

## WELCOME TO ELECTRIC VEHICLE FREQUENTLY ASKED QUESTIONS (EV FAQS) - ANSWERED







Class Session #4 **Buying An EV** 





### Damond Osterhus, SGL











### AGENDA

#### Which EV Is Right For Me? – "A" Process, Some Things To Do

Use Scenario

Range

**Recommended Safety Features** 

What Features/Functions I Need, would like? And Features I may not like or want

What tools can I use to find about specific vehicles?

How can I test drive an EV before buying

My most often FAQ: What EV do I like the Best of those I have driven?

Let's Chat





e spans from an EPA rated 263 to 353 depending on the w sted a Model 3 with the Long Range battery. Our testers found the Model 3 to be fun to g and immediate thrust from the electric mot owever, the Model 3's distracting controls, overly stiff ride, and uncomfortable rear sea ount against it.



2022 Toyota Priu	us L Eco Specs & Features
More about the 2022 Prius >	
	Moss Popular L Eco 4dr Hatchback 1.8L 4cyl gas/electric hybrid CVT
Overview	Starting MSRP \$25,075 Build & Price
Engine Type	Hybrid
Transmission	Continuously variable-speed automatic
Drive Type	Front wheel drive
Cylinders	Inline 4
Total Seating	5
Basic Warranty	3 yr./ 36,000 mi.

Find a car Save Money	& Fuel Benefits	My MPG Ad	Ivanced Vehicles & Fuels	About EPA Ratings	More	
You are here: Find a Car Ho	ame > Side-by-Side S	Select > Comp	are Side-by-Side			
Compare Side-by-S	Side					
Fuel Economy Energy	and Environment	Safety S	pecs			
	2024 Kia EV Range AWD	9 Long X GT-Line	2024 Tesla Model 3 Long Range AWD	X 2024 Mitsu Outlander	bishi X PHEV	2024 Ford Mustan Mach-E AWD
	Electri	c Vehicle	Electric Vehicle	Plug-in H	vbrid Vehicle a-Electricity	Electric Vehic
Personalize	TAL A					
Edit Vehicles	20	_0	000	2.90		50
	Automati	c (A1)	Automatic (A1)	2.4 L, 4 cyl, Au	tomatic (A1)	Automatic (A1)
1				11000 + 10 0 1		
	MSRP: \$7	3,900		M5KP: \$40,54	5 - \$50,345	
	MSRP: \$7	73,900		Plug-in Hybrid	Calculator	
	MSRP: \$7	73,900	Electricity	Plug-in Hybrid	Calculator	Electricity
EDA Fuel Fronomy	Electricity	173,900 19Ge 18 72 19 bishway	Electricity	Elec + Gas	calculator cg. Gas 26 MPG combined	Electricity
EPA Fuel Economy	Electricity	173,900 IPGe 18 72 ty highway	Electricity	Elec + Gas R 64 HPGe combined control of gas	calculator cg. Gas 26 MPG combined cty/highway 3.8 gal/100ml	Electricity

### FAQS ABOUT BUYING AN EV

### Which EV Type Is Right For Me? 😳 – "A" Process, Some Things To Do

> Create a Use Scenario; particularly if considering a PHEV or BEV:

It is handy to have an idea of how you would drive them so you can make some simple cost calculations about them.

Have Use Scenario that consists of the following:

- The **total annual miles** you drive made up of:
  - ✓ An estimate of the annual miles you drive "locally" Monday Friday, & Weekends; e.g., to/from work/school for 46-50 weeks a year? For PHEVs, is it mostly less than its maximum EV miles a day?
  - An estimate of the annual miles you drive on long distance trips; i.e., on vacations and holidays.
     For BEVs, its when the trip distance requires charging before getting back home or to a destination.
     For HEVs, PHEVs, & BEVs think about where you want to drive on long trips; on Interstates, US & State highways, county roads, and unpaved roads.
- For PHEVs and BEVs. Knowing the kind of residence, you will be parking them at; i.e., an owned singlefamily house with or without a garage, a condominium, or a rental apartment house. The question is can you or can't you take advantage of Level I or Level II charging where you will reside?

