

Electric Car – Why I pulled the trigger

California Gas Prices

Environment – Traditional Environment, Political as well as financial

COVID Made me do it?

Ordered May 16, 2022 – Took Delivery September 30, 2022

Currently have nearly 20,000 miles on car after 15 months

ICE (Internal Combustion Engine) vs Electric

2007 Ford Sportrac

- 14 mpg city – ~21 mpg highway
 - 25 to 38 cents per mile
- Can carry taller cargo
 - Removable tonneau cover on bed
 - Back seat + small bed
 - Limited for gig transport
- 169k miles – bought used 12 years ago with 57k miles

2022 Tesla Model Y Long Range

- 125 MPGe combined
 - 131 city, 117 highway
 - 7 to 12 cents per mile
- Big storage area
 - Lots of room under rear hatch
 - My 6'2" double bass fits inside!
 - All of our gig equipment fits inside

Maintenance Savings

- No Oil Changes
- No Transmission Fluid Changes or Services
- No Exhaust System or Catalytic Converter
- No Engine Air Filters
- No Tune-ups, Spark Plugs, etc.
- No Timing Belts to Replace
- Brakes Last a lot Longer
 - Regenerative Braking – Single Pedal Driving
- Fewer Moving Parts and Things to Go Wrong

Driving Experience

- Quieter and Smoother
 - Much more responsive accelerator
- No Exhaust
- Convenient Home Charging
 - Timed charging
 - Start of Charging (for best rates)
 - Time of Departure (including cabin temperature prep)
 - Use of Home Solar Panels to off-set costs (Driving on Sunshine)
 - Hardwired 220v Charger (40 Amp)
 - About 40 Range-Miles Per Hour Charging

Charging – Solving Range Anxiety

- Travel (Public) Charging Networks
 - Tesla
 - 75 amp, 150 amp, 250 amp (higher rates in the works)
 - 800 down to 100 Range-Miles Per Hour
 - Opening to other vehicle brands
 - NACS (North American Charging Standard) plugs
 - Electrify America
 - Evgo
- Other Connector Types
 - J-1772
 - CCS-1

Other things that made me say YES:

- Tesla announced the start of battery recycling
 - A major answer to the “environmental” naysayers
- Tesla charging network
 - Set destination in Navigation System and go
 - Each charging site is automatically plotted and updated
 - Displayed:
 - Time to charger
 - Number of chargers available
 - Estimated amount of range left when you arrive at the charger
 - Estimated range to NEXT charger
 - Automatic account charging
 - Pull up, plug in, watch it charge – Food, Pee, Walk and stretch
 - Other charging networks available – You may need an adaptor



2:28

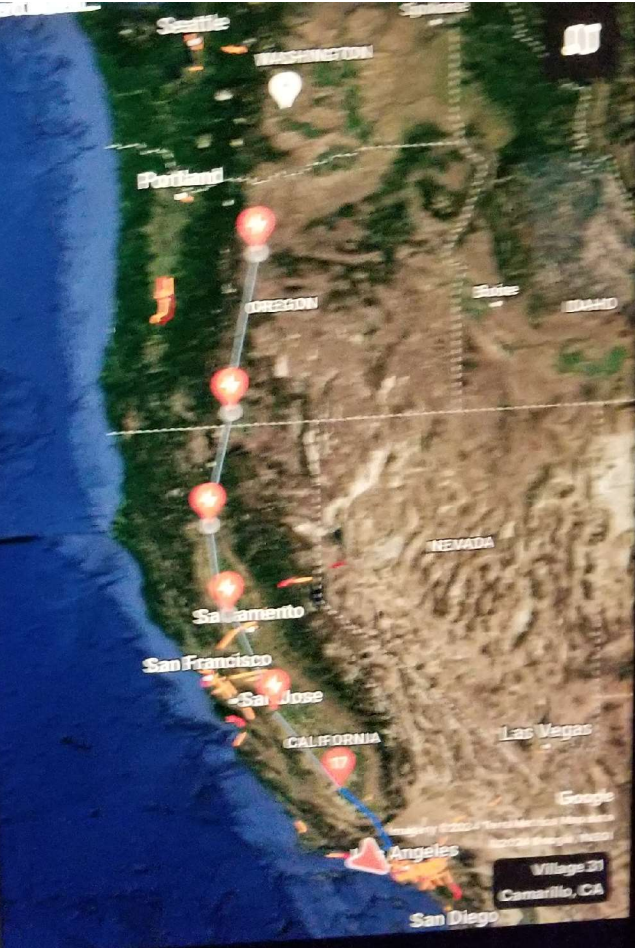
12:24

65°F

- Lost Hills, CA** Supercharger 19:48
- Castro, CA** Supercharger 21:47
- Rancho, CA** Supercharger 00:01
- Cattlemans, CA** Supercharger 01:40
- Klamath Falls, OR** Supercharger 04:18
- Madras, OR** Supercharger 07:20
- Yakima** 19:48

Supercharger Lost Hills, --

Calculating...
End Trip



The Bluefield West
Big Country Bluegrass
Blugrass



All of this - - - - Fits in - - - - Here



Slide 8

RB1

Robert Bueling, 1/2/2024

Additional Benefit

This car is a kick to drive!

