# Driving an Electric Car From Maryland to California And Back

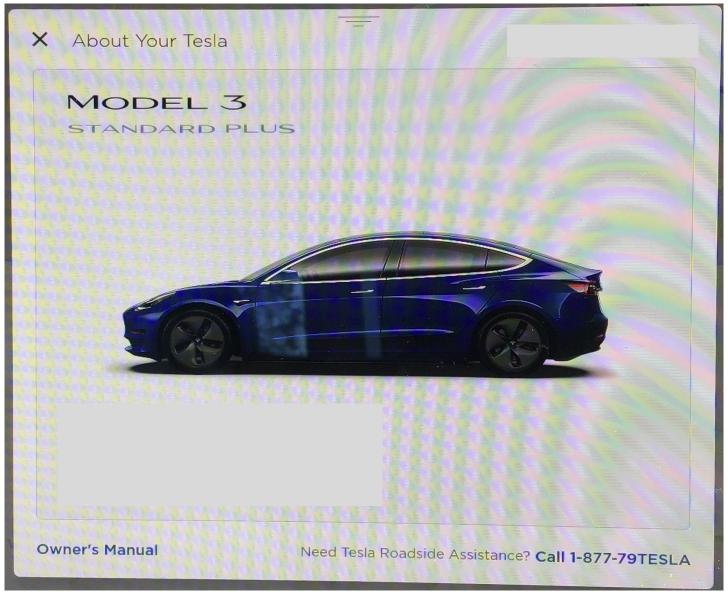
Or, How We Spent Our 2019 Summer/Fall Vacation-Between Superchargers

## **Information**

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# Our 'Electric Conestoga Wagon'



# **Software Toys That We Used**

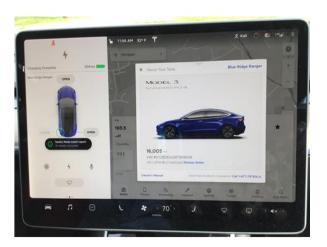
For, On, and After our trip, we used WWW Sites, Tesla SW, and Apps:



https://www.tesla.com/teslaaccount

#### **A Better Routeplanner 3.8**

https://abetterrouteplanner.com/

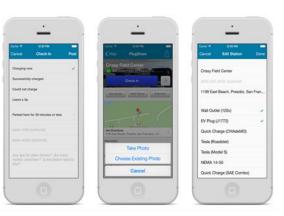


Tesla Mod 3
Onboard Software (SW)

