

VT No. 32-8533 Ultima Plus Electronic Wiring System

General Steps:

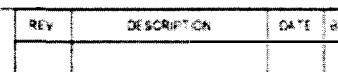
1. Mount the Control Box: Find a secure spot away from heat and moving parts, usually the top frame rail between tanks, securing with screws/zip ties.
2. Pre-Fit the Harness: Attach the rear harness to the control box, route wires (color-coded and labeled) to their destinations (coil, module, etc.), taping them loosely into bundles.
3. Route & Secure: Run individual wires from bundles, leaving slack for suspension; use electrical tape to secure bundles; keep away from sharp edges.
4. Install Ignition Module: Route wires through the nose cone, install the module, and attach terminals (blue, pink, white) to the new coil's center (white + ignition), front cylinder, and rear cylinder terminals.
5. Connect Remaining Wires: Connect green/purple wires to the vacuum advance switch and tach output as needed.
6. Test: Ensure all connections are secure and functional before riding.

Key Wire Connections (Typical):

- White: Switched hot (joins with ignition switch white wire at coil center post).
- Blue/Pink: Front & Rear cylinders.
- Green/Purple: Vacuum advance switch & Tach output (unused if not needed).

Tips:

- Take your time; it can be overwhelming.
- A helper can make sorting wires much easier.
- Use heat shrink tubing for durable connections.



SEE SEPARATE PARTS LIST

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