

		max \$/gal G-> \$6.47		avg mpg, lowest \$/gal-> \$1.73					
10/22/24	10.81	165,637	7,404.5	22.494	\$23,818.90	\$3.22	2008 Jeep Grand Cherokee Limited CRD - 3.0L AT - February 2014		
date	^yrs /odometer	miles	gals	mpg		avg/gal \$	place & notes (Quadra Drive II - NV245 full time with ELSD - Electronic Limited Slip Differentials)		
25-Feb-14	174,815.0	354	<-- avg/tank	532	<-- max mi/tank	29.8	<- max/mpg (col E)		1j8hr58m98c134683
	174,815.0						FAILED ON TEST DRIVE - LIMF MODE, but purchased used anyway, p0254 code, rebuilt turbo actuator module - jeweler charged \$50 to weld the leads back on		
25-Feb-14	174,815.0	0	17.0	0.00	\$67.47	\$3.97	first tank - Safeway - computer claimed 20 mpg		
15-Mar-14	175,197.0	382	17.8	21.46	\$71.00	\$3.99	second tank - replaced turbo actuator module with reman \$400 - welds by jeweler failed after two weeks.		
18-Mar-14	175,608.0	411	19.1	21.52	\$76.95	\$4.03	3rd tank - portland trip - tanked up in Olympia		
26-Mar-14	175,977.0	369	18.2	20.27	\$71.87	\$3.95	4th tank - shell -evgn way 50th - towed trailer		
4-Apr-14	176,388.0	411	19.5	21.08	\$78.58	\$4.03	5th tank - shell, snohomish computer lies, said 20.4 mpg avg. :)		
12-Apr-14	176,553.0	165	8.3	19.88	\$32.97	\$3.97	shell, clearview		
12-Apr-14	176,887.0	334	14.0	23.86	\$57.39	\$4.10	shell, monroe after 3 + 1 pass blast (Snoqualmie, Blewett and Stevens (I-90, US97, US2)		
22-Apr-14	177,239.0	352	17.2	20.47	\$67.78	\$3.94	OIL CHANGE to amsoil 5w30 euro oil 10qts 177,020 miles 4/16/2014		
29-Apr-14	177,613.0	374	18.0	20.78	\$71.45	\$3.97	evgn way safeway		
6-May-14	177,966.0	353	17.0	20.74	\$67.56	\$3.97	evgn way- xfr case reflashed on factory recall		
12-May-14	178,172.0	206	9.5	21.68	\$38.29	\$4.03	clrvw shell 1st tank with Green Diesel Engineering Ecotune		
12-May-14	178,523.0	351	13.8	25.43	\$54.77	\$3.97	spokane fred meyer - took I-90 70mph (25.43 vs 23.86 at faster speeds)		
13-May-14	178,813.0	290	10.7	27.10	\$44.95	\$4.20	shell monroe sr2 - returned from Spokane on US2 max speed 60mph (note: THIS RUN gets the best MPG, KJ CRD got 35.8, this WK in 2022 got 29.8!)		
25-May-14	179,233.0	420	18.5	22.70	\$74.91	\$4.05	shell clrvw - (towing trailer to woodinville home depot, rocks, tree)		
5-Jun-14	179,654.0	421	19.2	21.93	\$76.20	\$3.97	shell evgn way - towed rocks, pulled mark's 190E home onSR9.		
19-Jun-14	180,062.0	408	19.5	20.92	\$77.40	\$3.97	safeway - Lk Stevens - computer said 21.7, filled more than normal - .10 + .10 savings		
26-Jun-14	180,484.0	422	18.9	22.33	\$76.53	\$4.05	shell snohomish		
8-Jul-14	180,912.0	428	19.4	22.06	\$78.17	\$4.03	shell wdnvl - car wash \$6 - mountain loop hwy - barlow pass (from Granite Falls to Darrington, then around past Oso to Arlington)		
16-Jul-14	181,189.0	277	11.7	23.68	\$47.97	\$4.10	safeway - Lk Stevens - .10 savings debit pump 4.19		
28-Jul-14	181,627.0	438	19.5	22.46	\$77.40	\$3.97	safeway- 41st evt .10saving- sunroof fixed, washed, LED lights - prep SD (sunroof wasn't operating properly, debris in track)		
29-Jul-14	181,981.0	354	14.2	24.93	\$58.21	\$4.10	paid \$4.09 in WA, across in Idaho it was \$3.59!!!		
30-Jul-14	182,213.0	232	9.3	24.95	\$36.18	\$3.89	kalisPELL, mt topped off before Glacier		
30-Jul-14	182,448.0	235	9.7	24.23	\$37.82	\$3.90	great falls, mt topped off after Glacier		
31-Jul-14	182,897.0	449	18.2	24.67	\$70.96	\$3.90	dickinson, ND -car wash (sunroof)		
3-Aug-14	183,223.0	326	13.6	23.97	\$49.76	\$3.66	aberdeen, SD US 12 Shell - FIXED oil breather - had broken off, noise gone		
4-Aug-14	183,754.0	531	21.0	25.29	\$81.67	\$3.89	billings, mt (us12 I-94) almost out of fuel... 70+mph computer claims 23.5mpg -		
5-Aug-14	184,101.0	347	13.3	26.09	\$51.73	\$3.89	livingston, mt - full day in Yellowstone		
6-Aug-14	184,490.0	389	15.1	25.76	\$57.97	\$3.84	Coeur De Lane, ID - I-90 at 75mph (fuel 4.09 WA) - added 1qt 5w40 euro oil in Spokane		
8-Aug-14	184,893.0	403	17.7	22.77	\$69.54	\$3.93	fred meyer, snohomish 3,265.8 miles and 69:24 hrs for all of trip...		
22-Aug-14	185,300.0	407	18.9	21.53	\$75.01	\$3.97	shell - evgn/43rd - FEA - Big O tires LkStvns \$534. NEW LOWER BALL JOINTS 185,000		
5-Sep-14	185,720.0	420	19.5	21.54	\$77.59	\$3.98	renton mobil (near popeyes)		
11-Sep-14	186,177.0	457	19.5	23.44	\$79.35	\$4.07	safeway/41st - went to Leavenworth over the weekend		
22-Sep-14	186,649.0	472	20.7	22.80	\$80.71	\$3.90	safeway/lkstvns - FEA tweaked at BigO		
30-Sep-14	187,100.0	451	18.9	23.86	\$75.02	\$3.97	shell interurban /seatac parked at seatac to fly to sacramento - changed glow plug #2 (p0674 code) \$41 oil 1/2 qt low, due for change at 12k, 177.23(only 9,870 miles, 2.13k left)		
10-Oct-14	187,519.0	419	18.3	22.90	\$70.80	\$3.87	fred meyer, snohomish .03 discount - code cleared - running well		
18-Oct-14	187,963.0	444	19.2	23.13	\$76.78	\$4.00	shell in seattle -michigan/corson		
27-Oct-14	188,377.0	414	19.8	20.91	\$69.48	\$3.51	fred meyer everett		
7-Nov-14	188,737.0	360	17.0	21.18	\$62.38	\$3.67	fred meyer snohomish - prep for trip fix fuel line/change oil heading to Winnemucca NEVADA via Bend		
9-Nov-14	189,131.0	394	15.6	25.32	\$55.39	\$3.56	shell in Bend, OR - car wash 9.75 stayed at HIE used 15k points		
10-Nov-14	189,502.0	371	14.3	25.94	\$51.89	\$3.63	Winnemucca 399w minor st nv		

14-Nov-14	189,560.0	58	3.8	15.26	\$13.99	\$3.68	winnemucca 471 blv prepping to leave
14-Nov-14	189,768.0	208	9.3	22.37	\$34.96	\$3.76	lakeview 395 n after running 140 from NV - RACING a snowstorm CA/NV/OR - made it to Willamette Pass JUST AS THE SNOW HIT.
15-Nov-14	190,150.0	382	15.2	25.13	\$54.25	\$3.57	portland fred meyer, heading north from 82nd near clackamas
16-Nov-14	190,388.0	238	9.4	25.32	\$32.51	\$3.46	safeway evt/evg way - topped off after portland.
28-Nov-14	190,741.0	353	17.5	20.17	\$62.29	\$3.56	shell burlington, wa
9-Dec-14	191,175.0	434	19.7	22.03	\$72.88	\$3.70	safeway-lkstvns
17-Dec-14	191,579.0	404	18.9	21.38	\$66.13	\$3.50	shell evtmall way/7th
24-Dec-14	191,954.0	375	16.9	22.19	\$50.18	\$2.97	fred meyer -.03 discount, discover
5-Jan-15	192,380.0	426	19.6	21.73	\$48.98	\$2.50	safeway 132nd by dentist (shell was still \$3.49!)
20-Jan-15	192,819.0	439	19.8	22.17	\$42.75	\$2.16	safeway 132nd by dentist (fred meyer was still \$2.49!)
30-Jan-15	193,278.0	459	19.8	23.18	\$48.89	\$2.47	fred meyer snohomish - 14:09hrsUse
14-Feb-15	193,633.0	355	16.4	21.65	\$49.66	\$3.03	shell woodinville - \$8 carwash... carwash broke... need to go back.
24-Feb-15	194,034.0	401	18.3	21.91	\$50.31	\$2.75	safeway evt/evg way - der weinerschnitzel still closed
7-Mar-15	194,487.0	453	20.0	22.65	\$61.98	\$3.10	76 - sr9/204 719-91st ave - free car wash code 90062
15-Mar-15	194,900.0	413	17.8	23.20	\$55.16	\$3.10	shell evtmall way/7th - replaced taillights with long life bulbs (Centralia to get the used J10 fenders - sold \$900, need to order new ones.)
26-Mar-15	195,298.0	398	18.8	21.17	\$56.38	\$3.00	Union 76 9/204 - free car wash code 95755
7-Apr-15	195,720.0	422	19.5	21.64	\$58.50	\$3.00	Union 76 9/204 - free car wash code 82505
17-Apr-15	196,112.0	392	18.5	21.19	\$55.49	\$3.00	Union 76 9/204 - free car wash code 54734
26-Apr-15	196,511.0	399	19.2	20.78	\$57.58	\$3.00	shell bdwy/near 526 -shell
5-May-15	196,927.0	416	18.1	23.02	\$54.20	\$3.00	Shell - burlington / 20 - heading to BC for J10 fenders
13-May-15	197,376.0	449	19.5	23.03	\$60.44	\$3.10	shell bdwy/near 526 -shell - included trip to BC, then hauling 1300lbs+ of rocks , commuting.
24-May-15	197,812.0	436	19.5	22.36	\$65.51	\$3.36	leavenworth safeway - drove over for schnitzel
26-May-15	198,248.0	436	18.7	23.32	\$59.82	\$3.20	Pioneer Square 76 - car wash free - VA - Centralia Run - Seattle
29-May-15	198,727.0	479	19.7	24.31	\$59.09	\$3.00	renton mobil (near popeyes)
14-Jun-15	199,141.0	414	19.4	21.34	\$60.71	\$3.13	Shell - CA ave near trestle Evt.
