HYDROGEN

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INDUSTRY MAGAZINE





# **FEATURE** 01 | Talking Street

Hydrogen Hot Rod Update.

## 02 | Garage News

Advances made and discovered in the Hydrogen Hot Rod Industry.



# **ARTICLES**

# 03 | Street Driver

Highlighted Hot Rod Builders.

## 04 | H2 Hotrod Parts

Part News and Product Developments with scheduled events



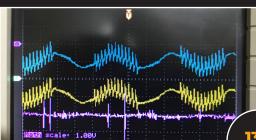
## **07** | Electronics Ready

Constant updates for Hydrogen On-**Demand Electronics** 



# **09** | Nano Bubble Water Fuels

A brief introduction to Water Fuels.

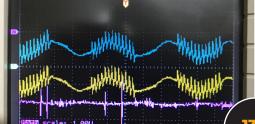


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# 21 | Stanley A Meyer

Stanley A Meyer gets his on page spread RIP Mr Meyer .



# **Talking**STREET

RANTS AND RAVES, AND REVIEWS FROM THE WORLD

# **Hydrogen On-Demand Outlaws Crusing the Streets!**

As we Launch this Special Edition Magazine, and it goes to print, I am inspired and pleased to advise that the Hydrogen Hot Rodding industry is well under way and fully birthed. The Hot Rodding of combustion engines and the engineering of custom street machines, has covered over 100 Years of fossil fuel engine technology, and has led the recreational performance Hotrod aftermarket industry into a cul-de-sac when it comes to meeting emissions while allowing customization with performance engine speed parts.

The non Hot Rodding press and untrained Hydrogen Combustion engine government officials, often try to dictate that the consequence of the MODERN "green emission rules / good intentions" are that the many component parts and services industries for the combustion engine industry, such as, customizers and hot rodders are to close. All being told, they will be made obsolete and phased out, doomed to be outlawed steadily and replaced by Electric cars and H2 Range Extended Electric Cars. Things like Transmissions, Exhausts, ignitions, Radiators, and parts for the combustion engine, to name a few, are all to become history. Engine service companies of every size and caliber along with the Sport and Recreational clubs, events and customizers along with the Hot Rodding, Race, and Combustion engine performance parts Industries are all to be closed and pushed out of existance.

As I watch and follow the Custom Hot Rodding and Parts Industry change, particulary over the Past 10 years, I have seen a "Middle Generation" of the Hot Rod industry

professional 1990 to 2020 become confused. How to pass-on the art? the fun? I have watched artistic hot rodders and the ambitious engine builders dwindle and become confused by new oppressive modification and parts laws, often trying to save themselves by attempting to learn how to customize & Hot Rod a Prius? a Tacoma? OMG! But wait, there is Good News! There is a Green Performance Combustion path: Hydrogen Hot Rodding: "High Performance Hydrogen Combustion Engines." Is it illegal? Yes! Totally. Is it Green? Yes! Totally.



The future of the Performance Parts Industry is for Hydrogen Hot Rodders and Home Hot Rodder Builder to Write. Will the outlaws write the future from home grown secret technologies as they have done before?, Yes, I think they will - this Magazine Supports that Path... Join us!

# **CarageNEWS**

COOL NEW STUFF AND REVIEWS FROM THE WORLD



## 775 HP BOSS

Rotary valve V8 conversion to Nano Buble Water fueling via the GMS control system.

Chilled water tank with quenching tube saftey systems.

- Nano Bubble install on a Rotary V8.
- · Original Body Restored
- Incorporating the Hydruino ECU system.



# **Hot Rodding with Hydrogen**

Home Builders around the world are implementing the Nano Bubble fueling systems for their Hydrogen Hot Rod Build. The easy-to-install system allows for rapid roll out of custom projects.



# **Racing with Nano Bubble Fuels**

As Hydrogen Hot Rodders and builders learn of the tunability of Fuel with more force than heat, we see a new era of road, track and racing being born.

Too often we have overlooked the Drift racing and Dyno tuners ability to custom tune high performance fuels. We can now see they have a clear advantage in mastering and understanding these new technologies to lead and establish a new era of Powerful and carbon free Hot Rodding.