### FAQS ABOUT BUYING AN EV

### Which EV Type Is Right For Me? 🐵 - A Process, Some things to do

#### Solution Some Data About The EVs You Would Consider In Light of Your Use Scenario

e.g., From the EPA @ www.fueleconomy.gov, Compare Side By Side Feature

Fuel Economy, Energy and Environment (Tailpipe Emissions), Some Specifications

ACROI & RENEW	ABLE ENERGY											A	and AIR 0	QUALITY	
vww.fue	elecon	om r fuel ec		<b>V</b> forma	tion				Mo	obile Es	pañol	Site Map	Links		Videos
Find a Car Save Me	oney & Fuel Be	nefits	My MPG	Adva	nced Vehi	cles & Fu	els Ab	out EPA Ra	itings	More					
ou are here: Find a C	ar Home > Compa	are Side-	by-Side												
ompare Side-t	oy-Side														
Fuel Economy Er	nergy and Enviro	nment	Safety	Spe	cs										
	2024 T	oyota R/	AV4 AWD	×	2024 To Hybri	/ota RAV d AWD	4 X	2024 Toy	ota Ra 4WD	AV4 Prin	ne 🗙	2024	Kia Nir	o Elec	tric X
		Gasolin	e Vehicle		<b>R</b> "	ybrid Vehic Gasoline	le	PI	lug-in H Gasolin	lybrid Vehi ie-Electricit	icle y	-	Elect	ric Vehis	cle
Personalize		1	6		1	6		_		100 m					-
Edit Vehicles		10	-0			8-	-0		1 32		8	3	10		8
	2.5 L,	4 cyl, Aut	tomatic (S8	) 2		Automatic	(AV-56)	2.5 L, 4 cy	rl, Auto	omatic (A	V-S6)		Automa	tic (A1)	
	MSRF	2: \$31,585	5 - \$38,380		MSRP: \$31	1,725 - \$4	0.030	MSRP: 1	\$43,69	10 - \$47,5	60	MSRF	: \$39,6	00 - \$4	4,600
								Plug-in	Hybrid	d Calculati	or .				
	Regular	r Gasolin	e	R	egular Gas	oline		Elec + Ga	5 1	Reg. Gas		Electric	ity		
	2 📓	8 bined	MPG 25 33 city highwa		39	MPG 41 dty	38 hishway	94 M	IPGe	38 combin	MPG ed	<b>*1</b>	<b>13</b>	MPGe 126 city	101 highway
EPA Fuel Economy 1 gallon of gasoline=33.7	kWh city/	highway 3.6 gal/1	00mi		city/highw 2.6	ay gal/100mi		.0 gal/100mi + 36 kWh/11	of gas 00mi	2.6 gal/10	inway D0mi	city	highway 29 kWh	/100 mi	
stations near me							-	ŵ		1	Т				-
	Gasoline		406 miles Total Range	•	Gasoline	566 Total	miles Range	42 miles Elec + Gi All Elec: 0-4	aine On s as 2 mi	600 n Total Rai	niles Ige ()	Electricit	y	253 Total	miles Range
								About P	Aug-in	Hybrid C	ars	Abo	ut All-E	lectric (	Cars



www.fueiec the official U.S. government s	conomy.gov	mation	Mobile Español	Site Map Links FAQ Video
Find a Car Save Money & F	Fuel Benefits My MPG Ac	Ivanced Vehicles & Fuels Ab	out EPA Ratings More	
You are here: Find a Car Home	> Compare Side-by-Side			
Compare Side-by-Side	e			
Fuel Economy Energy an	d Environment Safety	ipecs		
	2024 Toyota RAV4 AWD 🔀	2024 Toyota RAV4 Hybrid AWD	2024 Toyota RAV4 Prime X	2024 Kia Niro Electric
Personalize	Gasoline Vehicle	Hybrid Vehicle Gasoline	Plug-in Hybrid Vehicle Gasaline Electricity	Electric Vehicle
Edit Vehicles	- 0-1	50-0		
	2.5 L, 4 cyl, Automatic (58)	2.5 L, 4 cyl, Automatic (AV-56)	2.5 L, 4 cyl, Automatic (AV-S6)	Automatic (A1)
	MSRP: \$31,585 - \$38,380	MSRP: \$31,725 - \$40,030	MSRP: \$43,690 - \$47,560 Plug-in Hybrid Calculator	MSRP: \$39,600 - \$44,600
		Vehicle Specification Data		
EPA Size Class ①	Small Sport Utility Vehicle 4WD	Small Sport Utility Vehicle 4WD	Small Sport Utility Vehicle 4WD	Small Sport Utility Vehicle 2
Drive	All-Wheel Drive	All-Wheel Drive	All-Wheel Drive	Front-Wheel Drive
Stop-Start Technology	No	Yes	Yes	No
Cylinder Deactivation				
Gas Guzzler	No	No	No	No
Turbocharger	No	No	No	No
Supercharger	No	No	No	No
Passenger Volume				100 ft <sup>3</sup> (4 door)
Luggage Volume				23 ft <sup>3</sup> (4 door)
Fuel Type	Regular Gasoline	Regular Gasoline	Regular Gas and Electricity	Electricity
Engine Descriptor (1)	SIDI & PFI	SEDE & PFT; Hybrid	PHEV	
Transmission Descriptor (1)				
Electric Motor/Battery ①			40 and 134 kW AC Induction	150 kW PMSM
Time to Charge Battery			4.5 hrs at 240V	7.5 hrs at 240V