25-Jun-15	199,507.0	366	17.1	21.40	\$58.13	\$3.40	pioneer square 76 - car wash \$2 (tree sap)
3-Jul-15	199,948.0	441	20.0	22.05	\$61.39	\$3.07	fred meyer snohomish - 200,000 miles hit on 7/3/2015 99th/12th pl lake stevens
12-Jul-15	200,369.0	421	19.2	21.93	\$62.76	\$3.27	woodinville shell - car wash \$6.00 (waxed car w/Mequirs) vacuumed, removed floor in back
16-Jul-15	200,604.0	235	10.8	21.76	\$35.31	\$3.27	1 - shell woodinville - top off heading out for SD
16-Jul-15	200,921.0	317	12.5	25.36	\$35.99	\$2.88	2 - mobil coeur d'alene, id - 2301 e sherman - 1st SD tank - (5:04) VISA
16-Jul-15	201,082.0	161	6.6	24.39	\$18.48	\$2.80	3 - exxon missoula, mt - HIE - 2nd SD tank B:477.6 (2hrs)- DSCVR
17-Jul-15	201,437.0	355	14.3	24.83	\$39.89	\$2.79	4 - Billings, MT casey's Corner 2816 old hardin rd - 3 rd SD tank B:832.9 (5:37) - DSCVR
18-Jul-15	201,778.0	341	15.3	22.29	\$40.53	\$2.65	5 - STURGIS, SD B:1,173.9 mi (5:15) - 4 th tank - 80mph - DISCVR
19-Jul-15	202,128.0	350	15.4	22.73	\$41.57	\$2.70	6 - Mitchell, SD B:1,523.6 (7:34) - 80mph on I-90 via Badlands/Wall 44 - 5th tank - SHELL
24-Jul-15	202,368.0	240	13.3	18.05	\$35.91	\$2.70	7 - Brookings, SD - 80mph - then errands - B:1,763.8 (10:35) - DSCVR
26-Jul-15	202,523.0	155	7.6	20.39	\$19.46	\$2.56	8 - Aberdeen, SD B:1,918.1 (2:53) - 7 th tank - 80mph I-29 - SHELL
26-Jul-15	203,055.0	532	22.2	23.96	\$62.72	\$2.83	9 - Custer, MT - 4 gals 2.98/gal 18.2 gals Billings - Casey's B:2,451 (8:57) - DSCVR
27-Jul-15	203,416.0	361	15.7	22.99	\$43.97	\$2.80	10 - Missoula - reserve st deanos ts - B:2,811.5 (6:19) - DSCVR
28-Jul-15	203,882.0	466	18.7	24.92	\$60.40	\$3.23	11 - Issaquah - car wash \$7.00 - HOME: B:3,324.2 miles total
4-Aug-15	204,283.0	401	18.6	21.56	\$61.36	\$3.30	shell off evt mall way no of 526
14-Aug-15	204,658.0	375	17.2	21.80	\$51.59	\$3.00	Shell - 51st-evgnway
21-Aug-15	204,953.0	295	13.8	21.38	\$39.59	\$2.87	fred meyer - sno - .03 discount - discover - 4.5 miles to home / START BOISE TRIP 8/22 AM
22-Aug-15	205,285.0	332	14.2	23.38	\$40.89	\$2.88	spokane holiday - argonne near HIE spokane valley
24-Aug-15	205,704.0	419	16.6	25.24	\$48.13	\$2.90	Boise, ID - Stinker - \$3 car wash - 751.3 mi on trip - teaching Linux class 24-28 Aug
28-Aug-15	205,791.0	87	5.9	14.75	\$16.75	\$2.84	boise, id - running back and forth short trips, lots of idling in 90+ heat
29-Aug-15	206,182.0	391	15.7	24.90	\$37.67	\$2.40	Ellensburg - astro #113 canyon road

6-Sep-15	206,612.0	430	18.2	23.63	\$50.94	\$2.80	everett/50th - total trip b 1,658.7 miles 29hrs
13-Sep-15	206,898.0	286	12.6	22.70	\$33.51	\$2.66	Pilot truck stop exit 99, Tumwater, WA - snacks (enroute to Travis AFB , stop in Albany, OR)
14-Sep-15	207,291.0	393	15.0	26.20	\$38.54	\$2.57	Fred Meyer - Medford - tacobell/in-n-out burger 7:25' enroute to Red bluff HIE
18-Sep-15	207,705.0	414	18.1	22.87	\$45.98	\$2.54	travis AFB gas station, fairview/vacaville, CA Solaris Class (trip 807.4)
24-Sep-15	207,951.0	246	13.2	18.64	\$33.52	\$2.54	travis AFB gas station, Solaris Class (trip 1053.3) (San Francisco & local traffic, lots of idling/ac
25-Sep-15	208,436.0	485	19.0	25.53	\$49.38	\$2.60	cottage grove, OR - dinner carl's jr, stayed in HIE springfield
1-Oct-15	208,880.0	444	19.0	23.37	\$56.99	\$3.00	lk stvns - 76, car wash free - end of trip from CA, total miles1,981.8 miles
10-Oct-15	209,315.0	435	19.3	22.54	\$46.30	\$2.40	safewaylkstvns - heading to portland Sunday AM
12. Oct. 2015	209,788.0	473	18.2	25.99	\$44.75	\$2.46	safewaylkstvns - back from portland Monday PM - AMSOIL pickup in tigar
26. Oct. 2015	210,182.0	394	18.3	21.53	\$47.02	\$2.57	fred meyer - snohomish
1. Nov. 2015	210,596.0	414	18.2	22.75	\$44.94	\$2.47	fm - marysville after bridge of spies - trip to centralia to get moulds - very windy/raining hard
11. Nov. 2015	211,016.0	420	19.2	21.88	\$56.82	\$2.96	safeway - Lk Stevens - NEW Discount TIRES: Pirelli Scorpion Verde A/S plus \$950.77 (\$79.77 tax)
15. Nov. 2015	211,484.0	468	20.0	23.40	\$51.98	\$2.60	safeway- Kent - retrn trip from Portland, OR
29. Nov. 2015	211,887.0	403	18.9	21.32	\$44.97	\$2.38	Safeway Mt. Vernon, WA 301 E. College Way - dscvr
11. Dec. 2015	212,293.0	406	19.7	20.61	\$41.55	\$2.11	Fred Meyer - Lynnwood, WA -becu debit
19. Dec. 2015	212,716.0	423	19.5	21.69	\$41.71	\$2.14	Lynnwood, Fred Meyer - visa - OIL CHANGE 12/18/2015 amsoil 5w30 212600.
29. Dec. 2015	213,130.0	414	19.8	20.91	\$38.99	\$1.97	FM - 164th-lynnwood - 20c discount 16:56 time
3. Jan. 2016	213,410.0	280	12.6	22.22	\$28.97	\$2.30	shell leavenworth-cashmere (dryden, wa)
17. Jan. 2016	213,814.0	404	18.3	22.08	\$41.52	\$2.27	FM - Murphy's corner Evt.
30. Jan. 2016	214,160.0	346	15.5	22.32	\$40.75	\$2.63	shell - woodinville \$6.00 car wash (Diesel \$1.89 at FM on murphy's corner!!!!)
10. Feb. 2016	214,576.0	416	19.1	21.78	\$41.24	\$2.16	safeway everett
25. Feb. 2016	214,964.0	388	19.8	19.60	\$37.60	\$1.90	safeway everett
6. Mar. 2016	215,241.0	277	11.5	24.09	\$21.04	\$1.83	fred meyer mt vernon/burlington
20. Mar. 2016	215,653.7	413	19.5	21.16	\$49.32	\$2.53	woodinville shell - car wash
1. Apr. 2016	216,082.0	428	19.3	22.19	\$41.86	\$2.17	fm murphy's corner
21. Apr. 2016	216,499.0	417	19.3	21.61	\$39.93	\$2.07	fred Meyer - Lynnwood, WA -becu debit
2. May. 2016	216,913.0	414	19.7	21.02	\$34.06	\$1.73	safeway 41st evt \$0.40 savings!!! REAR ENDED on 24 april 2016 - \$2600 damage
9. May. 2016	217,386.0	473	19.5	24.26	\$44.25	\$2.27	FredMeyerSnohomish - NEW BILSTEIN SHOCKS, new air filter - leavenworth on Sunday - new hitch and bumper accident on 4/24
20. May. 2016	217,793.0	407	19.4	20.98	\$45.18	\$2.33	FredMeyerLynnwood - a week in Seattle with bad brake booster - loose turbo/oil breather (LINUX CLASS Air Force)
06/07/16	218,191.0	398	19.4	20.52	\$44.61	\$2.30	safeway, everett 41st - new brake booster & line , and yakima kayak rack
06/17/16	218,567.0	376	18.2	20.66	\$45.49	\$2.50	safewy - lk stvns - saved 10c/gal
06/26/16	218,955.0	388	19.9	19.50	\$53.11	\$2.67	mysville shell - towed trailer to jim blair's - loaded with tools
07/03/16	219,335.0	380	18.0	21.11	\$42.46	\$2.36	safewy - lk stvns - saved 20c/gal
07/12/16	219,758.0	423	18.8	22.50	\$48.11	\$2.56	sfwy - lk stvns
07/20/16	220,058.0	300	14.6	20.55	\$35.91	\$2.46	safeway lk stvns
07/24/16	220,488.0	430	19.5	22.05	\$54.00	\$2.77	woodinville shell - car wash \$7.00
08/03/16	220,875.0	387	18.5	20.92	\$44.38	\$2.40	sfwy-evt - 20cent discount total time 15:07 running
08/10/16	221,324.0	449	19.8	22.68	\$54.03	\$2.73	shell - 180th - trip to bellingham for mark - portland amsoil run start
08/12/16	221,750.0	426	16.7	25.51	\$43.91	\$2.63	shell in Beaverton, OR, \$8 car wash
08/17/16	222,178.0	428	18.4	23.26	\$47.82	\$2.60	safeway- 41st evt - back from Portland total miles 854.3 24:06 hrs
08/27/16	222,557.0	379	19.0	19.95	\$47.48	\$2.50	fred Meyer - Lynnwood, WA -becu debit
09/04/16	222,977.0	420	19.0	22.11	\$51.29	\$2.70	pilot truck stop exit 99, Tumwater, WA - snacks (Beasley's Burgers, then Mineral Lake to KAYAK and home)
09/09/16	223,368.0	391	17.0	23.00	\$42.83	\$2.52	safeway 41st evt
09/14/16	223,691.0	323	16.0	20.19	\$38.71	\$2.42	safeway 41st evt - 10c savings - took mukilteo-ferry-coupeville-port-townsend-kingston
09/18/16	224,056.0	365	17.0	21.47	\$38.92	\$2.29	fred meyer - monroe \$0.30/gal savings on way to leavenworth... (kayaks on top for last 2 tanks...)
