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Savannah Tip No 15: Savannah Driver, John Noonan, has kindly offered this tip for those having difficulty pneumatically balancing the carby's on their Rotax engines due to the routing of the throttle cables. Throttle cables with tighter bends on one side relative to the opposite side can result in a difference in effective travel of the throttle arms on the carby's due to the clearance between the inner cable and the outer sheave over several bends. John has modified the throttle system by adding another actuating arm on the right side of the throttle rod so that the tight bends to the right carby are eliminated.

John has also made the effective radius (and therefore travel length) of the right linkage adjustable. This has the effect of tuning out any difference in throttle arm movement between the two carby's and allows exactly the same travel for both carby's to be adjusted accurately over the whole rev range.

Please contact John direct if you have any queries re this mod. Email John@sigra.com.au