# The Importance of Chilling our Fuels

Cold Nano Bubble Water fuels hold more bubbles, longer, if the tempreture and the positive-charge is maintained on the saturated fuel gases, they can stay in water for up to 2 years.

- Powerful energy density water fuels
- Can be run on engines and turbines as a boost or over drive feature.

# **Street** DRIVER

RANTS AND RAVES, AND REVIEWS FROM THE WORLD



# **Hydrogen Cobra**

Now that we have 10 kg and 20 kg type 4 tanks from Korea at DOT approved 600 bar, we can see many short burst hydrogen race engines and hot rods being built to complete both combustion and h2 electric hot rodders.

# **Hydrogen Fuel Injection**

Hydrogen Fuel Injectors were for a long time a restricted and hard-to-order product - during the last 5 years we have seen many new products enter the market, and started to raise the flow rates pressures and engine types covered.





# Stacking Dizzy's

Now than Hyduino ECU has new dual fuel maps and timing maps, we can run dual VR sensors and control water spark plug injectors for direct conversion to Nano Bubble Fuels.

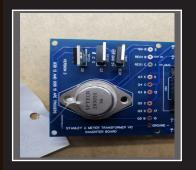
# **Billet Flat Wire Alternators**

With the recent discovery of flat wire wound 6 phase and 9 phase alternators, we see massive Voltage Gains for running Voltrolysis systems on deregulated DC output Alternators.



# **(H2Hotrod**PARTS

PARTS AND TECH TO REVIEW FROM THE ON-DEMAND INDUSTRY



# **Plug and Play Electronics**

Stanley A Meyer circuits where found saved, documented, proven and replicated.

- Builders globally are now using these solutions in their builds
- GMS Gas Management system all circuits
- The Auto Water Fuel refill circuits
- The Saftey Cards
- Voltage intensifier Circuits

# HYDROGEN HOT ROD CUSTOM KITS...

**MORE POWER...** 

The **NEW Nano Bubble** 

Fuels are NOW in the

Mainstream... Hydrogen Hot

Rodders and Drift Race Tuners are

advancing the products, services and projects, globally... Join our

Teams and Advertise with us!

Whether You are a Customizer, a Racer or/and Builder, there is a Nano Bubble Hot Rod Kit to suit Your Engine...



# **Hydrogen Hot Rodding Kits**

The Parts which are now shipping include, Hydrogen Injectors, Hydruino ECU systems, GMS Gas Management Systems, Solenoids, Water Spark Injector Plugs, Engine Intake Gas Charge Processors, WGC Water Fuel Cells, High Voltage Flat Wind alternators wiring looms and much more.



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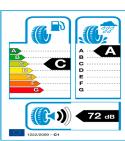
# **Hydrogen Customs**

Secure Supplies has partnered with Hydrogen Hot Rods to bring forward some of the most rare and cutting-edge technologies. Now everyone can have a Hydrogen Custom Vehicle.

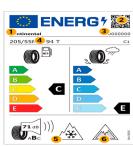




## The new EU tyre label | New content:



- Trade name / brand of the Suppliers
- QR-code (direct access to the public part of the EU product database
- Tyre type identification (item number)
- Tyre size, load index, speed index
- 5 Snow handle pictogram: 3PMSF
- 6 lce grip piktrogram





# Ontinental 3

The Future in Motion



# Electronics

# Now the Gas Management System is Complete, Lets Cover some Points...

# Ready to MAKE FUEL? You will need these tips!

# USE CONCENTRIC TUBES CELL DESIGN

Wet Tubes cells make 3.75 times more gas per minute than plate cells.

# USE DOUBLE DISTILLED WATER, NO ELECTROLYTES AND NO SALTS

Voltrolysis uses very low amps due to this very reason

### **USE A GATE AND SWITCH** By

using a gate and switch with your PWM signal you avoid the dead short and amp draw, same as Stanley A Meyer showed us.

## **EXTRACT ELECTRONS**

Learn and understand how to make EXPLOSIVE GTNT Fuel by extracting electrons and managing your engine's static charges.

## ARTICLE BY **DANIEL DONATELLI**

2020 Has come and gone, forever remembered as the year Hydrogen Hot Rodding was born.

During 2019 the question was raised if we go to electric drive trains, what will happen to all of our combustion engine support industries? Spark Plugs, Coils, Exhausts and radiator cooling parts manufacture, supply and installation industries?

