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, merchantibility, 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, 133 North Kingsbury, 4th floor, Chicago, Illinois, 60642, 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 LIABILITY
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, rockshox.com, avidbike.com, truvativ.com, or 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, this warranty is limited to one year for all electronic and electronic related components including motors, controllers, battery packs, wiring harnesses, switches, and chargers. 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.
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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!
**ROCKSHOX REVERB STEALTH SEATPOST SERVICE**

We recommend that you have your RockShox Reverb Stealth seatpost serviced by a qualified bicycle mechanic. Servicing RockShox products requires knowledge of suspension components as well as the special tools and fluids used for service.

For exploded diagram and part number information, please refer to the Spare Parts Catalog available on our web site at www.sram.com.

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. For the latest technical information, please visit our website at sram.com.

Your product’s appearance may differ from the pictures/diagrams contained in this publication.

### PARTS AND TOOLS

- Safety glasses
- Nitrile gloves
- Apron
- Clean, lint-free rags
- Isopropyl alcohol
- Slick Honey® bicycle grease
- Bench vise with aluminum or plastic soft jaws
- Reverb I.F.P. Height Tool
- Reverb Hydraulic Bleed Kit
- Reverb Stealth Complete Seal Service Kit
- Fluid level gauge
- Fluid pan
- Small drip container
- 7-9 20 cm cable ties
- High pressure suspension pump
- T10 and T25 TORX™ wrenches
- 1.5 mm and 4 mm hex wrenches
- 7, 10, 11, and 23 mm open end wrenches
- 10, 11, 23, and 34 mm crowfoot sockets
- 9 and 10 mm sockets, and socket wrench
- Torque wrench
- Large adjustable wrench
- Downhill tire lever
- Needle nose pliers
- Internal snap ring pliers
- Plastic or wooden dowel
- Metric tape measure or ruler
- Schrader valve tool
- Rubber mallet
SAFETY INSTRUCTIONS
Always wear safety glasses and nitrile gloves when working with suspension fluid.
Place an fluid pan on the floor underneath the area where you will be working on the Reverb.

NOTICE
Use caution when servicing the Reverb Stealth seatpost not to scratch any sealing surfaces, being especially careful not to scratch the upper post, the inside of the lower post, the inner seal head, or damage any o-rings or bushings.

When replacing o-rings, apply a generous amount of Slick Honey® bicycle grease to the o-ring and the o-ring pocket.

CAUTION - EYE HAZARD
If you are able to compress the Reverb Stealth without pressing the remote actuator, the seatpost must be returned to an authorized RockShox service center for repair. Do not attempt to disassemble or service the seatpost.

NOTICE
Check for play in the top cap bushing. With the Reverb Stealth installed in the frame, hold the top cap with one hand and use your other hand to move the saddle forward and backward. Any amount of seatpost movement at the top cap indicates that the top cap bushing is worn, and the entire top cap assembly must be replaced.
1. Use a 4 mm hex wrench to remove the saddle and saddle clamps from the top of the seatpost.

2. Use a 9 mm socket to remove the air cap from the upper post.

3. Use a small hex wrench to depress the Schrader valve and release all air pressure from the air chamber.

   **CAUTION - EYE HAZARD**

   Verify all pressure is removed from the Reverb Stealth before proceeding. Failure to do so can cause the damper body to separate from the shaft eyelet at a high velocity. Wear safety glasses.

4. Use a Schrader valve tool to remove the Schrader valve from the upper post.
5 Use a 10 mm socket to remove the air fill valve from the upper post.

6 Use a pick to remove the o-ring from the bottom of the air fill valve, then install a new o-ring.

7 Use a 10 mm socket to reinstall the air fill valve into the upper post, and tighten to 4.5-5.7 N•m (40-50 in-lb). Use a Schrader valve tool to install a new Schrader valve into the air fill valve. Use an 9 mm socket to reinstall the air cap onto the air fill valve, and tighten to 1.1-3.4 N•m (10-20 in-lb).
Open the seatpost clamp or loosen the seatpost collar binder bolt and remove the Reverb Stealth from the bicycle. It is not necessary to remove the XLoc remote from the handlebar unless the remote housing is too short to allow the Reverb to be removed from the frame.

