



Welcome!

Hampton Roads Hydrogen

Presents

The Hydrogen Generator

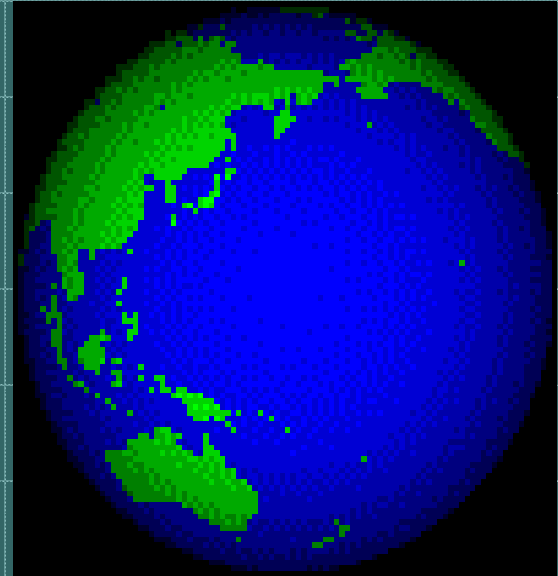
or

The Hydrogenator

"A Product Whose Time Has Come!"

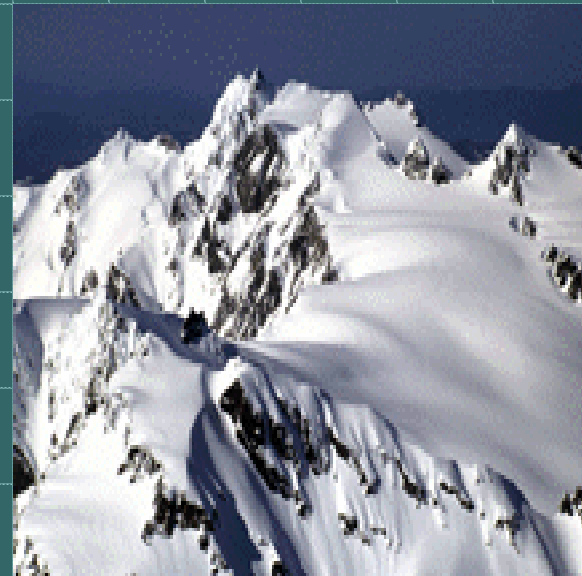
The Need...

- Global warming is a fact.
- Our dependence on foreign oil must end
- Pollution must be brought under control



What's At Stake?

- Sustain our Environment
- Reduce Greenhouse Gases
- Lower Emissions by 50%



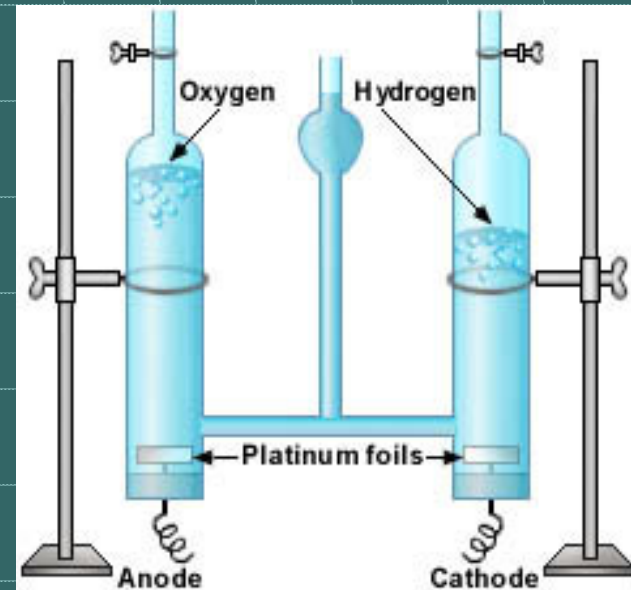
How Do We Proceed?

- We can't change everything at once
- But we have to start somewhere
- Why not work on combustion engine pollution?