09/27/16	224,489.0	433	19.4	22.32	\$44.99	\$2.32	safeway 41st evt - 20c savings (heading to OR in a couple days)

10/01/16	224,939.0	450	18.4	24.46	\$43.59	\$2.37	florence, OR fred meyer run down 101 coast
10/02/16	225,418.0	479	18.6	25.75	\$49.65	\$2.67	safeway 41st evt
10/13/16	225,800.0	382	17.9	21.34	\$42.94	\$2.40	safeway - Lk Stevens - storm heading in...
10/22/16	226,190.0	390	18.5	21.08	\$42.53	\$2.30	safeway - Lk Stevens - 20c savings – taught class in Maple Valley – Friday, wk 1, 4 more to go
10/29/16	226,630.0	440	18.2	24.18	\$46.76	\$2.57	fred meyer- snohomish becu – leavenworth trip, and maple valley home via carnation/duvall
11/09/16	227,022.0	392	19.0	20.63	\$48.81	\$2.57	fred meyer- snohomish becu – NEW lower control arm, and axle mounts – daltons \$1k
11/21/16	227,409.0	387	18.8	20.59	\$46.42	\$2.47	fred Meyer – murphy's corner – fea not done, not far off
12/01/16	227,794.0	385	17.9	21.51	\$49.57	\$2.77	Shell - woodinville \$8.00 car wash
12/08/16	228,134.0	340	16.6	20.48	\$41.48	\$2.50	Safeway - 132 nd silver firs (pu wvo/dentist appt)
12/17/16	228,466.0	332	16.4	20.24	\$39.35	\$2.40	costco woodinville (snow! Not sticking...) 14:29 – FEA at Dwayne Lane's perfect , xfr case working, new key fobs
12/27/16	228,835.0	369	19.0	19.42	\$46.54	\$2.45	costco woodinville (picking up lean protein) (very little snow on the gnd – chiro – went kayaking 12/26!)
01/09/17	229,251.0	416	19.3	21.55	\$50.36	\$2.61	fredmeyer-Evt-evgnway
01/15/17	229,611.0	360	17.0	21.18	\$44.19	\$2.60	shell-anacortes - coming back from the Bridge Christian Fellowship
01/29/17	230,065.0	454	19.8	22.93	\$53.45	\$2.70	shell-downtown anacortes after the Bridge CF - Gal 5:1-6 / lunch at figaldo drive in... eh.
2/10/2017	230,492.0	427	19.2	22.24	\$53.74	\$2.80	lkstvns safeway - fill up before Portland/Amsoil trip
02/13/17	230,798.0	306	12.3	24.88	\$32.83	\$2.67	shell lake oswego, OR - amsoil run
02/18/17	231,267.0	469	18.3	25.63	\$50.67	\$2.77	fred Meyer -murphy's corner -becu debit
02/28/17	231,686.0	419	18.4	22.77	\$47.82	\$2.60	costco woodinville
03/12/17	232,109.0	423	19.4	21.80	\$52.36	\$2.70	anacortes - shell - the bridge CF - then over to MtVernon - Gunderson Rd
03/19/17	232,413.0	304	13.9	21.87	\$39.88	\$2.87	car wash-woodinville shell before going to Ellensburg, Blewitt, Leavenworth
03/21/17	232,783.0	370	14.9	24.83	\$38.43	\$2.58	costco woodinville
03/28/17	233,224.0	441	19.6	22.50	\$50.16	\$2.56	costco woodinville
04/02/17	233,685.0	461	19.7	23.40	\$52.99	\$2.69	taylor cutoff station sequim - sunny in sequim / 233925 oil change, fuel filter, cabin filter and seal on #6 injector
04/11/17	234,110.0	425	18.9	22.49	\$50.54	\$2.67	fred meyer murphys corner - NEW glow plugs #1, 2 and 5 - hood support
04/18/17	234,558.0	448	19.2	23.33	\$51.85	\$2.70	shell in burlington / sr 20 - tulips midweek
04/26/17	234,995.0	437	18.8	23.24	\$48.87	\$2.60	ten cents off safeway 41st and evergreen
5/6/2017	235,413.0	418	18.7	22.35	\$46.74	\$2.50	costco woodinville
5/13/2017	235,842.0	429	19.1	22.46	\$47.35	\$2.48	woodinville costco
5/21/2017	236,284.0	442	19.4	22.78	\$52.36	\$2.70	shell in anacortes on sr20
05/24/2017	236,486.0	202	9.0	22.44	\$26.10	\$2.90	u76 sr104/9 - car wash - NEW battery Les Schwab \$185 (they blew a 7.5A fuse)
06/02/2017	236,913.0	427	19.3	22.12	\$53.41	\$2.77	sno fred meyer after MT/Chiro and Clara Vista coffee beans - kayaked in skagit estuary last week
06/10/2017	237,299.0	386	18.2	21.21	\$50.43	\$2.77	fred meyer sno before going to mt. vernon - after chiro appt clrvw - SI issues
06/17/2017	237,730.0	431	17.5	24.63	\$43.75	\$2.50	costco in woodinville
06/25/2017	238,129.0	399	17.9	22.29	\$50.65	\$2.83	car wash-woodinville shell (\$7)
07/03/2017	238,551.0	422	20.0	21.10	\$49.98	\$2.50	safeway - 10cents disc. 41st Evt - switched to newer 5w40 amsoil on fill (added oil)
07/06/2017	238,911.0	360	17.8	20.22	\$46.28	\$2.60	1 - Coeur d' Alene, ID - Mobile fuels - discover
07/07/2017	239,070.0	159	7.8	20.38	\$20.43	\$2.62	2 - Missoula, MT -CENEX - discover
07/07/2017	239,419.0	349	19.1	18.27	\$48.50	\$2.54	3 - Billings, MT Holiday - discover - 80mph, strong winds with Kayaks temps in 90's
07/07/2017	239,738.0	319	19.4	16.44	\$47.52	\$2.45	4 - Dickinson, ND Tri-Energy Coop - Discover - 80 mph, strong headwinds, with kayaks - 99F - added 1qt 5w40
07/09/2017	240,038.0	300	13.7	21.90	\$30.81	\$2.25	5- Ken's Super Fair (SHELL) Aberdenn, SD (washed jeep)
07/12/2017	240,308.0	270	13.8	19.57	\$31.04	\$2.25	6- Ken's Super Fair (SHELL) Aberdenn, SD (washed jeep)
07/12/2017	240,648.0	340	16.8	20.24	\$45.34	\$2.70	7- Badlands Trading Post - after Wall and Badlands (did loop from Wall) - to Custer IHG
07/13/2017	240,964.0	316	16.1	19.63	\$40.89	\$2.54	8- Lusk, WY after Crazy Horse, Rushmore and Culvers... Custer to Casper day some winds
07/14/2017	241,067.0	103	5.2	19.81	\$11.90	\$2.29	9- Casper, WY - trip 2,516.7
07/14/2017	241,267.0	200	8.9	22.47	\$23.67	\$2.66	10- Dubois, WY - trip 2716.5 - Wind River
07/15/2017	241,586.0	319	13.3	23.98	\$33.77	\$2.54	11- Cenex - Livingston, MT - trip 3,035.4 mileage in YELLOWSTONE

07/16/2017	241,692.0	106	5.1	20.78	\$12.55	\$2.46	12-Thriftway #4 Harrison Ave, Butte, MT - discover 3,141.9 trip.- kept speed down to 60-65 windy
07/16/2017	241,990.0	298	12.7	23.46	\$33.02	\$2.60	13-Conoco - CDA, ID - trip 3,439.8 trip BECU debit - speeds down 60-65 strong winds
07/17/2017	242,291.0	301	12.4	24.27	\$30.62	\$2.47	14-FredMeyer-Monroe - 3,754.3 total miles - home
07/26/2017	242,703.0	412	18.2	22.64	\$52.77	\$2.90	frontier village U76 - car wash - added 1 qt 5w30.
08/02/2017	243,006.0	303	13.9	21.80	\$34.75	\$2.50	costco woodinville - bought 20/3.5 vlnr (and 50/1.4 afd kenmore)
08/11/2017	243,407.0	401	19.1	20.99	\$50.99	\$2.67	fred meyer snohomish - added 1qt 5w30 euro oil
08/28/2017	243,649.0	242	11.1	21.80	\$33.30	\$3.00	u76 sr104/9 - car wash - \$2111.05 repairs - oil leaks... broken air tube/cover, engine rattles, a/c? fleetservices - 5w40 AMSOIL TOTAL BILL \$2,111.05 (parts \$82.87 - but also purchased by me via MBz Lynnwood. Fleet Service replaced rear main seal (\$828)
09/03/2017	243,910.0	261	13.0	20.08	\$37.95	\$2.92	anacortes - trip at 240.2-reset during additional repairs fleet services- total bill \$2425.01 - replaced air inlet/idler pulles and serpentine
09/13/2017	244,385.0	475	22.7	20.93	\$68.45	\$3.02	sno fred meyer after new front bearing/brakes/fea - \$15 at 3.19 added by fleet services - a/c recharged, heat shield repaired 8/15-9/13
09/20/2017	244,794.0	409	18.3	22.35	\$54.34	\$2.97	fredmeyer Murphy's corner
09/24/2017	244,974.0	180	8.4	21.43	\$28.22	\$3.36	darrington shell - heading for winthrop/north cascades loop
09/26/2017	245,252.0	278	10.2	27.25	\$31.31	\$3.07	sno fred meyer - reinstalled the front spoiler/washed jeep at brushless - over 27 mpg on the North Cascades!
10/05/2017	245,680.0	428	19.3	22.18	\$55.96	\$2.90	costco woodinville - coming back from VA north Seattle - still buzzing at 2200 rpm, fuel leak , talked to Shane -fleet, bring in next wk
10/14/2017	246,104.0	424	18.6	22.80	\$53.92	\$2.90	costco woodinville
10/19/2017	246,486.0	382	16.2	23.58	\$48.10	\$2.97	fred meyer murphys corner - rtning to wk after chiro, picked up 32gb usb
10/27/2017	246,889.0	403	19.0	21.21	\$55.09	\$2.90	costco woodinville
11/01/2017	247,188.0	299	13.2	22.65	\$42.24	\$3.20	free car wash pioneer sq 76 719 - 91st ave lksvns (heading to portland in the morning)
11/03/2017	247,436.0	248	10.5	23.62	\$30.03	\$2.86	space age lake oswego/tigard, OR - Discover - AMSOIL warehouse
11/04/2017	247,772.0	336	13.4	25.07	\$39.39	\$2.94	costco via woodinville 584.0 miles complete AMSOIL run
11/15/2017	248,178.0	406	18.7	21.71	\$57.20	\$3.06	safeway 41st evt
11/30/2017	248,433.0	255	13.3	19.17	\$39.89	\$3.00	safeway by wendys/ fleet service, fixed dipstick oil leak and harmonic balancer, new belt - IN SHOP -not normal mileage
12/07/2017	248,847.0	414	19.1	21.68	\$57.28	\$3.00	safeway in smokey point
12/10/2017	249,030.0	183	7.6	24.08	\$24.34	\$3.20	tumwater Pilot - on way to portland, topping off at mm 99
12/12/2017	249,368.0	338	14.5	23.31	\$42.28	\$2.92	centralia safeway - topping off on way home from portland / amsoil run
12/18/2017	249,754.0	386	17.4	22.18	\$53.40	\$3.07	lkstvns safeway - fill up after Portland/Amsoil trip and commuting a few days and to Oak Harbor
12/26/2017	250,149.0	395	17.8	22.19	\$47.52	\$2.67	lkstevens - safeway - ! (white Christmas! very little snow...)