Use a 7 mm and a 10 mm open end wrench to disconnect the hose from the poppet cover.

Use internal snap ring pliers to remove the snap ring from the bottom of the lower post.

Tap the seat clamp end of the upper post with a rubber mallet to expose the inner shaft.
12 Clamp the inner shaft in a vise.

**NOTICE**
Use aluminum soft jaws to prevent damage to the seatpost or any seatpost components when clamping into a vise. Clamp the shaft only tight enough to prevent it from spinning in the soft jaws.

13 Use an 11 mm and a 10 mm open end wrench to unthread the poppet cover from the seal head.

**NOTICE**
To prevent damage to the poppet cover bleed screw, do not allow the 10 mm wrench to contact the bleed screw.

14 Use needle nose pliers to pull the poppet valve from the inner shaft.

15 Use an 11 mm open end wrench to unthread the seal head from the inner shaft.
16. Remove the foam ring from the air shaft.

17. Use a pick to remove the bottom out o-ring from the lower post.

18. Clamp the lower post horizontally in a vise.

19. Use a large adjustable wrench to unthread the top cap from the lower tube.
20 Remove the upper post from the lower post.

355 & 420 mm Reverb Stealth with 100 mm travel, and 420 mm Reverb Stealth with 125 mm travel: Use a long wooden or plastic dowel to push the false bottom insert from the lower post.

21 Remove the three brass keys from the upper post.

22 Clamp the seat clamp area of the upper post in a vise.
Use a 23 mm wrench or an adjustable wrench to unthread the internal seal head from the bottom of the upper post.

**NOTICE**

To prevent damage to the internal seal head wrench flats, make sure the wrench is firmly tightened against the wrench flats while unthreading the seal head from the upper post.

Remove the internal seal head from the upper post by hand.

Remove the top cap from the upper post.

Pull the inner shaft from the upper post by hand.
28 Insert a 1.5 mm hex wrench into one of the cross holes of the IFP tube, then use pliers to carefully pull the IFP tube out of the upper post.

29 Remove the upper post from the vise and pour the fluid into a collection container, then clamp the seat clamp area of the upper post back in the vise.

30 Insert 7-9 20 cm long cable ties into the upper post and through the IFP. Pull all of the cable ties simultaneously out of the upper post, removing the IFP in the process.
1 Clamp the top cap by the wrench flats into a flat section of the soft jaws. Use a downhill tire lever to pry the dust wiper from the top cap. Remove the top cap from the vise. Use a pick to remove the o-ring and foam ring. Install a new o-ring into the top cap.

**NOTICE**
To prevent ovalization of the top cap, tighten the vice only enough to hold the top cap securely in place.

2 Soak a new foam ring in Reverb hydraulic fluid. Install it into the top cap above the bushing.

3 Carefully remove the energizer ring from the new dust wiper.
4 Insert the small end of the new dust wiper into the end of the lower post. Orient the top cap on the bench with the logo facing up, and use the lower post to press the dust wiper into the top cap. Reinstall the energizer ring.

5 Use a pick to remove the o-rings from the seal head. Clean any dirt or debris from the seal head, and install new o-rings.
6 Use a pick to remove the o-rings from the poppet valve. Clean the poppet valve, then install new o-rings.

7 Use a pick to remove the two glide rings and the o-ring from the inner shaft piston. Clean the inner shaft piston and install two new glide rings and a new o-ring. The o-ring must be located between the glide rings.
Use a pick to remove the two internal glide rings, the internal o-ring, the two external glide rings, and the external o-ring from the IFP.

Clean the IFP and install two new glide rings and a new o-ring. The o-ring must be located between the glide rings.
Remove the bushing from the internal seal head by hand. Use a pick to remove the two external o-rings, the internal o-ring, and the internal top out bumper. Be careful not to scratch any of the surfaces of the internal seal head. Clean the internal seal head, then install new o-rings and a glide bushing.

