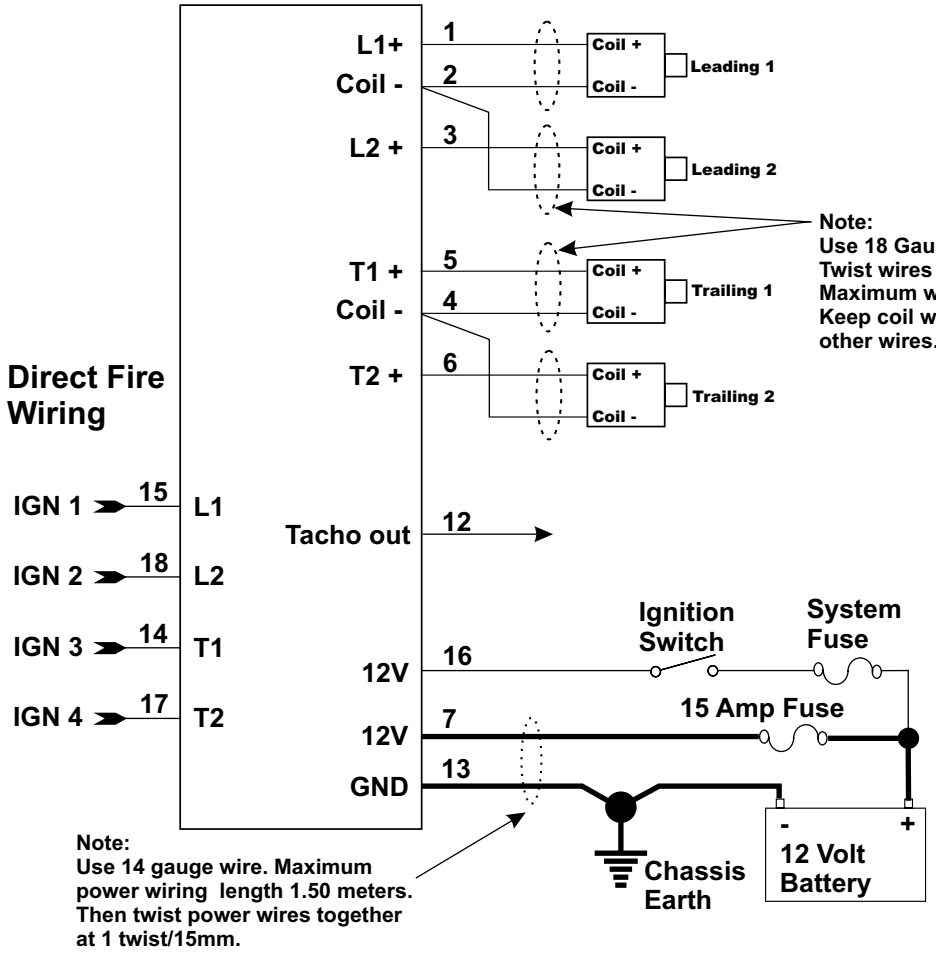
CDI

IMPORTANT: This diagram is for MoTeC #41002 ONLY
Use M47 sheet 4 for MoTeC # 41012. Using the incorrect wiring diagram may cause damage to CDI or wiring.

PART 41002 IS NOT A DIRECT REPLACEMENT FOR 41012



Note:
Use 18 Gauge wire.
Twist wires from CDI to coils at 1 twist/15mm.
Maximum wire length1.5 meters.
Keep coil wires away from input wires to ECU and all other wires.

Note:
Use 14 gauge wire. Maximum power wiring length 1.50 meters.
Then twist power wires together at 1 twist/15mm.

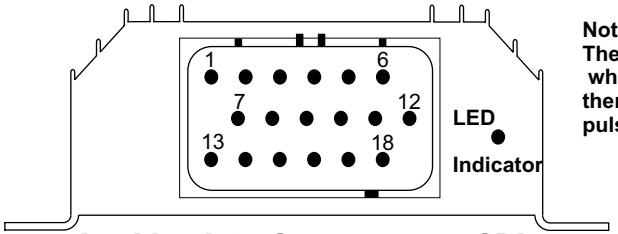
CAUTION!
HIGH VOLTAGE

M400/M600/M800 / (M880)

IGN1 ←	A3 / (1)	IGN1
IGN2 ←	A4 / (5)	IGN2
IGN3 ←	A5 / (4)	IGN3
IGN4 ←	A6 / (10)	IGN4

ECU Setup	
Ignition Type	=140
Coils	= 4
Dwell	= 0

MoTeC Connector Kit #65018



Looking into Connector on CDI

Note:
The LED indicator wil illuminate when power is first applied and then flash with each trigger pulse.