01/02/2018	250,598.0	449	18.4	24.42	\$53.32	\$2.90	evgnway/safeway (mt vernon 2x)
01/13/2018	250,978.0	380	18.0	21.11	\$52.01	\$2.89	woodinville costco
01/20/2018	251,360.0	382	16.8	22.74	\$48.54	\$2.89	woodinville costco - bothell bought 14mm f2.8
01/29/2018	251,785.0	425	19.0	22.37	\$56.60	\$2.98	evt 41st safeway
02/05/2018	252,207.0	422	18.7	22.57	\$56.40	\$3.02	evt 41st safeway
02/11/2018	252,635.0	428	18.3	23.39	\$60.38	\$3.30	sr9&sr104-car wash
02/23/2018	253,020.0	385	17.8	21.63	\$50.90	\$2.86	costco wdnvll
03/02/2018	253,260.0	240	10.7	22.43	\$30.62	\$2.86	costco wdnvll
03/10/2018	253,695.0	435	18.2	23.90	\$55.86	\$3.07	fred meyer snohomish (leavenworth & oak harbor)
03/16/2018	253,927.0	232	10.2	22.75	\$29.58	\$2.90	costco wdnvll
03/26/2018	254,319.0	392	18.8	20.85	\$58.83	\$3.13	fred meyer snohomish
04/06/2018	254,724.0	405	19.0	21.32	\$64.58	\$3.40	car wash - sr9/104
04/14/2018	255,146.0	422	19.2	21.98	\$61.42	\$3.20	fred meyer burlington (citymac trip to bellingham) / serpentine belt came off Friday 20Apr2018-->AAA-dealer 21apr -in shop 1 may
05/09/2018	255,576.0	430	18.6	23.12	\$62.66	\$3.37	fred meyer lynnwood - after Dwayne Lane repairs - serp belt/tensioner/oil press unit, air intake- \$1482.25
05/14/2018	255,987.0	411	17.0	24.18	\$64.42	\$3.79	Pilot MM 99 Tumwater - bought old wisconsin sticks, recharged a/c 2x - AMSOIL run
05/15/2018	256,249.0	262	11.7	22.39	\$37.55	\$3.21	fred meyer Newberg, OR - AMSOIL run / DAN'sAuto Center A/c repair \$176.93 - no leaks, compressed air in system.
05/15/2018	256,615.0	366	13.4	27.31	\$45.55	\$3.40	Safeway, Lake Stevens - end AMSOIL trip - p/u oil for cust & signs for retailers - avg'd 24.6 mpg 731 miles total
05/23/2018	257,054.0	439	19.0	23.11	\$64.77	\$3.41	renton, fred meyer - mtgs in Bellevue, rtn'd 10tb to frys

05/28/2018	257,461.0	407	17.5	23.26	\$60.71	\$3.47	fm-sno (oak harbor, shoreline, trip up from rntrn... sky 2xs)
06/03/2018	257,872.0	411	18.0	22.83	\$61.73	\$3.43	fm-monroe - a couple trips to bellingham - bought Dagger Zydeco 9.0 at Yeagers. (sold it Sept 2024 for what I paid for it!)
06/05/2018	257,872.0						DISCOUNT TIRES - AT 257,930 miles - Michelin Defender LTX M/S - \$842.25 _ BEST TIRES EVER!!!
06/11/2018	258,297.0	425	19.3	22.02	\$65.60	\$3.40	safeway-41st Evt
06/20/2018	258,726.0	429	19.9	21.56	\$69.93	\$3.51	safwy-132nd (dentist appt-next one 12/5/2018-1400hrs - getting ready for SD trip
06/20/2018	258,757.0	31	1.4	22.14	\$4.82	\$3.44	safeway-lkstvns - START SOUTH DAKOTA TRIP - 6/21/2018 from this point.
06/21/2018	259,108.0	351	15.6	22.50	\$52.09	\$3.34	mobil - couer d'alane, id 2301 E. Sherman 83814 TANK #1 - SD-2018
06/21/2018	259,267.0	159	7.7	20.65	\$25.40	\$3.30	cenex -chs-mountain west 4570 n reserve st. missoula, mt 59808 - TANK #2 - SD-2018
06/22/2018	259,517.0	250	10.6	23.58	\$34.97	\$3.30	Engineer's Depot - Harlowton, MT 102 2nd ST SE 59036 - TANK #3 - SD-2018
06/22/2018	259,808.0	291	13.0	22.38	\$40.29	\$3.10	Glendive, MT trail star truck stop 11-hwy 16 59330 19:17 hours so far - 1,050.4miles - TANK #4 - SD-2018
06/23/2018	260,215.0	407	19.0	21.42	\$58.12	\$3.06	Aberdeen, SD US 12 Shell - 1,457.7 miles so far, 26:38 hrs driving time - shell card - TANK #5 - SD-2018
06/27/2018	260,622.0	407	20.1	20.20	\$61.63	\$3.06	Sisseton, SD 10 - Holiday Service, INc. 2216 E HWY 10 57262 - TANK #6 SD-2018
06/28/2018	260,902.0	280	12.4	22.58	\$39.67	\$3.20	McLaughlin, SD 42:57 time 2,144.8 total miles - TANK#7 SD-2018
06/28/2018	261,297.0	395	18.1	21.82	\$58.82	\$3.25	Billings, MT - 48:23 time, 2,539.9 miles TANK #8 - SD-2018
06/30/2018	261,686.0	389	17.1	22.75	\$56.43	\$3.30	Butte, MT - 1370 Harrison Ave - 59701 - 2,928.2 miles so far - 59:56hrs computer says 21.7mpg - TANK#9 - SD-2018
07/01/2018	261,996.0	310	13.5	22.96	\$47.24	\$3.50	Maverik - 9009 E Montgomery, Spokane Valley - 3,239.1 total miles / 66:12 hrs computer 21.2 - actual 23. TANK #10 - SD-2018
07/01/2018	262,319.0	323	14.7	21.97	\$54.38	\$3.70	Pioneer Square - 76 - 719 91st Ave NE LkSvns - 3,561.7 TOTAL miles / 72:06 hrs computer 20.6 - actual 22. TANK #11 - SD-2018 LAST
07/07/2018	262,736.0	417	18.8	22.18	\$62.93	\$3.35	lkstvns-safeway sunglass door issue in console - 14:14 hrs
07/14/2018	263,167.0	431	19.6	21.99	\$69.95	\$3.57	shell wdnvl - looking at meadowlake property after going to frys
07/26/2018	263,524.0	357	17.7	20.17	\$59.63	\$3.37	low oil level light on - have part, covered LED - topped off oil, cleaned engine/under - NEW airfilter #42329 (OIL SPILLED ON ALTERNATOR!)
08/01/2018	263,828.0	304	13.9	21.87	\$45.45	\$3.27	fm lynnwood - looked at '08 e320 by talkla.
08/14/2018	264,228.0	400	19.1	20.94	\$59.19	\$3.10	safwy-lkstvns .30/gal discount 16:54 hrs - traffic...
08/21/2018	264,663.0	435	19.3	22.54	\$64.25	\$3.33	fm-evt-evgn
08/28/2018	265,107.0	444	18.4	24.13	\$66.23	\$3.60	tumwater Pilot - on way to portland, topping off at mm 99
08/29/2018	265,502.0	395	16.5	23.94	\$62.20	\$3.77	PUMP stuck, spilled fuel at Fred Meyer in Kent, WA (looked at T1N sprinter) - using 24 mpg est, total 19 gals, used estimate 23.7cmpr
09/17/2018	265,994.0	492	19.5	25.23	\$62.20	\$3.19	safeway-smokey point after chiro
09/26/2018	266,432.0	438	18.7	23.42	\$63.57	\$3.40	lkstvns-safeway 13:36hrs mark moving-mt vernon last weekend
10/04/2018	266,896.0	464	19.6	23.67	\$72.51	\$3.70	pioneer station sr104/sr9 - CAR WASH 14:31
10/14/2018	267,315.0	419	18.9	22.17	\$63.68	\$3.37	fm-burlington-then off to concrete, sr530 and mountainloop rd.
10/24/2018	267,781.0	466	19.7	23.65	\$72.87	\$3.70	corner of 104/sr9 - carwash NEW ALTERNATOR - replaced Valero 180A w/PepBoys - adjusted fog lights (This alternator failed... srike 2)
11/02/2018	268,239.0	458	19.9	23.02	\$69.04	\$3.47	fredmeyers-snohomish - OIL CHANGE - 5W30 European Oil - AMSOIL
11/10/2018	268,641.0	402	16.5	24.36	\$57.74	\$3.50	safeway-lkstvns - leavenworth trip - installed rear cobra camera
11/12/2018	268,897.0	256	9.4	27.23	\$31.02	\$3.30	shell Manizita, OR US101 - down US101 to Cannon Beach
11/14/2018	269,311.0	414	16.3	25.40	\$51.66	\$3.17	fred meyer burlington - ran up to Christians
11/23/2018	269,691.0	380	17.9	21.23	\$59.08	\$3.30	costco - grace, wa (black friday - deal on nespresso surlatable)
12/02/2018	270,149.0	458	20.5	22.34	\$60.25	\$2.94	shell in anacortes on sr20
12/10/2018	270,558.0	409	18.8	21.76	\$65.78	\$3.50	76-9-104 free car wash
12/19/2018	270,977.0	419	19.0	22.05	\$60.80	\$3.20	costco-wdnvl (washed car am) 15:10time
12/27/2018	271,410.0	433	18.7	23.16	\$57.97	\$3.10	costco-wdnvl 14:06time
01/12/2019	271,806.0	396	19.6	20.20	\$58.80	\$3.00	costco-wdnvl 17:32time - then off to Uvillage
01/25/2019	272,251.0	445	20.3	21.92	\$56.82	\$2.80	safeway smokey pt 16:42 time
02/07/2019	272,695.0	444	19.8	22.42	\$59.39	\$3.00	safeway 132nd - snow forecast for tomorrow - 14:13hrs (was in mt vernon va 2/6)
02/23/2019	273,103.0	408	19.3	21.14	\$55.97	\$2.90	costco-wdnvl 17:44 time (lots of snow driving)
03/06/2019	273,490.0	387	17.0	22.76	\$50.48	\$2.97	fredmeyer evt - evgn way
03/15/2019	273,955.0	465	20.3	22.91	\$60.48	\$2.98	costco-wdnvl 15:42 time
03/24/2019	274,395.0	440	19.1	23.04	\$60.34	\$3.16	safeway lk stvns

04/03/2019	274,673.0	278	12.0	23.17	\$37.91	\$3.16	safeway lk stvns - \$2,789.99 a/c -compr\$653.43, accum/rcvr/drier/expansion, condensor; PS hose, Vacuum pump (\$354 @benz)
04/07/2019	274,961.0	288	13.1	21.98	\$40.60	\$3.10	anacortes - shell on sr20 mileage seems to have dropped after work, a/c not quite right, turbo inlet connections wrong, fixed... installed rear work lights
04/13/2019	275,436.0	475	20.7	22.95	\$64.15	\$3.10	costco - trip to wenatchee to look at '08 w164 - turbo outlet seal popped P0299 - replaced from benz parts - missing bolt.