**REVERB STEALTH REASSEMBLY**

1. Clamp the seat clamp area of the upper post in a vise. Apply a liberal amount of Slick Honey® grease to the top cap seals and bushing. Slide the top cap onto the upper post.

2. Install IFP tube, non-ported end first, into the upper post. Push down firmly on the IFP tube until it snaps securely into the upper post.
Apply a thin coating of Slick Honey bicycle grease to the internal and external glide rings and o-rings. Use the Reverb IFP Height Tool to press IFP into the upper tube to a depth of 30 mm. The orientation of the IFP is not critical.

Pour Reverb fluid into the IFP tube until the fluid overflows into the upper tube and is level with the top of the upper tube. Use your finger to remove any bubbles from the surface of the Reverb fluid.

Slide the internal seal head back onto the inner shaft.

Insert the inner shaft piston end into IFP tube just enough for the piston o-ring to engage the IFP tube.
Thread the internal seal head into upper tube to completely install the inner shaft piston into the IFP tube. Use a 23 mm crowfoot socket (installed at 90 degrees to the torque wrench) to tighten the seal head to 27-29 N•m (238-256 in-lb).

**NOTICE**

Make sure that the inner shaft does not get pressed any further into the IFP tube until the seatpost is completely reassembled.

If it does get pressed into the IFP tube, the inner shaft must be removed from the IFP tube (page 13, step 24; page 14, step 27) the IFP tube filled with additional Reverb fluid (page 20, step 4), and the inner shaft reinstalled (page 20, steps 6 and 7).

Apply a liberal amount of Slick Honey® grease to the key slots. Reinstall the keys into the slots. The orientation of the keys is not critical.

When replacing the keys, make sure that the new keys have the same number of etched lines as the old keys.

Slide the lower tube over the inner tube and onto the internal seal head. Squeeze the internal seal head bushing, then slide lower tube down and over the seal head bushing, making sure that the slots in the lower tube align with the keys in the upper tube. Do not tighten the top cap yet.
Install a new bottom out bumper into the lower tube.

355 & 420 mm Reverb Stealth with 100 mm travel, and 420 mm Reverb Stealth with 125 mm travel: apply Slick Honey® grease to the false bottom insert o-ring, then install it into the lower post. Orientation of the insert is not critical.

Install a new foam ring into the lower tube.

Clamp inner shaft in a vise. Thread the internal seal head onto the inner shaft, then use an 11 mm crowfoot socket (installed at 90 degrees to the torque wrench) to tighten the internal seal head to 5.7-7.9 N•m (50-70 in-lb).
A specific amount of Reverb fluid must be removed from the inner shaft. Consult the chart below to determine the height to set the fluid level gauge based on which Reverb Stealth you have.

<table>
<thead>
<tr>
<th>Reverb Model Length (mm)/ Travel (mm)</th>
<th>Set fluid level gauge to this length (± 0.5 mm):</th>
</tr>
</thead>
<tbody>
<tr>
<td>355 / 100</td>
<td>186.5</td>
</tr>
<tr>
<td>380 / 125</td>
<td>186.5</td>
</tr>
<tr>
<td>420 / 100</td>
<td>251.5</td>
</tr>
<tr>
<td>420 / 125</td>
<td>226.5</td>
</tr>
<tr>
<td>430 / 150</td>
<td>211.5</td>
</tr>
</tbody>
</table>

Insert the fluid level gauge into the inner shaft, then pull out on the plunger to remove the fluid. Repeat this process until no more fluid is removed from the inner shaft.

Apply a small amount of Slick Honey® grease to the poppet valve o-rings.
17 Insert the poppet valve into the inner shaft, then use needle nose pliers to press it firmly into the shaft.

18 Hold the internal seal head in place with an 11 mm open end wrench. Thread the poppet valve cover onto the internal seal head, then use a 10 mm crowfoot socket (installed at 90 degrees to the torque wrench) to tighten the poppet valve cover to 5.7-7.9 N•m (50-70 in-lb).

