



March 3, 2011

40S-1501 VG Leg 3:1 Retro Kit

The upgrade kit consists of:

- 20P-1207 Pulley Ronstan Single w/Becket
- 40P-5201 Wire VG Leg Pulley
- 30J-3012 Cord - 3mm OC3-3Y Yellow (18 feet)

Installation procedure

The installation is easiest with the glider folded in-the-bag.

Remove the existing VG system

1. Remove the clevis pin that secures the downtube to the top control bar fitting
2. Untie the upper VG cord from the traveling pulley in the downtube and tie a temporary knot in the upper VG cord to prevent it from slipping through the top fitting
3. Remove the clevis pin that secures the bottom downtube fitting and pull the plug and associated wires from the downtube
4. Displace the sleeve that secures the front and rear wires enough to release the VG cord then move the sleeve back into position
5. Remove the old VG system from the downtube

Install the new 3:1 system

6. Refer to the diagram for the proper orientation of the pulleys and cord routing
7. Check that the knot that secures the VG cord to the upper pulley becket is secure
8. Displace the sleeve that secures the front to rear wires enough to install the lower pulley cable loop then move the sleeve back into position
9. Check that the order of the cables (1) pulley anchor - outside (2) bottom rear - middle (3) bottom front - inside
10. Feed the loose end of the VG cord 6 inches through the lower downtube fitting and secure with an overhand knot
11. Pull the new VG system into the downtube with the old VG cord making sure that the orientation of the pulleys is correct and not twisted
12. Replace the bottom control bar plug, clevis pin and safety
13. Tie the upper VG system to the top pulley with a secure bowline knot in the same position as the previous knot
14. Replace the top control bar plug, clevis pin and safety

Set-up the glider and make final adjustments

15. At VG loose with the crossbar restrained by the sweep wire, verify that the upper VG system is snug and that the upper pulley in the downtube is pulled to the top of the downtube. If the pulley is not at the top of the downtube without slack in the system, the VG range will be reduced. Retie the knot at the noseplate or in the downtube as necessary
16. Verify the that the VG is smooth and that the crossbar achieves the full range of travel

WILLS WING

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