CARBON FORK INSTALLATION

IMPROPER CUTTING OR INSTALLATION OF CARBON FORKS CAN BE EXPENSIVE OR DANGEROUS!

1. Read and understand all of the accompanying instructions BEFORE you start.

2. There is a maximum safe limit for the length of the fork and a corresponding maximum height for the attachment point of your handlebar stem. In particular, there must not be more than 5cm of spacing bushings separating the headset from the stem. While most Santana tandems are shipped with two bushings totaling 3cm (a 1cm bushing plus a 2cm bushing), it is necessary to verify this measurement on your particular tandem before proceeding.

3. The following "plus 100" formula assumes a Santana factory-installed headset (Dia Compe, Cane Creek, or Chris King), a Santana, forged, aluminum stem, and 3cm of bushings. While a different headset, stem, and/or bushing stack may change this measurement, you must not exceed 5cm of headset and stem separation.

4. If you verify the 3cm of spacers separating the original headset and stem, AND you do not wish to change the resulting stem height (and ride position), the correct steerer length will be the length of the headtube plus 100 millimeters. Recheck your measurements before cutting!

5. If you wish to use a taller or shorter stack of bushings (to achieve a higher or lower stem height), it will be necessary to adjust your trim length by the same amount. Without any bushings, the correct length of the trimmed steerer will be the headtube length plus 70mm. The maximum allowable steerer length is your headtube length plus 120mm (in which case you will need to install 5cm of bushings).

6. You or your dealer may have lowered your bars by repositioning a bushing above the stem. This practice, fine for a steel steerer, is unsafe for a carbon steerer. With a carbon steerer, the top of the stem must be nearly flush: only 3mm ±1mm above the top of the steerer.

7. Because the teeth of a standard hacksaw blade can rip apart the composite structure and destroy the integrity of the fork's steering tube, you should use a special, abrasive-coated, hacksaw blade.

USE THE SPECIAL EXPANSION PLUG INCLUDED WSITH THESE INSTRUCTIONS!

8. A carbon steerer, while exceptionally strong, is susceptible to cuts. For this reason you must not use a sharp-edged fastener like the "star-fangled nut" normally used to anchor a steel fork. The carbon steerer uses a special, smooth edged, internal, expansion plug that was packed in the same bag as the instruction sheet you are holding. Find and follow the enclosed instructions.

9. Similarly, carbon steerers cannot be used with a steel stem! Remove any sharp edges from the inner surface of your aluminum stem before sliding it onto the carbon steerer.

10. **Because a fork with a damaged or mis-trimmed steerer is not returnable,** do not proceed with installation, before you are certain that you understand all of the instructions. If you are unsure of your ability, please phone Santana for the name of a recommended installer.

NOTES ON TALL FRAMES

11. Two limitations may apply to those with larger frames. First, because travel cases built for tandems with couplers typically accommodate steerers as long as 255mm, a longer fork may need to be removed, before a tandem can be stowed within a suitcase-sized package. Second, the headtube length of very large frames plus 120mm, may exceed the pre-trimmed steerer length. In either of the above instances, a stem with greater rise will solve most problems.

SANTANA

FOR CUSTOMER SERVICE PLEASE PHONE: 1 (909) 596-7570 x72