Answer: The world is not going to swap National Oil Deficits for Battery Ingredient deficits, when they can sustain all Automotive and combustion industries by using green hydrogen fueling for advanced combustion engines.

So Rest Easy: the HIGH PERFORMANCE ENGINE industry is already adapting to these new product changes.

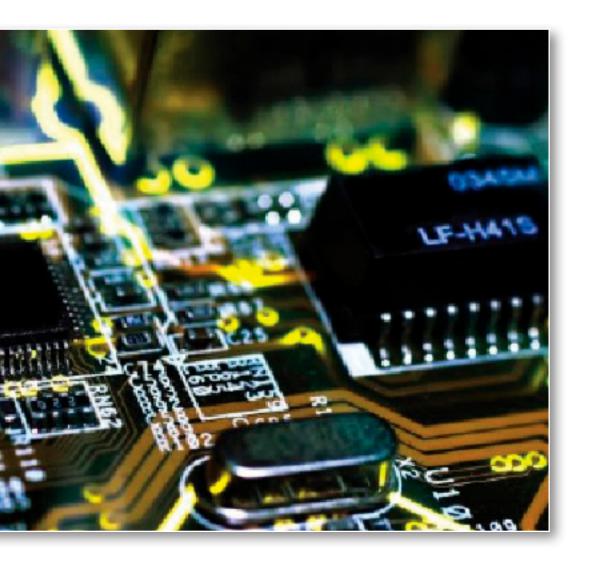
The Electonics invested in 1985 and supressed for 35 years, are nowspred, and in use by Hydrogen Hot Rodders around the globe.

## YOUR FIRST CELL!

All successful Hyrogen Hot Rodders start with the Stanley A Meyer Test Cell. The reason is simple: it is Voltrolysis! The method of making h2 fuel on-demand without electrolyte and without high amperage. Something the main stream is letting Hydrogen Hot Rodders Prove. Strangely the public have little or no knowledge that the technology is working and in use.







# Application of Nano Bubble Water Fuels

# The Midnight Hot Rodding to Nano Bubble Water Fuels.

The WFC Water Fuel - Cell Voltage Intensifier Circuit (VIC) was especially developed to restrict amp flow, while allowing voltage of opposite polarity to perform the work of seperating the bipolar electrically charged water molecule by way of opposite Electrical Attraction Force, known as "External Stress".

### ARTICLE BY **DANIEL DONATELLI**

If you can leave two black stripes from the exit of one corner to the braking zone of the next, you have enough horsepower.

The distributed self-inductance of each coil inherently prevents amp influxing (retards current flow) across the water gap; while simultaneously, the distributed capacitance of each coil causes an increase of applied Voltage Potential of opposite polarity of equal intensity, placed on opposites sides of the water

molecule, performing the Electrical Polarization Process. Each coil further functions as Resonant Charging Choke to tune-in to the dielectric properties of water. The applied pulse frequency is adjusted to incure minimum amp flow, while Voltage Potential attempts to surge toward infinity if the electronic circuit would allow this to occur.

## **ENTER THE NEW FUEL**

Increasing the number of turns of each coil in direct relationship to increasing applied pulse voltage amplitude, increases the electrical stress across the water gap.

# **Self Resonant Frequency**

This "Self Resonant Frequency of the System" depends on the number of turns of the Step-up Transformer, and the number of turns of the Bifilar Inductor. The High FREQUENCY GENERATOR MUST BE "TUNED TO THE RESONANCE FREQUENCY OF THE WATER" - HERE, IT IS ABOUT 13.5 KhZ

RIGHT Stanley A Meyer Designed, Patented, and gave the world his Nano Bubble Water Fuel Spark Plug All in 1 Fuel injector.

Possibly one of the greatest devices ever created by mankind.