Hydrogen & Electrolysis

- An electric current flowing through water produces H_2O 's constituent gasses, hydrogen and oxygen
- Those gasses can be used to enhance engine combustion
- Works for any engine



Standard electrolysis setup

Hampton Roads Hydrogen Generator Is A Good Way to Start

- Save fuel
 - Depending on vehicle characteristics, save 20 to 40 percent
 - Users report average savings of 10 gallons per week on cars and up to 160 gallons per week on big rigs
 - The more miles driven, the better the savings



**HAMPTON ROADS HYDROGEN
HYDROGENATOR**

Hampton Roads Hydrogen Generator Is A Good Way to Start

Extend engine life

- Hydrogen's by-product is simply steam added to an engines exhaust
- This acts as a free radical trap cleaning carbon buildup in your engine
- Reduces nitrogen and sulfur pollutants normally found in the exhaust of regular fuels
- Fewer pollutants means less engine wear



**HAMPTON ROADS HYDROGEN
HYDROGENATOR**

Hampton Roads Hydrogen Generator Is A Good Way to Start

- Reduce emissions
 - When Hydrogen oxidizes it produces water and energy
 - No environmental pollution can occur with Hydrogen as fuel
 - Overall vehicle emissions are reduced when Hydrogen is part of the combustion process



**HAMPTON ROADS HYDROGEN
HYDROGENATOR**

Hydrogen Generators Can Be Fitted To Any Vehicle

- Bus, truck, boat or automobile – all it needs is a combustion engine
- Certain large vehicles may need our large generator to produce the desired result
- Units run using excess electrical current produced by a vehicle's alternator



Typical pickup truck installation

Buses Are Excellent Candidates

- They travel an enormous number of miles
- They are often very fuel inefficient
- Some are gross polluters



Small Bus Exterior Installation

Individuals Can Claim Tax Benefits

- The IRS has issued a ruling that Hydrogen is a legitimate alternative fuel
- Generator expense can be written off using IRS Form 8911
- Our government wants us to use alternative fuels

Form 8911 Alternative Fuel Vehicle Refueling Property Credit

OMB No. 1545-1009
2006
Attachment Reference No. 151

Department of the Treasury
Internal Revenue Service

▶ Attach to your tax return.

Identifying number

Part I Total Cost of Refueling Property

1 Total cost of qualified alternative fuel vehicle refueling property placed in service during the tax year 1

Part II Credit for Business/Investment Use Part of Refueling Property

2 Business/investment use part (see instructions) 2

3 Section 179 expense deduction (see instructions) 3

4 Subtract line 3 from line 2 4

5 Multiply line 4 by 30% (30) 5

6 Maximum business/investment use part of credit (see instructions) 6

7 Enter the smaller of line 5 or line 6 7

8 Alternative fuel vehicle refueling property credit from partnerships and S corporations 8

9 Business/investment use part of credit. Add lines 7 and 8. Partnerships and S corporations, report this amount on Schedule K; all others, report this amount on Form 9800, line 1w 9

Part III Credit for Personal Use Part of Refueling Property

10 Subtract line 2 from line 1. If zero, stop here; do not file this form unless you are claiming a credit on line 9 10

11 Multiply line 10 by 30% (30) 11

12 Maximum personal use part of credit (see instructions) 12

13 Enter the smaller of line 11 or line 12 13

14 Regular tax before credits:

• Individuals. Enter the amount from Form 1040, line 44 (or Form 1040NR, line 41) 14

• Other filers. Enter the regular tax before credits from your return

15 Credits that reduce regular tax before the alternative fuel vehicle refueling property credit:

a Foreign tax credit 15a

b Credits from Form 1040, lines 48 through 54 (or Form 1040NR, lines 45 through 49) 15b

c Qualified electric vehicle credit (Form 8834, line 20) 15c

d Alternative motor vehicle credit (Form 8910, line 18) 15d

e Add lines 15a through 15d 15e

16 Net regular tax. Subtract line 15e from line 14. If zero or less, stop here; do not file this form unless you are claiming a credit on line 9 16

17 Tentative minimum tax (see instructions):

• Individuals. Enter the amount from Form 6251, line 33 17

• Other filers. Enter the tentative minimum tax from your alternative minimum tax form or schedule

18 Subtract line 17 from line 16. If zero or less, stop here; do not file this form unless you are claiming a credit on line 9 18

19 Personal use part of credit. Enter the smaller of line 13 or 18 here and on Form 1040, line 55; Form 1040NR, line 50; or the appropriate line of your return. If line 18 is smaller than line 13, see instructions 19

For Paperwork Reduction Act Notice, see Instructions. Cat. No. 37210 Form 8911 0008

HRH Is Ready To Provide Lean Green Machines

- Save Fuel Now
- More Power
- Better Milage
- Lower Emissions
- A Cleaner Environment
- All that's needed from government and citizens alike, is the will to proceed



Thanks For Watching

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