

# Road Trips

Our Experiences - 3,340 miles over 60 days

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## Road Trips - Types

1. Destination - Point A to Point B (Las Vegas to Castro Valley)
1. Free Lance - Destination are planned while enroute to a General Destination (Las Vegas via Grand Canyon, Death Valley, Beatty, Ely to Salt Lake City, St. George (UT), Mesquite (NV) to Las Vegas (10 day trip)

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## Road Trips - Vehicles

1. Volvo V60 T6 Polestar AWD (18 gallon fuel tank)
2. Kia EV 6 GT Line AWD (77kw- useable 68kw)
3. Mazda CX 9 Signature AWD (18 gallon fuel tank)

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## Road Trip - Important Features

Sincere we were in a Vehicle for 2 to 6 hours a day, the #1 Feature

### **COMFORT**

Lack of COMFORT leads to Fatigue. When your tired you have problems enjoying your Road Trip

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## Road Trip - Route Planning

Route Planning is important to reduce stress.

### Key Issues

1. Speed
2. Elevation Changes
3. Weather (Hot/Cold)
4. Winds

These Issues predicate how often to refuel

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## Road Trip - Cost

The largest cost was not fuel, but Hotels and Dining

Fuel Cost - \$4.48 to \$5.19 (Mazada/Volvo) 385 to 425 miles of range

Energy Cost - 21 cents to 32 cents per KW (EV 6) 3.5 to 4.2 miles per KW or 238 to 285 miles of range

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## Road Trip - Navigation

1. All three Vehicles have their own Navigation System.

The majority of the Road Trip we used the Masada

Primary - Sirius Navigation (Satellite)

Navigation Systems using Cellular were only used for Route Planning. For EV Route Planning "A Better Route Planner"

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## Tips & Tricks

1. We only took enough clothes for 7 day
2. Always take enough medicine last two day longer the the planned trip
3. Staying hydrated is important, paying \$1 to \$2 a bottle of water was criminal. We bought a 32 bottle case and a small ice chest
4. Hotel Coffee is really bad, so we brought along our own Coffee Maker and Coffee.
5. EV's, we learned never go lower than 20%, because many charging stations have defective chargers, so with the 20% margin we could limp to another charger further down the road
6. When planning a trip, realize it going to take one to two hours longer with a EV, because of frequent stops to recharge

Example: LV to Castro Valley, ICE - one fuel stop. EV four to six stop, approx 20 to 30 minutes per stop

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## Road Trip - Safety

We have done both Pre-COVID and Post- COVID trips. Drivers are now more aggressive and hostile, especially CA, OR and WA.

Speed is another issue, it was common to see Speeds in the excess of 100 mph.

In large Cities we made a habit of being in the Hotel before dark, Several times we were stuck in Walmart Parking Lots (recharging) at night with some real scary people loitering about.