#### Use something like a Spreadsheet to Collect and Compare Data, Add Things Like Maintenance & Insurance Costs, Reliability

	2024 Toyota RAV4 AWD	2024 Audi A3	2024 Toyota RAV4 Hybrid AWD	2024 Toyota RAV4 Prime 4WD	2024 Kia Niro WAVE FWD	
VEHICLE/ VEHICLE THE	ICE Vehicle (ICEV)	MILD HYBRID EV (MHEV)	Hybrid EV (HEV)	Plug-in Hybrid EV (PHEV)	Battery EV (BEV)	
MSRP	\$31,585-\$38,380	\$35,800-\$39,400	\$31,725-\$40,030	\$43,690 - \$47,560	\$39,600 - \$44,600	
		2.0L, 4 cyl, Turbo, Auto	ICE - 2.5L, 4 cyl, Auto	ICE - 2.5L, 4 cyl, Auto		
Drive Powered By or Assisted By	- 2.5L, 4 cyl, Auto	48V Belt-Integrated-Starter Generator (BiSG) Assist	Electric Motor	Electric Motor	Electric Motor Only	
External Replenshible Energy	Constitute Only	Gasoline - 13.2 gallons	Casalian	Gasoline	Flastical France, Battan Oak	
Sources	Gasoline Only	Electrical Energy - BiSG Battery	Gasoline	Electrical Energy - Battery	Electrical Energy - Battery Univ	
5		Gas Tank	Gas Tank - 14.5 gallons	Gas Tank - 14.5 gallons		
Energy Storage	Gas Tank - 14.5 gallons	BiSG 48VDC Lithium Ion Battery	Lithium Ion Battery	Lithium Ion Battery Lithium Ion Battery		
				38 mpg - Regular gas only	3.4 miles/kWh	
Efficiency	28 mpg, Regular	32 mpg Regular	39 mpg Regular	2.8 miles/kWh - Electric Only		
				42 mile Range on EV Only	≈253 EPA 100%-0% SOC **	
B . I' . L'I'	Guid	Const		Good [Toyota]		
Reliability	Good	Good	Good	Others [Fair due to Complexity	Good	
	ICE Vehicle (ICEV) Maintenance	ICEV + MHEV Item Maintenance	ICEV + HEV Item Maintenance	ICEV + PHEV Item Maintenance	BEV Item + Vehicle Maintenance	
wantenance	≈ 10¢/mile	at least ≈ 10¢/mile + ?	at least ≈ 10¢/mile + ?	at least ≈ 10¢/mile + ?	≈ 6¢/mile	
"Creamana"	5.3 tons of CO2 annually***	4.6 tons of CO2 annually	3.7 tons of CO2 annually	1.2 tons of CO2 annually	Zero tons of CO2 Annually	
Greenness	319 grams per mile	279 grams per mile	224 grams per mile	72 grams per mile	0 grams per mile	

### Which EV Type Is Right For Me? 😁 – A Process, Some Things To Do

#### > Look At Costs of Each Candidate Vehicle over 5 years

- 1-Time Purchase Cost: MSRP + EVSE & Installation
- Variable Costs: Maintenance, Fuel/Energy, and Insurance

Consider doing some simple calculations associated with 5-years of Variable Costs for your candidate cars.
<u>Fuel Costs for ICE, & HEV</u> Simply take Total 5 years miles driven X mpg X cost per gallon
<u>Energy costs or PHEVs and BEVs</u> are driven by Use Scenarios.
PHEVs use gas & electricity and BEVs use electricity at different rates. See my next slide for examples of how to do.

