

From: "Frank Kuchinski" <fkuchinski@poulsenhybrid.com>
To: <AB118@energy.state.ca.us>
Date: 10/17/2008 11:31 AM
Subject: RE: docket number "08-ALT-1" "AB118 Program."
Attachments: Poulsen Hybrid Brochure.pdf

DOCKET 08-ALT-1	
DATE	OCT 17 2008
RECD.	OCT 22 2008

Dear Transportation Committee,

It was great to learn about California Assembly Bill 118 which is very exciting for us and if you need any supporting data or research to help in your efforts, please do not hesitate to contact me.

I would be happy to share with you over the coming months a study we are doing on the positive environmental impact Plug-in hybrid conversions of existing vehicles have on the environment.

We are also interested in doing pilot projects with municipalities to convert some of their fleet vehicles to Poulsen Plug-in Hybrids and to gather as much "real world" data in different parts of the country as possible. An existing compact car can be converted to a Poulsen plug-in hybrid with 20 to 30 miles of battery assisted power in under 4 hours for a cost of \$8,000.

I've attached our brochure to give you more details. More technical information is on our website at www.poulsenhybrid.com or call me at 203-954-0050 ext 15

Best,

Frank Kuchinski

VP Marketing

Poulsen Hybrid, Inc.

<<http://www.poulsenhybrid.com>> www.poulsenhybrid.com

203-954-0050 ext 15

MAKE YOUR CAR A PLUG-IN HYBRID!



INCREASE YOUR MILEAGE!
REDUCE GREENHOUSE GAS EMISSIONS
MAKE YOUR CAR GREENER!

You've heard all the buzz about hybrids and plug-in hybrids. So, why buy a new hybrid car when you can convert the car you drive today into a Plug-in hybrid?

The Poulsen Hybrid™ makes your car into a Plug-in Hybrid saving expensive gasoline by using cleaner, cheaper, domestic electric power.

Our patented Power Assist technology provides approximately 25 to 30 miles of battery assisted power to your car each time you charge the batteries.

HOW DOES IT WORK?

The Poulsen Hybrid is a completely independent system that attaches battery powered motors to your car's rear

wheels. Simply drive the way you normally do and each battery powered motor will kick in to provide an additional 7 horsepower (5kW) of power to your car.

Not only will your gas mileage increase but your car will have additional rear wheel traction from the Poulsen Hybrid motors.

When the Poulsen Hybrid battery power runs low, your car's gas engine takes over until you park the car and recharge the batteries. To recharge, simply plug your Poulsen Hybrid into a standard electrical outlet. Recharging the batteries takes approximately 4 hours and the cost of a recharge is less than a dollar depending on your utility rates.

POULSEN **HYBRID**®

THE POULSEN HYBRID® PLUG IN POWER FOR YOUR CAR



The Poulsen Hybrid installed on a 2006 Honda Civic LX



Plug into any outlet to recharge

WHICH CAR MODELS CAN BE CONVERTED?

The Poulsen Hybrid for compact cars will be released during Fall, 2008 for some of the most popular compact cars on the road today. Examples of cars that can be converted are: Honda Civic, Toyota Corolla, Chevy Cobalt, Ford Focus and Volkswagen Jetta. Additional versions of the Poulsen Hybrid are planned for mid-sized and SUV vehicles. Please visit our website www.poulsenhybrid.com for a complete list of cars that have been converted and to sign up for our mailing list to be notified when a version of the Poulsen Hybrid is available for your vehicle.

HOW DOES THE POULSEN HYBRID HELP THE ENVIRONMENT?

The Poulsen Hybrid makes your car greener because it will now burn less gas. For each gallon of gas saved, 19 lbs of Carbon Dioxide (CO₂) will not be released into the environment. Carbon Dioxide is the greenhouse gas that contributes to global warming and climate change. Even when coal is used to generate household electricity, the amount of CO₂ released is about one-half of the CO₂ released from running your gas engine.

WHAT KIND OF GAS MILEAGE IMPROVEMENT SHOULD I EXPECT?

As a general rule the same amount of fuel is saved per battery charge cycle. Your actual mileage improvement will depend on your driving style. We will update our website with real-world mileage improvement data as it becomes available from us and third parties.

DOES THE POULSEN HYBRID HAVE REGENERATIVE BRAKING LIKE THE TOYOTA PRIUS?

Yes, the Poulsen Hybrid has regenerative braking. When you step on the brakes, the Poulsen Hybrid captures this energy and uses it to recharge the Poulsen Hybrid batteries.

HOW LONG DOES IT TAKE TO CONVERT MY CAR?

Your car can be converted into a Poulsen Hybrid in approximately 4 hours by an authorized dealer.

For a limited time, we will be converting cars at our Shelton, Connecticut corporate headquarters at no charge while we setup our authorized dealer network.

HOW MUCH DOES THE POULSEN HYBRID COST?

The price of the Poulsen Hybrid is \$3,500 plus batteries and installation.

Battery Options:

Lead Batteries \$400 - \$450 (plus \$300 for the 72V 15A charger) or Lithium Ion batteries \$4,500 (a dedicated 25A charger is included)

Installation:

Installation will be \$600 from an authorized dealer. For a limited time, we will be converting cars at our Shelton, Connecticut headquarters at no charge while we setup our authorized dealer network.

HOW DO I CHANGE A FLAT TIRE?

Changing a flat tire on a Poulsen Hybrid may take 10 minutes longer than a normal wheel change because you will need to remove the hubcap and loosen the central bolt which connects the Poulsen Hybrid motor with the adapter plate connected to your car.

DOT APPROVALS

We are addressing the issue of DOT approvals and expect that it will not present a problem since the Poulsen Hybrid does not affect brakes, steering, suspension or any original safety systems.

PROGRESSIVE X PRIZE

The Poulsen Hybrid is an official contender in the 10 million dollar Progressive Automotive X PRIZE contest www.progressivexprixe.org which has the goal of inspiring a new generation of viable, super-efficient vehicles that help break our addiction to oil and stem the effects of climate change.

FIND OUT MORE INFORMATION AND SIGN UP FOR OUR MAILING LIST: WWW.POULSENHYBRID.COM

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