# HYDROGEN Hot Rod MAGAZINE

# THE POWER AND PERFORMANCE FROM THE NANO BUBBLE WATER FUEL IS WITHOUT POWER COMPROMISE.

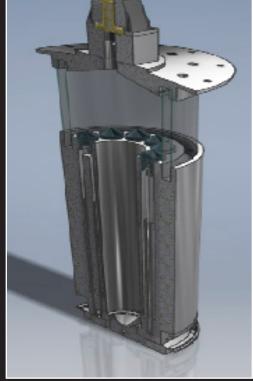




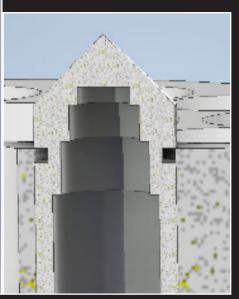


# MAKE FUEL ON-DEMAND 55









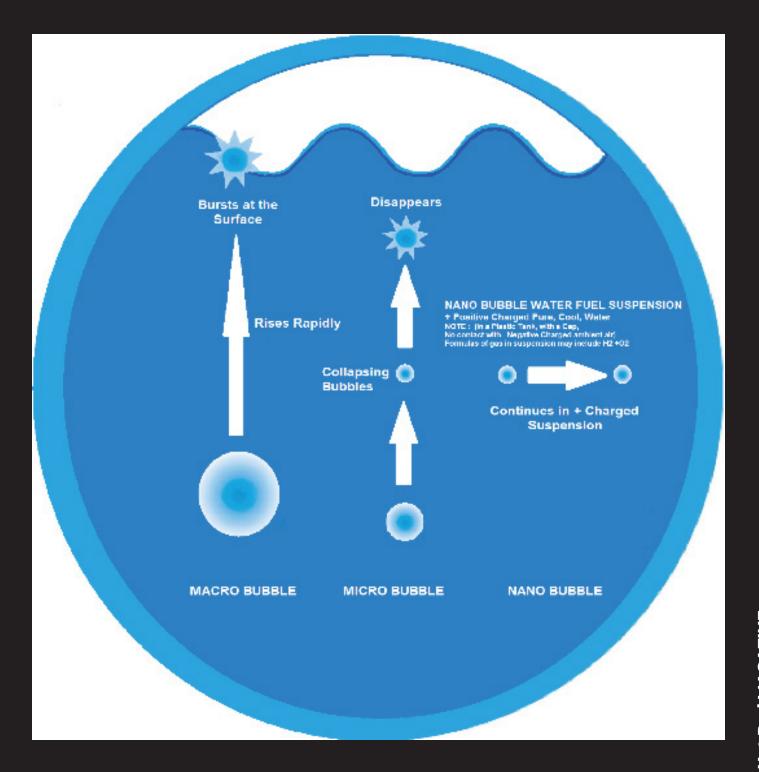
LEFT The Nano Bubble WFC Cell has tube Cells always in pairs. CENTER The Water Fuel - Cell not only releases fuel gases in a controlled manner, but also releases Nano Bubble Saturated Water Fuel from its base for fuel injection.

RIGHT The Secure Supplies materials division, has created the special cells and parts to enhance the Nano Bubble Fuel production with the Cold Process using only Distilled Water...





THE POWER AND PERFORMANCE FROM THE WFC WATER FUEL - NANO BUBBLE CELL IS OUTSTANDING AND A COLD PROCESS.



# HYDROGEN Hot Rod MAGAZINE

# The GMS

# Begins it's Reign!

The Gas Management System, The GMS.
Invented by Stanley A Meyer in 1985.
We can now see it as the Next Generation
of EMS or ECU. One that controls fuel production and
delivery.

The ability to make, manage, and deliver high-performance fuel and

power on-demand, a skill the modern engine tuner knows about already. We saw first hand what happens when an engine tuner gets introduced for the first time to Stanley A Meyers on-demand fuel technologies in 2017, when we visited a Hong Kong Drift Racer Dyno tuner to introduce swapping out the nitros for Hydrogen on-demand.

## **MORE POWER**

Combind with the Intake Gas Charge Processor unit, all engine types can benefit from the power created by distabilizing the oxygen in the air and intake on the engine.

## **Gas Management System**

Integrated to the exisiting factory TPS Sensor.

Provides a New level in Safety with battery Isolation and auto cut-off and emergency kill switches.

Autostart will provide fuel on-demand and pressurize fuel injection prior to engine start.