Maintenance Costs. ICE, HEV & PHEV are 10¢/mile; BEV is 6¢/mile. Multiply by total miles driven in 5 years.

#### With Regard to Total Cost of Owning an EV [BEV]

• According to JD Power: "In 2024, out of 48 EV's analyzed, 21 were more affordable to purchase [at 5 years] and 29 were more affordable to lease [at three years]."

#### And

According to a Policygenius study relative to EV [BEV] cost of insurance was "...estimated that electric vehicles cost \$44 more per month to insure because they are costlier to repair." [+ are currently more expensive to purchase]
 [Source: AAA Via Magazine, Smart Life, How to make an EV fit your budget, November-December 2024]
 And

- From the Recurrent.Com YouTube video in Class Session #1, EVs; Maint Costs are
  - ICE vehicles cost 10¢/mile
  - BEV cost 6¢/mile

#### The Question of Range – What Real World Range Can I Expect From a BEV? Cont'd

#### Check Which BEV candidates have the closest "Real World" Range to Your Current Range cont'd

- HOW? Googling "EV Range Estimates" or "EV Range Estimates for a specific EV"
  - You will get a lot of results; however, the latest "real world" testing is done mostly at 70 mph and 100% SOC to 0% SOC. See the links below for some of them. Out Of Specs Studios have the largest list of tested EVs. Motor Trend and Car & Driver also have individual EV ranges
  - To Get an 80%-10% SOC Real World estimated Range, take the 100%-0% multiply it by .7 (80% minus 10%=70%) to get something closer to real world
  - If you wish to adjust it even more, from my experience when it's HOT here in Arizona and when driven at high speed, multiply by .6

NOTE: My 16 High Speed, High Temperature Test Drives resulted in an average of .58 of the EPA Estimated Ranges for the 7 EVs driven ≈6,300 miles

#### Compare The 80%-10% SOC ranges with your current range. EVs ranges are significantly less.

**HOWEVER**, you can see how it actually affects your trip by using either ABRP or PlugShare trip planners to plan out your current range trip and see where there are Level III chargers along that trip route at points you also would have stopped for restroom breaks or food. You may find that even in today's charging infrastructure there are sufficient chargers along the trip route to support non-anxiety travel. **BTW.** Concerned about the charging times adding to trip time, the **latest statistics show that the average stop time when travelling highways is ~22 minutes**. Charging times for 10%-80% SOC chargings are now approaching 25 minutes.

Additionally, a recent Survey of EV buyers before and after purchase showed that before purchasing an EV one of owner's greatest concerns was range, while only a short time after purchasing there was a significant reduction in concern over range. Guess distance between chargers wasn't as big a problem.

#### **Consumer Reports**

https://www.consumerreports.org/cars/hyb rids-evs/real-world-ev-range-tests-modelsthat-beat-epa-estimates-a1103288135/

#### Car And Driver

https://www.caranddriver.com/features/g3 2634624/ev-longest-driving-range/

#### Edmunds

https://www.edmunds.com/carnews/electric-car-range-and-consumptionepa-vs-edmunds.html

**CR's Real-World EV Range Tests** Show Which Models Beat EPA Estimates Some cars from Ford, Lucid, and Tesla fell short, while others from BMW and Mercedes exceeded expectations

CAREDRIVER Longest-Range Electric Cars We've Ever Tested

> Edmunds Tested: Electric Car Range and Consumption



https://www.motortrend.com/reviews/2024 -tesla-model-3-highland-range-test/

#### 3 Highland?

icial range figures for the 2024 Tesla Model 3 won't be released ser to the start of U.S. sales in early 2024, but we have a good idea where they'll land. A Tesla with a healthy battery displays its EPA rand as the estimated driving range when it's charged to 100 percent. A Testa rep told us that the figures shown in our European-spec test cars were

### Which EV Type Is Right For Me? 😳 – A Process, Some Things To Do

#### Check Out Safety Features of the Candidate EVs

#### Some Highly Recommended Safety Features/Functions.

Selected EV should have the following Active Safety Features in addition to passive airbags.

It's a good idea to check to see which ones are not included in specific trim lines [Source: Consumer Reports]

•FCW (forward collision warning)\*: Detects impending collision while traveling forward and alerts driver. Some systems include pedestrian or other object detection.

