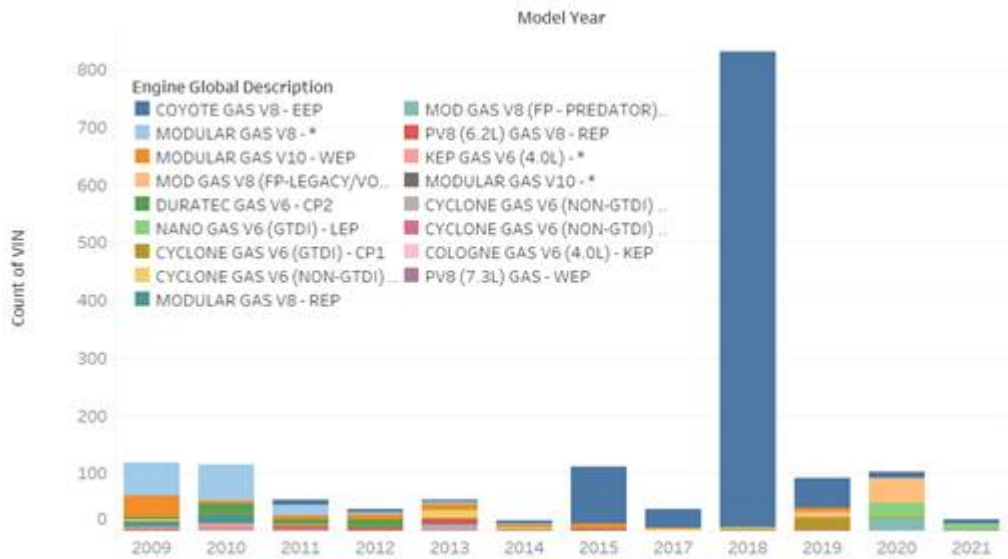


From: Knott, Tim (.)
Sent: Monday, August 9, 2021 4:31 PM
To: Strand, Tim (T.A.) (tstrand2@ford.com)
Subject: 3rd Keeper Failures by MY

I dropped I4 & diesel engines for clarity.

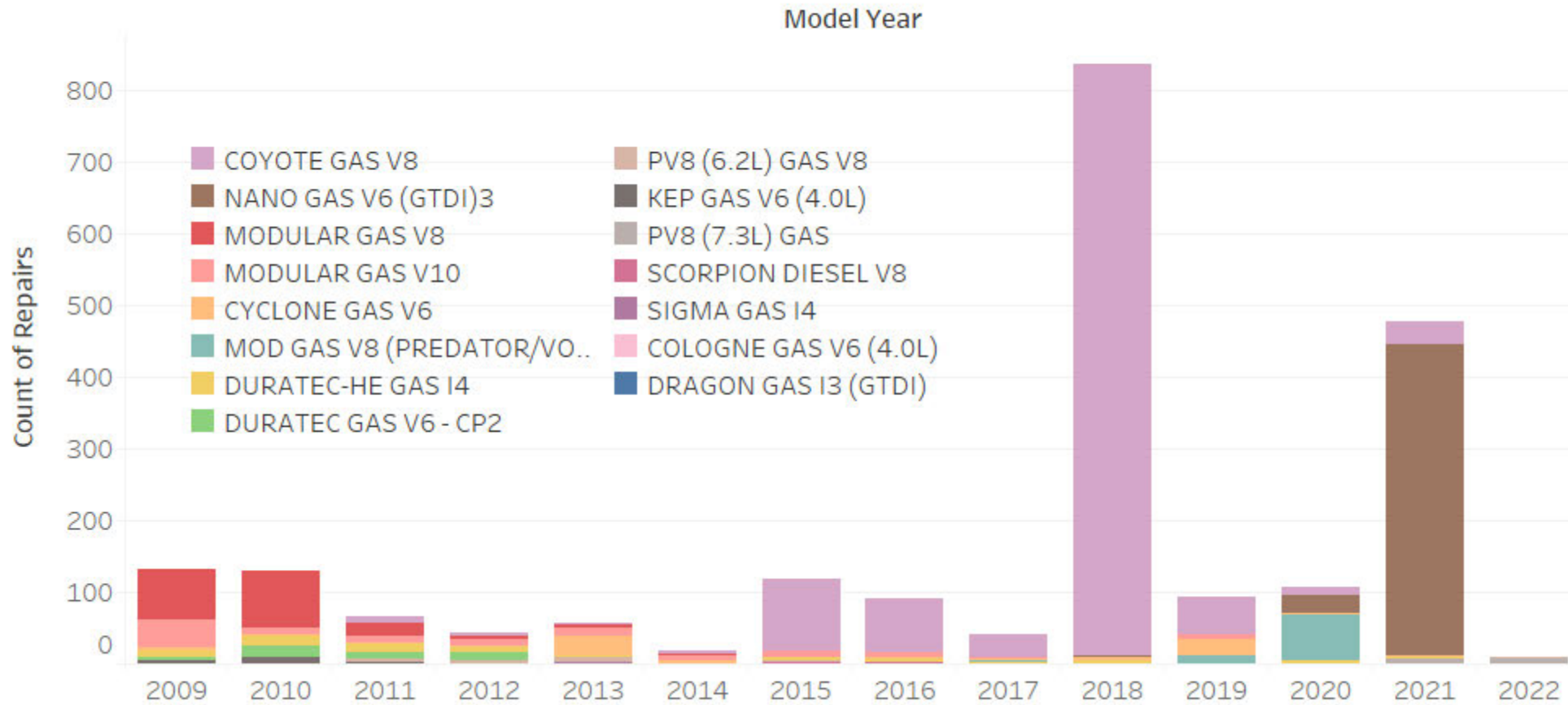
All 3rd Keeper Groove Failures



From: Knott, Tim (.)
Sent: Thursday, April 28, 2022 1:39 PM
To: Beyer, Laura (L.D.)
Subject: 3rd keeper groove failures since 2009

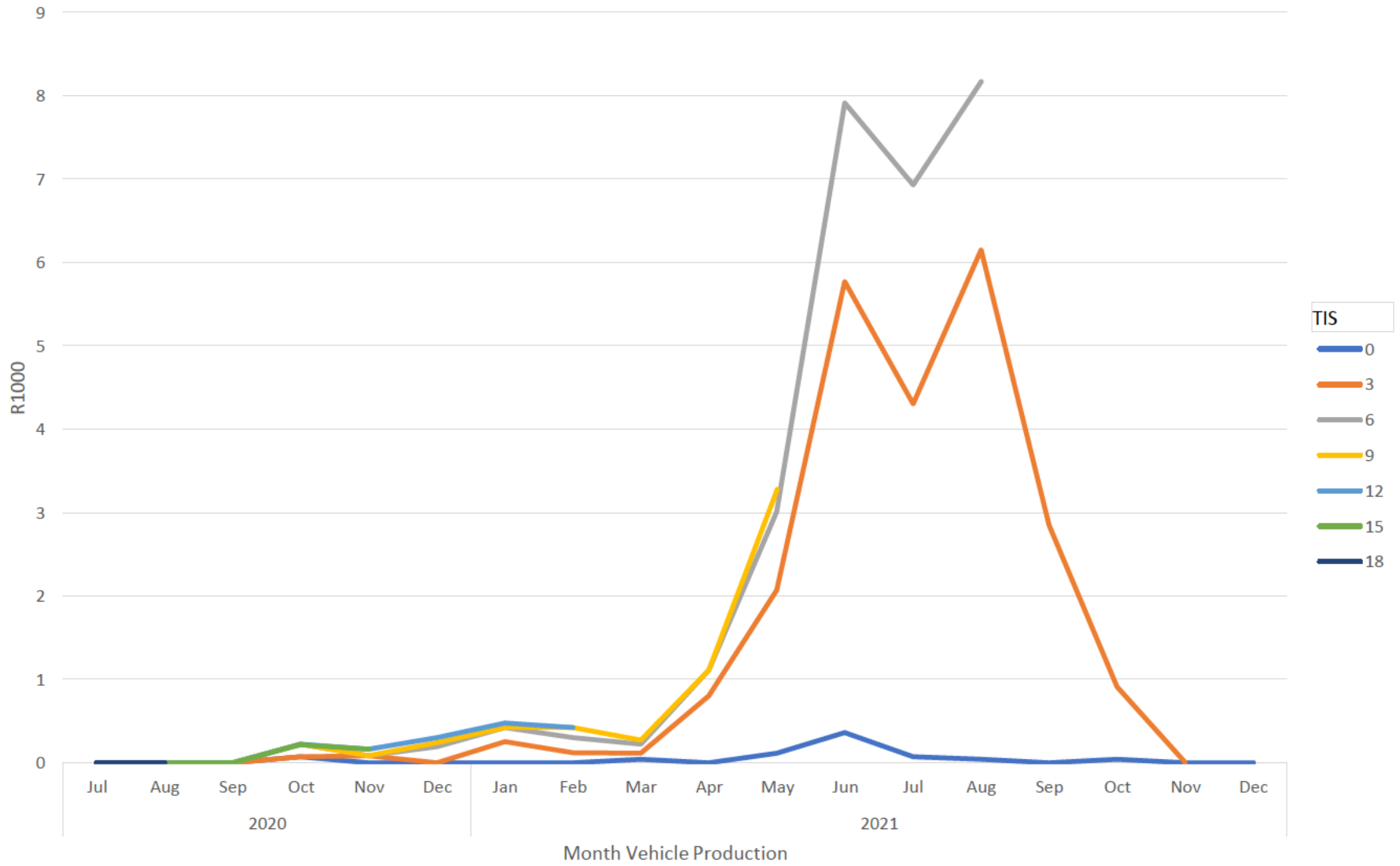
These are the Quarterback tracked 3rd keeper groove failures on all North American vehicles.

All 3rd Keeper Groove Failures



Sum of R1000

21MY Nano Dropped Valve



Years PROD_MONTH

Sum of R1000	Column Labels							
Row Labels	0	3	6	9	12	15	18	Grand Total
2020	0.07	0.15	0.49	0.54	0.68	0.38	0	2.31
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0		0
Oct	0.07	0.07	0.22	0.22	0.22	0.22		1.02
Nov	0	0.08	0.08	0.08	0.16	0.16		0.56
Dec	0	0	0.19	0.24	0.3			0.73
2021	0.66	23.33	28.07	5.5	0.9			58.46
Jan	0	0.25	0.42	0.42	0.48			1.57
Feb	0	0.12	0.3	0.42	0.42			1.26
Mar	0.04	0.11	0.22	0.27				0.64
Apr	0	0.8	1.11	1.11				3.02
May	0.11	2.07	3.01	3.28				8.47
Jun	0.36	5.77	7.91					14.04
Jul	0.07	4.3	6.93					11.3
Aug	0.04	6.15	8.17					14.36
Sep	0	2.85						2.85
Oct	0.04	0.91						0.95
Nov	0	0						0
Dec	0							0
Grand Total	0.73	23.48	28.56	6.04	1.58	0.38	0	60.77

MODEL YEAR (All)

Sum of R1000	Column Labels							Grand Total
Row Labels	0	3	6	9	12	15	18	
2020								
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Oct	0.07	0.07	0.22	0.22	0.22	0.22		1.02
Nov	0	0.08	0.08	0.08	0.16	0.16		0.56
Dec	0	0	0.19	0.24	0.3			0.73
2021								
Jan	0	0.25	0.42	0.42	0.48			1.57
Feb	0	0.12	0.3	0.42	0.42			1.26
Mar	0.04	0.11	0.22	0.27				0.64
Apr	0	0.8	1.11	1.11				3.02
May	0.11	2.07	3.01	3.28				8.47
Jun	0.36	5.77	7.91					14.04
Jul	0.07	4.3	6.93					11.3
Aug	0.04	6.15	8.17					14.36
Sep	0	2.85						2.85
Oct	0.04	0.91						0.95
Nov	0	0						0
Dec	0							0
Grand Total	0.73	23.48	28.56	6.04	1.58	0.38	0	60.77



Report Info Status=Fin Request N; Descriptor Run Date / Completion Job Size=2 Execution Precalc Pri Cut Off Da
 Data Selec Model Yea Cost Cateç Claim Key| Trace Com Engine Global = NANO GAS V6 (GTDI) - LEP[E2277],
 Report Sel Report Nar Destination CSV Name Model Yea Order By = TIS Rows ; YTD Colun Minimum [Logic = Co
 Minimum Divisor Selected:100

MATRIX_N	PROD_MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL YE	
1		0	0.05	12	264060	130356.1	0.49	10863.01	2021
1		1	0.55	144	261815	1513599	5.78	10511.1	2021
1		2	1.14	294	255619	3150624	12.18	10716.41	2021
1		3	1.6	406	243145	4459112	17.56	10983.03	2021
1		4	1.97	487	219903	5352569	21.63	10990.9	2021
1		5	2.19	531	194332	5846642	24.17	11010.63	2021
1		6	2.3	550	174929	6057253	25.37	11013.19	2021
1		7	2.35	557	153166	6126344	25.82	10998.82	2021
1		8	2.38	561	138260	6167004	26.12	10992.88	2021
1		9	2.39	563	122238	6192150	26.32	10998.49	2021
1		10	2.41	565	109183	6218606	26.57	11006.38	2021
1		11	2.42	566	92420	6226567	26.65	11001	2021
1		12	2.42	566	66298	6226567	26.65	11001	2021
1		13	2.42	566	46085	6226567	26.65	11001	2021
1		14	2.42	566	29327	6226567	26.65	11001	2021
1		15	2.42	566	15908	6226567	26.65	11001	2021
1		16	2.42	566	8394	6226567	26.65	11001	2021
1		17	2.42	566	3903	6226567	26.65	11001	2021
1		18	2.42	566	2141	6226567	26.65	11001	2021
1		19	2.42	566	848	6226567	26.65	11001	2021
1	7/1/2020	0	0	0	1044	0	0	0	2021
1	7/1/2020	1	0	0	1044	0	0	0	2021
1	7/1/2020	2	0	0	1044	0	0	0	2021
1	7/1/2020	3	0	0	1044	0	0	0	2021
1	7/1/2020	4	0	0	1044	0	0	0	2021
1	7/1/2020	5	0	0	1044	0	0	0	2021
1	7/1/2020	6	0	0	1043	0	0	0	2021
1	7/1/2020	7	0	0	1042	0	0	0	2021
1	7/1/2020	8	0	0	1042	0	0	0	2021
1	7/1/2020	9	0	0	1042	0	0	0	2021
1	7/1/2020	10	0	0	1041	0	0	0	2021
1	7/1/2020	11	0	0	1040	0	0	0	2021
1	7/1/2020	12	0	0	1037	0	0	0	2021
1	7/1/2020	13	0	0	1035	0	0	0	2021
1	7/1/2020	14	0	0	1032	0	0	0	2021
1	7/1/2020	15	0	0	1023	0	0	0	2021
1	7/1/2020	16	0	0	1005	0	0	0	2021
1	7/1/2020	17	0	0	983	0	0	0	2021
1	7/1/2020	18	0	0	938	0	0	0	2021
1	7/1/2020	19	0	0	809	0	0	0	2021
1	8/1/2020	0	0	0	1577	0	0	0	2021
1	8/1/2020	1	0	0	1577	0	0	0	2021
1	8/1/2020	2	0	0	1577	0	0	0	2021
1	8/1/2020	3	0	0	1577	0	0	0	2021
1	8/1/2020	4	0	0	1577	0	0	0	2021
1	8/1/2020	5	0	0	1577	0	0	0	2021
1	8/1/2020	6	0	0	1577	0	0	0	2021
1	8/1/2020	7	0	0	1577	0	0	0	2021
1	8/1/2020	8	0	0	1576	0	0	0	2021