# THE POWER AND PERFORMANCE FROM THE GMS IS WITHOUT COMPROMISE, FUEL COMES ON STRONG AND STAYS THROUGHT THE POWER CURVE!

## **UNDER THE HOOD**

Gas Modulation process dissolved air gases are being uniformly released from the water bath or tank water via the electrical polarization process and those gases are intermixed with released hydrogen and oxygen gas atoms, (also derived from the water bath) to

form a Fuel-Gas mixture in the water itself.

Nano Bubble Water Fuel.

Below Hong Kong drift racing and dyno tuning is big business







# THE POWER AND PERFORMANCE FROM NANO BUBBLE WATER FUELS IS STRONG AND STAYS STRONG THROUGH THE POWER CURVE!



## **FLYING AT NIGHT**

Water Fuel Flame Speed and More Explosive force than Heat Yeild. The Term GTNT, under normal gas ignition or gas combustion process, released Fuel-Gas nets a thermal explosive energy yield (gtnt) of Approximatley 2 and 1/2 times greater than gasoline. Gas Modulation Process Dissolved air gases being uniformly released from the water bath via the electrical Polarization process are automatically intermixed with released hydrogen and oxygen gas atoms (also derived from the water bath) to form Fuel-Gas mixture having a hydrogen gas burn rate or flame speed of approximately 47 centimeters per second (cm/sec) in ambient air. Volatility of hydrogen fuel-mixture of fuelgas is reduced from 324 cm/sec, to approximately 47 cm/sec. Since ambient air gases (nano bubble)

dissovled air gases in water) are primarily composed of non-combustible gases (such as nitrogen, argon, and other nonburnable gases) which act and perform as a "gas modulator" during thermal gas ignition. The non-combustible gases physically restarts and slows down the speed by which the oxygen atom unites with (covalent link up) hydrogen atoms to bring on and support gas ignition process (gas combustion process) The Water bath becomes and functions as a "Gas Mixing Regulator" since the



TOP Hydrogen Hot Rodding.is a New industry showing a healthy and fun path forward for all race and performance enthusiasts. ABOVE The built not brought manyta is being used across the Hydrogen Hot Rodding Industry, as home buolders start to implement Hydrogen Nano Bubble Fueling on all builds.

highest possible thermal explosive energy yield (GTNT) obtainable from hydrogen during "normal" gas ignition is the exact composition of water where two hydrogen atoms unite with oxygen atom.

In terms of operability and performance, gas modulator process continues to allow a conventional internal combustion engine to run on ambient air gases; while fuel gases not only cuts back and reduces oxygen extraction from ambient air but produces a environmentally safe exhaust gas since noncombustible gases from both ambient air gases and fuel gases are thermally inert to gas ignition process.

# HYDROGEN HOT ROD MAGAZINE

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## **VOLTROLYSIS**

Spliting distilled water into fuel gas with out the use of electrolytes by using high DC voltage.

## **GTNT FUEL**

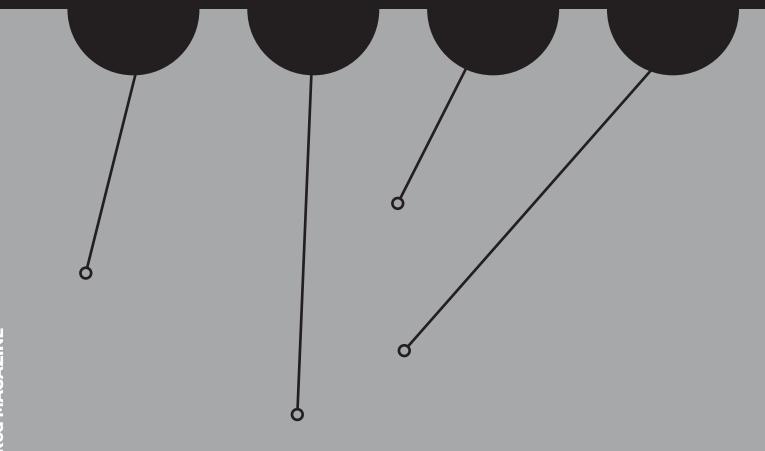
The art of removing electrons from the newley released fuel gases to make fuel with more force than heat.

