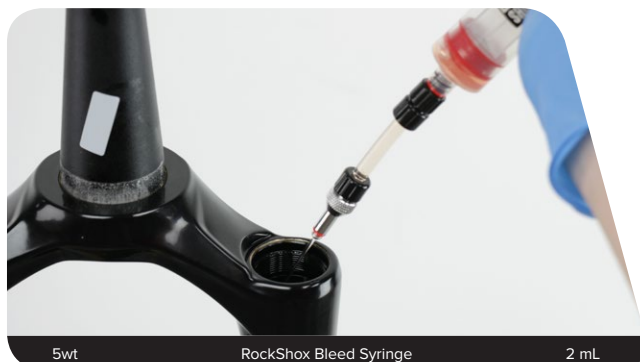


### NOTICE

Do not scratch the air spring shaft. Scratches on the air shaft will allow air to bypass the seal head into the lower leg, resulting in reduced spring performance.



**9** Inject or pour 2 mL of RockShox® 5wt suspension oil into the air spring upper tube.



5wt

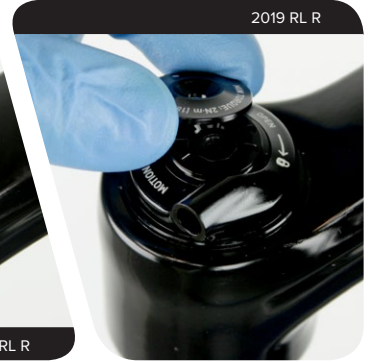
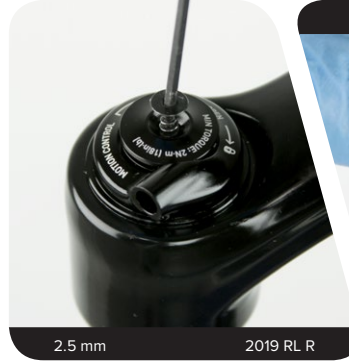
RockShox Bleed Syringe

2 mL

**10** Install the air spring top cap into the upper tube and tighten it.



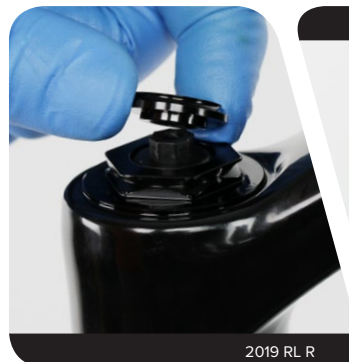
**1** Remove the retaining screw and remove the knob (RL) or upper remote spool (RL R).



**2a** **2019 RL R:** Loosen the set screw and remove the cable stop clamp.



Remove the lower remote spool.



**2b** **2020 RL R:** Loosen the set screw and remove the remote cable stop collar.



Remove the retaining screw and remove the remote spool.



**2c** Unthread the compression damper top cap.  
Remove the compression damper by pulling up firmly and slowly, while gently rotating the damper in a circular motion.

**NOTICE**

Do not force the damper out of the upper tube if there is resistance. This can cause separation of the piston from the damper tube.



- 3** Remove the fork from the work stand and pour the suspension oil into an oil pan.



- 4** Clamp the fork into the work stand.  
Thread the bottom bolt onto the rebound damper shaft and push the shaft into the upper tube.



- 5** Remove the retaining ring. Use your finger to guide the retaining ring over the rebound shaft.

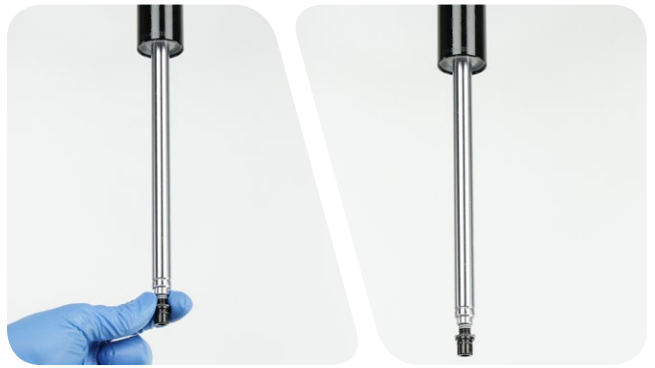
**NOTICE**

Do not scratch the rebound damper shaft. Scratches will allow oil to leak into the lower leg, resulting in reduced damper performance and potential damage to the fork.





**6** Pull the rebound shaft to full extension.



**7** Remove the rebound damper and seal head.



**8** Clean the inside and outside of the upper tube.  
Inspect the inside and outside of the upper tube for scratches.

**NOTICE**

Scratches on the inside surface of the upper tube can cause oil to leak. If an internal scratch is visible, the crown steerer upper tube assembly may need to be replaced.



- 1 Remove the compression damper o-rings and discard them.  
Apply grease to new o-rings and install them.