1	8/1/2020	9	0	0	1574	0	0	0	2021
1	8/1/2020	10	0	0	1573	0	0	0	2021
1	8/1/2020	11	0	0	1571	0	0	0	2021
1	8/1/2020	12	0	0	1565	0	0	0	2021
1	8/1/2020	13	0	0	1563	0	0	0	2021
1	8/1/2020	14	0	0	1558	0	0	0	2021
1	8/1/2020	15	0	0	1539	0	0	0	2021
1	8/1/2020	16	0	0	1481	0	0	0	2021
1	8/1/2020	17	0	0	1392	0	0	0	2021
1	8/1/2020	18	0	0	1164	0	0	0	2021
1	9/1/2020	0	0	0	2476	0	0	0	2021
1	9/1/2020	1	0	0	2476	0	0	0	2021
1	9/1/2020	2	0	0	2476	0	0	0	2021
1	9/1/2020	3	0	0	2474	0	0	0	2021
1	9/1/2020	4	0	0	2471	0	0	0	2021
1	9/1/2020	5	0	0	2467	0	0	0	2021
1	9/1/2020	6	0	0	2466	0	0	0	2021
1	9/1/2020	7	0	0	2462	0	0	0	2021
1	9/1/2020	8	0	0	2458	0	0	0	2021
1	9/1/2020	9	0	0	2449	0	0	0	2021
1	9/1/2020	10	0	0	2430	0	0	0	2021
1	9/1/2020	11	0	0	2402	0	0	0	2021
1	9/1/2020	12	0	0	2362	0	0	0	2021
1	9/1/2020	13	0	0	2315	0	0	0	2021
1	9/1/2020	14	0	0	2245	0	0	0	2021
1	9/1/2020	15	0	0	2151	0	0	0	2021
1	9/1/2020	16	0	0	1895	0	0	0	2021
1	9/1/2020	17	0	0	1489	0	0	0	2021
1	10/1/2020	0	0.07	1	13495	10243.61	0.76	10243.61	2021
1	10/1/2020	1	0.07	1	13488	10243.61	0.76	10243.61	2021
1	10/1/2020	2	0.07	1	13483	10243.61	0.76	10243.61	2021
1	10/1/2020	3	0.07	1	13476	10243.61	0.76	10243.61	2021
1	10/1/2020	4	0.15	2	13456	22511.76	1.67	11255.88	2021
1	10/1/2020	5	0.15	2	13427	22511.76	1.67	11255.88	2021
1	10/1/2020	6	0.22	3	13385	30734.75	2.29	10244.92	2021
1	10/1/2020	7	0.22	3	13346	30734.75	2.29	10244.92	2021
1	10/1/2020	8	0.22	3	13255	30734.75	2.29	10244.92	2021
1	10/1/2020	9	0.22	3	13118	30734.75	2.29	10244.92	2021
1	10/1/2020	10	0.22	3	12837	30734.75	2.29	10244.92	2021
1	10/1/2020	11	0.22	3	12271	30734.75	2.29	10244.92	2021
1	10/1/2020	12	0.22	3	11492	30734.75	2.29	10244.92	2021
1	10/1/2020	13	0.22	3	10293	30734.75	2.29	10244.92	2021
1	10/1/2020	14	0.22	3	8685	30734.75	2.29	10244.92	2021
1	10/1/2020	15	0.22	3	6567	30734.75	2.29	10244.92	2021
1	10/1/2020	16	0.22	3	3974	30734.75	2.29	10244.92	2021
1	11/1/2020	0	0	0	13120	0	0	0	2021
1	11/1/2020	1	0	0	13113	0	0	0	2021
1	11/1/2020	2	0	0	13100	0	0	0	2021
1	11/1/2020	3	0.08	1	13082	13838.27	1.06	13838.27	2021
1	11/1/2020	4	0.08	1	13053	13838.27	1.06	13838.27	2021
1	11/1/2020	5	0.08	1	13016	13838.27	1.06	13838.27	2021
1	11/1/2020	6	0.08	1	12967	13838.27	1.06	13838.27	2021
1	11/1/2020	7	0.08	1	12884	13838.27	1.06	13838.27	2021
1	11/1/2020	8	0.08	1	12773	13838.27	1.06	13838.27	2021

1	11/1/2020	9	0.08	1	12574	13838.27	1.06	13838.27	2021
1	11/1/2020	10	0.16	2	12235	26359.36	2.08	13179.68	2021
1	11/1/2020	11	0.16	2	11585	26359.36	2.08	13179.68	2021
1	11/1/2020	12	0.16	2	10608	26359.36	2.08	13179.68	2021
1	11/1/2020	13	0.16	2	9149	26359.36	2.08	13179.68	2021
1	11/1/2020	14	0.16	2	7256	26359.36	2.08	13179.68	2021
1	11/1/2020	15	0.16	2	4589	26359.36	2.08	13179.68	2021
1	12/1/2020	0	0	0	20673	0	0	0	2021
1	12/1/2020	1	0	0	20667	0	0	0	2021
1	12/1/2020	2	0	0	20655	0	0	0	2021
1	12/1/2020	3	0	0	20644	0	0	0	2021
1	12/1/2020	4	0	0	20620	0	0	0	2021
1	12/1/2020	5	0.15	3	20580	28897.57	1.4	9632.52	2021
1	12/1/2020	6	0.19	4	20503	37707.71	1.83	9426.93	2021
1	12/1/2020	7	0.19	4	20370	37707.71	1.83	9426.93	2021
1	12/1/2020	8	0.19	4	20200	37707.71	1.83	9426.93	2021
1	12/1/2020	9	0.24	5	19905	47075.92	2.3	9415.18	2021
1	12/1/2020	10	0.3	6	19207	61011.71	3.03	10168.62	2021
1	12/1/2020	11	0.3	6	17820	61011.71	3.03	10168.62	2021
1	12/1/2020	12	0.3	6	15776	61011.71	3.03	10168.62	2021
1	12/1/2020	13	0.3	6	12396	61011.71	3.03	10168.62	2021
1	12/1/2020	14	0.3	6	8512	61011.71	3.03	10168.62	2021
1	1/1/2021	0	0	0	23697	0	0	0	2021
1	1/1/2021	1	0.08	2	23692	25093.02	1.06	12546.51	2021
1	1/1/2021	2	0.21	5	23673	61173.53	2.58	12234.71	2021
1	1/1/2021	3	0.25	6	23656	74945.48	3.17	12490.91	2021
1	1/1/2021	4	0.38	9	23587	111362	4.71	12373.55	2021
1	1/1/2021	5	0.38	9	23509	111362	4.71	12373.55	2021
1	1/1/2021	6	0.42	10	23412	125171.1	5.3	12517.11	2021
1	1/1/2021	7	0.42	10	23221	125171.1	5.3	12517.11	2021
1	1/1/2021	8	0.42	10	22955	125171.1	5.3	12517.11	2021
1	1/1/2021	9	0.42	10	22400	125171.1	5.3	12517.11	2021
1	1/1/2021	10	0.42	10	21185	125171.1	5.3	12517.11	2021
1	1/1/2021	11	0.48	11	18948	133131.5	5.72	12102.87	2021
1	1/1/2021	12	0.48	11	15143	133131.5	5.72	12102.87	2021
1	1/1/2021	13	0.48	11	9295	133131.5	5.72	12102.87	2021
1	2/1/2021	0	0	0	16819	0	0	0	2021
1	2/1/2021	1	0.06	1	16814	7523.47	0.45	7523.47	2021
1	2/1/2021	2	0.06	1	16792	7523.47	0.45	7523.47	2021
1	2/1/2021	3	0.12	2	16773	21909.6	1.31	10954.8	2021
1	2/1/2021	4	0.3	5	16730	52173.72	3.11	10434.74	2021
1	2/1/2021	5	0.3	5	16643	52173.72	3.11	10434.74	2021
1	2/1/2021	6	0.3	5	16541	52173.72	3.11	10434.74	2021
1	2/1/2021	7	0.36	6	16362	59357.27	3.55	9892.88	2021
1	2/1/2021	8	0.36	6	16067	59357.27	3.55	9892.88	2021
1	2/1/2021	9	0.42	7	15548	75134.76	4.57	10733.54	2021
1	2/1/2021	10	0.42	7	14405	75134.76	4.57	10733.54	2021
1	2/1/2021	11	0.42	7	12258	75134.76	4.57	10733.54	2021
1	2/1/2021	12	0.42	7	8276	75134.76	4.57	10733.54	2021
1	3/1/2021	0	0.04	1	27563	15077.62	0.55	15077.62	2021
1	3/1/2021	1	0.04	1	27527	15077.62	0.55	15077.62	2021
1	3/1/2021	2	0.04	1	27444	15077.62	0.55	15077.62	2021
1	3/1/2021	3	0.11	3	27349	39814.16	1.45	13271.39	2021
1	3/1/2021	4	0.15	4	27048	53070.45	1.94	13267.61	2021

1	3/1/2021	5	0.18	5	26655	60314.65	2.21	12062.93	2021
1	3/1/2021	6	0.22	6	25914	71328.45	2.64	11888.08	2021
1	3/1/2021	7	0.22	6	24691	71328.45	2.64	11888.08	2021
1	3/1/2021	8	0.27	7	23491	85044.88	3.22	12149.27	2021
1	3/1/2021	9	0.27	7	21933	85044.88	3.22	12149.27	2021
1	3/1/2021	10	0.27	7	19667	85044.88	3.22	12149.27	2021
1	3/1/2021	11	0.27	7	14486	85044.88	3.22	12149.27	2021
1	4/1/2021	0	0	0	10074	0	0	0	2021
1	4/1/2021	1	0.4	4	10038	46839.97	4.67	11709.99	2021
1	4/1/2021	2	0.5	5	9994	58797.88	5.86	11759.58	2021
1	4/1/2021	3	0.8	8	9923	98864.49	9.9	12358.06	2021
1	4/1/2021	4	1.11	11	9737	127816.2	12.87	11619.65	2021
1	4/1/2021	5	1.11	11	9430	127816.2	12.87	11619.65	2021
1	4/1/2021	6	1.11	11	8549	127816.2	12.87	11619.65	2021
1	4/1/2021	7	1.11	11	7649	127816.2	12.87	11619.65	2021
1	4/1/2021	8	1.11	11	6509	127816.2	12.87	11619.65	2021
1	4/1/2021	9	1.11	11	5531	127816.2	12.87	11619.65	2021
1	4/1/2021	10	1.11	11	4564	127816.2	12.87	11619.65	2021
1	5/1/2021	0	0.11	1	8746	8406.36	0.96	8406.36	2021
1	5/1/2021	1	1.03	9	8726	101128.2	11.59	11236.46	2021
1	5/1/2021	2	1.61	14	8694	149860.8	17.19	10704.35	2021
1	5/1/2021	3	2.07	18	8653	189720.1	21.8	10540	2021
1	5/1/2021	4	2.53	22	8591	235521.9	27.13	10705.54	2021
1	5/1/2021	5	3.01	26	8441	274112.7	31.7	10542.8	2021
1	5/1/2021	6	3.01	26	8162	274112.7	31.7	10542.8	2021
1	5/1/2021	7	3.01	26	7878	274112.7	31.7	10542.8	2021
1	5/1/2021	8	3.28	28	7367	293289.8	34.31	10474.63	2021
1	5/1/2021	9	3.28	28	6125	293289.8	34.31	10474.63	2021
1	6/1/2021	0	0.36	6	16760	63310.5	3.78	10551.75	2021
1	6/1/2021	1	2.63	44	16707	437703.1	26.19	9947.8	2021
1	6/1/2021	2	4.68	78	16602	768850.2	46.13	9857.05	2021
1	6/1/2021	3	5.77	96	16501	965514.1	58.05	10057.44	2021
1	6/1/2021	4	6.88	114	16290	1152435	69.53	10109.08	2021
1	6/1/2021	5	7.44	123	15919	1250409	75.68	10165.92	2021
1	6/1/2021	6	7.91	130	15008	1323579	80.56	10181.37	2021
1	6/1/2021	7	8.2	134	13768	1364863	83.55	10185.54	2021
1	6/1/2021	8	8.29	135	10528	1372629	84.29	10167.62	2021
1	7/1/2021	0	0.07	1	13426	13844.6	1.03	13844.6	2021
1	7/1/2021	1	1.2	16	13307	156848.3	11.78	9803.02	2021
1	7/1/2021	2	2.81	37	13041	378091.4	28.74	10218.69	2021
1	7/1/2021	3	4.3	56	12794	592069.1	45.47	10572.66	2021
1	7/1/2021	4	5.99	77	12407	817897.6	63.67	10622.05	2021
1	7/1/2021	5	6.51	83	11517	903715.1	71.12	10888.13	2021
1	7/1/2021	6	6.93	87	9612	953938.3	76.35	10964.81	2021
1	7/1/2021	7	7.18	89	7877	974561.7	78.96	10950.13	2021
1	8/1/2021	0	0.04	1	25601	11255.09	0.44	11255.09	2021
1	8/1/2021	1	2.05	52	25361	554615.2	21.86	10665.68	2021
1	8/1/2021	2	4.52	113	24738	1234267	49.34	10922.72	2021
1	8/1/2021	3	6.15	152	23885	1687125	68.3	11099.5	2021
1	8/1/2021	4	7	171	22206	1907767	78.23	11156.53	2021
1	8/1/2021	5	7.92	189	19762	2110227	88.48	11165.22	2021
1	8/1/2021	6	8.17	193	15751	2155589	91.36	11168.85	2021
1	9/1/2021	0	0	0	14981	0	0	0	2021
1	9/1/2021	1	0.74	11	14846	125783.2	8.47	11434.84	2021

