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bp Stealth Composite Frame Care

Before you begin.....Notice – bp Stealth framesets / components should be assembled by a professionally certified bicycle mechanic only. Please thoroughly review these instructions before beginning any work on this bike or beginning assembly. Only a double front chain ring configuration can be used with this frame. A triple front chain ring will NOT work! When utilizing a repair stand, a round 27.2 mm seat post must be inserted into the seat tube. The repair stand clamping mechanism should never clamp onto any portion of the frame. The clamping mechanism should interface with the seat post only!

Seat Post

The bp-2 / Stealth frames requires a 27.2 mm diameter seat post. The seat post should be inserted a minimum of 70 mm from the top of the frames seat tube. Follow manufacturers instructions provided with seat post.

Head Set

A standard 1" threadless headset is required. A professional headset press should be utilized. Follow manufacturers instructions provided with headset.

Bottom Bracket

Required bottom bracket - 68 mm and BSA threaded. Grease the face and threads prior to installation. Loctite or other thread binding substance should not be used! Follow the manufactures instructions for installation torque. The spindle length must be at least 111 mm and not longer than 113 mm for 9 spd double. Note - a standard 109.5 mm Shimano bottom bracket can be used if a 2 mm shim is installed on the drive side bottom bracket cup. The chain ring bolts will not clear the chain stay if these directions are not followed. Not following these instructions will result in a damaged frame and a voided warranty.

Front Derailleur Mounting Bracket

Grease the threads of the mounting bolts before installing. Make certain the bolts are tightened enough to keep the bracket from moving during front derailleur shifts.

Drop Outs / Derailleur Hanger

This frame is equipped with standard drop out spacing of 130 mm. Generally hubs requiring spacing of 128 mm to 132 mm can be used but no greater and no less. Do not attempt to compress, bend or cold set the drop out spacing! The rear derailleur hanger is replaceable. If at any time, the replaceable derailleur hanger is bent, stop riding immediately! Contact Valdora / bp Stealth or your local dealer to acquire a replacement derailleur hanger.

Rear Brake

Brakes with a straight swing arm must be used. Brakes with a curved arm touch the frame when pressure is applied. Shimano 105 and Ultegra have a curved arm. Recommended brakes with straight arm – Shimano Dura Ace, DiaComp (Cane Creek) BRS200, Cane Creek BRS200SL.

Cable Routing

Use only stainless steel or Teflon coated cables. Not doing so will void the manufacturer's warranty. Insert the wire cables through the internal housing and determine the lengths of the external cable housing that you will need to precut. Remove cables, and reinsert utilizing precut housing.

Finish

Cleaning, washing, waxing compounds available from your local bicycle dealer can be used to keep your bicycle looking sharp. Never submerge your bike in water or spray with a hose. This can damage or decrease the life of your bicycle components. A damp rag and spray bottle will get the job done. If at some point you choose to repaint your Valdora / bp Stealth frame – select a painter experienced in the art of painting carbon composite. Paint stripping compounds must NOT be used. Nor should the frame be sand blasted, bead blasted or stripped by any other method. The surface paint should be gently scuffed by hand with sand paper to prepare for painting. Chemical paint strippers or blasting can weaken the composite surface.

Failure to follow these instructions could result in serious injury or death. Only an experienced mechanic should assemble!