Note:
Do not mount the CDI where it can be exposed to water.
Do not mount the CDI near hot engine components.
The CDI must be isolated from strong Vibration.

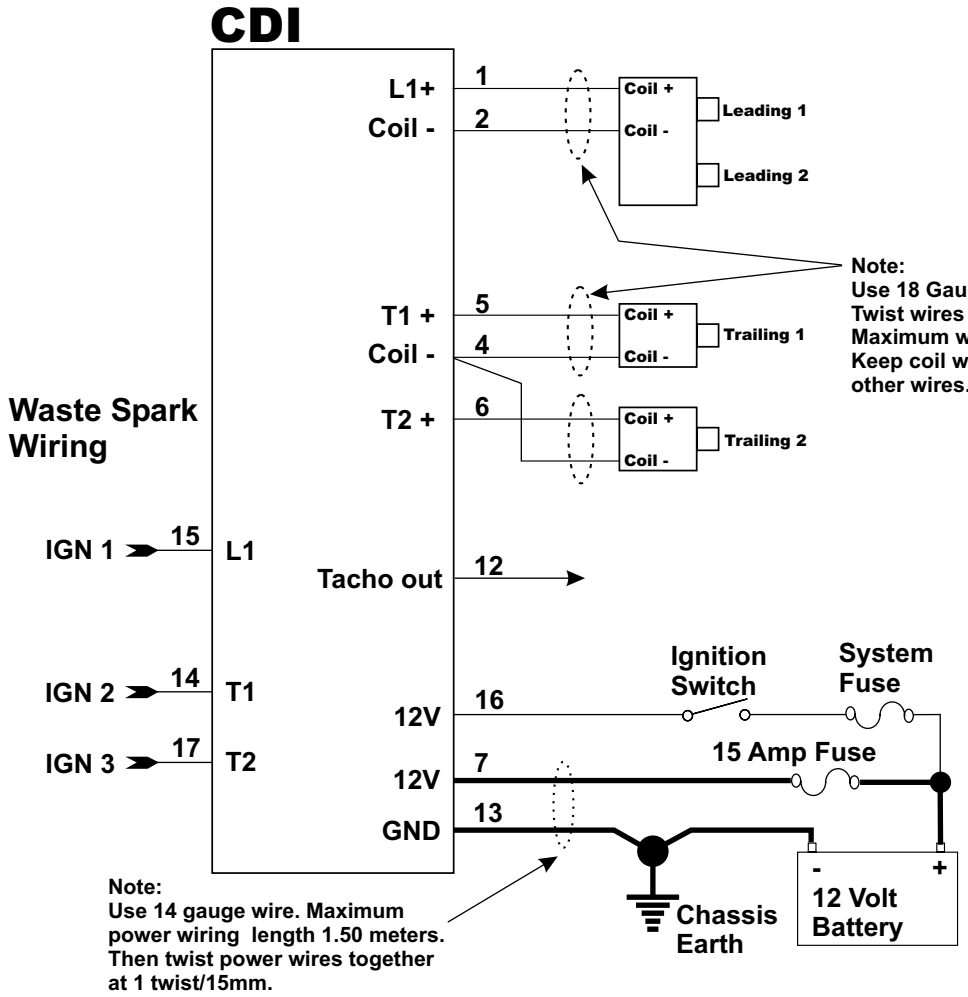
Specifications	
Maximum Supply Current:	7.5A
Tacho output:	12V, 25mA square wave
Maximum operating Temperature:	85 Deg C.
Maximum RPM:	10,500

MoTeC	Title	MoTeC Rotary CDI				Sheet No	Drawing No
	Date	26/07/2006	Drawn ST	App	Products ECU	1 of 6	M47

CDI

IMPORTANT: This diagram is for MoTeC #41002 ONLY
Use M47 sheet 5 for MoTeC # 41012. Using the incorrect wiring diagram may cause damage to CDI or wiring.

