



CABLE INSTALLATION AND MAINTENANCE RECOMMENDATIONS

The following recommendations are given as a guide to help you install and setup your cables, and make sure you get the best from Venhill products.

INSTALLING A NEW CABLE

- Note the routing of the original cable and follow/match routing on installation.
- Check that the overall dimensions are the same as the old one. Inner cable lengths may be slightly different, as the old cables will have stretched slightly over time.
- Route the cable carefully and in most cases, as per the old cable, Make sure the cable will comfortably reach its intended connection.
- If the original cable routing is via a heat source, make sure that there is a suitable gap between the cable and the heat source. Match the protective sleeving or spring position as per original.
- If cable ties are required to route the cable, leave them loose allowing the cable to move. Too tight and they will restrict the operation of the cable and its ability to move with the handlebars.
- For **Push-Pull / Open-Close** throttle cables, always connect and adjust the **pull/ open** cable first where possible.
- When tightening locking nuts on adjusters (M5,M6,M7 and M8), take care not to over tighten. Hand tighten and then nip up to just over hand tight (Around 10-12NM).
- Where nipples require lubrication in levers or linkages, use a small amount of copper grease. Avoid using heavy greases as these will attract dirt, restrict the movement of the nipple and cause excessive wear and stress on the nipple and cable.
- When the cable has been installed, check the handlebar movement reaches to full lock and check the operation of the cable at both extremes of steering. Check that the cable does not go too tight and that operation is not impaired. If one of the above is true, check the cable routing, adjustment and that all the nipples are located properly.

MAINTENANCE

Cable maintenance is essential to prolong the life of the cable and maintain its operation.

- **MX / Trial bikes** – After a race meeting, when servicing or as often as possible after power washing, remove the cables from the bike and flush through with spray lubricant such as WD40. Keep flushing them through until the fluid runs clear.
- **Road bikes** – At the beginning and end of the summer, remove the cables and flush through with spay lubricant such as WD40. Lubricate nipples where required with Copper grease. Note barrel nipples must be free to rotate in the lever blade.

Do not use heavy engine oils, chain lubricants or grease to lubricate cables as this will attract dirt, increase cable wear and reduce the operation of the cable. Remember: Cables are a service item and should be replaced at regular intervals.

If in doubt about installing a cable please consult your nearest qualified motorcycle mechanic.