•AEB (automatic emergency braking)\*: Detects potential collisions while traveling forward, provides forward collision warning and automatically applies the brakes to avoid or lessen the severity of impact. Some systems include pedestrian or other object detection.

•CAEB (city automatic emergency braking): Brakes are automatically applied to prevent a collision or reduce collision severity when traveling at city speed.

•HAEB (high-speed automatic emergency braking): Brakes are automatically applied to reduce collision severity when traveling at highway speeds.

•PD (pedestrian detection): The system can detect pedestrians, then issue a warning and trigger automatic emergency braking, if necessary. Some can detect cyclists. •LDW (<u>lane departure warning</u>)\*: Monitors vehicle's position within driving lane and alerts driver as the vehicle approaches or crosses lane markers.

•LKA (<u>lane keeping assistance</u>)\*: Assists with steering to maintain vehicle within driving lane.

•BSW (blind spot warning): Detects vehicles to rear in adjacent lanes while driving and alerts the driver to their presence.

•RCTW (rear cross traffic warning)\*: Detects vehicles approaching from the side and rear of vehicle while traveling in Reverse and alerts driver.
•Rear AEB (rear automatic emergency braking): Detects potential collision while traveling in reverse and automatically applies the brakes to avoid or lessen the severity of impact. Some systems include pedestrian or other object detection.

•LCA (lane-centering assist): Continuous active steering to stay in between lanes (active steer, autosteer, etc.)

•ACC (adaptive cruise control)\*: Assists with acceleration and/or braking to maintain a prescribed distance between it and a vehicle in front. Some systems can come to a stop and continue.

\*<u>Hyperlinks</u> are to Consumer Reports articles on the feature.

### FAQs ABOUT BUYING AN EVcontd Which EV Type Is Right For Me? (2) – A Process, Some Things To Do Some features/functions that I would need, want, like to have in my EV?

Features/Functions Unique to EVs, ones that you can't get in an ICE vehicle 🛞

- Pet & Camp Mode (Tesla Model 3, Y, S & X). Let's you lock the doors to the car but keep the air conditioning running at a temperature and fan setting you would like for your pet to have while you are not in the car, or that you would like to have while "camping" out in the Tesla with the doors locked.
- Vehicle to Load (V2L) Power (Kia EV6s, Hyundai IONIQ 5s, Ford F150 Lightning). For Kia and Hyundai, a V2L adapter plugs into the vehicle's charge port, and supplies 120VAC power from the vehicle to up to 16amps for electric appliances. Several hours of power can be provided from the drive battery.
- **Remote Smart Parking Assist** (Kia EV6 GT-Line, Kia Niro EV). This allows one to use the fob to park or unpark the vehicle into or out of a very tight parking space. The buttons on the fob allow one to straighten out the front wheels, then either have the vehicle slowly move forward or backward.

<u>There are all the other things</u>: size, # of doors, color, "coolness", cost, etc that have their priorities when determining which exact car is the one for you. The above Which is Right for Me? response mainly focuses on the <u>type</u> of EV would meet your needs should you decide on buying an EV.







### Which EV Is Right For Me? Contd

#### Some Other FAQs

What are some features I really don't need, want, or like? [Source: Consumer Reports, April 2023 Edition]



I have also found what some might consider unneeded addons to the MSRP at local Tucson dealerships:

- 6-month after purchase of Lost/Damaged Key protection - \$199
- "Advanced Total Surface Protection" sealant for paint & upholstery - \$1,090
- 7-year Tire & Wheel Protection - \$766

35

Dent & Ding Protection -\$399

once you've negotiated a good price on a
have to sign paperwork in the dealershin's
finance and insurance (F&I) office
And that's where things can get tricky.
In addition to discussing payment terms, the F&I
rep may push various add-ons, such as rust protection
and tire warranties. Those extras can add a whole
lot to the price of the car. According to Alain Nana-
Sinkam, senior vice president of business development
at TrueCar, a company that tracks the auto industry
and is a CR partner, profit margins for dealerships are
probably slimmer than you think. F&I is where they
can make the real money.
Some salespeople may even tell you that you have to
pay for paint protectant or some other extra that has
already been added to the car. But, says Gabe Shenhar,
associate director at Consumer Reports' Auto Test
Center, "If you didn't ask for an add-on, you don't have
to pay for it, even if the car already has it "