PART 41002 IS NOT A DIRECT REPLACEMENT FOR 41012

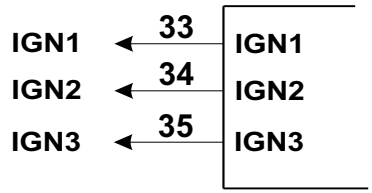


Note:
Use 18 Gauge wire.
Twist wires from CDI to coils at 1 twist/15mm.
Maximum wire length1.5 meters.
Keep coil wires away from input wires to ECU and all other wires.

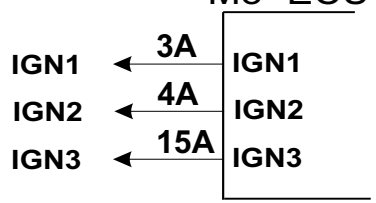
Note:
Use 14 gauge wire. Maximum power wiring length 1.50 meters.
Then twist power wires together at 1 twist/15mm.

CAUTION!
HIGH VOLTAGE

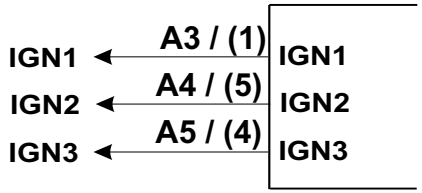
M4 ECU



M8- ECU

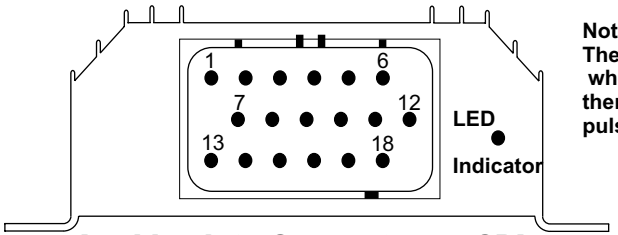


M400/M600/M800 / (M880)



ECU Setup	
Ignition Type	=102
Coils	= 1
Dwell	= 0

MoTeC Connector Kit #65018



Looking into Connector on CDI

Note:
The LED indicator wil illuminate when power is first applied and then flash with each trigger pulse.

Note:
Do not mount the CDI where it can be exposed to water.
Do not mount the CDI near hot engine components.
The CDI must be isolated from strong Vibration.

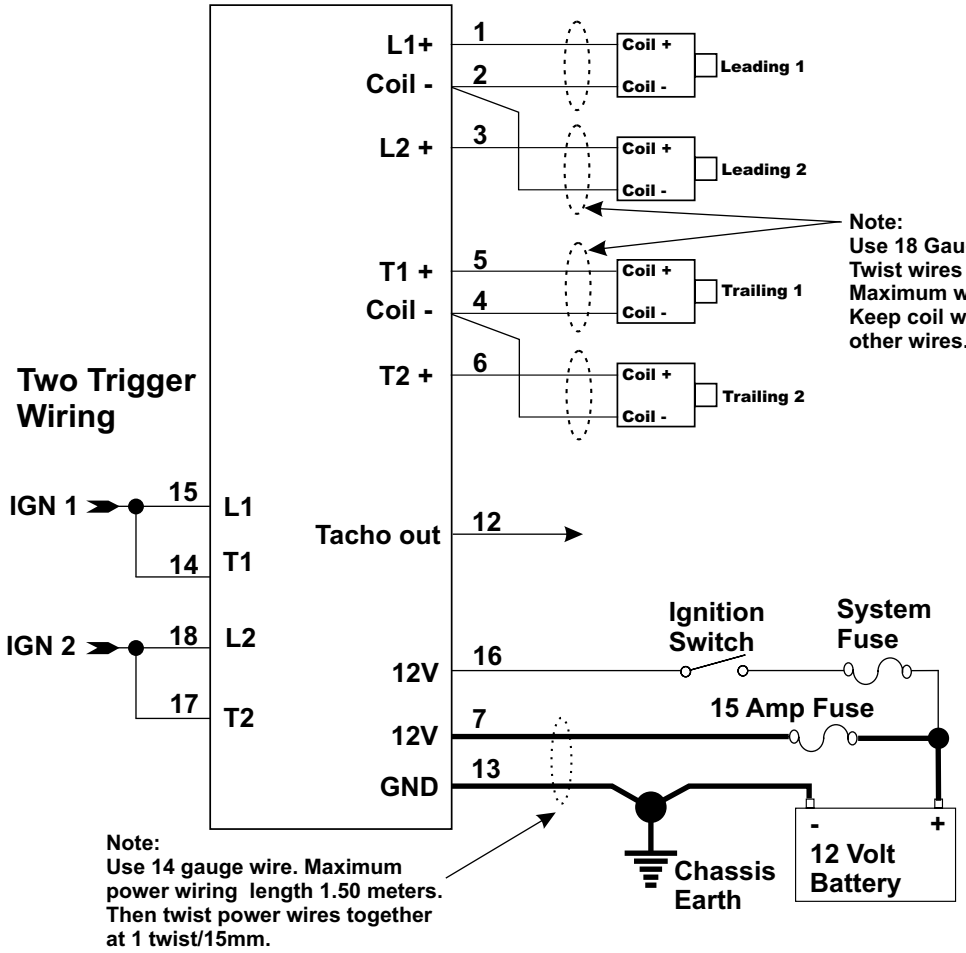
Specifications	
Maximum Supply Current:	7.5A
Tacho output:	12V, 25mA square wave
Maximum operating Temperature:	85 Deg C.
Maximum RPM:	10,500