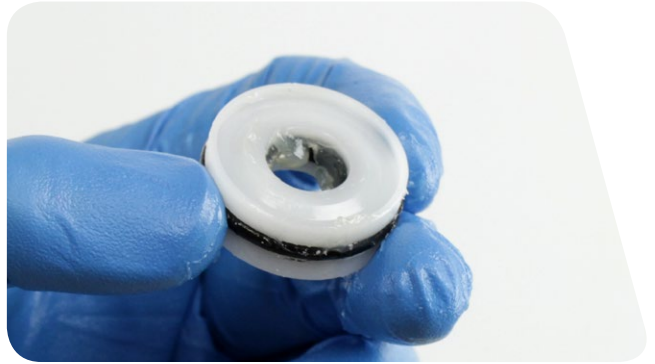
- 2 Remove the bottom bolt.  
Remove the seal head.  
Clean the damper shaft and inspect the shaft for scratches.

**NOTICE**

Scratches on the shaft can cause oil to leak. If a scratch is visible, the rebound damper may need to be replaced.



- 3** Remove the inner and outer seal head o-rings and discard them.  
Apply grease to the new o-rings and install them.



- 4** Remove the glide ring and discard it.  
Install a new glide ring.



**5** Install the seal head onto the rebound damper shaft.



- 1 Insert the rebound damper piston and seal head into the upper tube.  
Push the seal head into the upper tube until the retaining ring groove is visible.



- 2 Push the rebound damper into the upper tube and thread a bottom bolt into the shaft.



- 3 *Retaining rings have a sharper edged side and a rounder edged side. Installing retaining rings with the sharper edged side facing the tool will allow for easier installation and removal.*

Install the retaining ring into the upper tube groove.

**NOTICE**

Do not scratch the rebound damper shaft. Scratches will allow oil to leak into the lower leg, resulting in reduced damping performance.

**CAUTION**

Confirm the retaining ring is properly seated in the retaining ring groove by using the retaining ring pliers to rotate the retaining ring and seal head back and forth a few times.



- 4** Pull the rebound damper shaft out to the fully extended position and remove the bottom bolt.



- 1 Pour 130 mL of RockShox® 5wt suspension oil into the upper tube.

**NOTICE**

Suspension oil volume is critical. Too much oil reduces available travel and can damage the fork. Too little suspension oil decreases damping performance.



- 2 **RL:** Use the compression adjuster knob to open the valve (A). Rotate the knob counter clockwise until it stops.  
*A closed compression valve will restrict oil flow during installation.*



- 3 Insert the compression damper into the upper tube. Press down slowly and rotate in a circular motion until the damper is installed.



**4** Thread the top cap into the upper tube and tighten it.



**5** **RL:** Apply grease to the top cap detents and detent spring.



**6a** **RL:** Install the adjuster knob with the tab in the 7-8 o'clock, unlocked position.



Install and tighten the retaining screw.





**6b** **2019 RL R:** Install the cable stop collar with the housing guide in the 6 o'clock forward position,  $\approx 20^\circ$ - $30^\circ$  degrees from center.



Tighten the set screw.



Install the lower remote spool (A) onto the hex adjuster. Install the upper spool with the alignment indicator dot (B) positioned within the range bracket (C).



Install the spool retaining screw, thread it in and stop when it contacts the upper spool. Do not tighten the screw.



**6C 2020 RL R / TK R:** Install the cable stop collar with the housing guide in the forward position 20 degrees from center.

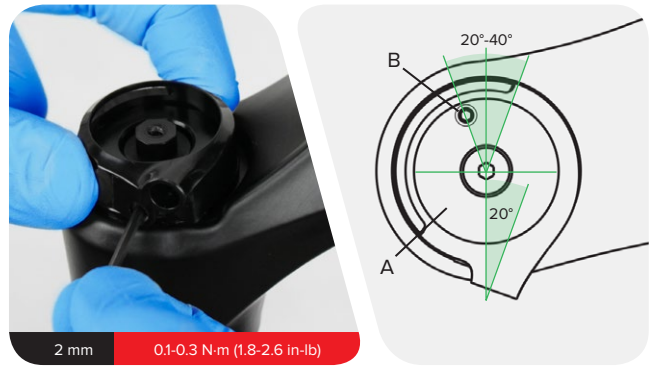
Tighten the set screw finger tight, or to the specified torque. Confirm the cable stop does not feel loose or have any free play.

**NOTICE**

To avoid permanent damage to the set screw threads, do not over-tighten the set screw.

Install the remote spool (A) onto the hex adjuster with the cable set screw (B) 20-40 degrees from the edge of the cable stop groove, towards the front of the crown.

Install and tighten the retaining screw.