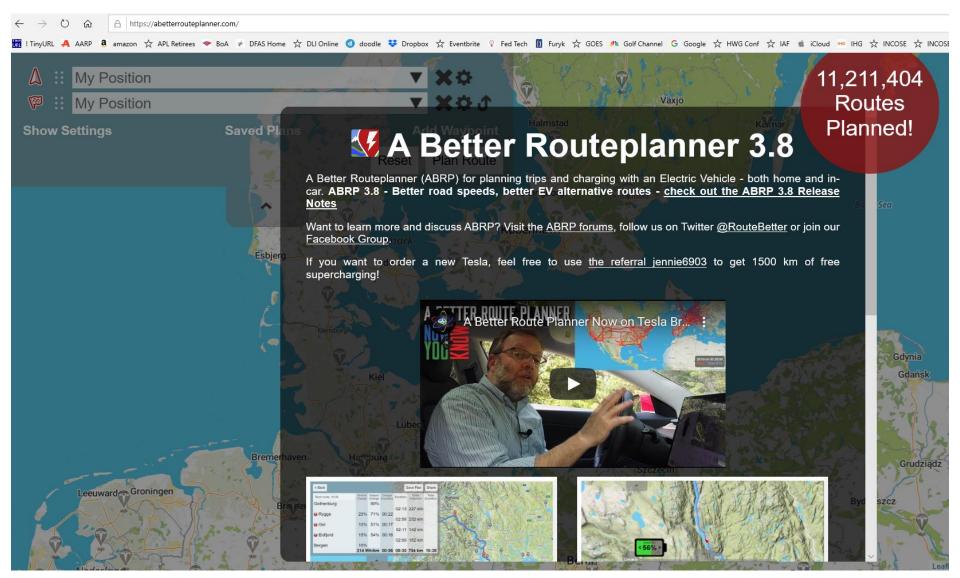


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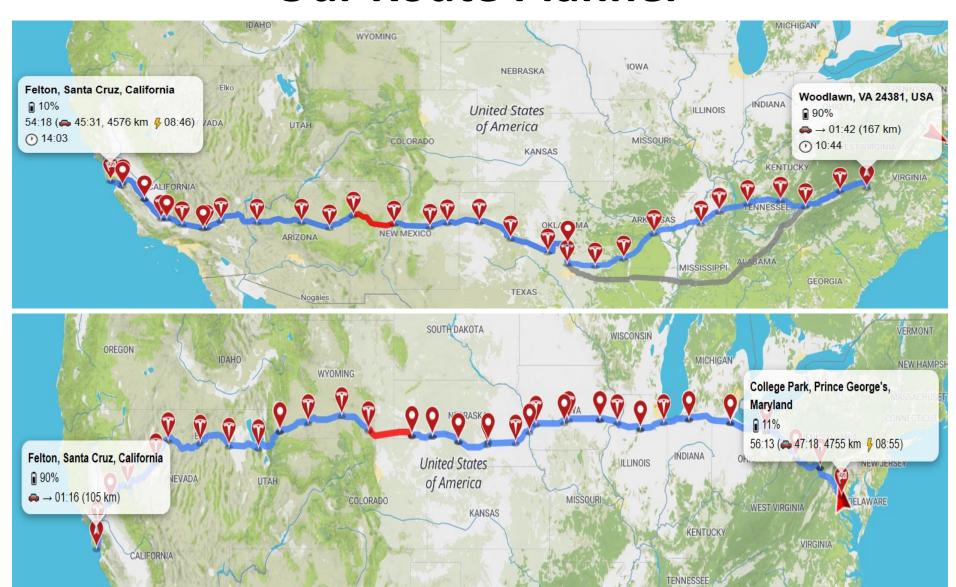


"PlugShare" App
'Check In' Feature
to provide real-time feedback
on conditions at Chargers



