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# HEALTH AND SAFETY CODE ARTICLE 6

## Public Information

### Section

44070. Public information program

44070.5. Public information program inclusions

44071. Funding

### § 44070. Public information program

(a) The department shall develop within the bureau, with the advice and technical assistance of the state board, a public information program for the purpose of providing information designed to increase public awareness of the smog check program throughout the state and emissions warranty information to motor vehicle owners subject to an inspection and maintenance program required pursuant to this chapter. The department shall provide, upon request, either orally or in writing, information regarding emissions related warranties and available warranty dispute resolution procedures.

(b) The telephone number and business hours, and the address if appropriate, of the emissions warranty information program shall be noticed on the vehicle inspection report provided by the test analyzer system for any vehicle which fails the analyzer test.

Added Stats 1984 ch 1591 § 3. Amended Stats 1988 ch 1544 § 57; Stats 1995 ch 91 § 93 (SB 975).

*CAPP contact: Charlie Peters*

# Toyota Keeps Piling Into Fuel Cells As It Runs Away From EVs

*By Dale Buss, Forbes, Monday, November 17, 2014*

Toyota keeps on running toward hydrogen fuel cells and away from all-electric vehicles in what amounts to the most decisive strategy in the auto industry for the future of alternative power trains.

At the Los Angeles auto show, Toyota executives planned to elaborate on the company's deepening investments in fuel-cell vehicles, after a weekend announcement that it would begin selling next year a model called "Mirai" — Japanese for "future" — that will travel 300 miles on a hydrogen tank and can be refilled in less than five minutes. The car, Toyota has said previously, will go on sale in Japan in April for about \$60,000 and be introduced in the U.S. and Europe a few months later.

The company's embrace of fuel cells reminds some observers of other significant moments of commitment for Toyota over the decades, including in 1989 when it launched the Lexus luxury brand in the United States and in 1997, when it started selling Prius gasoline-electric hybrids. Both moves redefined the American auto industry in different ways.

Now Toyota is bidding again to set the pace with fuel cells. Honda is right there with its Japanese rival, just now unveiling a near-production concept of a fuel-cell vehicle with space for five passengers, instead of four as in Honda's

previous-generation fuel-cell car. Honda plans to launch it in Europe, the U.S. and Japan in 2016, Automotive News reported. Other automakers including General Motors GM +1.64% have demonstration fuel cells too. Meanwhile, leading global powertrain supplier Bosch has predicted that falling costs will make fuel-cell technology commercially viable for mass-car production by 2025.

But is a mass market for hydrogen cars a realistic prospect? Hydrogen power faces much the same challenges as electric-vehicle power in terms of whether a geographically vast America will have enough of a refueling infrastructure in place to make this form of alternative power train a truly mainstream phenomenon and to become so outside of a few big cities. In fact, the requirements for making hydrogen filling stations ubiquitous are greater than for populating the country with EV chargers.

And hydrogen is inherently touchy to store and transport. In fact, because of such challenges, Tesla CEO Elon Musk has called the technology "fool cells" because "they are so stupid," he told Bloomberg .

But Toyota has its own message for Musk: Go fish. The company essentially swore off EVs a couple of years ago, citing consumers' indifference

to them; and that was when gasoline prices were around \$4 a gallon, instead of the current \$3 a gallon. Then a few weeks ago Toyota announced that it had sold some of its \$50-million initial stake in Tesla, just after Daimler announced the same thing.

Reducing its investment in EV-ing Tesla followed Toyota's move last spring to phase out its 2010 agreement with Tesla for Musk's company to deliver battery packs for the co-developed Toyota RAV4 EV. Production of the SUV is ending soon after the RAV4 sold just a couple thousand units even though Musk portrayed the vehicle as the basis for a broader Toyota-Tesla partnership.

Toyota's sticker on the vehicles was almost \$50,000, double the price of the gasoline-powered RAV4, and it was only sold in emissions-strict California. Because of that, some critics said that Toyota essentially sabotaged its own EV efforts. But the truth is, Toyota executives coldly concluded a few years ago that mainstream EVs simply aren't a good bet for the future even though their Prius franchise has defined and still dominates conventional electric-gas hybrids.

Now, the question is whether Toyota will have the same magic touch with its fuel-cell initiative that it did with Lexus and Prius.

<http://www.forbes.com/sites/dalebuss/2014/11/17/toyota-keeps-piling-into-fuel-cells-as-it-runs-away-from-evs/>

*CAPP contact: Charlie Peters*

# Toyota says Mirai is the future of hydrogen fuel cell vehicles

*By Charles Fleming, Los Angeles Times, November 16, 2014*

Toyota says its new 2015 hydrogen fuel cell vehicle will be called the Mirai -- which means the future in the language of its creators.