1	9/1/2021	2	1.64	24	14509	277705.9	18.94	11571.08	2021
1	9/1/2021	3	2.85	41	14040	489962.8	34.06	11950.31	2021
1	9/1/2021	4	3.41	48	12521	571406.8	40.57	11904.31	2021
1	9/1/2021	5	3.7	51	10306	604495.7	43.78	11852.86	2021
1	10/1/2021	0	0.04	1	25865	8218.33	0.32	8218.33	2021
1	10/1/2021	1	0.12	3	25476	32742.86	1.28	10914.29	2021
1	10/1/2021	2	0.61	15	24524	189033	7.65	12602.2	2021
1	10/1/2021	3	0.91	22	23017	275105.6	11.39	12504.8	2021
1	10/1/2021	4	0.96	23	18526	286768.7	12.02	12468.2	2021
1	11/1/2021	0	0	0	20547	0	0	0	2021
1	11/1/2021	1	0	0	19890	0	0	0	2021
1	11/1/2021	2	0	0	17872	0	0	0	2021
1	11/1/2021	3	0	0	14218	0	0	0	2021
1	12/1/2021	0	0	0	7557	0	0	0	2021
1	12/1/2021	1	0	0	7027	0	0	0	2021
1	12/1/2021	2	0	0	5362	0	0	0	2021

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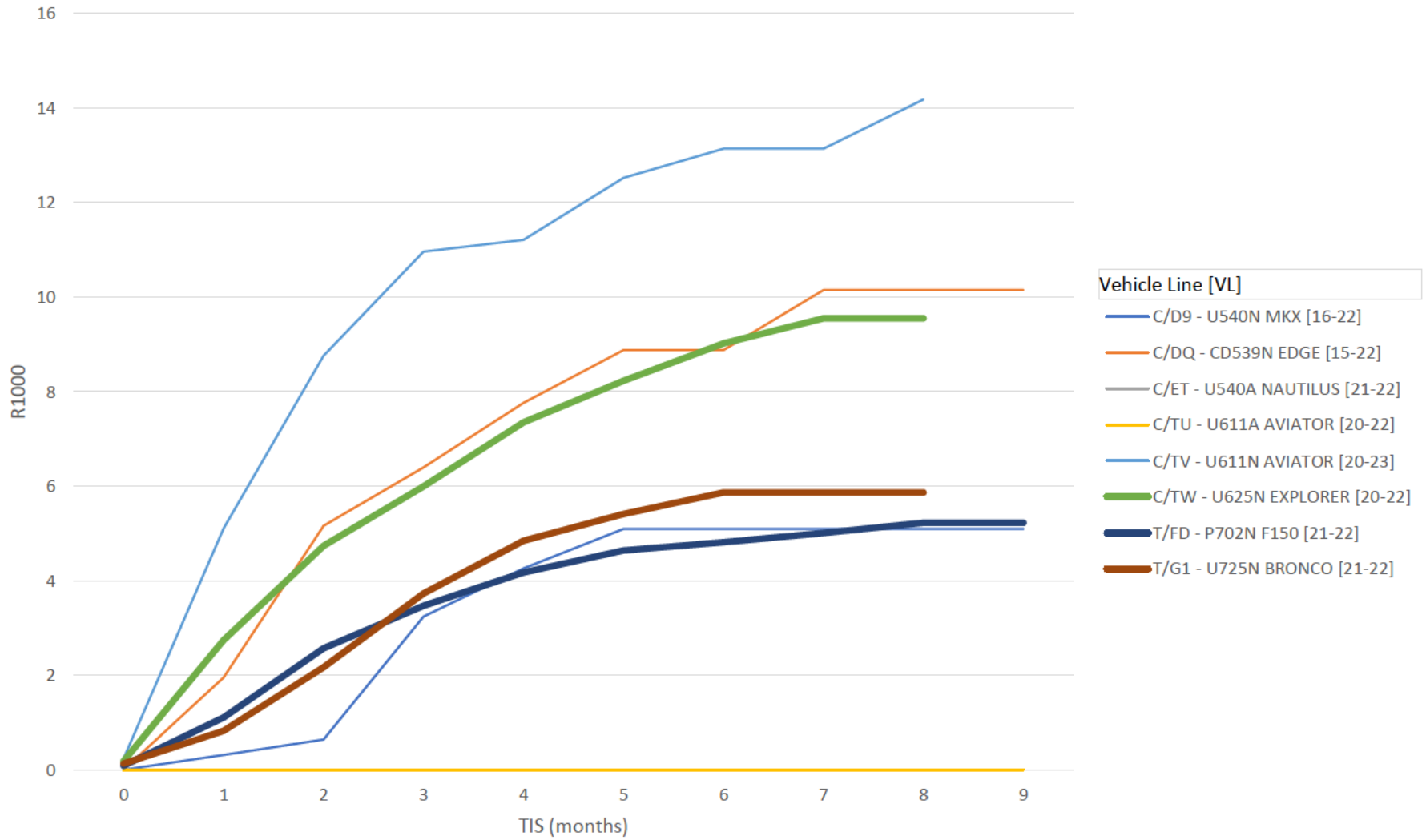
PROD_MONTH	(blank)
TIS	0

Row Labels	Sum of VEHICLES
T/FD - P702N F150 [21-22]	46,800
C/TW - U625N EXPLORER [20-22]	16,527
T/G1 - U725N BRONCO [21-22]	14,914
C/TV - U611N AVIATOR [20-23]	4,127
C/D9 - U540N MKX [16-22]	3,245
C/DQ - CD539N EDGE [15-22]	2,607
C/TU - U611A AVIATOR [20-22]	1,933
C/ET - U540A NAUTILUS [21-22]	1,257
Grand Total	91,410

PROD_MONTH

Sum of R1000

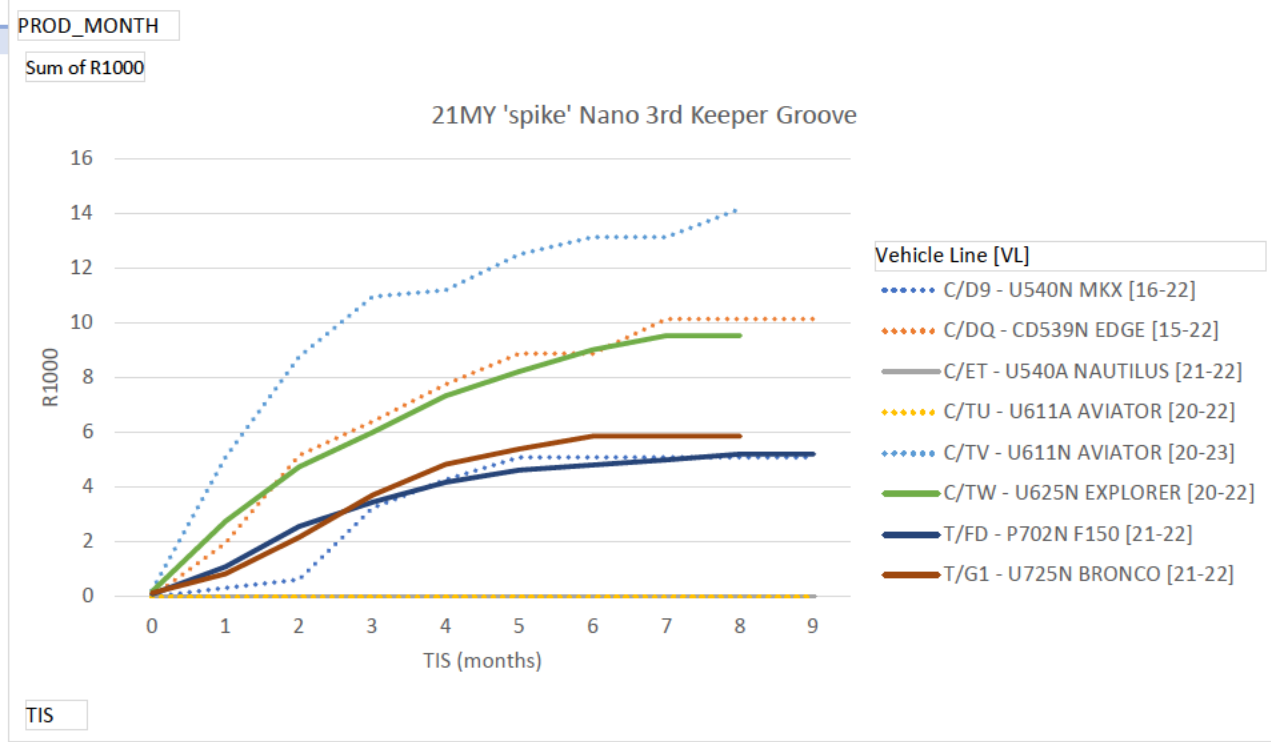
21MY Nano Dropped Valve (spike window)



TIS

PROD_MONTH (blank)

Sum of R1000	Column Labels								Grand Total	
Row Labels	C/D9 - U540N MKX [16-22]	C/DQ - CD539N EDGE [15-22]	C/ET - U540A NAUTILUS [21-22]	C/TU - U611A AVIATOR [20-22]	C/TV - U611N AVIATOR [20-23]	C/TW - U625N EXPLORER [20-22]	T/FD - P702N F150 [21-22]	T/G1 - U725N BRONCO [21-22]	Grand Total	
0	0	0	0	0	0	0.24	0.18	0.09	0.13	0.64
1	0.31	1.95	0	0	0	5.1	2.74	1.1	0.82	12.02
2	0.63	5.15	0	0	0	8.75	4.73	2.56	2.16	23.98
3	3.24	6.39	0	0	0	10.95	5.99	3.46	3.72	33.75
4	4.26	7.76	0	0	0	11.2	7.34	4.17	4.84	39.57
5	5.09	8.87	0	0	0	12.51	8.22	4.63	5.4	44.72
6	5.09	8.87	0	0	0	13.13	9.01	4.81	5.86	46.77
7	5.09	10.15	0	0	0	13.13	9.55	5	5.86	48.78
8	5.09	10.15	0	0	0	13.13	9.55	5.22	5.86	50.05
9	5.09	10.15	0	0	0	14.18	9.55	5.22	5.86	50.05
Grand Total	33.89	69.44						36.26	34.65	320.74



Report Info Status=Fin Request No; Descriptor Run Date / Completion Job Size= Execution Precalc Pri Cut Off Da
 Data Selec Model Yea Cost Cateç Claim Key| Trace Com Engine Glc Production Date[Typed] Between [01-May-20
 Report Sel Report Nar Destination CSV Name Model Yea Order By = TIS Rows ; YTD Colun Minimum [Logic = Co
 Minimum Divisor Selected:100

MATRIX_N	PROD_MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL YE	
1		0	0	0	3245	0	0	2021	
1		1	0.31	1	3223	11703.63	3.63	11703.63	2021
1		2	0.63	2	3161	21574.49	6.75	10787.25	2021
1		3	3.24	10	3067	124342.5	40.26	12434.25	2021
1		4	4.26	13	2925	159730.5	52.36	12286.96	2021
1		5	5.09	15	2414	180092.1	60.79	12006.14	2021
1		6	5.09	15	1734	180092.1	60.79	12006.14	2021
1		7	5.09	15	1022	180092.1	60.79	12006.14	2021
1		8	5.09	15	310	180092.1	60.79	12006.14	2021
1		9	5.09	15	191	180092.1	60.79	12006.14	2021
1	5/1/2021	0	0	0	303	0	0	0	2021
1	5/1/2021	1	0	0	303	0	0	0	2021
1	5/1/2021	2	0	0	301	0	0	0	2021
1	5/1/2021	3	0	0	300	0	0	0	2021
1	5/1/2021	4	0	0	298	0	0	0	2021
1	5/1/2021	5	0	0	292	0	0	0	2021
1	5/1/2021	6	0	0	283	0	0	0	2021
1	5/1/2021	7	0	0	268	0	0	0	2021
1	5/1/2021	8	0	0	238	0	0	0	2021
1	5/1/2021	9	0	0	191	0	0	0	2021
1	6/1/2021	0	0	0	171	0	0	0	2021
1	6/1/2021	1	0	0	171	0	0	0	2021
1	6/1/2021	2	5.88	1	170	9870.86	58.06	9870.86	2021
1	6/1/2021	3	5.88	1	169	9870.86	58.06	9870.86	2021
1	6/1/2021	4	11.87	2	167	22316.25	132.59	11158.13	2021
1	6/1/2021	5	18.12	3	160	30995.4	186.83	10331.8	2021
1	6/1/2021	6	18.12	3	147	30995.4	186.83	10331.8	2021
1	6/1/2021	7	18.12	3	118	30995.4	186.83	10331.8	2021
1	7/1/2021	0	0	0	906	0	0	0	2021
1	7/1/2021	1	1.11	1	902	11703.63	12.98	11703.63	2021
1	7/1/2021	2	1.11	1	897	11703.63	12.98	11703.63	2021
1	7/1/2021	3	1.11	1	891	11703.63	12.98	11703.63	2021
1	7/1/2021	4	3.38	3	879	34646.22	39.08	11548.74	2021
1	7/1/2021	5	4.55	4	855	46328.74	52.74	11582.19	2021
1	7/1/2021	6	4.55	4	793	46328.74	52.74	11582.19	2021
1	7/1/2021	7	4.55	4	636	46328.74	52.74	11582.19	2021
1	8/1/2021	0	0	0	672	0	0	0	2021
1	8/1/2021	1	0	0	671	0	0	0	2021
1	8/1/2021	2	0	0	664	0	0	0	2021
1	8/1/2021	3	0	0	658	0	0	0	2021
1	8/1/2021	4	0	0	644	0	0	0	2021
1	8/1/2021	5	0	0	611	0	0	0	2021
1	8/1/2021	6	0	0	511	0	0	0	2021
1	9/1/2021	0	0	0	690	0	0	0	2021
1	9/1/2021	1	0	0	684	0	0	0	2021
1	9/1/2021	2	0	0	660	0	0	0	2021
1	9/1/2021	3	12.52	8	639	102768	160.83	12846	2021
1	9/1/2021	4	12.52	8	599	102768	160.83	12846	2021
1	9/1/2021	5	12.52	8	496	102768	160.83	12846	2021

