IMCA Approved Ignition Boxes and Rev-Limiters
(Revised January 1, 2018)

HEI Distributors: must use MSD p/n 8728 or 8727CT Soft Touch Rev-limiter or DUI P/N 380777.
Note: Modifieds, Stock Cars and Southern Sportmods with circuit board HEI modules with built-in rev-limiters are not acceptable. You can continue to use the module but you will have to use one of the two approved rev-limiters. Turn up circuit board rev-limiter to maximum rpm.

DUI - Rev Limiter Part# 380777 may be used with HEI distributor. Chip must face up.

MSD Ignition – Box must be mounted with chip or dials facing up or out for easy access.
6T, p/n 6400 - must use plug-in MSD p/n 8738 Soft Touch Rev-Limiter
6AL, p/n 6420
Digital 6AL, p/n 6425
6CT, p/n 6427CT
6ALN, p/n 6430
6HVC, p/n 6601
6HVC, p/n 6631 (Deutsch Plug)
6HVC, p/n 6632 (Deutsch Plug)
Street Fire p/n 5520
Soft Touch Rev-Limiter, p/n 8728 or 8727CT – use with GM, Ford, Mopar points, amplifier, or magnetic pickup distributors/ignitions. 8728-6 w/pigtail is also legal.
Soft Touch Rev-Limiter, p/n 8738 – use with 6 series ignition boxes w/pigtail.
MSD HEI replacement module p/n 83647 (Not legal in Hobby or Northern Sport Mods)
MSD E-Curve Distributor is not legal.

MSD Chip Values:
6,200 RPM Module = 4,787.7 Ohms ± 1%. Max reading is 4,835.6 Ohms
6,400 RPM Module = 5,002.1 Ohms ± 1%. Max reading is 5,025.1 Ohms
7,400 RPM Module = 6,149.3 Ohms ± 1%. Max reading is 6,210.8 Ohms
7,800 RPM Module = 6,646.4 Ohms ± 1%. Max reading is 6,712.9 Ohms
8,000 RPM Module = 6,904.0 Ohms ± 1%. Max reading is 6,973.0 Ohms

CRANE Ignition – Adjustable ignition boxes must have dials permanently sealed
HI-6RC Ignition p/n 6000-6700
HI-6N Oval track Ignition, p/n 6000-6410 (Weatherpak Plug)
HI-6N Oval track Ignition, p/n 6000-6412 (Deutsch Plug)
HI-6RN Oval track Ignition, p/n 6000-6750. Digital
HI-6RL Oval Track Ignition, p/n 6000-6464: sealed, preset 6400 RPM Limit
Hi -6RL Oval Track Ignition, p/n 6000 – 6474: sealed, preset 7400 RPM Limit
HI-6RL Modified Ignition, p/n 6000-6478: sealed, preset 7800 RPM Limit
HI-6RL Late Model Ignition, p/n 6000-6480: sealed, preset 8000 RPM Limit
CRANE HEI replacement module p/n 1000-2510 (Not legal in Hobby or Northern Sport Mods)
CRANE Pro Curve Distributor is not legal.

MALLORY Ignition
HYFIRE 6AL Digital CD Ignition, p/n 6853M
HYFIRE Off Road w/rev limiter, p/n 6867M
IGN, CT Pro w/rev limiter, p/n 6864M
Max-Fire Electronic Programmable Distributor is not legal.

ACCEL Ignition
300+ Ignition w/rev limiter, p/n 49300

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E3 Ignition
DiamondFIRE 6CDI, p/n E3.1440

FAST Ignition
E6, p/n 6000-6700

Late Model Only - Magnetos
MSD Pro-Mag Magnetos: Must use Pro Mag Box p/n 8106 w/max 8,000 RPM chip.
Vertex and Mallory Magnetos: Manufactured by ETC, Inc (307-856-1637) and available through their stocking dealer, Fuel Injection Enterprises at 541-990-2485.