OU MAY THINK the hard work is done

TCHING	AND MORE
HAT IT IS: Engraving the car's	WHAT THEY ARE: "Protective"
IN, or vehicle identification	coatings that are sold as a we
umber, into the windows to	to maintain paint luster and
eter vehicle theft and assist in	prevent underbody rust. Interi
shicle recovery, if stolen. Dealers	sprays are meant to improve
are even say they are required	stain resistance.
y law to offer it. That may be	HOW MUCH THEY COST: Around
ue, but you are not required to	\$600 for paint protection and
ske it—or to pay for it.	\$800 for rustproofing, based
<b>DW MUCH IT COSTS:</b> Between	on the experience of CR's car
200 and \$300, based on	shoppers, though pricing may
R's experience. Some dealers	vary widely among dealers.
ill sell the car pre-etched	WHY YOU SHOULD SAY NO:
nd attempt to later upsell	The frame, exterior paint, and
iis unnecessary service.	interior fabrics in today's
HY YOU SHOULD SAY NO:	new cars are designed to last
's unnecessary. All new cars	a decade or longer, so extra
ave VINs stamped in multiple	protection isn't necessary.
laces, including under the	Periodic cleaning is all the car
bod and inside the doorjambs.	needs to look good for years.

EXTENDED WARRANTY	WHEEL AND	NITROGEN-	PINSTRIPING AND OTHER
COVERAGE	TIRE WARRANTY	FILLED TIRES	EMBELLISHMENTS
WHAT IT 18: This insurance	WHAT IT IS: Specific coverage	WHAT THEY ARE. The pitch is	WHAT THEY ARE: Add-ons like
covers defects that could	for wheel and tire damage due	that nitrogen-filled tires are	mud flaps, door edge guards,
arise ofter the car is	to driving over curbs, potholes,	less susceptible to the pressure	and decorative stripes along
no longer covered by the	and other road hazards.	changes that come with	the side of the car that may be
factory warronty.	How Wuck IT COSTS: Pricing	fluctuations in temperature	offered to personalize a vehicle,
HOW MUCK IT COSTS: Prices vary	varies. Chad Fritsche, a	than thres filled with regular	and increase dealer profit.
widely, but on the high end they	Chevrolet solesperson in	air. Some dealers will prefill	How MUGH THY CBST: Decler-
can easily add \$2,000 or more	Kentucky. says his dealership	thres with nitrogen, dfiking	added items can pad the
to the total price of your car.	charges about \$700 for	green tire stem caps as proof	price by hundreds of dallars
And if you finance that charge, it	the coverage.	that it has been done.	or more before factoring
will cost even more because	WHY YOU BHOLD SAY No:	<b>HOW MUGH THEY COBT:</b> Shenhar	financing into the cost.
of the interest you'll pay.	Most cars don't have the	says he has had dealers try to	WHY YOU SHOLD SAY MO.
WHY YOU SHOULD SAY NO.	expensive low-profile tires	tack on \$400 for this.	Unless you specifically calked for
Most new cars diready come	that are more damage prone.	<b>WHY YOU SHOULD SAY NO:</b>	something, you should refuse to
with factory-backed protection,	"If you're buying an \$80,000	All is mostly nitrogen anyway.	pay for it. Shenhar says: "The
withich usually last several years	Corvetle, If might be worth	Ryan <u>Pascatokowski</u> ,	car should be ready to go when
and then of thousands of miles.	getting this coverage because	manager of CR's tire program,	it car should be ready to go when
Powertrain warrolite stypically	those wheles are price,"	says all thres lose pressure	it car should be nots, the window
last longest and cover the	Fritsche says. (Check to see	over time, regardless of what's	sticker, two sets of keys, and the
vehicles most expensive parts.	what your insurance covers.)	inside them.	owner's manual are included."

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RUSTPROOFING

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### FAQs ABOUT BUYING AN EVcontd

### How Can I Test Drive An EV Before Buying?

For most EVs it is now possible to test drive an EV through the dealership for about an hour. However, I recommend that you test drive an EV for 4-7 days, and charge it up at least once at a Level II and Level III Charger. In order to do so the only way to rent current EVs is via TURO. I have rented all but one EV through TURO.