1	10/1/2021	0	0	0	503	0	0	0	2021
1	10/1/2021	1	0	0	492	0	0	0	2021
1	10/1/2021	2	0	0	469	0	0	0	2021
1	10/1/2021	3	0	0	410	0	0	0	2021
1	10/1/2021	4	0	0	338	0	0	0	2021
2		0	0	0	2607	0	0	0	2021
2		1	1.95	5	2568	53742.13	20.93	10748.43	2021
2		2	5.15	13	2501	121450.3	48	9342.33	2021
2		3	6.39	16	2408	150362.3	60.01	9397.64	2021
2		4	7.76	19	2190	181763.1	74.34	9566.48	2021
2		5	8.87	21	1802	200218.5	84.59	9534.21	2021
2		6	8.87	21	1315	200218.5	84.59	9534.21	2021
2		7	10.15	22	781	212014.6	99.69	9637.03	2021
2		8	10.15	22	545	212014.6	99.69	9637.03	2021
2		9	10.15	22	341	212014.6	99.69	9637.03	2021
2	5/1/2021	0	0	0	675	0	0	0	2021
2	5/1/2021	1	2.97	2	673	26069.87	38.74	13034.94	2021
2	5/1/2021	2	2.97	2	671	26069.87	38.74	13034.94	2021
2	5/1/2021	3	5.96	4	669	44097.55	65.68	11024.39	2021
2	5/1/2021	4	7.48	5	660	54424.55	81.33	10884.91	2021
2	5/1/2021	5	9.05	6	637	61462.1	92.38	10243.68	2021
2	5/1/2021	6	9.05	6	616	61462.1	92.38	10243.68	2021
2	5/1/2021	7	9.05	6	563	61462.1	92.38	10243.68	2021
2	5/1/2021	8	9.05	6	484	61462.1	92.38	10243.68	2021
2	5/1/2021	9	9.05	6	341	61462.1	92.38	10243.68	2021
2	6/1/2021	0	0	0	150	0	0	0	2021
2	6/1/2021	1	6.67	1	150	11477.68	76.52	11477.68	2021
2	6/1/2021	2	26.94	4	148	32588.64	219.16	8147.16	2021
2	6/1/2021	3	33.69	5	148	43472.97	292.7	8694.59	2021
2	6/1/2021	4	33.69	5	147	43472.97	292.7	8694.59	2021
2	6/1/2021	5	40.84	6	140	54890.76	374.26	9148.46	2021
2	6/1/2021	6	40.84	6	132	54890.76	374.26	9148.46	2021
2	6/1/2021	7	49.61	7	114	66686.88	477.73	9526.7	2021
2	7/1/2021	0	0	0	140	0	0	0	2021
2	7/1/2021	1	0	0	137	0	0	0	2021
2	7/1/2021	2	7.35	1	136	7469.36	54.92	7469.36	2021
2	7/1/2021	3	7.35	1	133	7469.36	54.92	7469.36	2021
2	7/1/2021	4	7.35	1	127	7469.36	54.92	7469.36	2021
2	7/1/2021	5	7.35	1	122	7469.36	54.92	7469.36	2021
2	7/1/2021	6	7.35	1	117	7469.36	54.92	7469.36	2021
2	7/1/2021	7	7.35	1	104	7469.36	54.92	7469.36	2021
2	8/1/2021	0	0	0	671	0	0	0	2021
2	8/1/2021	1	3	2	666	16194.58	24.32	8097.29	2021
2	8/1/2021	2	6.04	4	659	34649.13	52.32	8662.28	2021
2	8/1/2021	3	6.04	4	640	34649.13	52.32	8662.28	2021
2	8/1/2021	4	7.73	5	592	47292.31	73.68	9458.46	2021
2	8/1/2021	5	7.73	5	543	47292.31	73.68	9458.46	2021
2	8/1/2021	6	7.73	5	450	47292.31	73.68	9458.46	2021
2	9/1/2021	0	0	0	573	0	0	0	2021
2	9/1/2021	1	0	0	563	0	0	0	2021
2	9/1/2021	2	3.65	2	548	20673.27	37.72	10336.64	2021
2	9/1/2021	3	3.65	2	521	20673.27	37.72	10336.64	2021
2	9/1/2021	4	5.85	3	455	29103.93	56.25	9701.31	2021
2	9/1/2021	5	5.85	3	360	29103.93	56.25	9701.31	2021

2	10/1/2021	0	0	0	398	0	0	0	2021
2	10/1/2021	1	0	0	379	0	0	0	2021
2	10/1/2021	2	0	0	339	0	0	0	2021
2	10/1/2021	3	0	0	297	0	0	0	2021
2	10/1/2021	4	0	0	209	0	0	0	2021
3		0	0	0	1257	0	0	0	2021
3		1	0	0	1256	0	0	0	2021
3		2	0	0	1255	0	0	0	2021
3		3	0	0	1252	0	0	0	2021
3		4	0	0	1251	0	0	0	2021
3		5	0	0	1249	0	0	0	2021
3		6	0	0	1244	0	0	0	2021
3		7	0	0	1226	0	0	0	2021
3		8	0	0	1185	0	0	0	2021
3		9	0	0	485	0	0	0	2021
3	5/1/2021	0	0	0	491	0	0	0	2021
3	5/1/2021	1	0	0	490	0	0	0	2021
3	5/1/2021	2	0	0	490	0	0	0	2021
3	5/1/2021	3	0	0	490	0	0	0	2021
3	5/1/2021	4	0	0	490	0	0	0	2021
3	5/1/2021	5	0	0	490	0	0	0	2021
3	5/1/2021	6	0	0	490	0	0	0	2021
3	5/1/2021	7	0	0	490	0	0	0	2021
3	5/1/2021	8	0	0	490	0	0	0	2021
3	5/1/2021	9	0	0	485	0	0	0	2021
3	6/1/2021	0	0	0	766	0	0	0	2021
3	6/1/2021	1	0	0	766	0	0	0	2021
3	6/1/2021	2	0	0	765	0	0	0	2021
3	6/1/2021	3	0	0	762	0	0	0	2021
3	6/1/2021	4	0	0	761	0	0	0	2021
3	6/1/2021	5	0	0	759	0	0	0	2021
3	6/1/2021	6	0	0	754	0	0	0	2021
3	6/1/2021	7	0	0	736	0	0	0	2021
3	6/1/2021	8	0	0	695	0	0	0	2021
4		0	0	0	1933	0	0	0	2021
4		1	0	0	1924	0	0	0	2021
4		2	0	0	1921	0	0	0	2021
4		3	0	0	1899	0	0	0	2021
4		4	0	0	1882	0	0	0	2021
4		5	0	0	1838	0	0	0	2021
4		6	0	0	1780	0	0	0	2021
4		7	0	0	1690	0	0	0	2021
4		8	0	0	1553	0	0	0	2021
4		9	0	0	883	0	0	0	2021
4	5/1/2021	0	0	0	1249	0	0	0	2021
4	5/1/2021	1	0	0	1247	0	0	0	2021
4	5/1/2021	2	0	0	1247	0	0	0	2021
4	5/1/2021	3	0	0	1236	0	0	0	2021
4	5/1/2021	4	0	0	1225	0	0	0	2021
4	5/1/2021	5	0	0	1208	0	0	0	2021
4	5/1/2021	6	0	0	1182	0	0	0	2021
4	5/1/2021	7	0	0	1152	0	0	0	2021
4	5/1/2021	8	0	0	1090	0	0	0	2021
4	5/1/2021	9	0	0	883	0	0	0	2021

4	6/1/2021	0	0	0	684	0	0	0	2021
4	6/1/2021	1	0	0	677	0	0	0	2021
4	6/1/2021	2	0	0	674	0	0	0	2021
4	6/1/2021	3	0	0	663	0	0	0	2021
4	6/1/2021	4	0	0	657	0	0	0	2021
4	6/1/2021	5	0	0	630	0	0	0	2021
4	6/1/2021	6	0	0	598	0	0	0	2021
4	6/1/2021	7	0	0	538	0	0	0	2021
4	6/1/2021	8	0	0	463	0	0	0	2021
5		0	0.24	1	4127	10357.63	2.51	10357.63	2021
5		1	5.1	21	4120	190852.5	46.32	9088.21	2021
5		2	8.75	36	4105	333342.4	81.03	9259.51	2021
5		3	10.95	45	4088	437318.5	106.46	9718.19	2021
5		4	11.2	46	4014	448353.5	109.21	9746.81	2021
5		5	12.51	51	3825	500729.7	122.91	9818.23	2021
5		6	13.13	53	3225	521986.8	129.5	9848.81	2021
5		7	13.13	53	1615	521986.8	129.5	9848.81	2021
5		8	14.18	54	950	529753	137.67	9810.24	2021
5	6/1/2021	0	0.56	1	1783	10357.63	5.81	10357.63	2021
5	6/1/2021	1	4.49	8	1780	67970.91	38.18	8496.36	2021
5	6/1/2021	2	7.31	13	1773	107031.8	60.21	8233.22	2021
5	6/1/2021	3	8.44	15	1770	127368.7	71.7	8491.25	2021
5	6/1/2021	4	8.44	15	1752	127368.7	71.7	8491.25	2021
5	6/1/2021	5	9.03	16	1715	135194.1	76.26	8449.63	2021
5	6/1/2021	6	9.64	17	1636	146865.2	83.39	8639.13	2021
5	6/1/2021	7	9.64	17	1477	146865.2	83.39	8639.13	2021
5	6/1/2021	8	10.69	18	950	154631.4	91.57	8590.63	2021
5	7/1/2021	0	0	0	200	0	0	0	2021
5	7/1/2021	1	0	0	200	0	0	0	2021
5	7/1/2021	2	0	0	200	0	0	0	2021
5	7/1/2021	3	5.03	1	199	13773.83	69.22	13773.83	2021
5	7/1/2021	4	5.03	1	198	13773.83	69.22	13773.83	2021
5	7/1/2021	5	10.1	2	197	25637.96	129.44	12818.98	2021
5	7/1/2021	6	10.1	2	178	25637.96	129.44	12818.98	2021
5	7/1/2021	7	10.1	2	138	25637.96	129.44	12818.98	2021
5	8/1/2021	0	0	0	2096	0	0	0	2021
5	8/1/2021	1	6.21	13	2092	122881.5	58.74	9452.43	2021
5	8/1/2021	2	11.01	23	2085	226310.5	108.35	9839.59	2021
5	8/1/2021	3	13.42	28	2072	285885	137.1	10210.18	2021
5	8/1/2021	4	13.92	29	2018	296919.9	142.57	10238.62	2021
5	8/1/2021	5	15.52	32	1868	329606.6	160.06	10300.21	2021
5	8/1/2021	6	16.23	33	1411	339192.7	166.86	10278.57	2021
6		0	0.18	3	16527	34953.04	2.11	11651.01	2021
6		1	2.74	45	16411	465020	28.32	10333.78	2021
6		2	4.73	77	16126	785868.5	48.22	10206.08	2021
6		3	5.99	97	15783	997430	61.62	10282.78	2021
6		4	7.34	116	14047	1197199	75.84	10320.68	2021
6		5	8.22	126	11417	1301603	84.99	10330.18	2021
6		6	9.01	132	7558	1363750	93.21	10331.44	2021
6		7	9.55	134	3759	1380463	97.66	10301.97	2021
6		8	9.55	134	2476	1380463	97.66	10301.97	2021
6	6/1/2021	0	0.5	2	4003	23697.95	5.92	11848.98	2021
6	6/1/2021	1	4.76	19	3989	185418	46.46	9758.84	2021
6	6/1/2021	2	6.27	25	3976	241352.5	60.53	9654.1	2021

6	6/1/2021	3	7.79	31	3951	301398.4	75.73	9722.53	2021
6	6/1/2021	4	10.36	41	3889	406598.6	102.78	9917.04	2021
6	6/1/2021	5	10.62	42	3795	416902.4	105.49	9926.25	2021
6	6/1/2021	6	11.72	46	3641	457228	116.57	9939.74	2021
6	6/1/2021	7	12.34	48	3232	473941.8	121.74	9873.79	2021
6	6/1/2021	8	12.34	48	2476	473941.8	121.74	9873.79	2021
6	7/1/2021	0	0	0	648	0	0	0	2021
6	7/1/2021	1	4.64	3	647	23439.68	36.23	7813.23	2021
6	7/1/2021	2	9.3	6	644	50622.88	78.44	8437.15	2021
6	7/1/2021	3	9.3	6	642	50622.88	78.44	8437.15	2021
6	7/1/2021	4	10.88	7	629	59593.11	92.7	8513.3	2021
6	7/1/2021	5	10.88	7	612	59593.11	92.7	8513.3	2021
6	7/1/2021	6	10.88	7	587	59593.11	92.7	8513.3	2021
6	7/1/2021	7	10.88	7	527	59593.11	92.7	8513.3	2021
6	8/1/2021	0	0.2	1	4884	11255.09	2.3	11255.09	2021
6	8/1/2021	1	3.49	17	4863	191008.2	39.27	11235.77	2021
6	8/1/2021	2	8.3	40	4791	428739	88.89	10718.47	2021
6	8/1/2021	3	11.25	54	4743	580254.5	120.83	10745.45	2021
6	8/1/2021	4	12.59	60	4477	644639.1	135.21	10743.99	2021
6	8/1/2021	5	14.82	69	4027	738739.3	158.58	10706.37	2021
6	8/1/2021	6	15.42	71	3330	760560.5	165.13	10712.12	2021
6	9/1/2021	0	0	0	4778	0	0	0	2021
6	9/1/2021	1	1.06	5	4735	52732.55	11.14	10546.51	2021
6	9/1/2021	2	1.06	5	4621	52732.55	11.14	10546.51	2021
6	9/1/2021	3	1.06	5	4446	52732.55	11.14	10546.51	2021
6	9/1/2021	4	1.6	7	3646	73946.32	16.96	10563.76	2021
6	9/1/2021	5	1.6	7	2983	73946.32	16.96	10563.76	2021
6	10/1/2021	0	0	0	2214	0	0	0	2021
6	10/1/2021	1	0.46	1	2177	12421.61	5.71	12421.61	2021
6	10/1/2021	2	0.46	1	2094	12421.61	5.71	12421.61	2021
6	10/1/2021	3	0.46	1	2001	12421.61	5.71	12421.61	2021
6	10/1/2021	4	0.46	1	1406	12421.61	5.71	12421.61	2021
7		0	0.09	4	46800	39105.56	0.84	9776.39	2021
7		1	1.1	51	46487	562447.9	12.09	11028.39	2021
7		2	2.56	118	45728	1334735	28.98	11311.31	2021
7		3	3.46	158	44686	1794441	39.27	11357.22	2021
7		4	4.17	188	42362	2139312	47.41	11379.32	2021
7		5	4.63	204	34511	2344473	53.36	11492.52	2021
7		6	4.81	209	27358	2408651	55.7	11524.65	2021
7		7	5	212	16257	2442049	57.76	11519.1	2021
7		8	5.22	214	9027	2461226	59.88	11501.06	2021
7		9	5.22	214	4199	2461226	59.88	11501.06	2021
7	5/1/2021	0	0.18	1	5506	8406.36	1.53	8406.36	2021
7	5/1/2021	1	1.27	7	5497	75058.31	13.65	10722.62	2021
7	5/1/2021	2	2.18	12	5489	123791	22.53	10315.91	2021
7	5/1/2021	3	2.55	14	5475	145622.5	26.52	10401.61	2021
7	5/1/2021	4	2.92	16	5455	169567	30.91	10597.93	2021
7	5/1/2021	5	3.47	19	5411	201120.2	36.74	10585.27	2021
7	5/1/2021	6	3.47	19	5289	201120.2	36.74	10585.27	2021
7	5/1/2021	7	3.47	19	5129	201120.2	36.74	10585.27	2021
7	5/1/2021	8	3.88	21	4872	220297.2	40.67	10490.34	2021
7	5/1/2021	9	3.88	21	4199	220297.2	40.67	10490.34	2021
7	6/1/2021	0	0.15	1	6527	8636.27	1.32	8636.27	2021
7	6/1/2021	1	1.38	9	6519	103445.8	15.87	11493.97	2021

