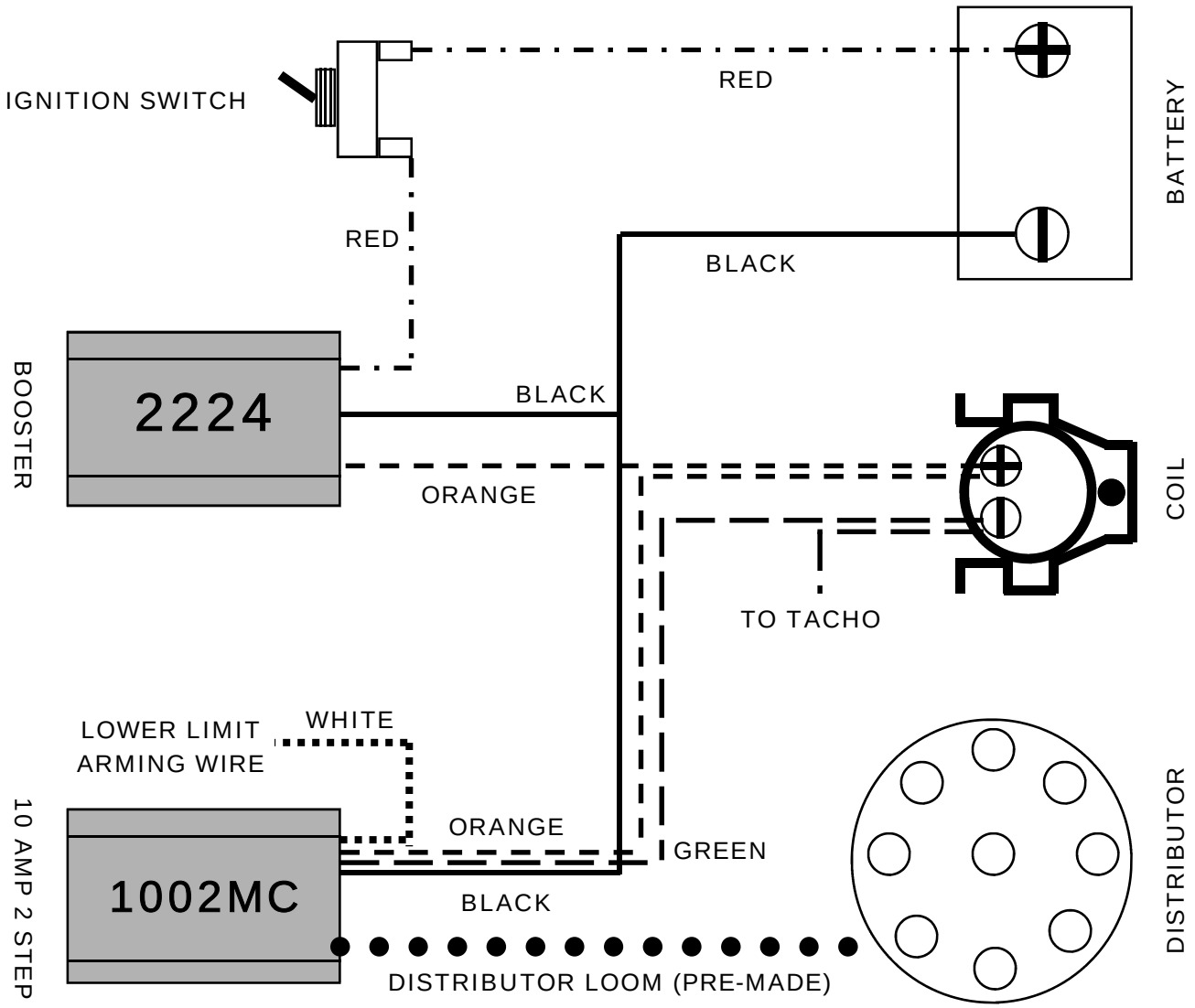
ICE Ignition Components & Electronics

www.iceignition.com

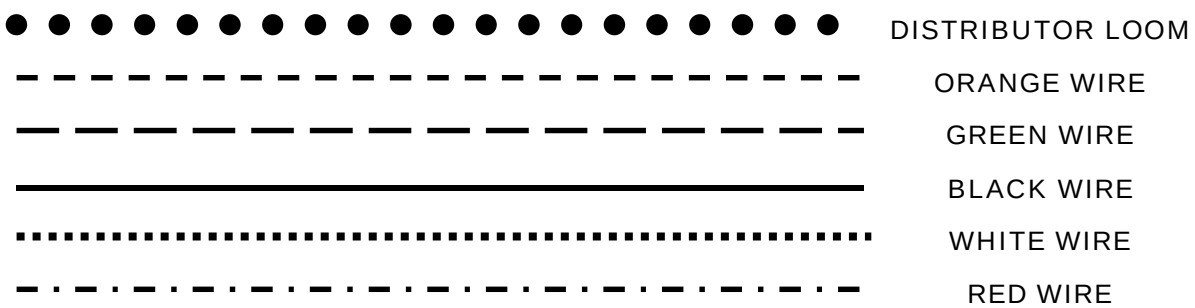
A Division of The *ICE* Group Pty Ltd A.B.N 73 079 130 608

Unit 23, 417-419 Warrigal Road, Cheltenham, Victoria, 3192. **Phone:** + 613 9532 6000 **Fax:** + 613 9532 6001

10 AMP 2 STEP PART NO: 1002MC - INC BOOSTER



WIRE COLOR LEGEND



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10 AMP 2 STEP PART NO: 1002MC - WIRING NOTES

*** Orange Wires to Coil Positive (each coil positive wire to run individually to coil positive as per diagram).**

*** Green Wire to Coil Negative (each coil negative wire to run individually to coil negative as per diagram).**

*** Vehicle tacho wire (usually green) to coil negative.**

*** Black Wires to Earth (common earth is ideal - as per diagram - but not always possible / necessary).**

*** White Wire : Apply 12 volts to activate lower limit (usually armed by trans-brake switch or similar).**

*** If wired correctly, two wires go to coil positive and two wires go to coil negative (one from tacho).**

*** Ensure the module wires (orange, green & black) run direct to the ignition coil, as a separate loom.**

*** Ensure the distributor to module loom is routed separately from the module to coil loom.**

*** Keep both these looms routed away from the ignition leads.**

*** Make sure both the vehicle body and engine are earthed to the battery.**

*** I.E. There must be an earth strap from the battery to the vehicle body, and the vehicle body to the engine.