



MC 1000 ECU

Crank +	P1 A1
Crank -	P1 B1
Coolant Temp	P1 B3
+3 Vdc Supply	P1 B3
CAN -	P1 B4
Syn on LED	P1 C3
Air Temp	P1 C1
Sensor Fall LED	P1 D4
Stepper A	P1 E1
Stepper B	P1 E2
Throttle Position	P1 E3
Sensor Ground	P1 E4
Stepper C	P1 F1
Stepper D	P1 F2
Stepper E	P1 F3
CAN	P1 F4
Power Ground	P1 G4
Fuel Pump	P1 H1
Injector #2	P1 H2
Injector #1	P1 H3
+12V	P1 H4
K Line	P2 A2
L Line	P2 B2
Map Select	P2 B3
Trim Down	P2 C1
Chassis Ground	P2 C4
Trim Up	P2 D1
Trim Up	P2 D2
Trim Up	P2 D3
Temp LED	P2 D2
Power Ground	P2 G4
Power Ground	P2 G4
Ignition Coil	P2 H1

- Ring Terminal
- Battery Lug
- Battery Cable
- Twisted Pair
- Female connector (sockets)
- Male connector (pins)
- Insulated Splice
- Pushbutton
- Diode

HARNESS CONN. ID.	FUNCTION	CONNECTOR
P1	ECU	CINCH P/N 5800400001 32P BLACK
P2	ECU	CINCH P/N 5800400003 32P GREY
CN-2	CRANK PICKUP	AMP 963040-3 Jr. POWER TIMER
CN-3	THROTTLE POSITION SENSOR	PACKARD METRI-PACK CONN. 3F 12162182
CN-4	COOLANT TEMP. SENSOR	AMP 963040-3 Jr. POWER TIMER
CN-5	AIR TEMP. SENSOR	AMP 963040-3 Jr. POWER TIMER
CN-6	RIGHT INJECTOR	AMP 963040-3 Jr. POWER TIMER
CN-7	LEFT INJECTOR	AMP 963040-3 Jr. POWER TIMER
CN-8	IGNITION COIL	FRAMATOME 211PC02250021
CN-12	START BUTTON	PACKARD WEATHER-PACK CONN. 2M 12010973
CN-13	STOP BUTTON	PACKARD WEATHER-PACK CONN. 2F 12015792
CN-14	VOLTAGE REGULATOR	PACKARD WEATHER-PACK CONN. 2M 12010973
CN-15	STARTER SOLENOID	PACKARD WEATHER-PACK CONN. 2M 12010973
CN-16	FUEL PUMP	PACKARD WEATHER-PACK CONN. 2M 12010973
CN-17	VBATT +	PACKARD WEATHER-PACK CONN. 2M 12010973
CN-24	SWITCH PANEL	DEUTSCH DTM SERIES DTM06-12S
CN-24	SWITCH PANEL COVER	DEUTSCH DTM SERIES DTM04-12P
CN-25	STEPPER MOTOR	PACKARD METRI-PACK CONN. 150.2 12162188
CN-26	LIGHT CONNECTOR	PACKARD WEATHER-PACK CONN. 1F 12015791
R2	RELAY BASE	PACKARD METRI-PACK 12033871
R2	RELAY BASE TPA	PACKARD METRI-PACK TPA 12033872
F1	FUSE HOLDER	PACKARD 630 CONN. 2F 12085030

Note: Stop Button is maintained opened or closed, Not Momentarily

This drawing contains information proprietary and confidential to Cannondale Corp. Any reproduction, disclosure, or use of this drawing is expressly prohibited except as Cannondale Corp. may otherwise authorize in writing.



2002 Motorcycle MC1000 Wiring Harness Schematic
For Main Harness - P/N 5002086 (X-5)