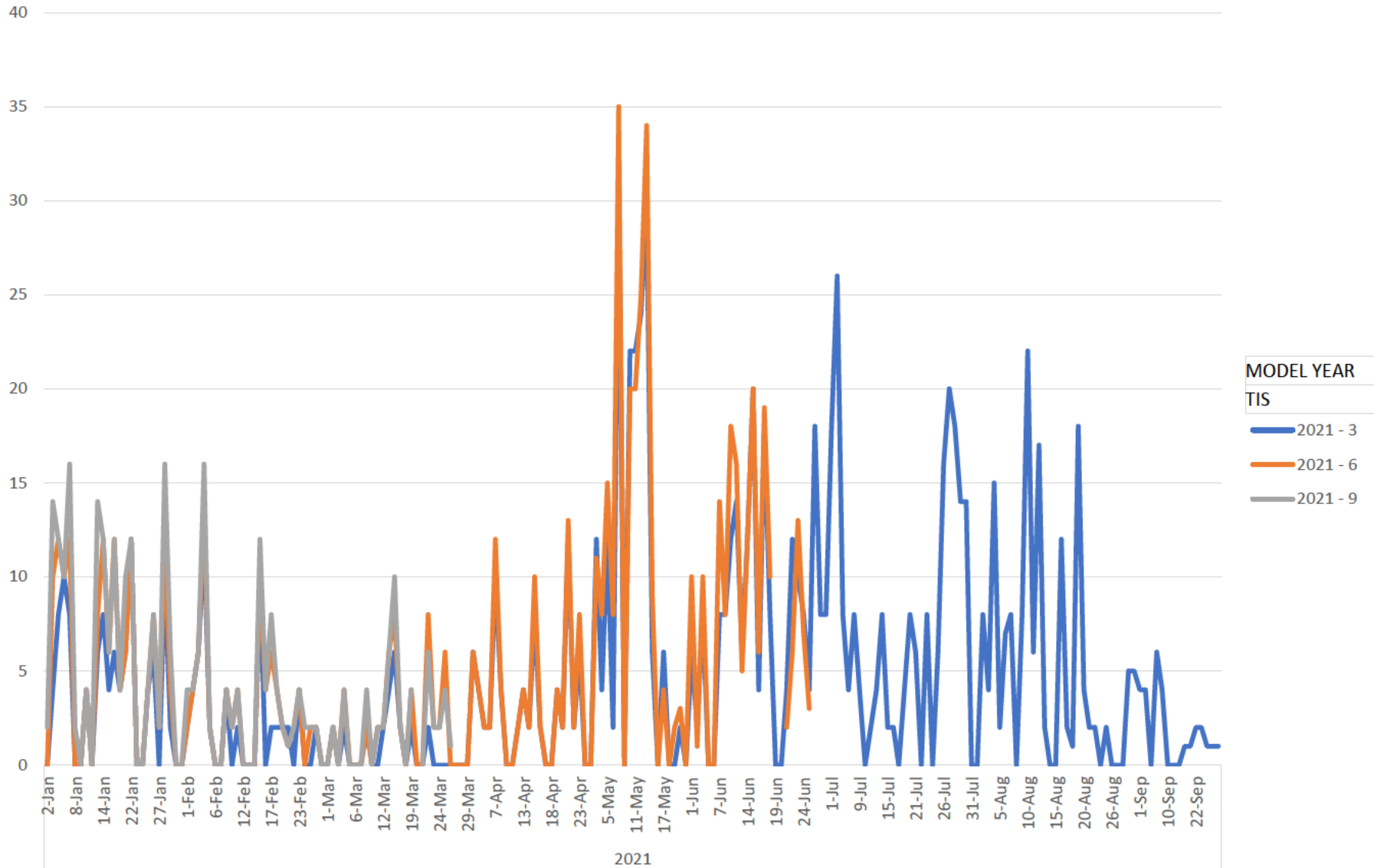
7	6/1/2021	2	3.53	23	6500	256443.6	39.4	11149.72	2021
7	6/1/2021	3	4.46	29	6480	320886	49.35	11065.03	2021
7	6/1/2021	4	5.24	34	6412	372869.3	57.46	10966.74	2021
7	6/1/2021	5	5.56	36	6340	396280.4	61.15	11007.79	2021
7	6/1/2021	6	5.56	36	6109	396280.4	61.15	11007.79	2021
7	6/1/2021	7	5.73	37	5645	409054.7	63.41	11055.53	2021
7	6/1/2021	8	5.73	37	4155	409054.7	63.41	11055.53	2021
7	7/1/2021	0	0.13	1	7826	13844.6	1.77	13844.6	2021
7	7/1/2021	1	1.54	12	7801	121705	15.6	10142.08	2021
7	7/1/2021	2	3.22	25	7749	258144.2	33.2	10325.77	2021
7	7/1/2021	3	4.91	38	7690	401954.3	51.9	10577.74	2021
7	7/1/2021	4	6.36	49	7578	519838.9	67.46	10608.96	2021
7	7/1/2021	5	6.9	53	7371	582109.8	75.91	10983.2	2021
7	7/1/2021	6	7.48	57	6844	632333	83.25	11093.56	2021
7	7/1/2021	7	7.85	59	5483	652956.4	87.01	11067.06	2021
7	8/1/2021	0	0	0	14017	0	0	0	2021
7	8/1/2021	1	1.37	19	13903	212228.7	15.26	11169.93	2021
7	8/1/2021	2	3.21	44	13574	517475.5	37.75	11760.81	2021
7	8/1/2021	3	4.43	60	13110	710677.6	52.49	11844.63	2021
7	8/1/2021	4	5.08	68	12266	809936.8	60.58	11910.84	2021
7	8/1/2021	5	5.61	74	11392	885610.5	67.22	11967.71	2021
7	8/1/2021	6	5.72	75	9116	899565.1	68.76	11994.2	2021
7	9/1/2021	0	0	0	5980	0	0	0	2021
7	9/1/2021	1	0.51	3	5924	41791.8	7.05	13930.6	2021
7	9/1/2021	2	1.72	10	5783	129596.1	22.24	12959.61	2021
7	9/1/2021	3	2.25	13	5602	166016	28.74	12770.46	2021
7	9/1/2021	4	3.03	17	5137	217815.6	38.82	12812.68	2021
7	9/1/2021	5	3.28	18	3997	230068	41.89	12781.56	2021
7	10/1/2021	0	0.14	1	6944	8218.33	1.18	8218.33	2021
7	10/1/2021	1	0.14	1	6843	8218.33	1.18	8218.33	2021
7	10/1/2021	2	0.6	4	6633	49284.47	7.37	12321.12	2021
7	10/1/2021	3	0.6	4	6329	49284.47	7.37	12321.12	2021
7	10/1/2021	4	0.6	4	5514	49284.47	7.37	12321.12	2021
8		0	0.13	2	14914	20618.66	1.38	10309.33	2021
8		1	0.82	12	14674	125054.7	8.5	10421.22	2021
8		2	2.16	31	14125	356141.1	24.86	11488.42	2021
8		3	3.72	52	13495	618791.9	44.32	11899.84	2021
8		4	4.84	66	12509	768628.9	56.3	11645.89	2021
8		5	5.4	71	8889	825801.4	62.73	11631.01	2021
8		6	5.86	73	4319	846974.7	67.64	11602.39	2021
8		7	5.86	73	3173	846974.7	67.64	11602.39	2021
8		8	5.86	73	1849	846974.7	67.64	11602.39	2021
8	5/1/2021	0	0	0	522	0	0	0	2021
8	5/1/2021	1	0	0	516	0	0	0	2021
8	5/1/2021	2	0	0	496	0	0	0	2021
8	5/1/2021	3	0	0	483	0	0	0	2021
8	5/1/2021	4	2.16	1	463	11530.45	24.9	11530.45	2021
8	5/1/2021	5	2.16	1	403	11530.45	24.9	11530.45	2021
8	5/1/2021	6	2.16	1	302	11530.45	24.9	11530.45	2021
8	5/1/2021	7	2.16	1	276	11530.45	24.9	11530.45	2021
8	5/1/2021	8	2.16	1	193	11530.45	24.9	11530.45	2021
8	6/1/2021	0	0.75	2	2676	20618.66	7.71	10309.33	2021
8	6/1/2021	1	2.63	7	2655	69390.73	26.07	9912.96	2021
8	6/1/2021	2	4.56	12	2596	121562.8	46.17	10130.23	2021

8	6/1/2021	3	5.73	15	2558	162517.1	62.18	10834.47	2021
8	6/1/2021	4	6.53	17	2505	179809.5	69.09	10577.03	2021
8	6/1/2021	5	7.79	20	2380	216145.5	84.35	10807.28	2021
8	6/1/2021	6	8.79	22	1991	237318.8	94.99	10787.22	2021
8	6/1/2021	7	8.79	22	1908	237318.8	94.99	10787.22	2021
8	6/1/2021	8	8.79	22	1656	237318.8	94.99	10787.22	2021
8	7/1/2021	0	0	0	3706	0	0	0	2021
8	7/1/2021	1	0	0	3620	0	0	0	2021
8	7/1/2021	2	1.17	4	3415	50151.38	14.69	12537.85	2021
8	7/1/2021	3	2.71	9	3239	106545.1	32.1	11838.34	2021
8	7/1/2021	4	5.05	16	2996	182576.1	57.47	11411.01	2021
8	7/1/2021	5	5.05	16	2360	182576.1	57.47	11411.01	2021
8	7/1/2021	6	5.05	16	1093	182576.1	57.47	11411.01	2021
8	7/1/2021	7	5.05	16	989	182576.1	57.47	11411.01	2021
8	8/1/2021	0	0	0	3261	0	0	0	2021
8	8/1/2021	1	0.32	1	3166	12302.18	3.89	12302.18	2021
8	8/1/2021	2	0.65	2	2965	27092.88	8.87	13546.44	2021
8	8/1/2021	3	2.16	6	2662	75658.42	27.12	12609.74	2021
8	8/1/2021	4	3.51	9	2209	108978.4	42.2	12108.71	2021
8	8/1/2021	5	3.51	9	1321	108978.4	42.2	12108.71	2021
8	8/1/2021	6	3.51	9	933	108978.4	42.2	12108.71	2021
8	9/1/2021	0	0	0	2912	0	0	0	2021
8	9/1/2021	1	1.04	3	2892	31258.84	10.81	10419.61	2021
8	9/1/2021	2	2.44	7	2850	74703.98	26.05	10672	2021
8	9/1/2021	3	4.24	12	2785	137482	48.59	11456.83	2021
8	9/1/2021	4	4.24	12	2638	137482	48.59	11456.83	2021
8	9/1/2021	5	5.06	14	2425	158318.5	57.19	11308.46	2021
8	10/1/2021	0	0	0	1837	0	0	0	2021
8	10/1/2021	1	0.55	1	1825	12102.92	6.63	12102.92	2021
8	10/1/2021	2	3.32	6	1803	82630.1	45.75	13771.68	2021
8	10/1/2021	3	5.58	10	1768	136589.4	76.27	13658.94	2021
8	10/1/2021	4	6.17	11	1698	148252.5	83.14	13477.5	2021
9		0	0.11	10	91410	105034.9	1.15	10503.49	2021
9		1	1.49	135	90663	1408821	15.53	10435.71	2021
9		2	3.09	277	88922	2953111	32.9	10661.05	2021
9		3	4.25	378	86678	4122686	46.39	10906.58	2021
9		4	5.11	448	81180	4894987	55.9	10926.31	2021
9		5	5.72	488	65945	5352918	62.85	10969.09	2021
9		6	6.03	503	48533	5521673	66.32	10977.48	2021
9		7	6.23	509	29523	5583580	68.42	10969.71	2021
9		8	6.4	512	17895	5610524	69.93	10958.05	2021
9		9	6.4	512	6125	5610524	69.93	10958.05	2021
9	5/1/2021	0	0.11	1	8746	8406.36	0.96	8406.36	2021
9	5/1/2021	1	1.03	9	8726	101128.2	11.59	11236.46	2021
9	5/1/2021	2	1.61	14	8694	149860.8	17.19	10704.35	2021
9	5/1/2021	3	2.07	18	8653	189720.1	21.8	10540	2021
9	5/1/2021	4	2.53	22	8591	235521.9	27.13	10705.54	2021
9	5/1/2021	5	3.01	26	8441	274112.7	31.7	10542.8	2021
9	5/1/2021	6	3.01	26	8162	274112.7	31.7	10542.8	2021
9	5/1/2021	7	3.01	26	7878	274112.7	31.7	10542.8	2021
9	5/1/2021	8	3.28	28	7367	293289.8	34.31	10474.63	2021
9	5/1/2021	9	3.28	28	6125	293289.8	34.31	10474.63	2021
9	6/1/2021	0	0.36	6	16760	63310.5	3.78	10551.75	2021
9	6/1/2021	1	2.63	44	16707	437703.1	26.19	9947.8	2021