**

*** These measures are to ensure no noise enters the loom and disrupts the microprocessor inside the unit.**

*** Mount the unit using the vibration mounts supplied, inside the vehicle cabin, away from heat and moisture.**

*** Avoid soldering wires, as they become brittle where the solder ends, flex at that point, then break.**

*** Must be used with booster (Part No: 2224) no exceptions.**

*** Ensure that the booster has a direct supply of at least 13.5 volts when engine is running to guarantee full 24 volts.**

*** If vehicle has ballast resistor or resistor wire, by-pass these and feed direct voltage to red wire of booster.**

*** Never leave original wire from the ignition switch connected to the coil positive (refer diagram).**

*** Do not try to power anything but a single *ICE* coil (Part No: 4100 only) with the 2224 Booster.**

*** To ensure unit functions correctly, the above steps must be adhered to.**

* PLEASE READ AND FOLLOW ALL OF THE ABOVE DIRECTIONS.

* ANY FURTHER QUESTIONS SHOULD BE DIRECTED TO THE ABOVE CONTACT DETAILS.

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10 AMP 2 STEP PART NO: 1002MC
10 ADVANCE CURVES

DIGIT	DEGREES OF AUTOMATIC ADVANCE @ ENGINE RPM
0 =	6 DEGREES @ 2800 RPM
1 =	8 DEGREES @ 2800 RPM
2 =	10 DEGREES @ 2800 RPM
3 =	12 DEGREES @ 2800 RPM
4 =	14 DEGREES @ 2800 RPM
5 =	6 DEGREES @ 3800 RPM
6 =	8 DEGREES @ 3800 RPM
7 =	10 DEGREES @ 3800 RPM
8 =	12 DEGREES @ 3800 RPM
9 =	14 DEGREES @ 3800 RPM

EXPRESSED IN CRANKSHAFT DEGREES @ ENGINE RPM