Consult the applicable remote user manual at [www.sram.com/rockshox/component/remotes](http://www.sram.com/rockshox/component/remotes) for cable and remote installation instructions.

**1** Clean the upper tubes.



**2** Saturate the foam rings with suspension oil.



**3** Apply grease to the inner surfaces of the dust wiper seals.



- 4** Install the lower leg assembly onto the upper tubes and slide it just enough to engage the upper bushings with the upper tubes.

**NOTICE**

Make sure both wiper seals slide onto the tubes without folding the outer lip of either seal.



The inside bottom of the lower leg should not contact the spring or damper shafts. A gap between the shaft ends and the lower leg bolt holes should be visible.



- 5** Position the fork at an angle with the bolt holes oriented upward. Inject 6 mL of RockShox® 15wt suspension oil into each lower leg through the bottom bolt holes.

**NOTICE**

Do not exceed the recommended oil volume per leg as this can damage the fork.



15wt

RockShox Bleed Syringe

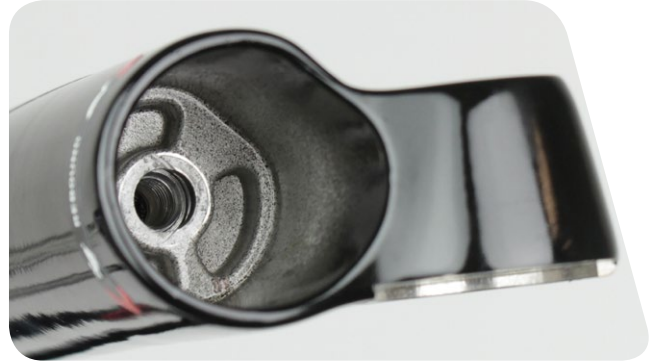
6 mL

**6** Slide the lower leg assembly toward the crown until it stops.



The spring and damper shafts should be visible through the bottom bolt holes.

Verify each shaft is centered and seated in the lower leg shaft/bolt hole and no gap is visible between the lower leg and the shaft end.



**7** **200 Hour Service** Remove the old crush washer retainer and crush washer from each bottom bolt.

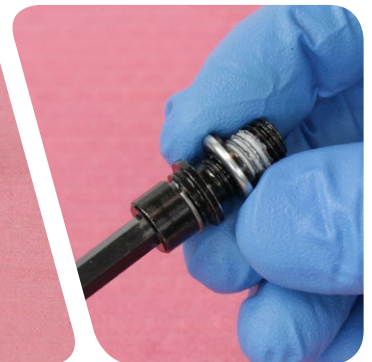
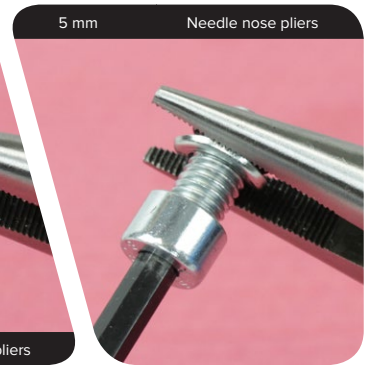
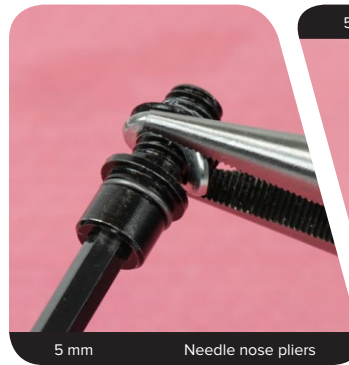
Compress and hold the crush washer retainer with needle nose pliers and unthread it, and the crush washer, from the bolt by turning the bolt counter-clockwise.

Install a new crush washer retainer and crush washer onto each bolt.

**NOTICE**

Do not damage the bolt threads.

Do not reuse crush washers or crush washer retainers. Dirty or damaged crush washers can cause oil to leak from the fork.



- 8** Install the solid bottom bolt into the spring side shaft.  
Install the hollow bolt into the damper side shaft.  
Tighten each bolt.



- 9** Apply a small amount of grease to the end of the rebound adjuster hex and around the outside of the damper bottom bolt. Install the rebound adjuster knob onto the rebound damper bottom bolt.  
Press the knob firmly onto the bolt until it clicks into place.  
Refer to your pre-service [recorded rebound setting](#) to adjust the rebound damping.



**10** Refer to your pre-service recorded settings, or use the air chart on the fork's lower leg, and pressurize the air spring.

*You may see a drop in the indicated air pressure on the pump gauge while filling the air spring; this is normal. Continue to fill the air spring to the recommended air pressure.*

Compressing the fork will equalize the positive and negative air chambers. After the fork is cycled 3-4 times, check the pressure and add air as needed.



Install the air valve cap.



**11** Clean the entire fork.



**This concludes the service of your RockShox® Sektor™ suspension fork.**

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