9	6/1/2021	2	4.68	78	16602	768850.2	46.13	9857.05	2021
9	6/1/2021	3	5.77	96	16501	965514.1	58.05	10057.44	2021
9	6/1/2021	4	6.88	114	16290	1152435	69.53	10109.08	2021
9	6/1/2021	5	7.44	123	15919	1250409	75.68	10165.92	2021
9	6/1/2021	6	7.91	130	15008	1323579	80.56	10181.37	2021
9	6/1/2021	7	8.2	134	13768	1364863	83.55	10185.54	2021
9	6/1/2021	8	8.29	135	10528	1372629	84.29	10167.62	2021
9	7/1/2021	0	0.07	1	13426	13844.6	1.03	13844.6	2021
9	7/1/2021	1	1.2	16	13307	156848.3	11.78	9803.02	2021
9	7/1/2021	2	2.81	37	13041	378091.4	28.74	10218.69	2021
9	7/1/2021	3	4.3	56	12794	592069.1	45.47	10572.66	2021
9	7/1/2021	4	5.99	77	12407	817897.6	63.67	10622.05	2021
9	7/1/2021	5	6.51	83	11517	903715.1	71.12	10888.13	2021
9	7/1/2021	6	6.93	87	9612	953938.3	76.35	10964.81	2021
9	7/1/2021	7	7.18	89	7877	974561.7	78.96	10950.13	2021
9	8/1/2021	0	0.04	1	25601	11255.09	0.44	11255.09	2021
9	8/1/2021	1	2.05	52	25361	554615.2	21.86	10665.68	2021
9	8/1/2021	2	4.52	113	24738	1234267	49.34	10922.72	2021
9	8/1/2021	3	6.15	152	23885	1687125	68.3	11099.5	2021
9	8/1/2021	4	7	171	22206	1907767	78.23	11156.53	2021
9	8/1/2021	5	7.92	189	19762	2110227	88.48	11165.22	2021
9	8/1/2021	6	8.17	193	15751	2155589	91.36	11168.85	2021
9	9/1/2021	0	0	0	14981	0	0	0	2021
9	9/1/2021	1	0.74	11	14846	125783.2	8.47	11434.84	2021
9	9/1/2021	2	1.64	24	14509	277705.9	18.94	11571.08	2021
9	9/1/2021	3	2.85	41	14040	489962.8	34.06	11950.31	2021
9	9/1/2021	4	3.41	48	12521	571406.8	40.57	11904.31	2021
9	9/1/2021	5	3.7	51	10306	604495.7	43.78	11852.86	2021
9	10/1/2021	0	0.08	1	11896	8218.33	0.69	8218.33	2021
9	10/1/2021	1	0.25	3	11716	32742.86	2.78	10914.29	2021
9	10/1/2021	2	0.96	11	11338	144336.2	12.63	13121.47	2021
9	10/1/2021	3	1.33	15	10805	198295.5	17.62	13219.7	2021
9	10/1/2021	4	1.44	16	9165	209958.6	18.89	13122.41	2021

Engine [EN]

Sum of REPAIRS



Years2 TR_PROD_N_DT

Sum of REPAIRS		Column Labels			2021 Total	Grand Total
Row Labels	2021	3	6	9	2023	2023
2-Jan	0	0	2	2	2	2
4-Jan	4	10	14	28	28	28
5-Jan	8	12	12	32	32	32
6-Jan	10	10	10	30	30	30
7-Jan	8	12	16	36	36	36
8-Jan	0	0	2	2	2	2
10-Jan	0	0	0	0	0	0
11-Jan	4	4	4	12	12	12
12-Jan	0	0	0	0	0	0
13-Jan	6	8	14	28	28	28
14-Jan	8	12	12	32	32	32
15-Jan	4	6	6	16	16	16
19-Jan	6	12	12	30	30	30
20-Jan	4	4	4	12	12	12
21-Jan	6	6	10	22	22	22
22-Jan	12	12	12	36	36	36
23-Jan	0	0	0	0	0	0
24-Jan	0	0	0	0	0	0
25-Jan	4	4	4	12	12	12
26-Jan	6	8	8	22	22	22
27-Jan	0	2	2	4	4	4
28-Jan	10	12	16	38	38	38
29-Jan	2	4	6	12	12	12
30-Jan	0	0	0	0	0	0
31-Jan	0	0	0	0	0	0
1-Feb	2	2	4	8	8	8
2-Feb	4	4	4	12	12	12
3-Feb	6	6	6	18	18	18
4-Feb	12	14	16	42	42	42
5-Feb	2	2	2	6	6	6
6-Feb	0	0	0	0	0	0
8-Feb	0	0	0	0	0	0
9-Feb	4	4	4	12	12	12
10-Feb	0	2	2	4	4	4
11-Feb	2	4	4	10	10	10
12-Feb	0	0	0	0	0	0
13-Feb	0	0	0	0	0	0
14-Feb	0	0	0	0	0	0
15-Feb	10	10	12	32	32	32
16-Feb	0	4	4	8	8	8
17-Feb	2	6	8	16	16	16
18-Feb	2	4	4	10	10	10
19-Feb	2	2	2	6	6	6
20-Feb	2	1	1	4	4	4
22-Feb	0	2	2	4	4	4
23-Feb	4	4	4	12	12	12
24-Feb	0	0	2	2	2	2
25-Feb	0	2	2	4	4	4
26-Feb	2	2	2	6	6	6

27-Feb	0	0	0	0	0
1-Mar	0	0	0	0	0
2-Mar	2	2	2	6	6
3-Mar	0	0	0	0	0
4-Mar	2	4	4	10	10
5-Mar	0	0	0	0	0
6-Mar	0	0	0	0	0
8-Mar	0	0	0	0	0
9-Mar	2	2	4	8	8
10-Mar	0	0	0	0	0
11-Mar	0	2	2	4	4
12-Mar	2	2	2	6	6
15-Mar	4	6	6	16	16
16-Mar	6	8	10	24	24
17-Mar	2	2	2	6	6
18-Mar	0	0	0	0	0
19-Mar	2	4	4	10	10
20-Mar	0	0		0	0
21-Mar	0	0	0	0	0
22-Mar	2	8	6	16	16
23-Mar	0	2	2	4	4
24-Mar	0	2	2	4	4
25-Mar	0	6	4	10	10
26-Mar	0	0	1	1	1
27-Mar	0	0		0	0
28-Mar	0	0		0	0
29-Mar	0	0		0	0
30-Mar	6	6		12	12
31-Mar	4	4		8	8
1-Apr	2	2		4	4
6-Apr	2	2		4	4
7-Apr	10	12		22	22
8-Apr	4	4		8	8
9-Apr	0	0		0	0
11-Apr	0	0		0	0
12-Apr	2	2		4	4
13-Apr	4	4		8	8
14-Apr	2	2		4	4
15-Apr	8	10		18	18
16-Apr	2	2		4	4
17-Apr	0	0		0	0
18-Apr	0	0		0	0
19-Apr	4	4		8	8
20-Apr	2	2		4	4
21-Apr	12	13		25	25
22-Apr	2	2		4	4
23-Apr	6	8		14	14
24-Apr	0	0		0	0
26-Apr	0	0		0	0
3-May	12	11		23	23
4-May	4	8		12	12
5-May	12	15		27	27
6-May	2	8		10	10
7-May	32	35		67	67
8-May	0	0		0	0

10-May	22	20	42	42
11-May	22	20	42	42
12-May	24	25	49	49
13-May	30	34	64	64
14-May	6	9	15	15
15-May	0	0	0	0
17-May	6	4	10	10
18-May	0	0	0	0
19-May	0	2	2	2
20-May	2	3	5	5
21-May	0	0	0	0
1-Jun	6	10	16	16
2-Jun	2	1	3	3
3-Jun	8	10	18	18
4-Jun	0	0	0	0
6-Jun	0	0	0	0
7-Jun	8	14	22	22
8-Jun	8	8	16	16
9-Jun	12	18	30	30
10-Jun	14	16	30	30
11-Jun	6	5	11	11
14-Jun	12	12	24	24
15-Jun	20	20	40	40
16-Jun	4	6	10	10
17-Jun	18	19	37	37
18-Jun	8	10	18	18
19-Jun	0		0	0
20-Jun	0		0	0
21-Jun	4	2	6	6
22-Jun	12	6	18	18
23-Jun	10	13	23	23
24-Jun	8	7	15	15
25-Jun	4	3	7	7
28-Jun	18		18	18
29-Jun	8		8	8
30-Jun	8		8	8
1-Jul	18		18	18
2-Jul	26		26	26
6-Jul	8		8	8
7-Jul	4		4	4
8-Jul	8		8	8
9-Jul	4		4	4
11-Jul	0		0	0
12-Jul	2		2	2
13-Jul	4		4	4
14-Jul	8		8	8
15-Jul	2		2	2
16-Jul	2		2	2
18-Jul	0		0	0
19-Jul	4		4	4
20-Jul	8		8	8
21-Jul	6		6	6
22-Jul	0		0	0
23-Jul	8		8	8
24-Jul	0		0	0

25-Jul	6	6	6
26-Jul	16	16	16
27-Jul	20	20	20
28-Jul	18	18	18
29-Jul	14	14	14
30-Jul	14	14	14
31-Jul	0	0	0
1-Aug	0	0	0
2-Aug	8	8	8
3-Aug	4	4	4
4-Aug	15	15	15
5-Aug	2	2	2
6-Aug	7	7	7
7-Aug	8	8	8
8-Aug	0	0	0
9-Aug	8	8	8
10-Aug	22	22	22
11-Aug	6	6	6
12-Aug	17	17	17
13-Aug	2	2	2
14-Aug	0	0	0
15-Aug	0	0	0
16-Aug	12	12	12
17-Aug	2	2	2
18-Aug	1	1	1
19-Aug	18	18	18
20-Aug	4	4	4
22-Aug	2	2	2
23-Aug	2	2	2
24-Aug	0	0	0
25-Aug	2	2	2
26-Aug	0	0	0
27-Aug	0	0	0
29-Aug	0	0	0
30-Aug	5	5	5
31-Aug	5	5	5
1-Sep	4	4	4
2-Sep	4	4	4
3-Sep	0	0	0
8-Sep	6	6	6
9-Sep	4	4	4
10-Sep	0	0	0
14-Sep	0	0	0
16-Sep	0	0	0
20-Sep	1	1	1
21-Sep	1	1	1
22-Sep	2	2	2
23-Sep	2	2	2
24-Sep	1	1	1
27-Sep	1	1	1
28-Sep	1	1	1
Grand Total	1005 716 302	2023	2023

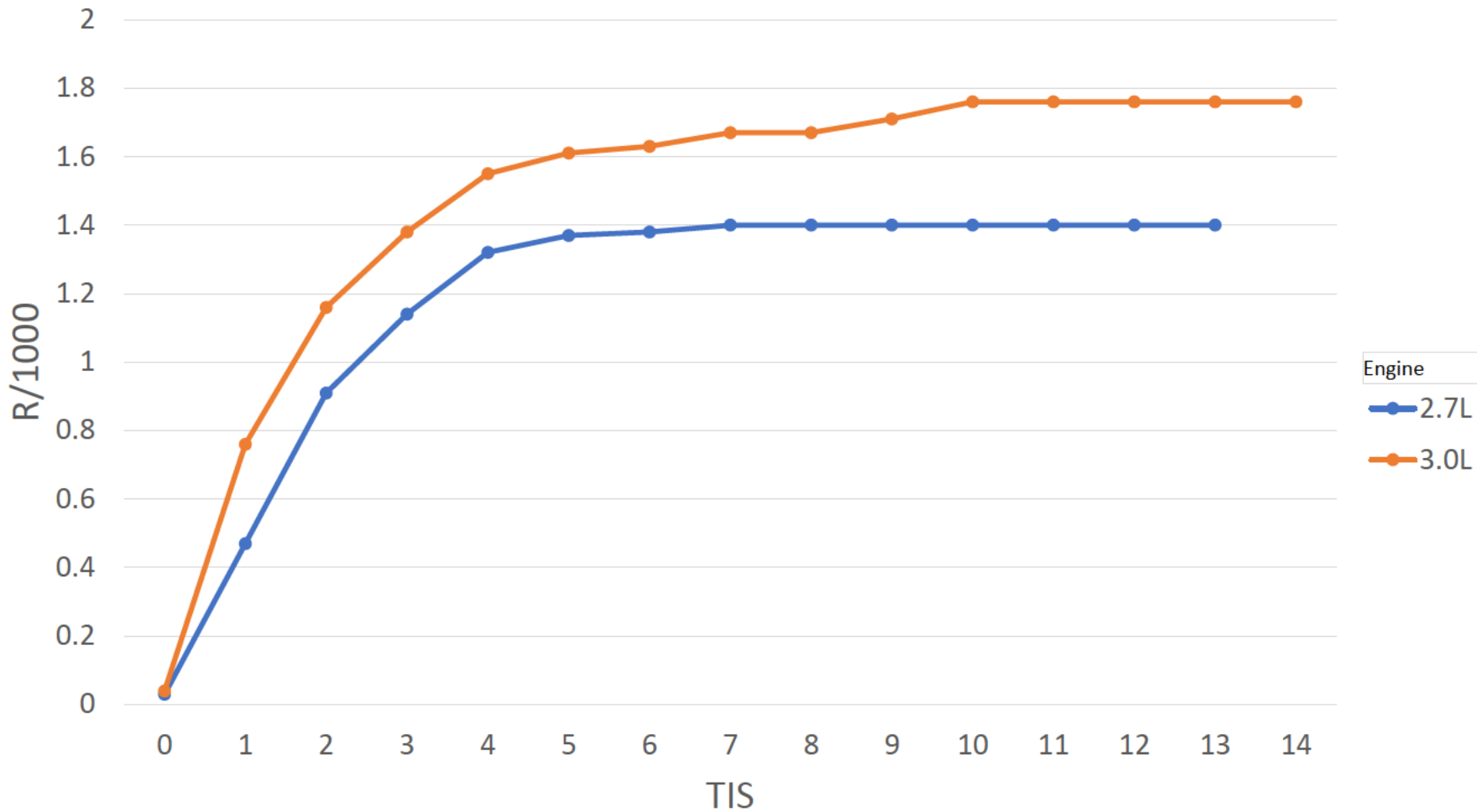
MATRIX_N	PROD_MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL YE	Engine [EN]	TR_PRODNT_DT	LOGIC
120		0	11.9	1	84	4400.03	52.38	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120		1	11.9	1	80	4400.03	52.38	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120		2	11.9	1	61	4400.03	52.38	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120		3	11.9	1	37	4400.03	52.38	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120		4	11.9	1	23	4400.03	52.38	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Aug-21	0	12.2	1	82	4400.03	53.66	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Aug-21	1	12.2	1	79	4400.03	53.66	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Aug-21	2	12.2	1	61	4400.03	53.66	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Aug-21	3	12.2	1	37	4400.03	53.66	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Aug-21	4	12.2	1	23	4400.03	53.66	4400.03	2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Sep-21	0	0		2		0		2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
120	1-Sep-21	1	0		1		0		2021 C/RBQ - 3.0L NANO-C	5-Aug-21	Corporate
314		0	0	0	84	0	0	0	2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314		1	0	0	82	0	0	0	2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314		2	0	0	81	0	0	0	2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314		3	0	0	64	0	0	0	2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314		4	0	0	57	0	0	0	2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Aug-21	0	0		67		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Aug-21	1	0		66		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Aug-21	2	0		65		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Aug-21	3	0		64		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Aug-21	4	0		57		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Oct-21	0	0		17		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Oct-21	1	0		16		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
314	1-Oct-21	2	0		16		0		2021 C/WQ - 2.7L DOHC 4\	5-Aug-21	Corporate
688		0	0	0	742	0	0	0	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688		1	2.72	2	734	18968.86	25.84	9484.43	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688		2	4.13	3	714	28158.65	38.71	9386.22	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688		3	8.58	6	673	53014.53	75.65	8835.75	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688		4	10.54	7	512	55728.12	80.95	7961.16	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Aug-21	0	0	0	638	0	0	0	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Aug-21	1	3.15	2	635	18968.86	29.87	9484.43	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Aug-21	2	4.75	3	624	28158.65	44.6	9386.22	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Aug-21	3	9.79	6	596	53014.53	86.3	8835.75	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Aug-21	4	11.74	7	512	55728.12	91.6	7961.16	2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Sep-21	0	0		104		0		2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Sep-21	1	0		99		0		2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Sep-21	2	0		90		0		2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate
688	1-Sep-21	3	0		77		0		2021 C/YX - 3.0L GTDI TC \	5-Aug-21	Corporate