04/20/2019	275,874.0	438	20.2	21.68	\$65.23	\$3.23	safeway lk stvns, 10cent discount, turbo leaking? ordered resonator delete pipe... reseated everything, fixed front fenders/spoiler
04/28/2019	276,285.0	411	18.2	22.58	\$58.05	\$3.19	installed injector seals passenger side, fresh fuel filter, rerouted oil breather and installed delete pipe, popped a P0299, no power, suspect the intercooler was damaged during a/c repairs. / mileage still seems lower - tanked up in Anacortes - computer
05/04/2019	276,571.0	286	13.8	20.72	\$44.70	\$3.24	costco woodinville - testing... computer said 19.9... seems low, 11:15 running time
05/09/2019	276,761.0	190	9.1	20.88	\$30.66	\$3.37	fred meyer snohomish - replaced intercooler o-rings this afternoon at fleet, computer registering higher mileage than before... TOPPED OFF
05/13/2019	276,974.0	213	9.6	22.19	\$32.63	\$3.40	safeway lk stevens - testing after driving to bellevue and back in traffic, then mt vernon, then bothell and back - seems better...
05/18/2019	277,451.0	477	19.7	24.21	\$63.05	\$3.20	river rock - sr530 stanwood/smokey pt - 2x's oak harbor, totem lake
05/26/2019	277,899.0	448	19.7	22.74	\$62.43	\$3.17	frdmyr burlington - sky/christiansons/happy valley
06/01/2019	278,227.0	328	15.0	21.87	\$48.89	\$3.26	costco wdnvll
06/07/2019	278,681.0	454	19.6	23.16	\$58.79	\$3.00	safeway mt. Vernon, WA 301 E. College Way / reinstalled lights, dash cams, tools prepped for SD trip, ml320 not ready to go 6/9/2019
06/25/2019	279,125.0	444	20.9	21.24	\$73.13	\$3.50	car wash - sr9/104 REPLACED PASSENGER MIRROR
07/01/2019	279,285.0	160	8.0	20.00	\$28.00	\$3.50	car wash (used for the KJ) sr9/104 OIL CHANGE 279,200 - air filter - rerouted oil breather to stock inlet, but with long hose
07/05/2019	279,723.0	438	20.4	21.47	\$61.18	\$3.00	st. regis, mt... 2 kayaks - windy... FIRST TANK SOUTH DAKOTA TRIP
07/06/2019	279,962.0	239	11.6	20.60	\$34.21	\$2.95	great falls, mt topped off before heading to glendive - lots of wind
07/06/2019	280,316.0	354	17.5	20.23	\$50.57	\$2.89	glendive, MT conoco by HIE - heavy wind, two kayaks on roof 1,031.2 mi so far, 18:05 total time
07/07/2019	280,615.0	299	17.1	17.53	\$46.88	\$2.75	Jamestown, ND - shell/truck stop on US281 1,329.9 mi 23:10
07/10/2019	281,011.0	396	19.9	19.89	\$53.93	\$2.71	Britton, SD - truck stop/Holland Bros oil co. on SD 10 32:22 time on trip - 1,724.8 miles
07/12/2019	281,197.0	186	9.4	19.79	\$26.31	\$2.80	Emery, SD - buehner electric - city shop now, 1,912.4 mi total, 36:49 time
07/13/2019	281,490.0	293	16.5	17.76	\$51.14	\$3.10	Wall, SD - 43:02hrs 2,205 mi
07/13/2019	281,643.0	153	6.6	23.18	\$19.46	\$2.95	Spearfish, SD (CULVERS) 2,358.1 47:17hrs last stop at culvers, towards billing via us 212
07/13/2019	281,914.0	271	13.3	20.38	\$38.96	\$2.93	Billings, MT - 51:47 time, 2628.8 miles SD-2019
07/14/2019	282,243.0	329	15.0	21.93	\$43.05	\$2.87	Bozeman, MT - 60:26hrs, 2,958.3 mi B, computer said 21.51
07/15/2019	282,447.0	204	9.9	20.58	\$28.73	\$2.90	Missoula, MT - 63:45 hrs 3,161.8
07/15/2019	282,656.0	209	9.1	22.97	\$27.03	\$2.97	Cheney, WA - 67:43 hrs 3,370.8
07/16/2019	282,944.0	288	13.8	20.87	\$42.77	\$3.10	safeway lkstvns END of SD 2019 - 3,659.3 miles, 73:43 hours washed by hand
07/28/2019	283,337.0	393	17.7	22.20	\$54.80	\$3.10	safeway lkstvns - commuting, run up to BCF... expected better...
08/11/2019	283,782.0	445	20.4	21.81	\$59.14	\$2.90	costco alderwood mall 15:24hrs - drove to bcf...
08/18/2019	284,086.0	304	12.3	24.72	\$36.90	\$3.00	costco tigard, OR
08/22/2019	284,457.0	371	14.8	25.07	\$44.68	\$3.02	safeway lkstvns - from tigard to cannon beach, up us101
09/08/2019	284,906.0	449	20.0	22.45	\$58.38	\$2.92	safway OakHarbor 14:31hrs
09/28/2019	285,304.0	398	18.8	21.17	\$52.62	\$2.80	safeway bothell-hwy after adolf's bday - 10c off @safeway
10/08/2019	285,743.0	439	19.5	22.51	\$59.66	\$3.06	safewy Lkstvns
10/19/2019	286,133.0	390	18.7	20.86	\$57.59	\$3.08	costco grace/wdnville 5653 miles to service 15:02hrs <i>kind of sold ML320, have 9k, 2.75k bal owing (evan guilfoyle dd L20190218237860C)</i>
10/27/2019	286,484.0	351	15.4	22.79	\$48.98	\$3.18	coscto wdnville - drove over to leavenworth on Sat 10/26 - saw larry & mandy delong!
11/09/2019	286,780.0	296	14.9	19.87	\$49.47	\$3.32	costco woodinville
11/27/2019	287,160.0	380	19.0	20.00	\$63.46	\$3.34	safeway smokey pt 18:06 time - after chiro adj.
12/01/2019	287,486.0	326	14.2	22.96	\$45.99	\$3.24	costco woodinville - \$0.738 tax per gallon (gas \$0.678)
12/07/2019	287,756.0	270	12.9	20.93	\$40.78	\$3.16	costco woodinville
12/12/2019	288,051.0	295	12.7	23.23	\$42.66	\$3.36	SAFEWAY lake stevens - heading to Portland
12/14/2019	288,518.0	467	20.5	22.78	\$69.69	\$3.40	mp99 pilot heading home from portland - avg'd over 24 going down, lots of traffic in portland
12/15/2019	288,619.0	101	3.4	29.71	\$11.43	\$3.36	Safeway - lkstvsn - after run from mp99
12/22/2019	288,891.0	272	13.2	20.61	\$39.60	\$3.00	shell anacortes/sr 20

12/28/2019	289,314.0	423	18.5	22.86	\$57.35	\$3.10	costco woodinville - socket ext + 10mm found (after wiring up led's and dropping in frame rail!)
01/07/2020	289,696.0	382	16.9	22.60	\$56.77	\$3.36	safeway, lkstvns - snow predicted in 2 days, installed led flood front, w/shld fixed in mtvernon,chip from 12/29, 12/30 repair
01/17/2020	289,919.0	223	11.7	19.06	\$42.11	\$3.60	sr9&sr104-car wash - left brake caliper? need calipers/pads/front lines & proper mirrors - call jeep dealer 9:56time 1,866 mi to service
01/27/2020	290,372.0	453	18.9	23.97	\$55.93	\$2.96	safeway mt. vernon - towed mark's 72 cj5 home (computer said 20+), computer said 23.4... spot on for this tank 12:53hrs 1400mi to svc
02/09/2020	290,787.0	415	18.8	22.07	\$58.27	\$3.10	costco wdnvll - 13:22hrs - FRONT BRAKE CALIPERS, new inner fender - replaced mirror - dimmer (dalton's installed calipers)
02/18/2020	291,230.0	443	20.0	22.15	\$61.59	\$3.08	costco wdnville-13:54 - backingplate was hitting, fixed - 556mi to service. (12k so far, good for 15k)
02/23/2020	291,529.0	299	13.0	23.00	\$35.88	\$2.76	shell - sr20 anacortes
03/08/2020	291,948.0	419	20.0	20.95	\$69.98	\$3.50	u76 sr104/9 - car wash - due for oil change, just over 12,500 miles
03/16/2020	292,287.0	339	14.6	23.22	\$49.20	\$3.37	car wash-issaquah shell - installed rear lamp w/spdt - 3 pass blast - OIL CHANGE 292,000 5W40 AMSOIL mb229.51 spec
03/17/2020	292,580.0	293	11.9	24.62	\$33.31	\$2.80	costco-wdnvl
04/13/2020	292,929.0	349	15.1	23.11	\$38.65	\$2.56	arlington/res-530/l-5
04/25/2020	293,288.0	359	14.7	24.42	\$30.42	\$2.07	burlington fred meyer (wenatchee trip)
05/11/2020	293,718.0	430	17.7	24.29	\$33.81	\$1.91	burlington fred meyer (trips to christiansons)
05/19/2020	294,077.0	359	16.2	22.16	\$35.63	\$2.20	arlington/res-530/l-5 (INTERSTATE BATTERY - \$197.00 - the les schwab battery was 3 years old... only 89% charged? they said its ok)
05/30/2020	294,411.0	334	14.6	22.88	\$40.28	\$2.76	safeway-lkstns-20c off, before heading to wenatchee and back 10k to svc, computer said 20mpg 10:43
05/31/2020	294,720.0	309	12.6	24.52	\$26.07	\$2.07	fm-burlington-then down to Sky - trip to wenatchee day before -8:05hrs computer claimed 23.9mpg
06/06/2020	295,032.0	312	13.7	22.77	\$39.31	\$2.87	safeway-lkstvns 10c off - heading to ellensburg -looking at properties, wandering on backroads
06/06/2020	295,332.0	300	11.1	27.03	\$25.32	\$2.28	costco-wdnvl - 2.279/gal! computer claimed 24.7 mpg it lies - all computers lie. (P0676 glow plug CEL code - #6, back Driver's side)
06/14/2020	295,626.0	294	13.0	22.62	\$28.59	\$2.20	sr530-arlington-i5 station(w/ethanol free unleaded! 2.89/gal - FOR LAWNMOWER, NOT THE JEEP!)