https://abetterrouteplanner.com/

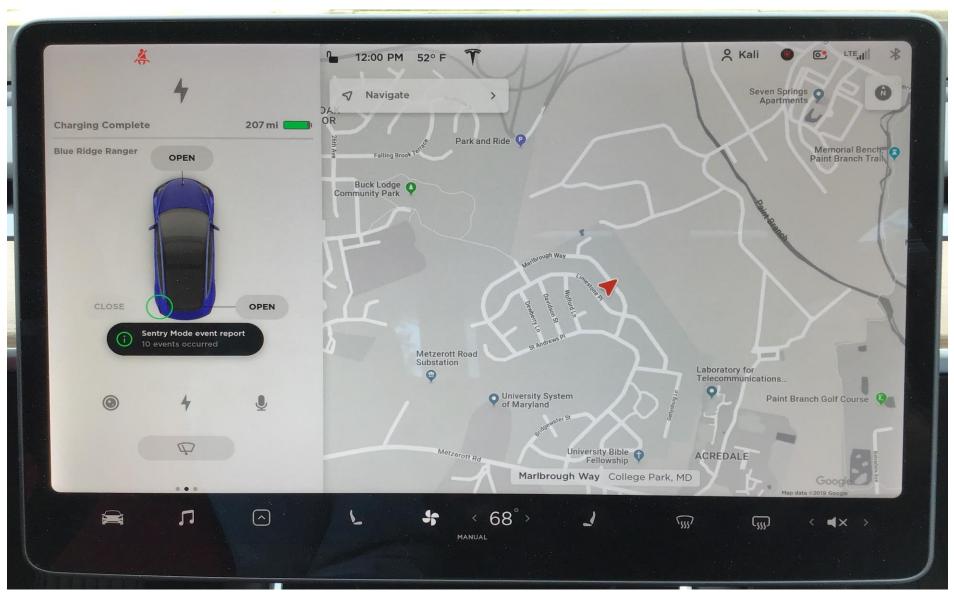




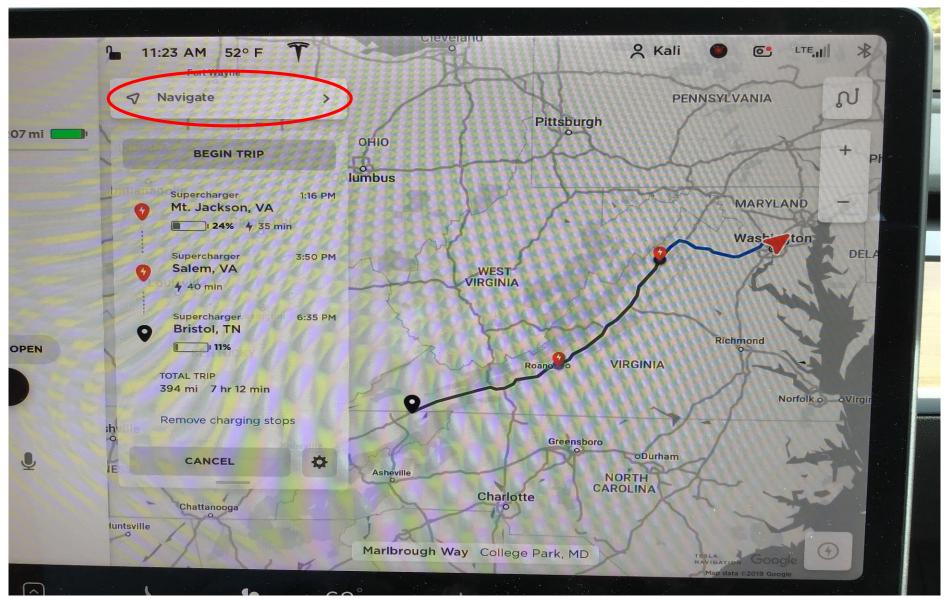
Next Charger			Y			Save Plan	Share
Best route, 53:42			Charge Duration	Charge Cost	Duration	Distance	Total Duration
Woodlawn, Carroll, VA, USA		90%			04.45	404 1	
Bristol, TN [Tesla]	33%	74%	00:13	\$3.57	01:45		
	10%	63%	00:14	\$3.79	02:01		
Cookeville, TN [Tesla]	10%	73%	00:19	\$5.01	01:29	C 2000 (200	
Dickson, TN [Tesla]	10%	62%	00:14	\$3.79			100
	10%	50%	00:10	\$2.74	01:27	93 miles	
Memphis, TN [Tesla]	10%	98%	00:42	\$8.05	01:15	75 miles	
Little Rock, Pulaski, Arkansas	20%				02:19	147 miles	14:05
Little Rock, AR [Tesla]	14%	83%	00-23	\$5.51	00:22	13 miles	
Texarkana, TX [Tesla]	10%		00:14		02:06	132 miles	
		53%	00:14	\$2.88	01:37	97 miles	
Sulphur Springs, TX [Tesla]					01:50	93 miles	
₩. <del>Benton, / IX ( resta</del> )	10%		00:42		04:18 Max 50 mph	7118 HIIIAS	
Childress, TX [Tesla]	10%	75%		\$5.14	02:05		
Amarillo, TX [Testa]	10%	75%	00:20	\$5.16	01:35	107 miles	
Tucumcari, NM [Tesla]	10%	46%	00:09	\$2.38	00:51	56 miles	
Santa Rosa, NM [Tesla]	10%	82%	00:24	\$5.67	01:45		
Albuquerque, NM [Tesla]	10%	94%	00:35	\$7.12			
Gallup, NM [Tesla]	10%	59%	00:13	\$3.55			
Holbrook, AZ [Tesla]	10%	72%	00:19	\$4.96			
Flagstaff, AZ [Tesla]	10%	91%	00:31	\$6.65	01:25		
₩ Kingman, AZ [Tesla]	10%	39%	00:07	\$1.95	02:06		
Needles, CA [Tesla]	10%	98%	00:41	\$11.94	00:59	63 miles	
Barstow, CA [Tesla]	10%		00:21	\$9.21	02:17 Max 68 mph	147 miles	
Bakersfield, CA [Tesla]	10%		00:21	\$6.17	02:30	147 miles	
W Harris Ranch, CA [Tesla]	10%		00:11	\$7.22	01:16	82 miles	
					01:34	97 miles	
Hollister, CA [Tesla]		30%	00:06	\$3.53	01:06	55 miles	20.20
Felton, Santa Cruz, California	10%		08:05	\$128		2758 miles	39:36

