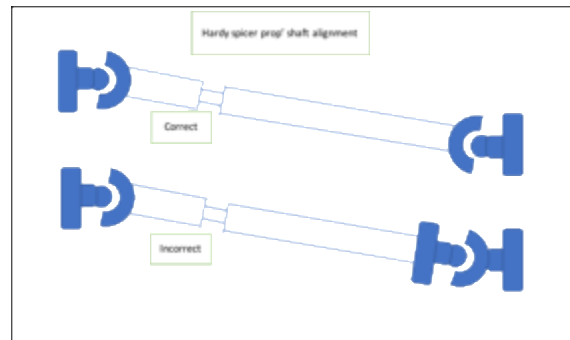


Prop shaft

I'm sure most members whose Sevens have Hardy Spicer prop-shafts understand the correct alignment of their universal joints. Unfortunately, I managed to assemble mine incorrectly and it caused a worrying noise and vibration - particularly noticeable when applying the power at around 45 mph.



The schematic diagram shows how the prop-shaft should be assembled. If necessary, any misalignment is simply corrected by separating the sliding spline joint and reassembling the shaft components in their correct relative position.

For readers with an enquiring mind – there is an excellent mathematical analysis on the Cornwall Austin Seven Club Website written by Geoff Hardman, that explains exactly why an incorrectly aligned shaft causes these unwanted vibrations Bob G