06/28/2020	295,875.0	249	11.8	21.10	\$27.14	\$2.30	costco-wdnvl 2.29/gal 8,573 mi to svc, 10:20 time - was planning on trip to EWA... mostly local
07/11/2020	296,198.0	323	15.3	21.11	\$34.72	\$2.27	fm-burlington/12:58hrs/8250 to svc/ mostly local, seattle
07/19/2020	296,468.0	270	11.8	22.88	\$27.37	\$2.32	costco-wdnvl 9:31hrs, 7981 to svc
08/01/2020	296,921.0	453	19.9	22.76	\$45.76	\$2.30	oak harbor safeway 15:05hrs, 7,528mi to svc (SI joint flared up - down for a week, 5g confused 7/30 briefly)
08/07/2020	297,144.0	223	9.8	22.76	\$22.15	\$2.26	sr530-arlington-i5 station(w/ethanol free unleaded! 2.89/gal)
08/16/2020	297,487.0	343	15.4	22.27	\$34.79	\$2.26	sr530-riverrock station
08/22/2020	297,785.0	298	13.2	22.58	\$29.83	\$2.26	sr530-riverrock station
08/31/2020	298,138.0	353	15.6	22.63	\$46.79	\$3.00	sr9-sr104-CAR WASH
09/07/2020	298,316.0	178	9.0	19.78	\$30.99	\$3.44	sr9-sr104-CAR WASH (topping off, local only use, idling for taco bell)
09/08/2020	298,654.0	338	12.9	26.20	\$33.02	\$2.56	Costco-Tigard-OR home-cannonBeach-Portland
09/09/2020	298,882.0	228	9.1	25.05	\$27.29	\$3.00	safeway-lkstvns - home from Cannon Beach and Portland.
09/18/2020	299,137.0	255	12.0	21.25	\$29.27	\$2.44	coscto wdnville
09/27/2020	299,374.0	237	11.0	21.55	\$26.39	\$2.40	costco wdnville 9:05 5074 to service / heading to spokane monday
09/28/2020	299,698.0	324	12.6	25.71	\$26.45	\$2.10	PostFalls, ID station! near Cabellas
09/30/2020	300,043.0	345	13.7	25.18	\$28.76	\$2.10	safeway- 2.19/g smokey point after chiro/10c disc (fred myr-sno 2.95, sfwy lkstvns 2.99!!!)
10/05/2020	300,225.0	182	8.1	22.47	\$19.44	\$2.40	costco wdnville, departing for Cannon Beach - Salem
10/06/2020	300,737.0	512	19.4	26.39	\$49.65	\$2.56	mp99 pilot heading home from cannon beach and salem IN-N-OUT
10/15/2020	301,171.0	434	18.0	24.11	\$41.38	\$2.30	leavenworth safeway - drove over to annie's antiques in cashmere and the christmas store in lvnworth - some snow at stevens pass
10/21/2020	301,654.0	483	20.0	24.14	\$47.99	\$2.40	costco-wdnvl - back from leavenworth, then arlington, then northgate for the macbook pro, then down to ikea and belleuve
10/30/2020	301,901.0	247	11.2	22.05	\$26.43	\$2.36	costco-wndvl, back from ikea, heading to CB/ptind
11/01/2020	302,246.0	345	13.5	25.56	\$31.85	\$2.36	Costco-Tigard-OR home-cannonBeach-Portland
11/05/2020	302,643.0	397	16.0	24.81	\$36.15	\$2.26	River rock - sr530 stanwood/smokey pt - portland-ls-ls-local-ls-bellingham
11/17/2020	302,952.0	309	14.4	21.46	\$35.99	\$2.50	costco-wdnvl prices are up all over, 3.05 in some places!
11/27/2020	303,287.0	335	15.7	21.34	\$39.86	\$2.54	costco-wdnvl 1,161 miles to service, 12:48time
12/04/2020	303,721.0	434	18.9	22.96	\$47.99	\$2.54	costco-wdnvl 728 miles to service, 12:55 time
12/18/2020	304,178.0	457	20.1	22.74	\$51.03	\$2.54	costco-wdnvll 270toSVC/ \$3,933.75-axle shaft bearings, SteeringGear-w/axles/stabilizer bar bushings/serpentine belt - \$38.42 evn tax
12/22/2020	304,517.0	339	15.9	21.32	\$36.26	\$2.28	safewy-smkyPt - 10c discount - OILchange-5w40Amsoil - NEED to take BACK to dalton's steering not right (\$941.80+75core, vs 1520.93)

01/01/2021	304,812.0	295	14.2	20.77	\$32.35	\$2.28	safewy-smkyPt - 10c discount(intermediate column ordered, still squeaking... dalton's didn't fix it)
01/11/2021	305,194.0	382	17.0	22.47	\$43.85	\$2.58	costco -wdnl - \$831.36 repairs DwayneLanes - FIXED - intermediate shaft - \$450.96, labor \$380.40 - plus overcharges by daltons...
01/22/2021	305,542.0	348	15.7	22.17	\$40.19	\$2.56	riverrock sr530 - was reimbursed 2k by bruce, net cost was \$2765.11 - still squeaks - have the \$43 jounce bumpers from parts...
02/06/2021	305,915.0	373	17.0	21.94	\$42.93	\$2.53	safewy-smkyPt - 11,146 to service 14:31 time
02/07/2021	306,192.0	277	10.3	26.89	\$27.19	\$2.64	costco wdnvl - drove over to port ludlow and back around tacoma
02/22/2021	306,632.0	440	19.8	22.22	\$54.25	\$2.74	costco wdnvl - heading over to kingston via ferry to get Space Trailer , rtn via tacoma, then heading to portland.
02/24/2021	307,005.0	373	15.4	24.22	\$43.11	\$2.80	costco tigard, OR - amsoil / mba-m1 / sale of 3 laptops for youth group
02/26/2021	307,348.0	343	12.8	26.80	\$36.99	\$2.89	costco lynnwood, wa - rtn'd M1 mac/plates for space trailer 9,713mi to svc (716 mi btwn 2 tanks - port gamble/portland,etc)
03/07/2021	307,641.0	293	14.2	20.63	\$41.45	\$2.92	(left upper/lower control arms \$1461.06) -dwayne lane-Will/carlos svc advisor 3/3) sfwy smokey pt,
03/21/2021	308,006.0	365	17.6	20.74	\$52.79	\$3.00	anacortes safeway - looked at Vtuvia e-bike - windy
03/23/2021	308,264.0	258	10.7	24.11	\$31.67	\$2.96	arlington safeway - bought 2 Vtuvia SF-20 ebikes anacortes/2.4k - rode on Centinell trail
03/31/2021	308,704.0	440	18.9	23.28	\$60.84	\$3.22	leavenworth safeway - drove over to &akima for rack snow at stevens pass, some at blewitt and snoqualmie
04/07/2021	309,125.0	421	18.3	23.01	\$59.83	\$3.27	fred meyer- snohomish - bought \$15 flexpass @fredmeyer/called\$30 paid in. The pass for the TOLL that shouldn't be on I-405!!!
04/15/2021	309,544.0	419	18.7	22.41	\$56.08	\$3.00	river rock- sr530 - (1gal nonEthanol UL for mower as well) 15:25hrs 7516 to service
04/21/2021	309,839.0	295	12.9	22.87	\$45.14	\$3.50	sr9/sr104-car wash 11:35 / 7,221->svc fea adj'd , rtn 4/26-dwaynelane
04/29/2021	310,240.0	401	19.4	20.67	\$59.34	\$3.06	safeway-smokey point before chiro - heading to Cannon Beach / oil on stick,low, but ok
05/01/2021	310,740.0	500	18.4	27.17	\$56.30	\$3.06	safeway-smkyPt-after Cannon Beach / all tires ~33 psi, computer said 23.7mpg, off by over 3.5 mpg!!!!
05/10/2021	311,157.0	417	18.5	22.54	\$56.97	\$3.08	safeway-smokeyPt
05/18/2021	311,557.0	400	18.8	21.28	\$57.90	\$3.08	safeway-smokeyPt - used trailer to get trees several trips to nurseries - traffic
05/28/2021	311,846.0	289	13.7	21.09	\$42.47	\$3.10	safeway-smokeyPt
06/07/2021	312,165.0	319	14.9	21.41	\$44.69	\$3.00	safeway-smokeyPt - 10c off - prep for portland trip, AMSOIL run / equipment
06/08/2021	312,415.0	250	9.6	26.04	\$31.11	\$3.24	Tigard,OR-costco - tanked up after pu'ing up AMSOIL and Hsqvr equipment (HERBIE COMING HOME)
06/10/2021	312,783.0	368	14.5	25.38	\$46.10	\$3.18	costco woodinville (312,900 miles - full AMSOIL fluid change at Dave's Transmission - oil, xfr case, axles, trans, new air filter \$200 labor), tires were new at 257,930 miles) (6/17-turtle wax headlight restore!) (6/18 - changed FUEL FILTER) 55K/70k on i
06/25/2021	313,110.0	327	16.7	19.58	\$54.43	\$3.26	costco-wdnvl(very hot)
07/13/2021	313,503.0	393	20.1	19.55	\$66.72	\$3.32	sfwy - smky pt. lots of local driving / STARTING VACATION 7/15, have about 90 miles on tank, local...