**NOTICE**
To prevent damage to the poppet cover bleed screw, do not allow the 10 mm crowfoot socket to contact the bleed screw of the poppet valve cover.

19 Pull the upper post out of the lower post until it stops.

20 Use internal snap ring pliers to reinstall snap ring. Check that the snap ring is securely installed in the groove by using the snap ring pliers to rotate it in the groove.
21 Clamp the lower post in a vise. Use a 34 mm crowfoot socket to tighten the top cap to 27-29 N•m (238-256 in-lb).

22 Use a shock pump to pressurize the seatpost to 250 psi (17.2 bar). Use a 9 mm socket to reinstall the air cap.

23 Reinstall the saddle and saddle clamps onto the seatpost. Use a 4 mm hex wrench and tighten the saddle clamp bolts to 2.2 N•m (19.5 in-lb).
1. Thread the hose barb into the poppet valve cover. Hold the hose barb in position with a 7 mm open end wrench, and use a 10 mm crowfoot socket to tighten the poppet cover to 3.4-4.5 N•m (30-40 in-lb).

2. Loosen the remote clamp bolt and rotate the remote so that the bleed screw is at the highest point.
   If there is a shifter installed on the XLoc clamp, you will need to remove it before adjusting the clamp bolt.

3. Turn the speed adjuster barrel the opposite direction of the arrow until it stops.

4. Fill one Reverb bleed syringe 3/4 full with 2.5 wt Reverb fluid. Hold the syringe upright, cover the tip with a rag, and gently depress the plunger to purge any air bubbles from the syringe.

**NOTICE**
Only use the syringes that come with the Reverb Stealth Bleed Kit. Do not use any syringe that has been in contact with DOT fluid or mineral fluid.
5 Use a T10 TORX™ to remove the bleed screw from the remote, then install the fluid filled syringe into the bleed port.

6 Use a T10 TORX to remove the bleed screw from the bottom of the seatpost, then install the empty syringe into the bleed port.

7 Depress the plunger of the syringe attached to the seatpost while pulling out on the remote syringe plunger. Next, depress the remote syringe plunger while pulling out on the seatpost syringe plunger.
Repeat these steps several times until bubbles stop coming out of the system and into the syringes.

8 Disconnect the syringe from the seatpost bleed port. Use a T10 TORX™ to reinstall the bleed screw and tighten to 1.1-2.2 N•m (10-20 in-lb). Use isopropyl alcohol and a rag to clean any Reverb fluid from the seatpost.
9 Pull out on the remote syringe plunger and slowly depress the remote actuator. Next, press in on the remote syringe plunger while you pull out on the remote actuator. Repeat this process a few times until no more bubbles are pulled from the system.

10 Depress the remote syringe plunger and make sure the remote actuator is fully extended. Remove the syringe and use a T10 TORX™ to reinstall the bleed screw and tighten to 1.1-2.2 N·m (10-20 in-lb).

11 Depress the remote actuator a few times, then release it to allow the actuator to return to its static position. Pull back on the actuator. If it doesn’t move, you have successfully bled the remote and are finished servicing your Reverb Stealth. If it moves, there is air in the remote; go to step 13 on page 29 to remove this trapped air.

12 Reinstall the Reverb Stealth into the bicycle frame. Torque the seatpost collar to the manufacturer’s recommended torque, but do not exceed 6.7 N·m (59.3 in-lb).
Use a T10 TORX™ to remove the remote bleed screw. Install a syringe into the bleed port.

Pull out on the syringe plunger and depress the remote actuator a few times to dislodge any bubbles.

Depress the syringe plunger and make sure the remote actuator is fully extended. Remove the syringe and use a T10 TORX to reinstall the bleed screw and tighten to 1.1-2.2 N•m (10-20 in-lb).

Depress the remote actuator a few times, then release it to allow the actuator to return to it's static position.

Pull back on the actuator. If it doesn't move, you have successfully bled the remote and are finished servicing your Reverb Stealth. If it moves, there is air in the remote; repeat this step until all of the air is removed from the remote.