1031		0	0	0	1382	0	0	0	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031		1	0	0	1353	0	0	0	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031		2	0.78	1	1278	12527.24	9.8	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031		3	0.78	1	968	12527.24	9.8	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031		4	0.78	1	680	12527.24	9.8	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Aug-21	0	0	0	963	0	0	0	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Aug-21	1	0	0	951	0	0	0	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Aug-21	2	1.09	1	919	12527.24	13.63	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Aug-21	3	1.09	1	859	12527.24	13.63	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Aug-21	4	1.09	1	680	12527.24	13.63	12527.24	2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Sep-21	0	0		155		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Sep-21	1	0		149		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Sep-21	2	0		142		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Sep-21	3	0		109		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Oct-21	0	0		264		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Oct-21	1	0		253		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate
1031	1-Oct-21	2	0		217		0		2021 T/WQ - 2.7L DOHC 4\	5-Aug-21 Corporate

PROD_MONTH

Sum of R1000

2021 MY Nano Broken Valve Engine Exchanges Confirmed & Suspect



TIS

Engine

2.7L

3.0L

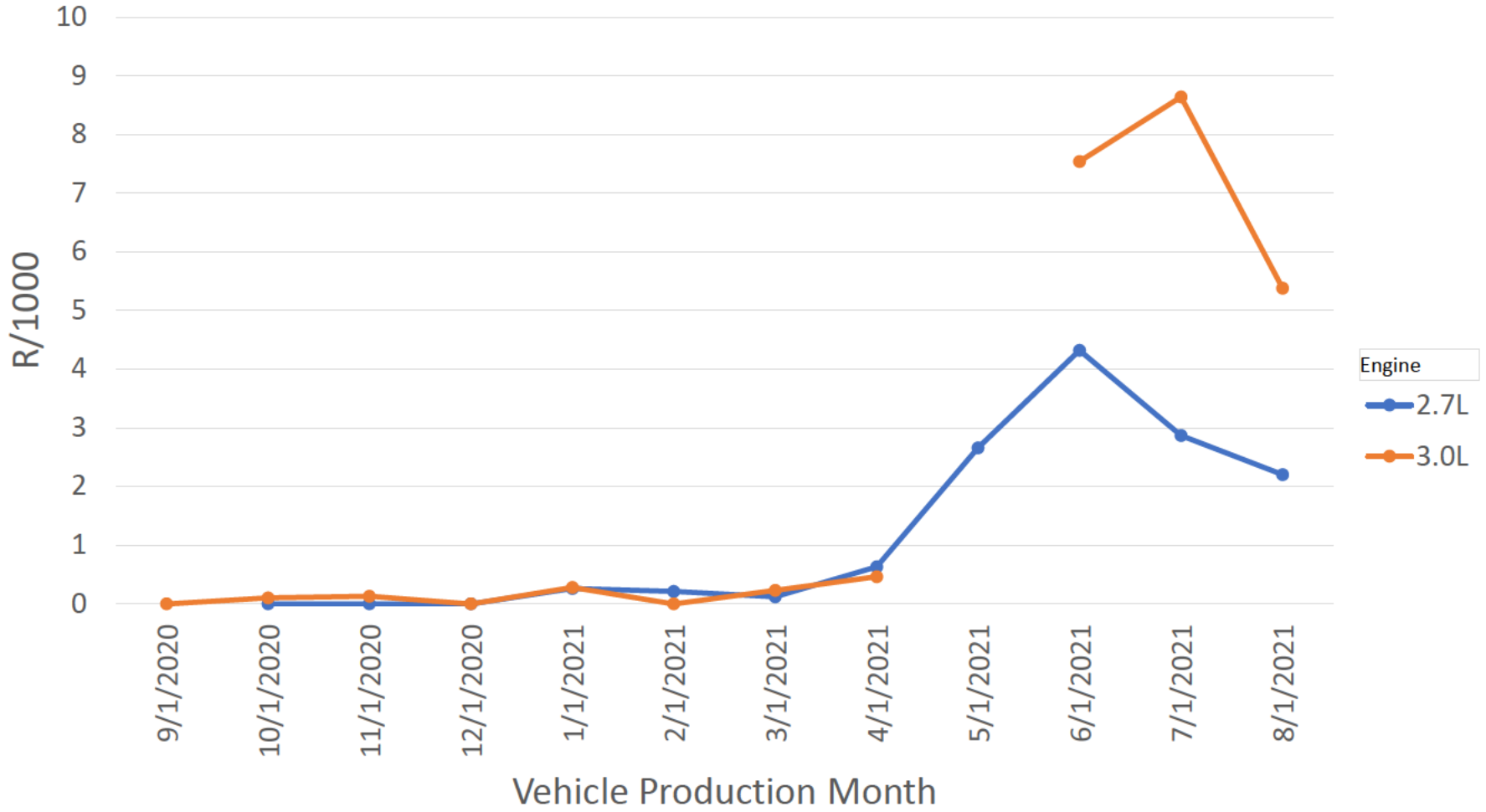
PROD_MONTH (blank)

Sum of R1000	Column Labels		
Row Labels	2.7L	3.0L	Grand Total
0	0.03	0.04	0.07
1	0.47	0.76	1.23
2	0.91	1.16	2.07
3	1.14	1.38	2.52
4	1.32	1.55	2.87
5	1.37	1.61	2.98
6	1.38	1.63	3.01
7	1.4	1.67	3.07
8	1.4	1.67	3.07
9	1.4	1.71	3.11
10	1.4	1.76	3.16
11	1.4	1.76	3.16
12	1.4	1.76	3.16
13	1.4	1.76	3.16
14		1.76	1.76
Grand Total	16.42	21.98	38.4

TIS

Sum of R1000

2021 MY Nano Broken Valve Engine Exchanges Confirmed & Suspect



PROD_MONTH

Sum of R1000	Column Labels		
Row Labels	2.7L	3.0L	Grand Total
9/1/2020		0	0
10/1/2020	0	0.1	0.1
11/1/2020	0	0.13	0.13
12/1/2020	0	0	0
1/1/2021	0.26	0.28	0.54
2/1/2021	0.21	0	0.21
3/1/2021	0.12	0.23	0.35
4/1/2021	0.63	0.46	1.09
5/1/2021	2.66		2.66
6/1/2021	4.32	7.54	11.86
7/1/2021	2.87	8.64	11.51
8/1/2021	2.2	5.38	7.58
Grand Total	13.27	22.76	36.03

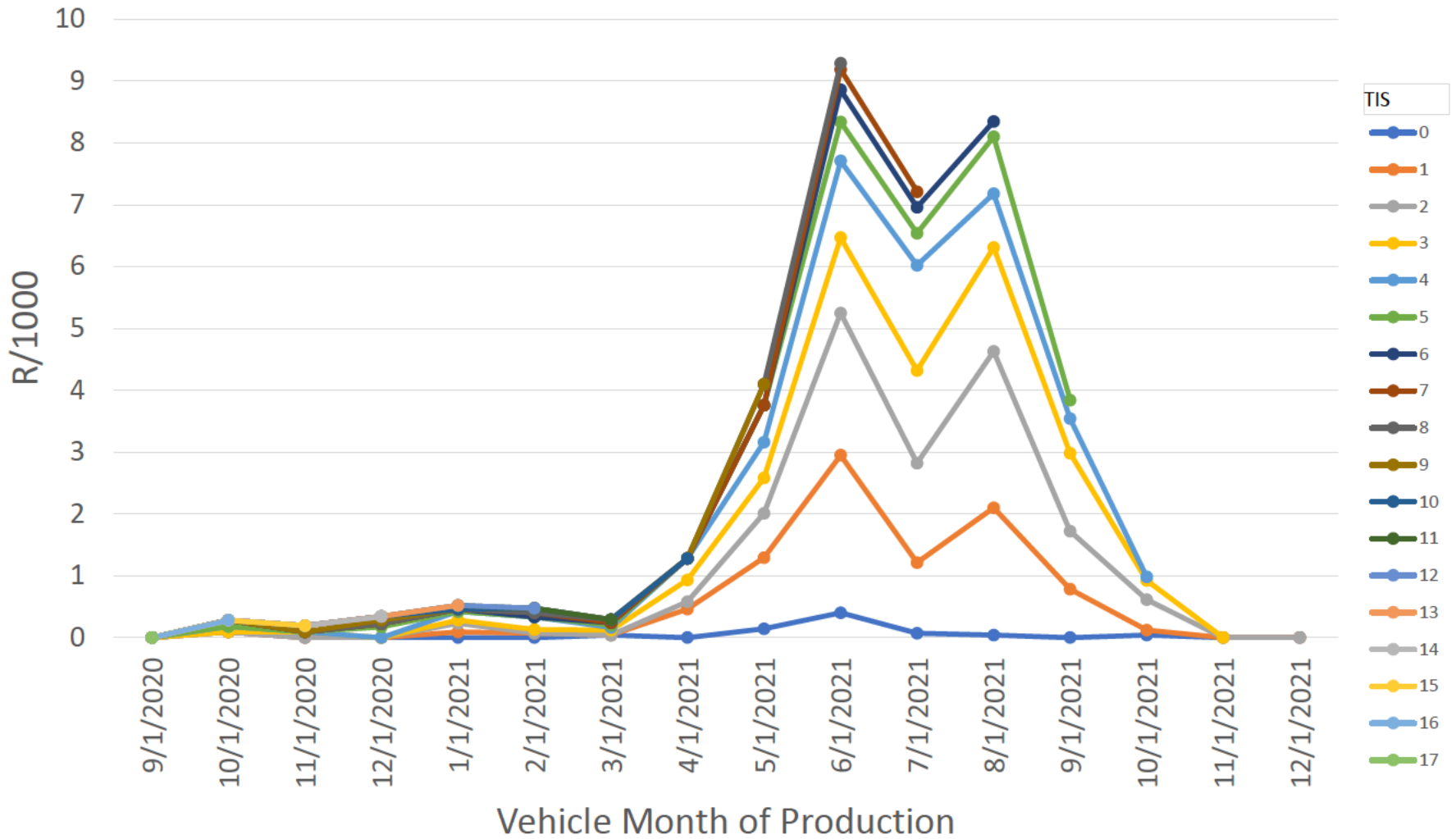
MATRIX_N	PROD_MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL	YE	LOGIC	Engine
1		0	0.03	5	152231	50018.34	0.33	10003.67	2021	Corporate	2.7L
1		1	0.47	63	133947	684076	5.06	10858.35	2021	Corporate	2.7L
1		2	0.91	113	113006	1231736	9.91	10900.31	2021	Corporate	2.7L
1		3	1.14	136	98444	1495831	12.59	10998.76	2021	Corporate	2.7L
1		4	1.32	151	82731	1649658	14.45	10924.89	2021	Corporate	2.7L
1		5	1.37	154	70810	1681619	14.9	10919.6	2021	Corporate	2.7L
1		6	1.38	155	61127	1690429	15.05	10905.99	2021	Corporate	2.7L
1		7	1.4	156	52806	1700440	15.24	10900.25	2021	Corporate	2.7L
1		8	1.4	156	44182	1700440	15.24	10900.25	2021	Corporate	2.7L
1		9	1.4	156	29200	1700440	15.24	10900.25	2021	Corporate	2.7L
1		10	1.4	156	17037	1700440	15.24	10900.25	2021	Corporate	2.7L
1		11	1.4	156	7343	1700440	15.24	10900.25	2021	Corporate	2.7L
1		12	1.4	156	1308	1700440	15.24	10900.25	2021	Corporate	2.7L
1		13	1.4	156	159	1700440	15.24	10900.25	2021	Corporate	2.7L
1	10/1/2020	0	0	0	2659	0	0	0	2021	Corporate	2.7L
1	10/1/2020	1	0	0	2659	0	0	0	2021	Corporate	2.7L
1	10/1/2020	2	0	0	2655	0	0	0	2021	Corporate	2.7L
1	10/1/2020	3	0	0	2652	0	0	0	2021	Corporate	2.7L
1	10/1/2020	4	0	0	2646	0	0	0	2021	Corporate	2.7L
1	10/1/2020	5	0	0	2633	0	0	0	2021	Corporate	2.7L
1	10/1/2020	6	0	0	2612	0	0	0	2021	Corporate	2.7L
1	10/1/2020	7	0	0	2563	0	0	0	2021	Corporate	2.7L
1	10/1/2020	8	0	0	2442	0	0	0	2021	Corporate	2.7L
1	10/1/2020	9	0	0	2221	0	0	0	2021	Corporate	2.7L
1	10/1/2020	10	0	0	1849	0	0	0	2021	Corporate	2.7L
1	10/1/2020	11	0	0	1364	0	0	0	2021	Corporate	2.7L
1	10/1/2020	12	0	0	610	0	0	0	2021	Corporate	2.7L
1	11/1/2020	0	0	0	3937	0	0	0	2021	Corporate	2.7L
1	11/1/2020	1	0	0	3934	0	0	0	2021	Corporate	2.7L
1	11/1/2020	2	0	0	3928	0	0	0	2021	Corporate	2.7L
1	11/1/2020	3	0	0	3920	0	0	0	2021	Corporate	2.7L
1	11/1/2020	4	0	0	3895	0	0	0	2021	Corporate	2.7L
1	11/1/2020	5	0	0	3855	0	0	0	2021	Corporate	2.7L
1	11/1/2020	6	0	0	3790	0	0	0	2021	Corporate	2.7L
1	11/1/2020	7	0	0	3677	0	0	0	2021	Corporate	2.7L
1	11/1/2020	8	0	0	3441	0	0	0	2021	Corporate	2.7L
1	11/1/2020	9	0	0	3083	0	0	0	2021	Corporate	2.7L
1	11/1/2020	10	0	0	2485	0	0	0	2021	Corporate	2.7L
1	11/1/2020	11	0	0	1717	0	0	0	2021	Corporate	2.7L
1	11/1/2020	12	0	0	611	0	0	0	2021	Corporate	2.7L
1	12/1/2020	0	0	0	11341	0	0	0	2021	Corporate	2.7L
1	12/1/2020	1	0	0	11335	0	0	0	2021	Corporate	2.7L
1	12/1/2020	2	0	0	11319	0	0	0	2021	Corporate	2.7L
1	12/1/2020	3	0	0	11285	0	0	0	2021	Corporate	2.7L
1	12/1/2020	4	0	0	11206	0	0	0	2021	Corporate	2.7L
1	12/1/2020	5	0	0	11105	0	0	0	2021	Corporate	2.7L
1	12/1/2020	6	0.09	1	10928	8810.14	0.81	8810.14	2021	Corporate	2.7L
1	12/1/2020	7	0.19	2	10553	18820.79	1.75	9410.4	2021	Corporate	2.7L
1	12/1/2020	8	0.19	2	9766	18820.79	1.75	9410.4	2021	Corporate	2.7L
1	12/1/2020	9	0.19	2	8566	18820.79	1.75	9410.4	2021	Corporate	2.7L
1	12/1/2020	10	0.19	2	6462	18820.79	1.75	9410.4	2021	Corporate	2.7L
1	12/1/2020	11	0.19	2	4174	18820.79	1.75	9410.4	2021	Corporate	2.7L
1	1/1/2021	0	0	0	15227	0	0	0	2021	Corporate	2.7L
1	1/1/2021	1	0.07	1	15208	12273	0.81	12273	2021	Corporate	2.7L
1	1/1/2021	2	0.2	3	15179	35486.1	2.34	11828.7	2021	Corporate	2.7L
1	1/1/2021	3	0.26	4	15134	49258.05	3.25	12314.51	2021	Corporate	2.7L
1	1/1/2021	4	0.33	5	15034	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	5	0.33	5	14886	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	6	0.33	5	14558	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	7	0.33	5	13877	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	8	0.33	5	12470	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	9	0.33	5	10016	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	1/1/2021	10	0.33	5	6153	63112.14	4.17	12622.43	2021	Corporate	2.7L
1	2/1/2021	0	0	0	9801	0	0	0	2021	Corporate	2.7L
1	2/1/2021	1	0.1	1	9791	7523.47	0.77	7523.47	2021	Corporate	2.7L
1	2/1/2021	2	0.1	1	9752	7523.47	0.77	7523.47	2021	Corporate	2.7L
1	2/1/2021	3	0.21	2	9709	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	4	0.21	2	9630	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	5	0.21	2	9489	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	6	0.21	2	9256	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	7	0.21	2	8750	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	8	0.21	2	7622	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	2/1/2021	9	0.21	2	5226	21909.6	2.25	10954.8	2021	Corporate	2.7L
1	3/1/2021	0	0.06	1	16767	15077.62	0.9	15077.62	2021	Corporate	2.7L
1	3/1/2021	1	0.06	1	16563	15077.62	0.9	15077.62	2021	Corporate	2.7L
1	3/1/2021	2	0.12	2	16244	28012.02	1.7	14006.01	2021	Corporate	2.7L
1	3/1/2021	3	0.12	2	15605	28012.02	1.7	14006.01	2021	Corporate	2.7L
1	3/1/2021	4	0.19	3	14548	41268.31	2.61	13756.1	2021	Corporate	2.7L
1	3/1/2021	5	0.19	3	13645	41268.31	2.61	13756.1	2021	Corporate	2.7L
1	3/1/2021	6	0.19	3	12591	41268.31	2.61	13756.1	2021	Corporate	2.7L
1	3/1/2021	7	0.19	3	11271	41268.31	2.61	13756.1	2021	Corporate	2.7L
1	3/1/2021	8	0.19	3	8353	41268.31	2.61	13756.1	2021	Corporate	2.7L
1	4/1/2021	0	0	0	6532	0	0	0	2021	Corporate	2.7L
1	4/1/2021	1	0.63	4	6372	45960.24	7.21	11490.06	2021	Corporate	2.7L
1	4/1/2021	2	0.63	4	6092	45960.24	7.21	11490.06	2021	Corporate	2.7L
1	4/1/2021	3	0.63	4	5241	45960.24	7.21	11490.06	2021	Corporate	2.7L
1	4/1/2021	4	1.08	6	4387	65652.28	11.7	10942.05	2021	Corporate	2.7L
1	4/1/2021	5	1.08	6	3335	65652.28	11.7	10942.05	2021	Corporate	2.7L
1	4/1/2021	6	1.08	6	2544	65652.28	11.7	10942.05	2021	Corporate	2.7L
1	4/1/2021	7	1.08	6	2027	65652.28	11.7	10942.05	2021	Corporate	2.7L
1	5/1/2021	0	0.14	1	6938	8406.36	1.21	8406.36	2021	Corporate	2.7L
1	5/1/2021	1	1.3	9	6894	99979.38	14.49	11108.82	2021	Corporate	2.7L
1	5/1/2021	2	2.04	14	6762	148340.1	21.65	10595.72	2021	Corporate	2.7L