TURO a peer to peer rental company\* https://turo.com/

Tucson: (19) Ford Mustang Mach-e; Ford F-150 Lightning, Kia EV 6; Nissan Leaf; Nissan Ariya; Rivian R1S, Tesla Model 3, S, X & Y;

Phoenix (200+) :Tesla Model 3, S, Y,& X; BMW i4, iX, Chevy Bolt; Fiat 500e; Hyundai IONIQ 5; KIA Niro EV, EV 6; **EV9;** Sonata & IONIQ Hybrids & PHEVs; Fiat 500e, Ford Mustang Mach-E, F-150 Lightning; Lucid Air; Mercedes-Benz EQB, EQS; Polestar2; Porsche Taycan; Rivian R1S. R1T truck; Toyota Prius & RAV4 Hybrids; Volvo XC60 & XC90

\* Peer to peer means that TURO is the agent that arranges for you to rent from an individual or small company.

- Someone that is willing to rent out it's "personal" vehicle.
- TURO has some strict terms & conditions for the one renting out the vehicle AND also for persons renting the vehicle.
- The availability of specific year, make, & model, is dependent on when it isn't already being rented out or is being used by the owner.
- The location where the car is to be picked up and returned is determined by the owner of the vehicle, and can be negotiated.
- The daily rental price is determined by the owner, as is the amount of free mileage provided.



### Which EV Is Right For Me? Contd

Some Other FAQs



### What tools can I use to check out EVs?

On-line Buying Guides, and Reviews

Consumer Reports: Buying Guides, Reviews & Car Buying Service Consumer Reports Hybrid & EV Buying Guide https://www.consumerreports.org/cars/hybrids-evs/buying-guide/ Car Finder/Selector [Requires at least Digital Magazine Subscription/membership] https://www.consumerreports.org/car-finder/ Digital Magazine Subscription – EV Features, Specifications, Road Test Reports, also reports on almost anything you buy - products & services (\$10/mo,\$39/yr) https://www.consumerreports.org/cars/ **Very Complete Road Test Reports** Car Buying Service https://www.consumerreports.org/cars/car-prices-build-buy-service/ Edmunds: Buying Guides and Reviews 😂 edmunds One of My Favorite sites, https://www.edmunds.com/electric-car/articles/ev-buying-guide very complete set of guides & range data Car And Driver: Buying Guides and Reviews  $\equiv$  CAR<sup>III</sup>DRIVER https://www.caranddriver.com/ev/

### MY MOST OFTEN FAQ : What EV Do I Like Best Of those I have driven?

#### THE KIA EV6 GT- LINE RWD





#### YACHT BLUE

#### CHARCOAL / MISTY GRAY VEGAN SYNTEX SEAT TRIM

<b>2024 EV6</b> Lig	ht RWD Light Long Range RWD Light Long Range AWD Wind RWD W	/ind AWD GT-Line RWD GT-Line AWD GT AWD Compare Trims	
Highlights		^	MSRP
Capabilities and Comfort	Convenience and Innovation	Kia Drive Wise Driver Assist Technology	\$54,57
77.4 kWh Battery w/ up to 310 Miles of EPA-Estimated Range	12.3-inch Dual Panoramic Displays w/ Navigation, Kia Connect &	Auto Emergency Braking Technology w/ Evasive Steering Assist &	
225 Horsepower & 258 lb-ft. of Torque	Siriusxine Satellite Radio	Junction Crossing Detection	
800V System Ultra-Fast DC Charging Capability	Augmented Reality Head-Up Display	Blind Spot Detection Technology	
GT-Line Body & Interior Styling	0-60 mph in 3.4 seconds	Rear Cross-Traffic Collision Avoidance Assist	
Suproof	Wireless Phone Charger	Lane Keeping & Following Assist Technology	
Sumon	Smart Key w/ Push Button Start & Remote Start	Smart Cruise Control w/ Stop & Go & Machine Learning	
19-in Alloy Wheels, Black Finish	Surround View Monitor	Highway Driving Assist 2	
Vegan SynTex & Suede Seat Trim	Blind-Spot View Monitor	Safe Exit Assist	
Heated & Ventilated Front Seats	Demote Second Dealities Assist		
Vehicle-to-Load: Onboard Generator	Remote Smart Parking Assist	Front & Rear Parking Sensors	
Towing ready, capable up to 2,300 lbs.	Auto-Dimming Rearview Mirror w/ HomeLink® Garage Opener	Rear Parking Collision Avoidance Assist	

# LET'S CHAT