INSTRUCTION GUIDE
PAVE SL SEATPOST (7x7mm & 7x9mm saddle rail clamps)

THIS INSTRUCTION GUIDE CONTAINS IMPORTANT INFORMATION.
PLEASE READ CAREFULLY AND STORE IN A SAFE PLACE.

Please read the following instructions. If you have any doubt regarding your mechanical ability and/or installation of this product, visit your Specialized Authorized Dealer. Specialized recommends that the seatpost be installed using a torque wrench, by a qualified mechanic.

Please read the following Warnings. Because the failure to follow any Warning may result in a catastrophic failure of the seatpost, resulting in serious personal injury or death, this phrase may not be repeated in connection with each Warning.

WARNING! When installed on a Specialized carbon road frame, the Pavé SL seatpost requires the use of a Specialized angled seat collar (see Fig.2 for illustration of shape). For all other frames, Specialized recommends the use of a seat collar with an angled slot. Use of a different style seat collar can damage the seatpost resulting in failure, causing serious personal injury or death.

PREPARING THE SEATPOST SURFACE

1. Remove all burrs and square edges from seat tube surfaces in contact with the seatpost. These edges and burrs can dig into the material, compromising the strength of the carbon. (Fig.2).
2. The seatpost collar should be positioned so that the collar slot is oriented 180 degrees opposite from the seat tube slot (Fig.2). This dramatically reduces the possibility of the edges of the seat tube deforming and digging into the seatpost, which can compromise the integrity.
3. Remove any grease from the internal surface of the seat tube. Composite seatposts are non-metallic, they cannot seize in the seat tube. Applying grease reduces the friction that is critical to proper seatpost grip.

TECH TIP: Specialized recommends the application of carbon assembly compound (or carbon paste) between the seat tube and the seatpost to increase friction. See a Specialized Authorized Dealer if you have any questions.

NOTE: Do NOT cut composite seatposts!

INSTALLING THE SEATPOST AND SADDLE

The Specialized S-Works Pavé SL seatpost is 27.2mm in diameter (tolerance range 27.05 to 27.25mm). Ensure that the outer diameter of the seatpost conforms to the inner diameter of the seat tube.

- The seatpost should not have any play inside the frame. The seatpost should lower into the seat tube with a bit of resistance.
- Do not twist the seatpost to install into the seat tube. The seatpost should slide into the seat tube in a straight, smooth fashion. If the seat tube installation is too tight or rough, it may be necessary to have the seat tube reamed.
- With proper preparation of the frame, clamp and seatpost, it is not necessary to apply more than the recommended torque.

If the seatpost exhibits any fit and/or torque issues, it is recommended that the fit tolerance be verified by a Specialized Authorized Dealer.

1. Grease the conical surfaces (C) of the clamp mechanism (see Fig.1).
2. Install the conical portions of the clamp mechanism into the seatpost (D).
3. Engage the saddle rails into the slots of the conical portions of the clamp mechanism.

NOTE: Ensure that the wedges are parallel to each other. If the wedges are offset relative to each other, they can force the saddle rails twist, which can result in permanently bent rails and an uneven saddle position.

4. Place the outer cap portions (B) of the clamp mechanism over the saddle rails.

NOTE: The seatpost hardware is available for 7x7mm round alloy rails, or 7x9mm oval carbon fiber rails. The inner wedge pieces are used for all rails, while the mating outer plates are specific to 7x7mm or 7x9mm rails.

5. Install the nut (A). To avoid damage to the clamp mechanism, the arrows must align (Fig. 1-F) to ensure the tab is placed in the groove of the outer cap.
6. Install the bolt (E). Use blue threadlocker (Loctite 242) on the threads, place into the opposite side outer cap and thread into the nut. Tighten lightly.
7. Install the seatpost into the seat tube.
8. Adjust the saddle to the desired angle and fore-aft position.
9. Torque the seatpost bolt to 120 in-lbf (13.5 N*m).
10. Adjust the seatpost to the desired height for proper leg extension.
11. Torque the seat collar to 55 in-lbf (6.2 N*m).

WARNING! Seat collar torque requirements can vary depending on the specific frame and seat clamp used. Exceeding the max torque limit specified for the Pavé SL can result in damage to the seatpost. Consult your Specialized Authorized Dealer for additional information.

WARNING! Incorrect sizing interface can result in seatpost slippage or failure.

WARNING! Recommended torques in this guide are specific for this Specialized product. To locate the recommended torque, refer to the owner’s manual for the mating component. Always use the lower torque recommendation.

WARNING! The seatpost is marked with a minimum insertion line. This is the minimum amount of insertion required for the seatpost to remain structurally safe. However, some frames require additional insertion to ensure that the frame remains structurally sound as well. The base of the seatpost should extend far enough into the seat tube to extend below the underside of the top tube.

WARNING! Specialized composite seatposts are made to be lightweight, and are not suitable for all riders and all possible uses. The rider weight limit for this seatpost is 240lb (109kg). Failure to follow this warning may result in a catastrophic failure of the seatpost.
WARNING! Damage to composite is difficult to visually identify. If the external composite surface is dented, frayed, gouged, deeply scratched, fractured, chipped or otherwise damaged, the component should be replaced. Any deep scratches or gouges in the component can weaken the component, resulting in failure. If a component has suffered a crash or impact, even if no damage is visible, Specialized or a Specialized Authorized Dealer should inspect the product.

WARNING! For your safety, Specialized recommends that you routinely have your carbon components inspected by a Specialized Authorized Dealer and immediately after certain events including but not limited to crash, chipping, dropping your bicycle, or impact.

For the complete warranty provisions and any additional information, please visit www.specialized.com.