

PHEV Overview

An additional battery pack and a charger are installed in the car below the rear deck. No original components in the vehicle are modified and storage space is not impacted. The charger plugs into a regular 120v outlet and fully charges the additional battery pack in as few as 5+ hours.

When charging is complete the car can be driven without the engine running at speeds up to 53 mph. At higher speeds the electricity that was stored by charging the additional battery pack blends with the gasoline powering the engine to produce much higher mileage than an unmodified vehicle. When the additional battery pack is depleted the vehicle reverts to original operation automatically.

PbA (lead-acid) system is upgradeable to LiFeSO₄ (Lithium Iron Phosphate) technologies are possible without having to change other components.

Ford Escape and Fusion Hybrid conversions available late 2009

Available Options

- State of Charge (fuel gauge)
- OEM EV Mode button found in Asian and European models
- Fully programmable and upgradeable battery charger for future battery chemistries
- Data capture interfaces

Explanations

* Actual mileage depends on driving style and conditions such as terrain and external temperature.

** The PHEV System is fully reversible and does not modify the existing drive train in any way. However, HCEV makes no guarantees as to the warranty policies of Toyota Motor Corporation or it's dealers and subsidiaries.

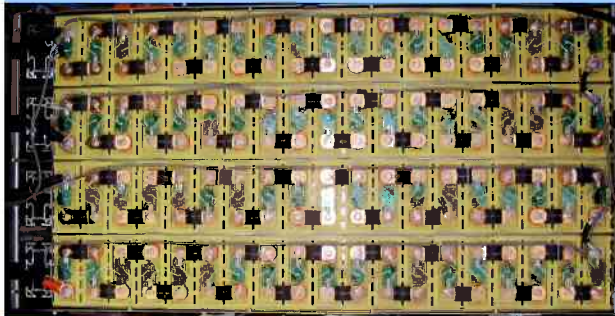
+ Higher capacity systems may take longer depending on factors such as depth of discharge, charger capacity, and charge voltage

What is a PHEV?

- A PHEV is a Plug-In Hybrid Electric Vehicle
- An add-on system that enables "EV Only Mode" driving without modifying the existing Toyota Synergy Drive system.
- A super-efficient add-on that can result in over 100 mpg*, and recharges in hours from any standard home outlet.
- A fully installed turnkey system that retains your spare tire and 95% of original storage capacity.
- Can be professionally installed in one day.
- Available for 2004-2009 Toyota Prius
- PbA Kit Upgradeable to Lithium battery chemistries for additional range

DIY Kits also available at our online store

<http://store.harveyev.com>



Tell your friends "I Got Energized at HARVEY COACHWORKS"

For more information contact:

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HARVEY COACHWORKS *and EV*

Is proud to present the...

Prius PHEV



Plug-in Hybrid Electric Vehicle Conversion for Toyota Prius

- Available for the 2004-2009 Toyota Prius
- Make your Prius drive on clean and green electric in Full EV Only Mode up to 35 mph
- Get over 100 miles per gallon*
- Pricing starts at \$5995 U.S. completely installed !
- Fully reversible installation! Does not void manufacturer's warranty**
- Now Available in Lithium version

HARVEY COACHWORKS *and EV*

Retain your cargo space and spare

Vehicle	5 kW-hr Lead Acid	4 kW-hr LiFePO ₄	10 kW-hr LiFePO ₄
Vehicle	2004-2009 Toyota Prius		
Complete, Tested Conversion System	Yes	Yes	Yes
Strong Steel Enclosure	Yes	Yes	Yes
EV Range	10-15 miles	20+ miles	35-40 miles
Max. Speed in EV Mode	52 MPH	52 MPH	52 MPH
Battery Chemistry	Lead Acid	LiFePO ₄	LiFePO ₄
Battery Capacity	5 kW-hr	4 kW-hr	10 kW-hr
Battery Life	2 years	Life of the vehicle	
Batteries	20	19	76
Battery Voltage	256 VDC	243 VDC	243 VDC
Charge Time (@ 110 VAC/15A)	3 hours	5 hours Fast charge capable	8 hours Fast charge capable
System Weight	360 lbs.	140 lbs.	330 lbs.
Vehicle Spring Upgrade	Required	Optional	Required
Mounting Location	Under rear cargo deck, on top of spare tire		
Spare Tire Access	Battery box lifts up on springs to access spare		No
Warranty*	3 year limited warranty		
Price [†]	\$4,995	\$8,495	\$11,995
Which one is right for me?	Most affordable way to get a plug-in hybrid	Less weight, longer battery life than PbA	Maximum EV range, best highway mileage

* Warranty covers all components except batteries. Batteries are covered by battery manufacturer warranty
[†] Price does not include shipping, installation, or applicable sales tax



Commute **GREEN!**



Green is the new BLACK!



100+ miles per gallon!*

Who is Harvey Coachworks?

We have over 20 years experience in automotive customizing. We offer products and services to meet a very specific need—yours. We believe in “right-sized” and efficient vehicles personalized to the exacting needs of our customers. We believe in sustainable energy solutions, taking responsibility for our planet, and doing our part to ensure our independence from petroleum. We are committed to providing our customers the highest quality products at



Professionally Installed



Plug it in Anywhere!