## **SAFTEY CONTROL**

GMS Gas Management Systems that provide advanced saftey and fuel delivery systems.

## **SELF ADJUSTING**

TPS driven auto adjustment of on demand fuel production.



# **AMBIENT** AIR CHARGE PROCESSING

**Restricting Ambient Air** to intake and remove electrons to make power injectable fueling.

## **AUTO WATER FILLING**

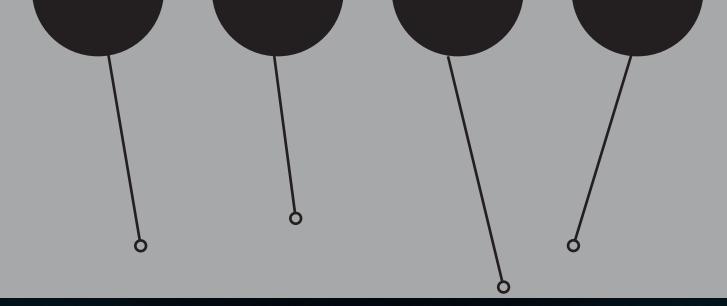
Color LED Gauge and touch control systems. Water fuel tank balancing.

## **AUTOSTART FEATURE**

GMS System will start WFC to make fuel once fuel rail pressure is reached engine will start.

## **DIRECT TPS** PLUG AND PLAY

Exisiting tps sensor can plug and plug to allow full replacement of cars ecu and conversion to on demand Nano Bubble Water Fueling.





# ARTICLE BY **DANIEL DONATELLI**

# How much is too much motor?

Increased Engine Power.

High Compression & Amazing RPM Ranges.

Reduced Engine Noise and Vibration - The spherical rotary valve combustion engine virtually eliminates mechanical clatter.

Alternative Fuel Adaptability.

The oil-free Ceramic Valve Seat Materials require no lubrication.

# Monster Motor

Setting out to find the Most Advanced Engine, Daniel discovered the Coates rotary valve high compression Hydrogen Hot Rod engine.

The constant rotation of the CSRV, rotate away from the extreme heat of the combustion chamber, eliminating the possibility of hot spots in the combustion chamber; thus allowing for higher compression chamber ratios to be incorporated in the design of a combustion engine. This results in a higher thermal efficient engine and a more complete combustion that will utilize all of the energy contained in the fuel; also reducing harmful emissions.

## **MORE POWER**

The Coates Spherical Rotary Valve Engine is the most advanced in the world, with the most positive valving system ever built. The breathing capabilities of the system are almost double that of a poppet valve. For instance: a static test of a five-litre poppet valve engine on an airflow machine produced a reading of 133 cubic feet per minute (CFM) with valve fully opened. The five-litre Coates Spherical Rotary Valve Engine on the same machine, however, produced a reading of 319 CFMs fully opened; a colossal advantage in airflow comparison. A five-litre poppet valve engine tested on a dynamometer under the same loads and conditions at 5500

produced 480 BHP and 454 foot pounds of torque. The maximum RPMs on the poppet valve engine were 5700 RPMs; the Spherical Rotary Valve Engine in comparison reached 14,850 RPM's, The Coates Spherical Rotary Valve comprises two spherical rotary valves assembled on two separate shafts - one for inlet and one for exhaust. They rotate on ceramic carbon bearing with no oil lubrication, the spheres do not make contact with any part of the housing. The seals are a floating type and are also made of a ceramic material. These Combustion Engines are at 12 to 1, 13 to 1, 14 to 1 and 15 to 1 compression ratios depending on the application.



THE POWER AND PERFORMANCE FROM THE ROTARY VALVE HYDROGEN ENGINE.





# Stanley A Meyer

**ARTICLE BY: DANIEL DONATELLI** 

Stanley Allen Meyer retrofitted a automobile with a WFC device that use water as fuel instead of gasoline.

The water fuel cell WFC is powered by a PWM with a switch and Gate, to charge up tube cells in such away to avoid amp draw, dead short and at same time avoiding any use of salts or electrolytes, to split double distilled water into its component elements, hydrogen and oxygen. The hydrogen gas was then processed in such a way to remove electrons to make a gas called GTNT, which was then sparked to generate a non-thermal force energy, in a process that reconstituted the water molecules without using un-processed ambiant air. Stanley A Meyer's patents have expired. His inventions are now in the public domain, available for all to use without restriction or royalty payment.