07/15/2021	313,651.0	148	6.5	22.77	\$23.52	\$3.62	north bend - sfwy(67 miles from home) (first stop missoula)
07/16/2021	313,930.0	279	12.8	21.80	\$41.85	\$3.27	maverick - 1st exit Idaho trailer in tow 70 mph... (22mpg!) serpentine belt failed 314, 251 - whitehall, mt - 2 days in Butte mT la Quinta
07/18/2021	314,342.0	412	19.8	20.81	\$66.33	\$3.35	bozeman, MT - 691mi, 14:49hrs - all systems good hot / tacobell and ulta - bozeman to bismarck day (35mi to Empty)
07/18/2021	314,706.0	364	18.5	19.68	\$57.71	\$3.12	glendive, MT - 1055mi, 20:12hrs - asg 102(hit 104F a few times) grabbed snacks 70-75mph w/trailer windy (66 mi to Empty)
07/19/2021	315,018.0	312	16.4	19.02	\$54.43	\$3.32	jamestown, ND - exon on US281 1,367 mi 26:26 / computer 105mi to E, 17.5 mpg - 19mpg
07/21/2021	315,235.0	217	10.3	21.07	\$30.89	\$3.00	britton, SD - truck stop/Holland Bros oil co. on SD 10 1,584.4 mi/31:29hrs
07/25/2021	315,471.0	236	12.2	19.34	\$37.84	\$3.10	Mitchell, SD - windy - culvers 1,820.2 miles 37:30 hrs
07/25/2021	315,771.0	300	17.1	17.54	\$56.42	\$3.30	Rapid City, SD - very windy!!! - pizza hut 2,120.4 miles 43:01 hrs
07/26/2021	315,925.0	154	6.7	22.99	\$22.78	\$3.40	Custer Dakotamart - rapid-sylvanLake-custer-drop-trailer-hillcity-rapid-custer-statepark-custer 2274.1 miles total, 48:17hrs 9596-s clunk
07/27/2021	316,231.0	306	15.6	19.62	\$51.47	\$3.30	Dayton/Sheridan 106F-Buffer/2,580.1 mi so far, 54:42 total
07/28/2021	316,370.0	139	6.7	20.75	\$23.85	\$3.56	Cody, WY - 2,718.8mi-58:34hrs computer-20.2 - hand washed jeep at Holiday Inn - ww squirter broke - over BIGHORNS - US 16
07/28/2021	316,782.0	412	16.8	24.52	\$65.35	\$3.89	Twin Falls, ID - 3,130.5 mi-67:53 computer-21.4 - through YELLOWSTONE and craters of the moon - rain
07/29/2021	317,175.0	393	18.8	20.90	\$62.02	\$3.30	Hermiston, OR - 3,523.8mi-78:44 in seat - c-21.9/8.3ksvc - twin falls - Boise WW squirter@ Jeep dealer (antiques-freddies)-ontario
07/31/2021	317,495.0	320	14.2	22.54	\$47.70	\$3.36	safewy-smokeyPt - 3,843.6mi-83:38hrs- heading to Cannon Beach sans spacetrailer
08/03/2021	317,841.0	346	12.6	27.46	\$46.61	\$3.70	safewy-astoria-OR-4190mi-81:28hr heading home - turboO-ring failed-pu'd part Lynnwood , Drove from Longview to home in LIMP MODE. home 318,056 mi, 4,404.8mi 96:23hr
08/04/2021	318,070.0	229	9.1	25.16	\$31.67	\$3.48	safewy-smokeyPt - 4,419.2mi-96:56hrs- home from Cannon Beach sans spacetrailer total vacation - LAST FILL... HOME - oring fixed
08/18/2021	318,504.0	434	19.6	22.14	\$66.62	\$3.40	safewy-smokeyPt - 7k->Svc 17:35hr no problems, jeep running well
08/27/2021	318,793.0	289	12.7	22.76	\$43.18	\$3.40	exxon-conway-off-I5 6,728mi ->svc 13:55hr no problems (5,000 miles on this belt now) (319000-\$197.50-dwyane lanes - tighten - clunk)

09/11/2021	319,103.0	310	14.8	20.95	\$50.01	\$3.38	exxon-conway-off-I5 6,418mi ->svc 13:35hr no problems (319000-\$197.50-dwyane lanes - tighten - clunk gone)
09/16/2021	319,235.0	132	5.7	23.16	\$21.66	\$3.80	safeway - top off before LOST LAKE... trailer, w/ebikes and kayaks - over LOLO pass (4+ miles gravel), 3200 ft lake, portland
09/17/2021	319,644.0	409	18.1	22.60	\$62.61	\$3.46	costco-Tigard-OR after LOST LAKE then Tualitan, LkOswego,WAsq,Sellwood/Moreland/SE, up I-5 home
09/20/2021	319,888.0	244	10.7	22.80	\$41.72	\$3.90	sr204-n-9/car wash 652.3 mi total avg ~23mpg towing trailer to LostLake 16:10hrs total
10/06/2021	320,318.0	430	19.2	22.40	\$67.18	\$3.50	safeway smokeyPT 5,203-->svc... computer 21.3mpg 16:25hrs
10/21/2021	320,720.0	402	17.6	22.84	\$61.94	\$3.52	costco-wdnlv 14:44tim, 4,800-->svc
11/01/2021	321,044.0	324	14.6	22.19	\$57.80	\$3.96	safeway-lkstvns - prep Portland trip/add 1qt oil 5w40 (8,144 miles since change) 4,477 mi next svc 12:30 min - topped off WWshr
11/02/2021	321,340.0	296	11.7	25.30	\$42.11	\$3.60	costco-tigard-OR-visited In-N-Out-Keizer, OR 6:26 drove to CB and home tank up next day?
11/04/2021	321,691.0	351	13.6	25.81	\$53.84	\$3.96	safeway-lkstvns - round trip portland - 647.2 miles 14:59hrs
11/15/2021	322,057.0	366	17.1	21.40	\$62.25	\$3.64	costco-wdnlv - 22.4C/3,464mi->Svc/12:58hrs
11/27/2021	322,453.0	396	17.9	22.12	\$65.16	\$3.64	costco-grace- 22.0c/3,068mi-Svc/15:42hrs - 4wd svc lite-pin 14 c1 FDCM/dk green-yellow-shortcd Frt solenoid/ low oil:Gray-Blue pin 34 ECM -shunt to gnd
12/08/2021	322,895.0	442	19.6	22.55	\$71.73	\$3.66	safeway-smky pt, 10c disc. 15:24h, 2,626 to svc - fixed diff harness, front diff interm connect...svc 4wd error.
12/17/2021	323,142.0	247	12.3	20.08	\$46.00	\$3.74	fred meyer-evt - 2,378 mi to service - trip reset by repairs - PU'd parts Jeep - front diff solenoid, harness, put rtv around dipstick,cleaned skid
12/27/2021	323,407.0	265	13.0	20.38	\$48.96	\$3.77	safeway-smky pt 2114mi-Svc 12:49 (PassSide rear fuel return line popped off 1/11/2022 - replaced 1/12/22 & 1 injector seal, Front DS)
01/15/2022	323,756.0	349	19.0	18.37	\$74.46	\$3.92	(1/12/replaced fuel lines-FUEL LEAK/inj seal frontDS) - 15:40hr, 1,765 mi to service
02/13/2022	324,065.0	309	16.0	19.31	\$65.27	\$4.08	safeway-smky pt 1456-->svc 15:20hrs (2/15-cleanedSkidPlate- ADDED1qt5w40 in 3,000 miles,repackedTools)
02/18/2022	324,512.0	447	18.3	24.43	\$78.68	\$4.30	safeway-Astoria~100mi-toE, 900to svc/11:01hrs so far - PORTLAND/Keizer-Newberg-CB-Astoria-home(down 2/3rs qt after 600mi)
02/19/2022	324,741.0	229	8.4	27.26	\$33.43	\$3.98	safeway-SmkyPoint cmpter:23.7/15:54, 676.5 miles total 780 miles to service
03/03/2022	325,010.0	269	12.8	21.02	\$51.98	\$4.06	costco / 5 gals in can total 17.8/\$72.29 / 511mi-Svc/415mi-E/12:05hrs (leaking oil in garage a bit - still showing on stick)
03/14/2022	325,158.0	148	7.0	21.14	\$35.71	\$5.10	costco - wdnlv - top off, planned to go to centralia/superdawg... curtis cancelled a bit later 363mi to svc 6:17h (oil at the bottom of the stick)
03/24/2022	325,427.0	269	12.3	21.87	\$61.49	\$5.00	costco-wdnlv - topping off, best price in area 94mi-->svc have oil/ removed cross bars
04/02/2022	325,851.0	424	17.6	24.09	\$93.27	\$5.30	AMSOIL 5w30 change 325,550 miles 3/28/2022 -12.5k next 338,050 / COSTCO-wdnlv, 2xMtVernon/sky...
04/15/2022	326,226.0	375	16.7	22.46	\$84.49	\$5.06	costco-wdnlv, noRoof bars-34psi/11,825m->s/107->/13:11hrs - cutdownAl carrier for ebike,ordered extra 2"rcvr to mount on top
04/23/2022	326,670.0	444	18.9	23.49	\$96.38	\$5.10	costco-wdnlv,(tacomaCmuseum,MtVn2x)computer23.4mpg/14:40h/11,381->svc HitchPlate in place
05/06/2022	327,099.0	429	19.5	22.00	\$105.30	\$5.40	costco-wdnlv,(mv2x,sky3x,swansons2x)16:14hr, 10,952->s, 456->e,c=22.4
05/15/2022	327,443.0	344	15.7	21.91	\$86.34	\$5.50	sfwy - smky pt c21.7/142e/10,608s/13:07
05/21/2022	327,636.0	193	8.7	22.18	\$46.97	\$5.40	river rock- sr530-22.5c/447e/10,415s/7:28h best price sfwyArlingto5.639, costco5.53
05/31/2022	328,017.0	381	17.6	21.65	\$98.56	\$5.60	costco-wdnlv,20.6c/94e/15:19/10,034s seattle, issaquah, smky pt, etc.
