



640928

Micro Harness Controller by Thunder Heart Performance

This kit consolidates all of the electronic functions of a motorcycle (with the exception of instrumentation and engine management) into one, easy-to-hide system! Perfect for choppers and for bikes with split tanks.

- Billet aluminum controller housing
- Unterminated 36 position 'fantail' harness, shrink tubing, and all necessary connectors, and a comprehensive instruction and troubleshooting manual
- Performs all fuse, relay, and signal cancelling functions in one simple package
- Provides multiple flasher combinations, and all lighting functions
- Reduces size, weight, and overall complexity of the electrical system
- Utilizes relays to distribute all power functions, thus eliminating the need to run large wires to all the switches
- Small size of controller housing allows multiple mounting locations both visible and hidden
- Weather resistant connections for trouble-free use in extreme environments
- Trim-to-fit harness that is adaptable on most custom bikes

640331 Micro Harness Controller

Center Brake Light Module by Thunder Heart Performance

Harness Micro Harness Controller EA4260 (CC #640331) incorporates turn signals, running lights, and brake lights into two rear bulbs. This simplifies the rear lighting popular with today's custom bike builders. However, some builders wish to add a third brake light (such as a fender-mounted center brake light, or a brake light mounted on the license plate frame). The center brake light module allows the addition of such lights when using the micro harness controller. It is compatible with both LED and incandescent bulbs. The solid-state construction is fully circuit-protected and has no relays to wear out. It's compact 2" x 0.6" x 0.5" size means you can hide it just about anywhere. The simple four-wire hook-up and included wiring diagram make installation a breeze.

640928 Center Brake Light Module



System Module shown activated under water



Custom Wiring Harness Kits by Wire Plus

Self-diagnosing wiring systems, from Wire Plus have LEDs that indicate the integrity of the various major circuits. An LED that changes colors from green to red, indicates a shorted circuit. Completely modern electronic designs feature solid state breakers that never need to be replaced, replaceable starter relays and all connections are sealed in vibration and moisture resistant epoxy. Available in four styles:

- Seat Post (rear coil) mount has the ignition switch integrated in a chrome billet housing
- Motor Mount systems have chrome billet housings and mount on FXR-style top motor mounts
- Flatside Tank systems are installed on the frame between the 'flatside' Fat Bob gas tanks
- Mid-Frame systems mount on the upper splash guard behind the battery box in the oil tank area

Note: The Original Equipment automatic turn signal cancelling feature may be retained on any of the wiring harness kits described above with the additional purchase of a CC #24692 Auto-Cancel Module.



Wire Plus Flatside Tank Systems

Mounts on the frame backbone of any bike equipped with flatside gas tanks as well as Softail models from 84-95. Water and vibration proof. Black anodized billet lid (CC #640349) is available to cover the module if it is installed in a visible area.

640348 Kit with chopper style harness for minimal system switches and provisions for turn signals

Note: Twin Cam 88 models from 1999 to present require an additional Wire Plus ignition wire harness kit found elsewhere on this page. Choose from CC #'s 640351 thru 640353 depending on your motorcycle configuration.



Wire Plus Wiring Systems for Twin Cam Models

All Wire Plus systems are available in configurations that support all stock and aftermarket Twin Cam ignition modules. There are some important factors to consider when selecting the proper wiring system for your Twin Cam model:

- Year of motor: 1999 motors feature a cam position sensor not used in mid 00-01 models (Sensor Configuration)
- Original Equipment or aftermarket ignition module: aftermarket ignition modules do not support the data link to connect to factory diagnostic equipment. Aftermarket ignition modules flash codes through the service engine light wiring provided in both Wire Plus systems
- Bank angle sensor: must be used on stock (and early model aftermarket) ignition modules

Provides all sensor connections required by Original Equipment and aftermarket ignition modules. Includes connections for M.A.P. sensor, crank sensor, bank angle sensor, ignition coil and data link.

640351 Fits all models from 99-07

640868 One Plug ignition harness to connect to later model ignition modules with only one 12 pin Deutsch connector. Includes wires and connectors for: M.A.P. sensor, crank sensor, coil, vignition module and data link.