



1800 West D Street
Vinton, IA 52349
www.imca.com
319.472.2201

IMCA Approved Ignition Boxes and Rev-Limiters

(Revised January 2024)

HEI Distributors: Must use 8727CT Soft Touch Rev-limiter.

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 the 8727CT rev-limiter. Circuit board rev-limiter must be set to maximum rpm.

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 SportMods)

MSD E-Curve Distributor is not legal.

MSD Chip Values:

6,800 RPM Module = 5,449.0 Ohms \pm 1%. Max reading is 5,503.5 Ohms

7,400 RPM Module = 6,149.3 Ohms \pm 1%. Max reading is 6,210.8 Ohms

7,800 RPM Module = 6,646.4 Ohms \pm 1%. Max reading is 6,712.9 Ohms

8,000 RPM Module = 6,904.0 Ohms \pm 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 SportMods)

CRANE Pro Curve Distributor is not legal.

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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

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.