#### "Electric Car"...





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range drivers MPG

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TOTAL MSRP

\$43,980.00

GOVERNMENT SAFETY RATINGS



### Drive Electric Cars New England presents:

#### "Seven Myths About Electric Cars"

and how they can save you money, time, and provide you an awesome driving experience!

Mark Renburke
"The Electric Car Guy"

1. Electric cars only run on electricity from a battery.

#### Sales of Plug in Electrics, August 2016





**BEV** (Battery Electric Vehicles)

PHEV (Plug in Hybrid Electric Vehicles, including Electric Vehicles with Gasoline Range Extenders)





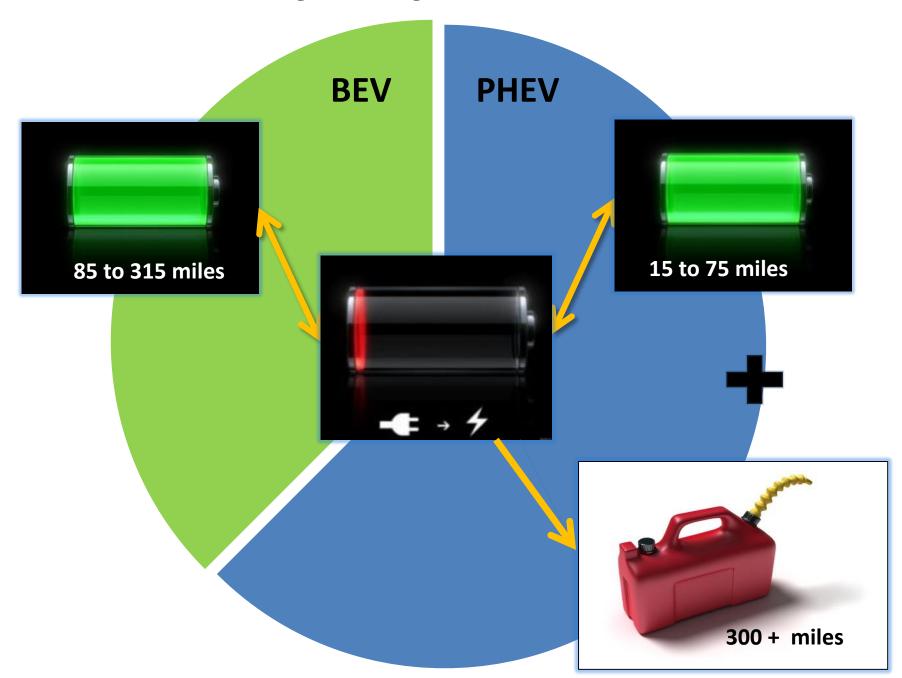




## 1. Electric cars only run on electricity.

### 2. I can only drive a short distance with an electric car.

#### Range of "Plug in" Electric Cars



## 2. I can only drive a short distance with an electric car.

### 3. Charging is inconvenient and slow.

Let's ask 4 questions about charging and using a cell phone...by a show of hands...





Plug in when getting low?



ALWAYS wait until very low before plugging in??





But you will need an Electric Car "Charging Station"... right?

# 3-B. An electric car requires a special, expensive "charging station".





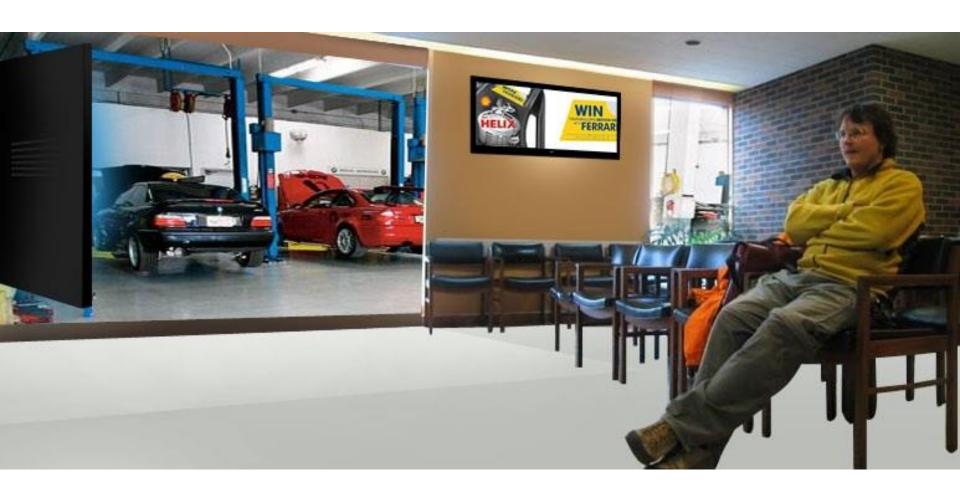




3-B. An electric car requires a special, expensive "charging station".

"...inconvenient and slow."?





