



PIVOT VAULT
ISO FLEX Maintenance

The New Pivot Vault uses patent pending ISO FLEX Technology that fits 27.2mm or 30.9mm seatposts and isolates the seatpost from the frame for extraordinary comfort with uncompromising frame stiffness and control. This guide will walk through the steps to remove and install the inserts for maintenance and switching seat post options.

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Performance Redefined.

Remove ISO FLEX Insert



Using an M4 allen wrench, loosen the seat post clamp bolt.



Remove the seat post and seat post clamp.



The tool used to loosen the lock ring is a Park Tool BBT-9 or a Shimano Tool TL-FC32.



Using one of the recommended tools, loosen and remove the lock ring.



Place the seat post clamp back on the ISO FLEX insert with the lock ring now removed.



Slide the seat post into the ISO FLEX insert. The saddle height is not critical.

Remove ISO FLEX Insert

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Using an M4 allen wrench, tighten the seat post clamp bolt to 5 [Nm].

8



Pull up on the saddle to remove the ISO FLEX insert from the seat tube. A small amount of wiggling to get the insert to release may be required.

9



Using an M4 allen wrench, loosen the seat post clamp bolt.

10



Remove the seat post, seat post clamp, lock ring and washer from the ISO FLEX insert. (If yours does not have a washer then no washer is required).

Install ISO FLEX Insert



There are two ISO FLEX inserts that can be used on the Vault. One is for a 27.2mm rigid seat post and the other is for a 30.9mm dropper post. Each insert has a size-specific seat post clamp.



The seat post size is laser etched on the back of the seat post clamp.



When installing the 30.9mm insert for a dropper post, route the housing through the frame at this point. For the remaining steps, the housing should be routed through the insert during installation.



Apply a light layer of grease to the outside of the ISO FLEX insert.



Drop the ISO FLEX insert into the seat tube.

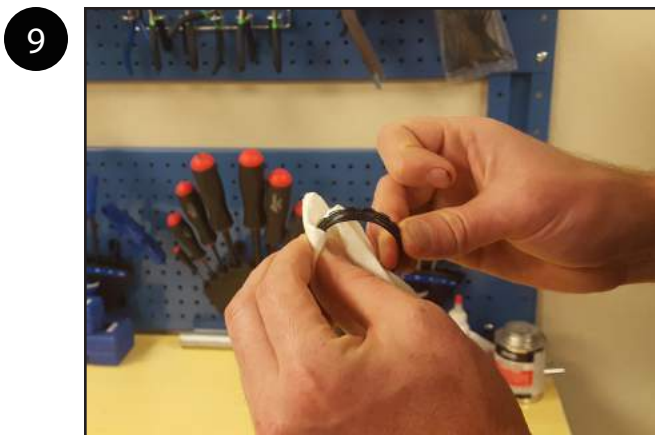


Lightly tap the ISO FLEX insert into the seat tube using a rubber mallet.

Install ISO FLEX Insert



Slide washer over the insert. (If yours does not have a washer then no washer is required).



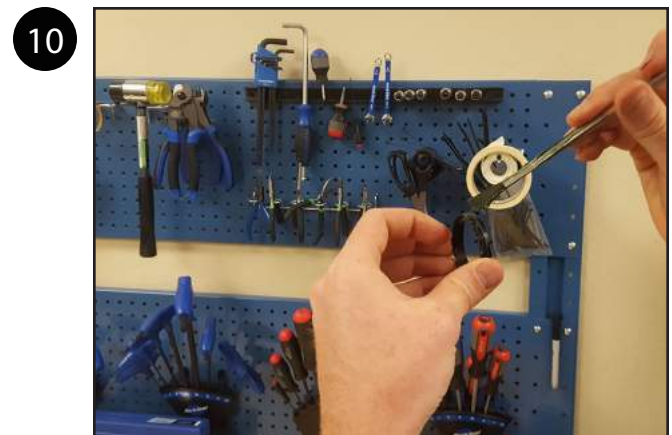
Wipe the threads of the lock ring with a shop towel to remove any dirt or grit.



Screw the lock ring onto the seat tube collar by hand. The lock ring should freely thread onto the collar. If there is resistance, unscrew the lock ring and be sure the lock ring isn't cross-threading and try again.



If you have purchased the 30.9mm insert, you will receive 3 washers along with the 30.9mm insert and clamp. These washers can be used to achieve the proper preload on the insert.



Apply grease to the threads of the lock ring.



The tool used to tighten the lock ring is a Park Tool BBT-9 or a Shimano Tool TL-FC32.

Install ISO FLEX Insert

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Tighten the lock ring into place using one of the recommended tools. THE LOCK RING SHOULD ONLY BE TIGHTENED UNTIL IT BOTTOMS OUT ON THE SEAT TUBE COLLAR. DO NOT OVER TIGHTEN.

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If there is play in the insert when fully tightened down, repeat steps 7-13 using one of the thicker washers supplied with the insert to achieve the proper preload on the insert.

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Place the seat post clamp onto the ISO FLEX insert.

16



Grease the seat post.

17



Grease the inside of the ISO FLEX insert.

18



If you are installing a dropper post, connect the dropper post cable at this point.

Install ISO FLEX Insert

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Slide the seat post into the ISO FLEX insert.

20



Set the seat post to your desired saddle height and tighten the seat post clamp bolt to 5 [Nm] using an M4 allen wrench.

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Remove any excess grease from the seat post.