Company president Akio Toyoda revealed the name of the vehicle, which will be sold in Japan later this year and arrive in the U.S. in the middle of 2015, via video message at a ceremony in Los Angeles.

"Today we are at a turning point in automotive history," Toyoda said. "The future has arrived. And it's called 'Mirai.'"

Toyota is putting the Mirai on the road after many years of testing it and its predecessors in controlled lease programs here and abroad.

The vehicle is expected to retail for the equivalent of about \$60,000 when it goes on sale in Japan, where it will qualify for a \$20,000 government rebate. It is expected to retail for a similar amount in the U.S.

Among Toyota's rivals, Hyundai and Mercedes already have hydrogen fuel cell cars available for lease in the U.S. market. Honda and Volkswagen are also expected to announce plans to field a fuel cell car.

The Mirai, Toyota says, will have a range

of 300 miles and be capable of a five-minute refueling, like most of its competitors. Like all hydrogen fuel cell cars, it will be outfitted with an electric motor, driven by a hydrogen fuel stack, with only water vapor as its tailpipe emission.

Toyota boasts that the hydrogen fuel can be made from almost any "feed" stock, including natural gas, wind power or, as Toyoda said in the video, "even garbage!"

But the Mirai's popularity in the U.S. may depend on how quickly an infrastructure of hydrogen fueling stations can be built.

Southern California is already home to the most extensive network of fueling stations, but to date there are only 11 such facilities currently open. That number is expected to rise to about 40 by the end of next year.

Toyota, in announcing the name of its fuel cell car, also said it had partnered with the hydrogen infrastructure company Air Liquide to begin developing a network of 12 stations on the East Coast. Designed to fill the corridor between Boston and New York, the 12 stations will be built in New York, New Jersey, Massachusetts, Connecticut and Rhode Island. The cars will be introduced into that region in 2016, the company said.

<http://www.latimes.com/business/autos/la-fi-hy-toyota-mirai-hydrogen-fuel-cell-vehicle-20141116-story.html>

*Welfare for car R & D with free H2 from poop, is it time to audit the fed?*

CAPP contact: Charlie Peters

## **Toyota launches Mirai fuel cell vehicle, plans hydrogen stations in Northeast**

*By Jaclyn Trop, Automotive News, November 16, 2014*

**NEWPORT BEACH, Calif. --** Toyota offered more details about its long-awaited Mirai fuel cell vehicle and said it plans to build a dozen hydrogen refueling stations in the Northeast U.S.

The Mirai -- meaning "future" in Japanese -- will be sold in California and Europe early next year, can travel 300 miles on a single tank of hydrogen and refuel in three to five minutes, Toyota said at an event here today. It goes on sale in Japan soon, but no specific date was announced.

Information on price and projected U.S. volumes will be announced Monday.

Plans for naming the vehicle the Mirai began emerging in late July.

"Today, we are at a turning point in automotive history," Toyota President Akio Toyoda said during a video shown at the launch event. "A turning point where people will embrace a new, environmentally friendly car that is a pleasure to drive."

The automaker, which is helping to finance the construction of new hydrogen stations in California, said it will also collaborate with France's Air Liquide to develop and supply 12 hydrogen fueling stations in New York, New Jersey, Massachusetts, Connecticut and Rhode Island. Specific details of the collaboration will be announced later, Toyota said. The existing hydrogen filling station network is largely confined to Southern California.

Toyota is one of several automakers that are exploring hydrogen fuel cells as the next frontier in alternative fuel technologies, driven largely by mandates in California that

require sales of zero-emission vehicles. The technology has been under development for years, but has been hampered by concerns about cost and the sparse fueling infrastructure, which effectively limits the range of a fuel-cell car.

While the cost of fuel cells has dropped considerably in recent years, and the first fuel-cell vehicles have begun to hit the retail market, infrastructure remains a significant hurdle.

Toyota took what it called an unusual step in May when it said it would lend \$7.3 million to Newport Beach, Calif.-based FirstElement Fuel Inc., which is using the funds along with a \$27.6 million grant from the California Energy Commission to build 19 hydrogen refueling stations in California within the next year.

"Toyota's vision of a hydrogen society is not just about building a great car, but ensuring accessible, reliable and convenient refueling for our customers," Jim Lentz, president of Toyota Motor North America, said in a statement. "I am happy to announce that this vision will expand beyond the borders of California and give customers the opportunity to join the fuel cell movement."

The Mirai's low center of gravity gives it dynamic handling while its fuel-cell provides ample energy to power the car, the video transcript quoted Toyoda as saying.