Secure Supplies a Engines manufacturer has incorporated Stanley A Meyer's work.



**LEFT** Hydrogen Hot Rods vehicle manufacturer has incorporated Meyer's work

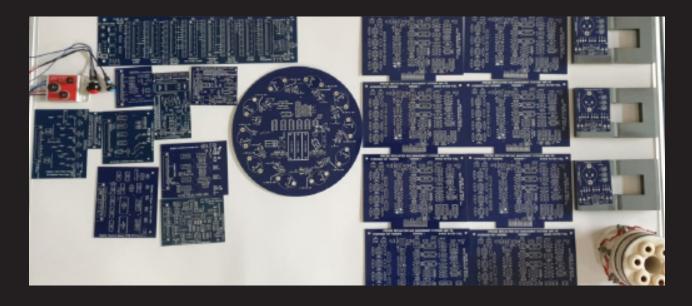


## ABOVE Water Fuel -Cell WFC

# STREET CRUISER TRUCK SWEET RIDE.



## **BELOW** Stanley A Meyer Gas Management System Circuit Boards.

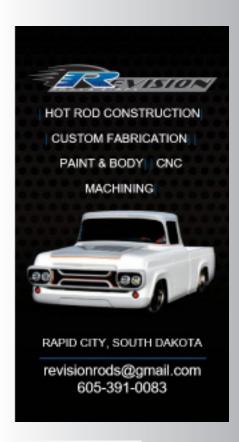




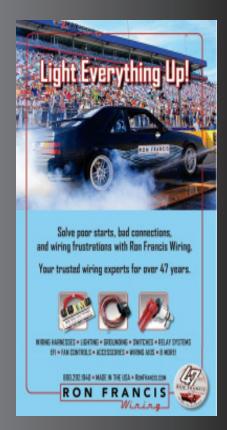




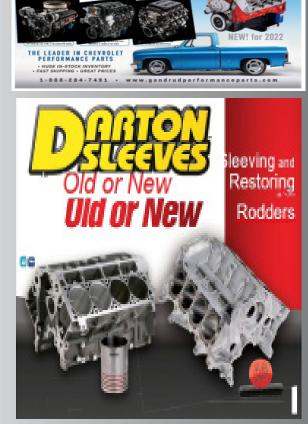
# THE MARKET



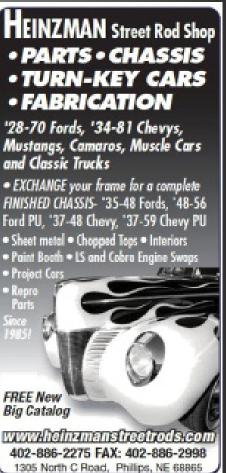








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# THE MARKET











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✓	✓	✓	Social Media News Releases
	-	✓	SUPER BILLBOARD 970x550
•	-	✓	BILLBOARD 970x250
	-	✓	NEWSLETTER HALF PAGE 300x600
-	✓	✓	HALF PAGE VERT. 300x600
-	✓	✓	HALF PAGE HORZ. 650x300
<b>√</b>	✓	✓	MEDIUM RECTANGLE 300x250
✓	✓	✓	SUPER LEADERBOARD 970x90
<b>√</b>	✓	✓	MOBILE LEADERBOARD 320x100
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✓	✓	$\checkmark$	PREMIUM EDITORIAL SUPPORT
✓	✓	✓	PRESS RELEASE & NEW PRODUCTS

Build Your Brand; Generate Leads and Drive Traffic with the World's Largest, **Hydrogen Hot Rod** Audience.

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Currently **Hydrogen Hot Rods** Circulation Coverage as of **April 2023** is approximately **178,000** Direct Subscribers. **70** % are **USA** based with remainder scatter across the world. We Sell via our Mobile Applications Website and in Print at News Stands and Events...

The World's most *Influential*, most *Authoritative* Quarterly Hydrogen Hot Hod Magazine and Largest circulation Monthly Hydrogen E-News Magazine.

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# Hydrogen Hot Rod



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