06/04/2022	328,229.0	212	8.9	23.75	\$50.52	\$5.66	river rock-sr53023.5mc/481e/9,822-s/6:53 preston/northbend-rocks-negatives/mt vernon
06/10/2022	328,446.0	217	9.5	22.84	\$56.81	\$5.98	\$62.78-1GAL in RedCan/Safeway EVERETT, added 1qt 5w40 amsoil (2,908 miles) , 271e, 9,605s, 6:41 - leaving for SD 6/19/2022 - washed/waxed, Big O FEA (2x, got a refund), I rotated tires, 70,528 miles , restored headlights again
06/17/2022	328,559.0	113	5.7	19.82	\$35.73	\$6.27	fred meyer-Snohomish- after FEA @BigO tires 397e?/5:32/9,492->s / topped off ready to roll, next stop Missoula, MT
06/19/2022	328,898.0	339	13.2	25.68	\$74.57	\$5.65	1- Maverick - 1st exit Idaho 70 mph rain/wind/sun/clouds... FEA seemed to be ok after fixing Tirepressure computer claimed 23.9 mpg, 25.7 - 332.7 mi from home 5:25
06/19/2022	329,072.0	174	6.8	25.59	\$40.39	\$5.94	2- Cenex -chs-mountain west 4570 n reserve st. missoula, mt 59808 - TANK #2 - SD-2018 and AGAIN 2022! 506.2 mi from home, 8:09 computer claimed 19.8 mpg average - math says 25.59 Did ID speed limits of 75mph and then 80mph from St. Regis to Missoula
06/20/2022	329,277.0	205	8.0	25.63	\$47.20	\$5.90	3- Bozeman, MT - Pilot, then TacoBell B-711.1mi 11:42hrs 339->e 8,774s - OIL good in Missoula, tirepressure Anaconda 39/42, 40/40
06/20/2022	329,554.0	277	10.2	27.16	\$57.42	\$5.63	4- Sheridan,WY, Maverick, Candlewood Suites B-988.2 mi 15:57hrs 8,497-s, 287->e (564 est range)
06/21/2022	329,829.0	275	10.8	25.46	\$58.85	\$5.45	5- Rapid City, SD - very windy!!! - culvers2x - 21:37hrs/8222-svc, computer-24.0mpg, 1,263.9mi B -alt light, ck'd ok at AutoZone
06/22/2022	330,170.0	341	13.3	25.64	\$70.48	\$5.30	6- Aberdeen, SD US 12 Cenex (car wash \$11.75dscv) B-1,604.7/28:12, 7,881-s, 207-e, 22.4mpgComp(26.65 actual) discover (ordered alt AZ)
06/27/2022	330,263.0	93	4.5	21	\$24.32	\$5.40	7- Alternator 330177 445e/28:45/21.6avg/A-6.3mi/B-1611.1 / 7,874->s RESET ALL - gary's tire \$300, alt AutoZone \$330 A-86.4, B-86.4 7,788-svc 419-e Tire Pressure 37/41 REAR:38/38 B going in to shop was 1,611.1 miles, add 86.4 to B later, total miles to
06/28/2022	330,606.0	343	13.2	25.98	\$76.56	\$5.80	8- Dickinson, ND 21.6@by Computer, 206e/6:19 - enroute from Roy Lake
06/29/2022	331,065.0	459	21.0	21.86	\$123.88	\$5.90	9- Bozeman, MT - 80 mph, wind B:802.4 / 12:47hr, 6986s/
06/29/2022	331,269.0	204	7.8	26.15	\$46.40	\$5.95	10- Missoula, MT - 16:20hrs, 331-e/computer-23.9, B: 1006.2 6782m-svc
06/30/2022	331,445.0	176	6.5	27.1	\$38.79	\$5.97	11- PostFalls, ID - 19:23hrs 6,606s/ 387e B: 1181.4 Maverik kept speed below 75mph

06/30/2022	331,728.0	283	9.5	29.79	\$61.46	\$6.47	12-Monroe fred meyer B:1464.9 25:13/342e/6323s/(HOME:1478.5,25:37,6,309mi-S/HOME:331742mi-washed/1qt oil/tires 73798mi(257930-8/5/2018) alternator10/22/2018 \$182.75 pep boys found rcpt / 7/3-tie-wrapped oil guard fixed grill. oil catcher on filler from m
07/28/2022	331,936.0	208	11.6	17.93	\$63.79	\$5.50	BAD alt/limp mode/ river rock, arlington, new alternator, new air temp sensor - thought O2 sensor bad, p/n 5149012AA -WAS snipped wire, cut when replacing alt
08/06/2022	332,186.0	250	12.0	20.83	\$59.99	\$5.00	conway, wa - old Exxon, no name \$4.99/gal! 9:52hrs, trip into sea2x's, Bellevue1x, NO codes or problems 5865->s
08/12/2022	332,449.0	263	11.0	23.91	\$52.35	\$4.76	costco-wdnvii 5602-->s, 242->e, 9:30hrs / adj headlights/cleaned windows/ will ck tp & oil - heading to portland for AMSOIL/foto equipment
08/15/2022	332,774.0	325	13.2	24.62	\$72.59	\$5.50	costco-Tigard 5277->s, 23.5c, TRIPB 291.8 had to renew costco (did near Astoria)
08/16/2022	333,097.0	323	12.0	26.92	\$59.99	\$5.00	river rock, computer: 25.2mpg/B 614.8 16:33hrs 4,954->s, 538->e
08/20/2022	333,596.0	499	18.6	26.83	\$88.53	\$4.76	costco-wdnvii 4455->s 10:40h c->24.9mpg trip A: 498.8 trip B: 431.2 (portland, beaverton, lk Oswego, ptlnd, wdnvii/home) 1qt 5w40(5w30)
08/31/2022	333,893.0	297	12.6	23.57	\$69.29	\$5.50	costco-tigard 23.3c/228->e 9:14hrs - Lk Oswego, beaverton, cannon beach, home... all in one day.
09/03/2022	334,248.0	355	13.6	26.10	\$67.99	\$5.00	riverrock, 25.2c/3803->s/16:57hrs, 652.3 miles from 8/20
09/22/2022	334,630.0	382	17.8	21.46	\$87.22	\$4.90	costco-wdnvi 16:35hrs / 3,421->s 447->e(after fill)
09/30/2022	335,111.0	481	20.6	23.35	\$102.98	\$5.00	riverrock, 24.8c/515->e,15:41hrs/2,940->svc (CENTRALIA TRIP WITH HUGH & Jim Blair)
10/10/2022	335,425.0	314	13.2	23.79	\$68.63	\$5.20	costco-wdnvii 10:39hrs 433->e/2,626->svc, c sez21.9mpg
10/17/2022	335,534.0	109	5.2	20.96	\$29.64	\$5.70	safeway lk stvns - top off before CB/Ptlnd 2,517->s;341-e/20.5c/4:57hrs
10/19/2022	335,831.0	297	12.0	24.75	\$68.39	\$5.70	costco-TIGARD-lastDiesel there(11/3/2022) A297.0,26.5c,241-e, 8:13hrs
10/22/2022	336,148.0	317	11.4	27.81	\$64.97	\$5.70	safewayLkStvns-25.7mpg-C/273->e/B-614.0/14:55hrs/1,903m->S/ NEW WIPERS (modified E-trike to have a pin)
11/05/2022	336,432.0	284	13.5	21.04	\$72.09	\$5.34	safwy-SmkyPoint-1gal gas for gen 428-e/1619-s/12:52hr
11/16/2022	336,891.0	459	20.6	22.28	\$107.13	\$5.20	station ns by conway 15:07hrs 25c(ha!) 50->e, 1,160-->s seattle/leavenworth - mt vernon
11/25/2022	337,101.0	210	9.8	21.43	\$49.78	\$5.08	super duper foods gas conway 9:48hr 950-S local (added 1qt 5w30 euro amsoil 12/3/2022 337,267 before portland)
12/05/2022	337,516.0	415	18.4	22.55	\$97.50	\$5.30	space age/KingCity-tigard-near BW Nwinds 14:02hr, 535mi->svc (Herbie to Hendersons, bat ck/sw update - antiques/uvillage/home mon)
12/09/2022	337,950.0	434	18.2	23.85	\$83.35	\$4.58	super duper foods conway etc/trip to shoreline/b'ham 11:38hrs93-e 101-s 23.6@cmpr / spotted oil leak, sched 30Dec2022 - tech Will to replace low oil sensor, alternator, (ALL fluids AMSOIL 6/10/2021 - 312,900 Dave's Transmission - oil, xfr case, axles, transmission)
02/10/2023	338,281.0	331	16.7	19.82	\$73.48	\$4.40	smkpytSafeway-10cDisc-first tank since 12/9 last year! been trying out the lexus rx450h. this mileage low because of the SHOP TIME...
03/03/2023	338,705.0	424	18.4	23.04	\$84.07	\$4.57	cstcLynwd - 21.6@c/74->e/11780->s/13:25hrs/ ADDED AMSOIL Diesel Cleaner (small drop of oil in garage)
03/27/2023	339,130.0	425	18.6	22.85	\$82.20	\$4.42	MtVernon-SuperDuperQualityFuelOutlet Oil 1/2qt low 11,356 to Svc 13:34hrs (KJ getting timing belt/RX for sale on CL)
04/28/2023	339,557.0	427	19.9	21.46	\$88.54	\$4.45	Conway, SuperDuperFoods 10,929mi-->svc 16:42hrs off to Christensons New PIAA silicon wipers / 6/8/2023 -interior detail / oil leaks dipstick/hp pump, replace low oil level sensor, serpentine belt, fuel filter - 339,822 miles 1245 hrs - appt 0930 6/9/2023 DEALER DIDN'T DO THE WORK...
07/24/2023	339,898.0	341	17.9	19.05	\$79.83	\$4.46	River Rock - SR 530 Arlington, WA topped off tank / front seal apparently leaking... onto harmonic balancer , pu'd part from Lynnwood MBZ failed as we turned into the driveway!
09/05/2023		auto		auto		auto	340201 - harmonic balancer came loose, 9/5/2023 destroyed oil seal... required special tools - repaired 7/26/2024 - all good - TABS 8/31/2024, reinstated Liability Insurance effective 9/1/2024 - paid through 2/2026!
FAIL-Harmonic Balancer		auto		auto		auto	SUSPENDED Liability coverage 1/11/2024 - refund \$114 coming - keeping fire/theft/vandalism on it, only \$44/yr
SABBATICAL		auto		auto		auto	10 FULL years - 165,083 miles - used 7,379 gallons of Diesel - 22.5 mpg average \$23,711.76 (avg \$3.21/gal)
		auto		auto		auto	removed harmonic balancer , woodruff key not seen, way in back - ok, balancer scored - bolt was only finger tight 4/5/2024 340,201 miles clearly the bolt wasn't torqued properly by shop... STRIKE 3. STRIKE 1: not being able to find a shop in BUTTE to replace serpentine belt. STRIKE 2: low oil sensor failure caused me to attempt to add oil on the side of the road to be "safe", spilled on alternator - it died later, and then it took 5 replacements, not really a big deal, but... the failure in SD was repaired with a bad alternator from AutoZone - the shop should have known. STRIKE 3: the harmonic balancer coming off, destroying the front seal... again, NOT a big deal. Had to buy /rent special tools... all because a SHOP didn't do their job right.
		auto		auto		auto	Pulled front seal 5/20/2024 - found key, pu'd idler pulleys Lynnwood MBZ 5/22/2024 - need to "rent" proper puller from O'Reilly's to pull and reset HB / Terry Halmshaw suggests welding a spot on the end of the crank shaft as a guide for the pulley, MCM and I figured out a better way. ended up buying my own gear puller and other tools to fix it.
07/26/2024		auto		auto		auto	Miller special tools 9554 & 9102 - Mark helped get the new HB on, no leaks - quick test drive, no codes , tire pressure to 33psi
09/01/2024	340,211.0	313	14.3	21.89	\$63.91	\$4.47	FM-sno (0.03\$disc) 1st fillup since 7/24/2023!Sabbatical over.TPM fronterr/127->e/10,275->svc (TABS8/31-Ins9/1/2024-LEGAL) wash/waxed

09/19/2024

340,452.0	241	11.2	21.52	\$43.23	\$3.86	river rock sr 530/smky pt blvd c24.0@/10,034->svc 101->e both Jeeps topped off with Diesel @3.859/gal at River Rock -(REPLACED FUEL FILTER WK 9/30/2024 340,475 miles ~28K) 10/20/2024 ~340,800 miles no problems - drove it down to Renton and Burien to Han's Deli, U Village and home. REMOVED front LED lights from Bull Bar because they weren't for on-road use and could be left on by mistake. CURRENT TIRE SIZE w/Michelin Defenders are: 235/65R18 (30" OD) - speedo/odo spot on accurate. IF you want to see more than 30mpg on the freeway, go to 265/65R18 (31.5" - you can change the tire size in the Jscan app with the bluetooth OBDII reader) To continue this record simply extend the formated lines below in any spreadsheet application and contine recording.
	auto		auto		auto	
	auto		auto		auto	
	auto		auto		auto	