



# INSTALLATION GUIDE

## Williams SLC Carbon Rail Saddle

Congratulations! The Williams SLC carbon rail saddle is among the finest advanced composite products available in cycling. This product requires particular care for proper installation.

**Please read the following instructions.** Williams recommends that the saddle 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 saddle, resulting in serious personal injury or death, this phrase may not be repeated in connection with each warning.

**DO NOT** allow the clamp mechanism to clamp the rails beyond the straight section of the rails, where the rails start to curve upward (fig.1).

**DO NOT** use a clamp mechanism with a split upper clamp that measures beyond the recommended range of 38-40mm (fig.1).

**DO NOT** use a seatpost with sharp edges in contact with the rails (fig.4). These can create stress risers that can cause premature failure of the rails.

**DO NOT** use a seatpost with a side-load clamp mechanism for 7mm round rails (fig.6). Williams recommends seatposts with vertical-load clamps or seatposts with 7x9mm side-load clamps (fig.5).

**DO NOT** use a seatpost with rail grooves that are of a larger or smaller diameter than the 7mm diameter specified on Williams carbon rails (fig.6).

Recommended torque: Vertical-load clamp - 80 in-lbf (9.0 N\*m). Side-load clamp - 120 in-lbf (13.5 N\*m).

Recommended torques in this guide are specific for this Williams saddle. Consult the

clamping component's owner's manual for the seatpost's recommended torque. If the seatpost's torque recommendation exceeds the saddle's recommendation, always use the lower torque recommendation.

Williams composite saddles are made to be lightweight, and are not suitable for all riders and all possible uses. The rider weight limit for this saddle is 240lb (109kg). Failure to follow this warning may result in a catastrophic failure of the saddle, causing serious personal injury or death.

Any deep scratches or gouges in the saddle body or rails can weaken the saddle, resulting in failure and causing serious personal injury or death.

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 not be ridden and should be replaced. If a saddle has suffered a crash or impact, even if no damage is visible, Williams or a professional bike mechanic should inspect the product.

For your safety, Williams recommends this product be replaced after 3 years of use.