"Our fuel cell vehicle runs on hydrogen that can be made from virtually anything, even garbage," he said. "It has a fuel cell that creates enough electricity to power a house for about a week. This is a car that lets you have it all with no compromises."

<http://www.autonews.com/article/20141116/OEM05/141119872/toyota-launches-mirai-fuel-cell-vehicle-plans-hydrogen-stations-in>

## ***Audit the federal reserve, free R & D and fuel?***

***CAPP contact: Charlie Peters***

# House approves Ron Paul's 'Audit the Fed' bill

*By Stephen Dinan, Washington Times, September 17, 2014*

Former Rep. Ron Paul's push to audit the Federal Reserve got another boost Wednesday when the House passed the bill for the second time in three years, and by a bigger margin than before.

The bill, now sponsored by Rep. Paul Broun, Georgia Republican, was approved on a 333-92 vote, with all but one Republican and 106 Democrats in favor of it. That's a major jump from last time, when a majority of Democrats voted against it.

Still, despite the overwhelming support, the law is likely to die. Senate Majority Leader Harry Reid, who had previously indicated support for such an audit, reversed himself in 2012 and said he wouldn't let the bill come to the Senate floor.

Mr. Paul, a long-time congressman who twice ran for the GOP's presidential nomination, made auditing the Fed one of his chief campaign issues, and it regularly drew loud applause from his followers.

The bill would order the nonpartisan Government Accountability Office to review the Fed's decision-making — particularly on monetary policy.

Congress established the Federal Reserve a century ago. The system, which consists of a board of governors and 12 regional banks, acts as lenders of last resort to the country's banking system, and is charged both with fighting inflation and promoting economic growth and employment.

<http://www.washingtontimes.com/news/2014/sep/17/house-approved-ron-pauls-audit-fed-bill/>

*Does California use 1500 gallons of water to grow corn to produce 1 gallon of GMO fuel ethanol? Does California water providers check for ethanol in the supply water for public consumption? Should Gov. Brown request Conversation with EPA about a waiver of the "Wallet Flushing" ethanol mandate so fuel ethanol ozone is in compliance?*

CAPP contact: Charlie Peters

# **Rothschild owned Blackstone Group benefits from missing flight 370, becoming primary patent holder of new technology, reports say**

**In this bizarre case of the missing Malaysian airliner, one plus one is starting to equal two**

***By Shepard Ambellas, Intellihub News, April 4, 2014***

*Update April 4, 2014 12:31 AM EST: The passengers listed as patent holders in this article do not appear on the flight manifest released by Malaysian authorities. One of the first news sources to report the patent holder information was Express.co.uk. It is not yet known whether the manifest has been altered or if these people simply did not appear on the flight.*

**AUSTIN (INTELLIHUB) — New information, fact checked by Intellihub News, may shed some light on the missing Malaysian Airlines flight which was recently reported by Malaysian officials to have ended tragically in the Indian Ocean despite the lack of physical evidence.**

**While the disappearance of MH370 which had 239 people aboard is tragic, new bombshell information reveals that a Texas-based technology giant, Freescale Semiconductor Ltd., may have benefited in some way from the missing airliner which was reported to have been carrying 20 of Freescale's employees. Although it's obvious the loss of human life likely saddened employees and co-workers of Freescale, the possibility still remains that higher-ups in the corporation may have benefitted from the event.**

**"Freescale previously confirmed that the 20 employees — 12 from Malaysia and eight from China — were among 239 people on flight MH370. The company has not released the names of those employees, and again declined to do so on Monday.", as reported by Brian Gaar, the American Statesman, Mar. 24.**

**It has also been mentioned in a statement by a company spokesperson that the employees who were aboard MH370, were extremely talented and valuable in the technological field.**

**Freescale Semiconductor Ltd. is primarily owned by the Blackstone Group, i.e. Lord**

**Jacob Rothschild, the same group responsible for spraying the highly-toxic Corexit 500A into the waters of the Gulf of Mexico in the months following the BP oil spill as reported early on by Intellihub News. Shockingly, we also see the Carlyle Group listed as a secondary investor adding another layer of suspicion for investigators.**

**The official entry listed under Freescale Semiconductor's "financials" section on Wikipedia states:**

**On September 15, 2006, Freescale agreed to a \$17.6 billion buyout by a consortium led by Blackstone Group and its co-investors, Carlyle Group, TPG Capital, and Permira. The buyout offer was accepted on November 13, 2006 following a vote by company shareholders. The purchase, which closed on December 1, 2006, was the largest private buyout of a technology company until the Dell buyout of 2013 and is one of the ten largest buyouts of all time.**

**As a journalist, I have to point out the vast amount of monies invested into this technology firm. It's not like \$17.9B is a drop in the bucket by any means, likely signifying the true importance of this corporation. I also have to question why so many Freescale employees were on the same flight at the same time, as four of them were reported by several sources to have been U.S. patent holders of a new technology. This would likely have been a**

breach of protocol, but at the least a costly oversight.