MoTeC	Title	MoTeC Rotary CDI				Sheet No	Drawing No
	Date	26/07/2006	Drawn ST	App	Products ECU	2 of 6	M47

CDI

IMPORTANT: This diagram is for MoTeC #41002 ONLY
Use M47 sheet 6 for MoTeC # 41012. Using the incorrect wiring diagram may cause damage to CDI or wiring.

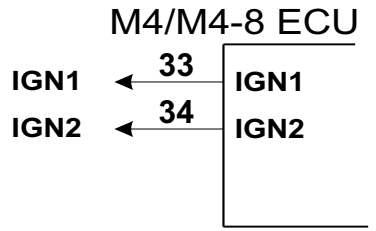
PART 41002 IS NOT A DIRECT REPLACEMENT FOR 41012

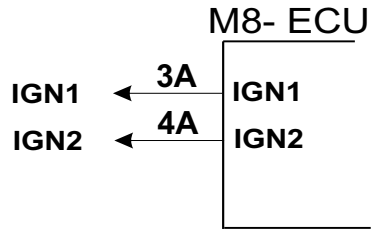


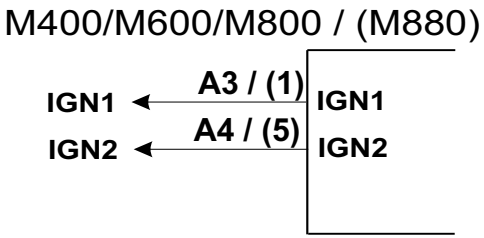
Note:
Use 18 Gauge wire.
Twist wires from CDI to coils at 1 twist/15mm.
Maximum wire length1.5 meters.
Keep coil wires away from input wires to ECU and all other wires.

Note:
Use 14 gauge wire. Maximum power wiring length 1.50 meters.
Then twist power wires together at 1 twist/15mm.

CAUTION!
HIGH VOLTAGE

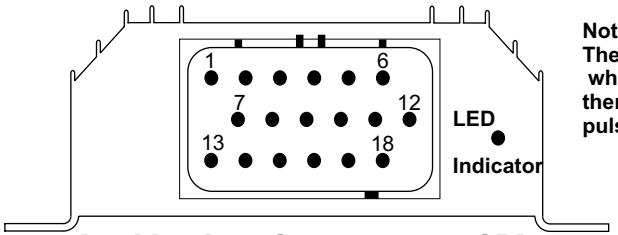






ECU Setup
Ignition Type =1
Coils = 2
Dwell = 0
No ignition split in this mode

MoTeC Connector Kit #65018



Looking into Connector on CDI

Note:
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Specifications	
Maximum Supply Current:	7.5A
Tacho output:	12V, 25mA square wave
Maximum operating Temperature:	85 Deg C.
Maximum RPM:	10,500

MoTeC	Title MoTeC Rotary CDI				Sheet No	Drawing No
	Date 26/07/2006	Drawn ST	App	Products ECU	3 of 6	M47