4. Electric cars are too expensive.























\*Estimated net 2016-2017 consumer costs after \$7,500 federal EV tax and typical New England state rebates of \$1500-\$2500 (depends upon on model and year)







will be destroyed. VAT@ ank you. Fuel (incl. VAT) M.O.T. Test























**Payment** Fuel/Electricity Maintenance Consumables Repairs Etc. less any tax credit for EV:

less any tax credit for EV:
(\$7,500 fed) / rebate
(\$1,500-\$2,500 MA)



In other words, it will costs at least around \$20k total over 5 years on average to drive any new car















5. Electric cars are unsafe.









## 6. Electric cars are slow and boring to drive.





More torque and quicker to 30 mph than Accord or Camry

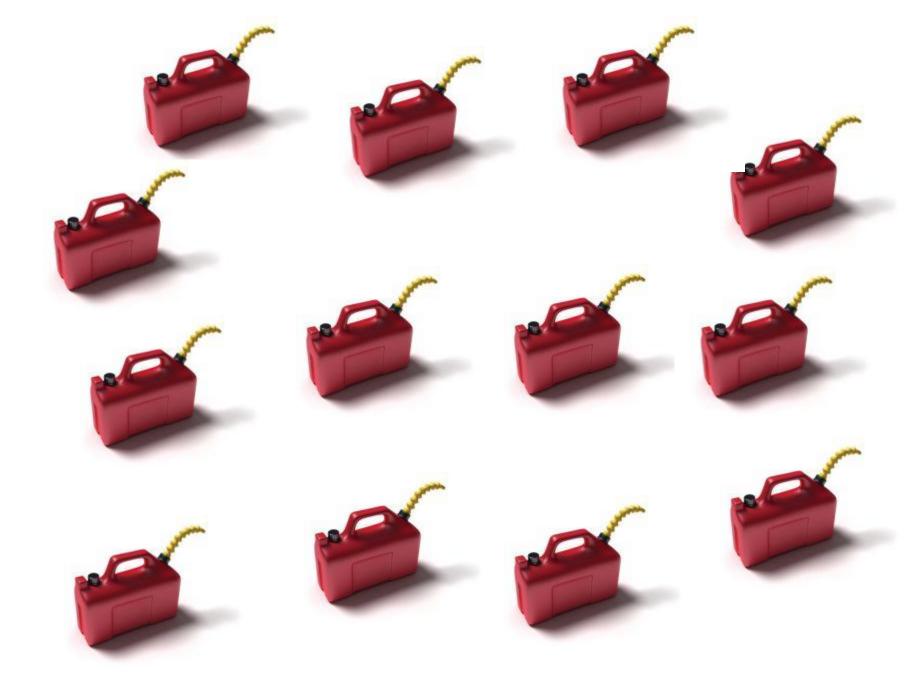


294 foot pounds of torque, more than....
0-30 mph in 2.2 seconds, faster than...





7. Electric cars are a fire hazard.







#### **BONUS MYTH!**

8. The batteries only last a few years and will cost you thousands of dollars to replace.

#### TRUTH:

All plug in electric car batteries are warrantied for at LEAST 8 years or 100,000 miles

and

most are engineered to last much longer, for the life of the vehicle in most cases, so need for an out of warranty replacement is highly unlikely

#### **REAL-WORLD EXAMPLES:**

Sparkie the Volt (a '12) now has over 340,000 total miles, and 120,000 EV only miles. The battery and hybrid system still performs as it did when the car was new. Voltstats lists over 35 Volts with over 100,000 miles (including mine)

### "Wizzy" The Nissan LEAF Taxi Surpasses 100,000 Miles



#### Details for Volt #2012-07353 (sparkie):

#### Car Information / Rankings

Location: Bellville, OH

Last Updated: 9/17/2016 10:35:35 AM CST

EV Miles: 120234.08 #1 / 100%

Total Miles: 342674.72 #1 / 100%



Wizzy was (May '15) "...still on its original set of brake pads and the original battery...still has 98% of its total battery life left."

#### TRUTHS we've uncovered:

- Electric cars can save you money and time
- Electric cars are very easy to charge and use
- Electric cars are very safe, reliable...and fun!

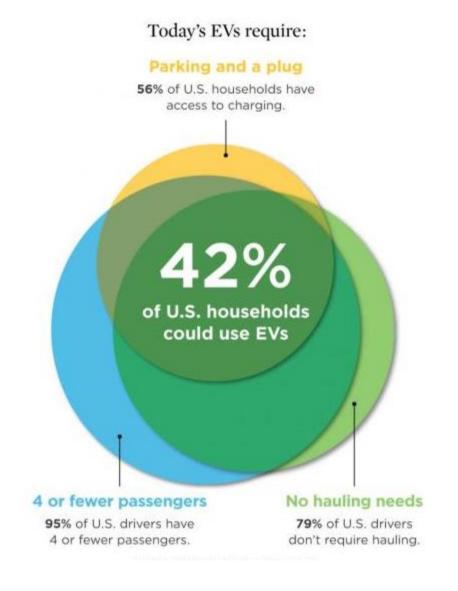
## The Pareto principle (or 80–20 rule)

It commonly takes 20% of the full-time to complete 80% of a task, while to complete the last 20% of a task takes 80% of the effort. Achieving absolute perfection may be impossible and so, as increasing effort results in diminishing returns...

## "Don't let the perfect be the enemy of the good." -Voltaire

### Q: So who's ready to Drive Electric??

A very mainstream 42% of households, according to research by the Union of **Concerned Scientists** 



#### What you can do now:





Go for a Test Use



Spread the word



# facebook.com/ DriveElectricCarsNewEngland

#### Ouestions?