Fantastic Acceleration –

Sometimes scary good

One-pedal driving

Regenerative Braking

If you regulate your accelerator you never have to touch the brake pedal



1/16/2023	8,136 Home	Home	74		191				0:00	\$19.00	52.00	132	69.110	% \$0.3654	\$0.14394	2.538461538		
1/15/2023	8,004 Bakersfield, Ca	Tesla	47	265	267	10:58	11:28	0:30	\$22.14	54.00	164	61.423	% \$0.4100	\$0.13500	3.037037037			
1/15/2023	7,840 Santa Nella, CA	Tesla	55	314	203	7:48	8:15	0:27	\$26.65	65.00	117	57.635	% \$0.4100	\$0.222778	1.8			
1/14/2023	7,723 Sacramento, Ca	Tesla	52	258	218	20:06	20:33	0:27	\$8.67	51.00	137	62.844	% \$0.1700	\$0.06328	2.68627451			
1/14/2023	7,586 Red Bluff, Ca	Tesla	22	270	1282	16:28	17:00	0:32	\$27.09	63.00	180	14.041	% \$0.4300	\$0.15050	2.857142857			
1/14/2023	7,406 Medford, Or	Tesla	306	1304	-107	13:04	13:51	0:47	\$20.30	70.00	178	#####	## \$0.2900	\$0.11404	2.542857143			
1/14/2023	7,228 Springfield, Or	Tesla	163	199	122	8:44	9:15	0:31	\$8.58	33.00	62	50.820	% \$0.2600	\$0.13839	1.878787879			
1/13/2023	7,166 Salem, Or	Tesla	77	285	194	19:26	20:00	0:34	\$15.30	51	132	68.041	% \$0.3000	\$0.11591	2.588235294			
1/13/2023	7,034 Hood River, Or	Tesla	137	271	178	2:35:00 PM	15:00	0:25	\$9.86	34	136	76.404	% \$0.2900	\$0.07250	4			
1/13/2023	6,898 Yakima, Wa	Tesla	93	315	223	10:03	10:59	0:56	\$24.08	56	109	48.879	% \$0.4300	\$0.22092	1.946428571			
1/10/2023	6,789 Yakima, Wa	Tesla	99	316	182	12:13	13:09	0:56	\$24.08	56	240	131.868	% \$0.4300	\$0.10033	4.285714286			
1/9/2023	6,549 The Dalles, Or	Tesla	145	281	175	19:26	19:54	0:28	\$9.57	33	87	49.714	% \$0.2900	\$0.11000	2.636363636			
1/9/2023	6,462 Woodburn, Or	Tesla	132	320	98	16:36	17:36	1:00	\$15.64	46	76	77.551	% \$0.3400	\$0.20579	1.652173913			
1/9/2023	6,386 Springfield, Or	Tesla	104	230	186	15:04	15:23	0:19	\$7.80	30	113	60.753	% \$0.2600	\$0.06903	3.766666667			
1/9/2023	6,273 Grant's Pass, Or	Tesla	33	290	275	12:05	12:53	0:48	\$21.70	62	136	49.455	% \$0.3500	\$0.15956	2.193548387			
1/9/2023	6,137 Redding, Ca	Tesla	107	308	185	07:55	08:40	0:45	\$21.00	50	99	53.514	% \$0.4200	\$0.21212	1.98			
1/8/2023	6,038 Williams, CA	Tesla	73	292	233	16:40	17:15	0:35	\$22.68	54	173	74.249	% \$0.4200	\$0.13110	3.203703704			
1/8/2023	5,865 Santa Nella, CA	Tesla	183	306	133	13:44	14:15	0:31	\$12.71	31	100	75.188	% \$0.4100	\$0.12710	3.225806452			
1/8/2023	Kettleman City, 5,765 CA	Tesla	31	316	285	10:10	11:00	0:50	\$29.82	71	191	67.018	% \$0.4200	\$0.15613	2.690140845			
1/8/2023	5,574 Home	Home	133	316	161				\$13.13	45	106	65.839	% \$0.2918	\$0.12387	2.355555556			
1/4/2023	5,468 Home	Home	114	294	178		5:54:00 AM	5:54	\$16.00	43.00	115	64.607	% \$0.3721	\$0.13913	2.674418605			