In fact it's been reported by some that Peid Ong Wang, Suzhou, Zhijun Chen, Suzhou, Zhihong Cheng, Suzhou and Li Ying, Suzhou, Freescale employees from China who were said to have been onboard flight 370, were each 20% holders of U.S. Patent #US008671381B1. Shockingly, the remaining 20% has been reported to be held by Freescale Semiconductor Ltd., which now after the disappearance of flight

370 becomes the sole patent holder. In laymen's terms, Lord Jacob Rothschild is now the patent holder by virtue of invested interest into Freescale Semiconductor Ltd.

To bring things further into perspective, putting the icing on the cake, the Rothschild dynasty owns the Malaysian Central Bank which in-turn is heavily invested into the Malaysian government and Malaysian Airlines.

Need I say more?

(Photo: Wikimedia Commons)

Writer Bio:



Shepard Ambellas is the founder and editor-in-chief of Intellihub News and the maker of SHADE the Motion Picture. You can also find him on Twitter and Facebook. Shepard also appears on the Travel Channel series America Declassified.

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Visit Shepard's blog here.

<http://intellihub.com/rothschild-owned-ota-k-dom-group-benefits-mis-ang-flight-370-becoming-primary-patent-holder-new-technology/>

## ***Carlyle Group, Booz Allen Hamilton, Sunoco, Applus have CA Smog Check & fuel oxygenate interest?***

***The California Department of Motor Vehicles (DMV) collects \$billions\$ using "Wallet Flushing" car tax. Is it time for CA AG Kamala Harris EPA GMO ethanol fuel waiver conversation?***

***Did Governor Brown choose a CA/DCA/BAR Chief who can find out if what is broken on a PZEV Smog Check failed car gets fixed? A Smog Check secret shopper audit would cut toxic car fleet impact 1500 tons per day while reducing cost by \$billions.***

<http://www.youtube.com/watch?v=Zl-Nrep74qg>

## ***Dr. Stan's California water supply opinion***

<http://mediaarchives.gsradio.net/radioliberty/121213d.mp3>

**CAPP contact: Charlie Peters**

# Shell offers free fill-ups for hydrogen fuel cell vehicles

by John Donovan, Aug 2nd, 2012

## Los Angeles Times

**The oil company opens a station in Newport Beach where hydrogen will be available at no charge, but only 200 cars statewide can take advantage of it.**

Shell has opened a new station in Newport Beach where drivers fill up at no charge. That's right: A big oil company is offering unlimited free gas.

But there is a catch. The gas is hydrogen, and it's free only to those driving a hydrogen fuel cell vehicle.

That's not a lot of people. Only 200 fuel cell vehicles are operating in the state, said Catherine Dunwoody, executive director of the California Fuel Cell Partnership. Automakers plan to offer more, but even then the highest estimates are for no more than 50,000 in operation in California five years from now, she said.

The cars will be expensive — as much as double the price of a gasoline compact or mid-size auto, according to current estimates. At the moment, they can only be leased.

Shell is paying for the pumps, which look like any other gas pump, because it

[jerry.hirsch@latimes.com](mailto:jerry.hirsch@latimes.com)

<http://royaldutchshellplc.com/2012/08/02/shell-offers-free-fill-ups-for-hydrogen-fuel-cell-vehicles/>

California AB 8 Perea and SB 11 Pavley are urgency bills to tax the motorist \$millions to build Hydrogen stations to fill car tanks to 10,000 psi of Hydrogen, absolute insanity--VOTE NO.

CAPP contact: Charlie Peters

wants to learn "about costs, consumer behavior and how to dispense it efficiently to different vehicles," said Matias Sanchez Cane, North America commercial manager for Shell Alternative Energies.

Hydrogen is free because Shell doesn't know how to charge for it. The California Division of Measurement Standards is waiting for state lawmakers to authorize it to regulate sales of automotive fuel in kilograms, which is how compressed hydrogen gas is measured, said Steve Lyle, a spokesman for the agency.

It could be free until 2015, when Gov. Jerry Brown has told regulators to have infrastructure in place for people to use alternative-fuel, zero-emissions vehicles such as hydrogen cars. The Shell station is only the eighth public hydrogen station in the state and seventh in Southern California. The plan is to have 68 built in metropolitan areas and key locations throughout the state, Dunwoody said.



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