				Charge Duration		Duration	Distance	Total Duration	
	Point on map		90%			02:50	162 mil		
	Rocklin (SC), CA [Tesla]	24%	59%	00:12	\$4.73	02:50		e de Securi	
	Truckee - Donner Pass, CA [Tesla]	10%	66%	00:20	\$7.61	01:21			
	⊕ Lovelock, NV [Tesla]	10%	53%	00:14	\$3.82	01:52			
	₩innemucca, NV [Tesla]	15%	74%	00:22	\$5.52	01:01	71 miles		
	€ Elko, NV [Tesla]	10%	64%	00:19	\$5.03	01:48			
	₩est Wendover, NV [Tesla]	10%	62%	00:18	\$4.81	01:33			
	Tooele, UT [Tesla]	10%	67%	00:20	\$7.70	01:21	99 miles		
	Evanston, WY [Tesla]	10%	58%	00:16	\$4.35	01:32			
	Rock Springs, WY [Tesla]	10%	70%	00:22	\$5.61	01:28			
<b>1</b>	Rawlins, WY [Tesla]	10%	59%	00:17	\$4.48	01:38			
46	© Laramie, WY [Tesla]	10%	79%	00:27	\$6.35	01:25			
	Sidney, NE [Tesla]	10%	81%	00:28	\$6.48	02:10			-
	Gothenburg, NE [Tesla]	1300		00:16		02:10			
	Grand Island, NE [Tesla]	10%	79%	00:27	\$6,30	01:30		mo/va	Pec
FRT	Council Bluffs, IA [Tesla]	10%	65%	00:19	\$5.11	02:12			
27	West Des Moines, IA [Tesla]	10%	63%	00:18	\$4.84	01:52		ত্র	23
a+	Coralville, IA [Tesla]	10%	73%	00:23	\$5.86	01:54			
	Peru, IL [Tesla]	10%	79%	00:27	\$9.30	02:16			_
28	Mishawaka, IN [Tesla]	10%	71%	00:22	\$5.70	02:51	166 miles	42	-9
^	Maumee, OH [Tesla]	10%		00:20	Same and the	02:10		<u>*</u>	204
7	Macedonia, OH [Tesla]	10%		00:22		02:02		3	9
29	North Huntingdon, PA [Tesla]	10%	55%	00:15	\$4.05	02:08	132 miles		
×1	Breezewood, PA [Tesla]	10%		00:17		01.37	98 miles	5000000	
(	College Park, Prince George's, MD, USA					02:03	122 miles		
			Vh/mi	07:53	\$127	44:57	2907 miles	52:50	

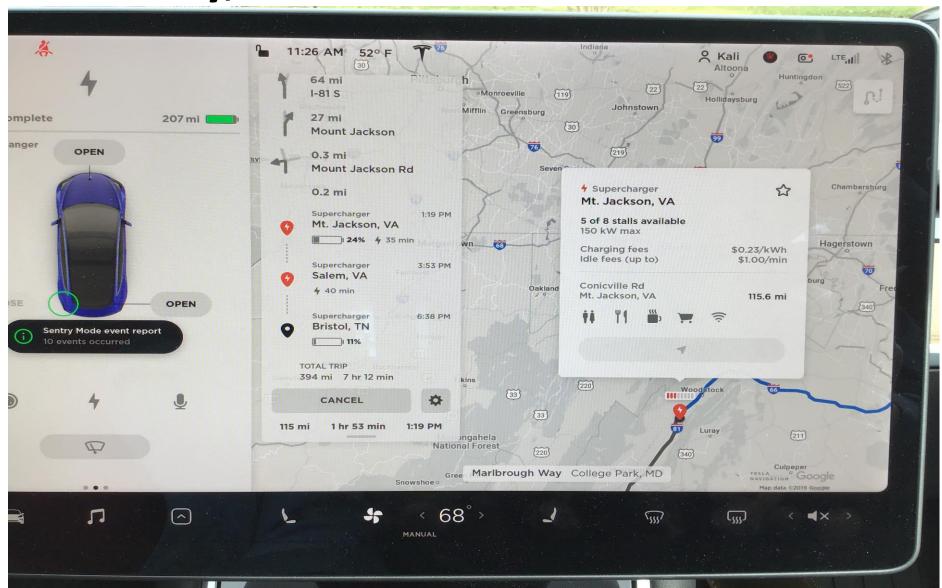
# "And Away We Go!"



# "On the Road—Again"



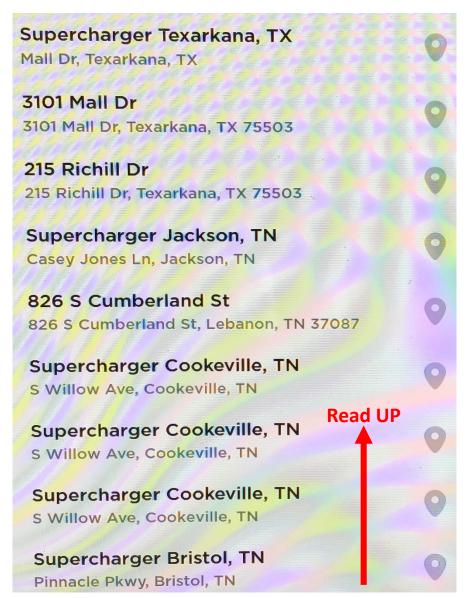
# Okay, What Are We In For Next?

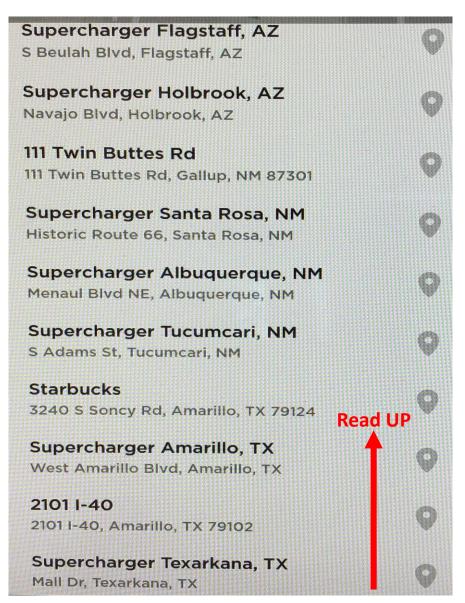


#### **Are We There Yet?**



#### Where Have We Been All This Time?





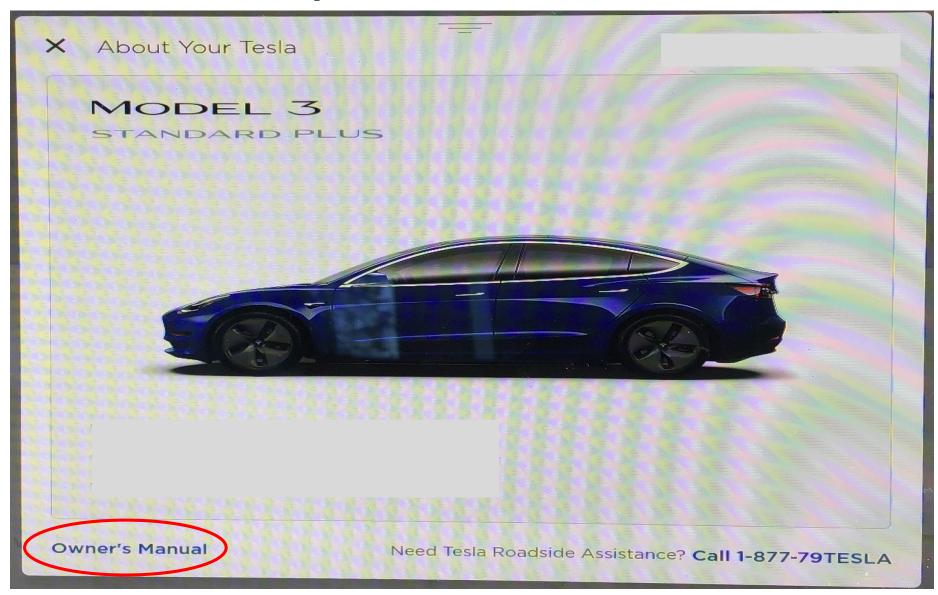
# What's All This Costing Us?

Knoxville, TN		
<b>9/8/2019</b> 2:25PM \$4.57		
Power Tier 1	17 min @ \$0.12/min	\$2.04
Power Tier 2	11 min @ \$0.23/min	\$2.53
Status		Success

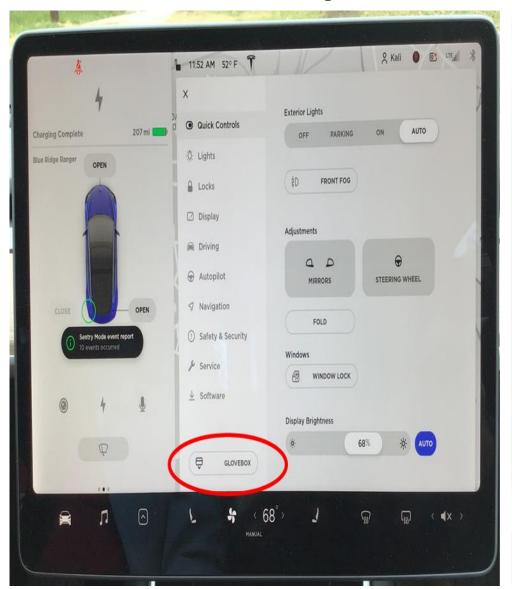
Bristol, TN		
<b>9/8/2019</b> 11:51AM \$4.84		
Power Tier 1	22 min @ \$0.11/min	\$2.42
Power Tier 2	11 min @ \$0.22/min	\$2.42
Status		Success

Departure from Woodlawn, Virginia; September 8, 2019

## **Couple More Features**



## **Couple More Features**





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