1	5/1/2021	3	2.66	18	6507	192279	28.4	10682.17	2021	Corporate	2.7L
1	5/1/2021	4	3.14	21	6250	226550.4	33.88	10788.11	2021	Corporate	2.7L
1	5/1/2021	5	3.48	23	5799	244011.5	36.89	10609.2	2021	Corporate	2.7L
1	5/1/2021	6	3.48	23	4760	244011.5	36.89	10609.2	2021	Corporate	2.7L
1	6/1/2021	0	0.21	2	9379	18316.03	1.95	9158.02	2021	Corporate	2.7L
1	6/1/2021	1	1.62	15	9272	163848.4	17.65	10923.23	2021	Corporate	2.7L
1	6/1/2021	2	3.49	32	9059	349360.8	38.13	10917.52	2021	Corporate	2.7L
1	6/1/2021	3	4.32	39	8413	428592.1	47.54	10989.54	2021	Corporate	2.7L
1	6/1/2021	4	4.71	42	7817	454766.1	50.89	10827.76	2021	Corporate	2.7L
1	6/1/2021	5	4.88	43	5975	469265.5	53.32	10913.15	2021	Corporate	2.7L
1	7/1/2021	0	0	0	11930	0	0	0	2021	Corporate	2.7L
1	7/1/2021	1	0.78	9	11595	90394.99	7.8	10043.89	2021	Corporate	2.7L
1	7/1/2021	2	2.08	23	10725	239496.2	21.7	10412.88	2021	Corporate	2.7L
1	7/1/2021	3	2.87	30	8863	311923.4	29.87	10397.45	2021	Corporate	2.7L
1	7/1/2021	4	3.56	35	7230	358503.3	36.31	10242.95	2021	Corporate	2.7L
1	8/1/2021	0	0	0	16896	0	0	0	2021	Corporate	2.7L
1	8/1/2021	1	1.21	19	15727	209897	13.35	11047.21	2021	Corporate	2.7L
1	8/1/2021	2	1.93	29	13887	325983	21.71	11240.79	2021	Corporate	2.7L
1	8/1/2021	3	2.2	32	11027	366322.6	25.36	11447.58	2021	Corporate	2.7L
1	9/1/2021	0	0	0	9526	0	0	0	2021	Corporate	2.7L
1	9/1/2021	1	0.34	3	8877	30903.54	3.48	10301.18	2021	Corporate	2.7L
1	9/1/2021	2	0.47	4	7316	43355.37	5.18	10838.84	2021	Corporate	2.7L
1	10/1/2021	0	0.05	1	18565	8218.33	0.44	8218.33	2021	Corporate	2.7L
1	10/1/2021	1	0.05	1	15632	8218.33	0.44	8218.33	2021	Corporate	2.7L
1	11/1/2021	0	0	0	12645	0	0	0	2021	Corporate	2.7L
1		0	0.04	3	72892	26512.03	0.36	8837.34	2021	Corporate	3.0L
1		1	0.76	53	69370	499108.3	7.18	9417.14	2021	Corporate	3.0L
1		2	1.16	79	64746	738044	10.87	9342.33	2021	Corporate	3.0L
1		3	1.38	92	59945	876287.2	13.17	9524.86	2021	Corporate	3.0L
1		4	1.55	101	54010	971730.5	14.94	9621.09	2021	Corporate	3.0L
1		5	1.61	104	51212	1000398	15.5	9619.21	2021	Corporate	3.0L
1		6	1.63	105	46268	1011412	15.74	9632.49	2021	Corporate	3.0L
1		7	1.67	107	43196	1034209	16.27	9665.5	2021	Corporate	3.0L
1		8	1.67	107	36351	1034209	16.27	9665.5	2021	Corporate	3.0L
1		9	1.71	108	26834	1043577	16.61	9662.75	2021	Corporate	3.0L
1		10	1.76	109	19877	1056098	17.24	9688.97	2021	Corporate	3.0L
1		11	1.76	109	13903	1056098	17.24	9688.97	2021	Corporate	3.0L
1		12	1.76	109	8186	1056098	17.24	9688.97	2021	Corporate	3.0L
1		13	1.76	109	3410	1056098	17.24	9688.97	2021	Corporate	3.0L
1		14	1.76	109	280	1056098	17.24	9688.97	2021	Corporate	3.0L
1	9/1/2020	0	0	0	779	0	0	0	2021	Corporate	3.0L
1	9/1/2020	1	0	0	778	0	0	0	2021	Corporate	3.0L
1	9/1/2020	2	0	0	775	0	0	0	2021	Corporate	3.0L
1	9/1/2020	3	0	0	775	0	0	0	2021	Corporate	3.0L
1	9/1/2020	4	0	0	772	0	0	0	2021	Corporate	3.0L
1	9/1/2020	5	0	0	768	0	0	0	2021	Corporate	3.0L
1	9/1/2020	6	0	0	760	0	0	0	2021	Corporate	3.0L
1	9/1/2020	7	0	0	743	0	0	0	2021	Corporate	3.0L
1	9/1/2020	8	0	0	718	0	0	0	2021	Corporate	3.0L
1	9/1/2020	9	0	0	682	0	0	0	2021	Corporate	3.0L
1	9/1/2020	10	0	0	638	0	0	0	2021	Corporate	3.0L
1	9/1/2020	11	0	0	579	0	0	0	2021	Corporate	3.0L
1	9/1/2020	12	0	0	517	0	0	0	2021	Corporate	3.0L
1	9/1/2020	13	0	0	396	0	0	0	2021	Corporate	3.0L
1	9/1/2020	14	0	0	243	0	0	0	2021	Corporate	3.0L
1	10/1/2020	0	0	0	9542	0	0	0	2021	Corporate	3.0L
1	10/1/2020	1	0.1	1	9526	9456.19	0.99	9456.19	2021	Corporate	3.0L
1	10/1/2020	2	0.1	1	9504	9456.19	0.99	9456.19	2021	Corporate	3.0L
1	10/1/2020	3	0.1	1	9464	9456.19	0.99	9456.19	2021	Corporate	3.0L
1	10/1/2020	4	0.21	2	9431	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	5	0.21	2	9355	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	6	0.21	2	9240	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	7	0.21	2	9015	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	8	0.21	2	8575	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	9	0.21	2	8021	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	10	0.21	2	7211	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	11	0.21	2	6121	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	12	0.21	2	4808	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	10/1/2020	13	0.21	2	2976	21724.34	2.29	10862.17	2021	Corporate	3.0L
1	11/1/2020	0	0	0	7730	0	0	0	2021	Corporate	3.0L
1	11/1/2020	1	0	0	7706	0	0	0	2021	Corporate	3.0L
1	11/1/2020	2	0	0	7679	0	0	0	2021	Corporate	3.0L
1	11/1/2020	3	0.13	1	7643	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	4	0.13	1	7587	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	5	0.13	1	7517	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	6	0.13	1	7385	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	7	0.13	1	7164	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	8	0.13	1	6761	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	9	0.13	1	6165	13838.27	1.81	13838.27	2021	Corporate	3.0L
1	11/1/2020	10	0.32	2	5328	26359.36	4.16	13179.68	2021	Corporate	3.0L
1	11/1/2020	11	0.32	2	4246	26359.36	4.16	13179.68	2021	Corporate	3.0L
1	11/1/2020	12	0.32	2	2823	26359.36	4.16	13179.68	2021	Corporate	3.0L
1	12/1/2020	0	0	0	7432	0	0	0	2021	Corporate	3.0L
1	12/1/2020	1	0	0	7415	0	0	0	2021	Corporate	3.0L
1	12/1/2020	2	0	0	7392	0	0	0	2021	Corporate	3.0L
1	12/1/2020	3	0	0	7353	0	0	0	2021	Corporate	3.0L
1	12/1/2020	4	0	0	7299	0	0	0	2021	Corporate	3.0L
1	12/1/2020	5	0.28	2	7233	21423.1	2.96	10711.55	2021	Corporate	3.0L
1	12/1/2020	6	0.28	2	7120	21423.1	2.96	10711.55	2021	Corporate	3.0L
1	12/1/2020	7	0.28	2	6819	21423.1	2.96	10711.55	2021	Corporate	3.0L
1	12/1/2020	8	0.28	2	6237	21423.1	2.96	10711.55	2021	Corporate	3.0L
1	12/1/2020	9	0.46	3	5465	30791.31	4.68	10263.77	2021	Corporate	3.0L
1	12/1/2020	10	0.46	3	4334	30791.31	4.68	10263.77	2021	Corporate	3.0L
1	12/1/2020	11	0.46	3	2919	30791.31	4.68	10263.77	2021	Corporate	3.0L

1	1/1/2021	0	0	0	7145	0	0	0	2021 Corporate	3.0L
1	1/1/2021	1	0.14	1	7111	12820.02	1.8	12820.02	2021 Corporate	3.0L
1	1/1/2021	2	0.28	2	7064	25687.43	3.62	12843.72	2021 Corporate	3.0L
1	1/1/2021	3	0.28	2	7012	25687.43	3.62	12843.72	2021 Corporate	3.0L
1	1/1/2021	4	0.57	4	6922	48249.85	6.88	12062.46	2021 Corporate	3.0L
1	1/1/2021	5	0.57	4	6803	48249.85	6.88	12062.46	2021 Corporate	3.0L
1	1/1/2021	6	0.57	4	6576	48249.85	6.88	12062.46	2021 Corporate	3.0L
1	1/1/2021	7	0.74	5	6057	63863.33	9.46	12772.67	2021 Corporate	3.0L
1	1/1/2021	8	0.74	5	5266	63863.33	9.46	12772.67	2021 Corporate	3.0L
1	1/1/2021	9	0.74	5	4051	63863.33	9.46	12772.67	2021 Corporate	3.0L
1	1/1/2021	10	0.74	5	2328	63863.33	9.46	12772.67	2021 Corporate	3.0L
1	2/1/2021	0	0	0	6034	0	0	0	2021 Corporate	3.0L
1	2/1/2021	1	0	0	6005	0	0	0	2021 Corporate	3.0L
1	2/1/2021	2	0	0	5959	0	0	0	2021 Corporate	3.0L
1	2/1/2021	3	0	0	5901	0	0	0	2021 Corporate	3.0L
1	2/1/2021	4	0.34	2	5799	19107.83	3.3	9553.92	2021 Corporate	3.0L
1	2/1/2021	5	0.34	2	5646	19107.83	3.3	9553.92	2021 Corporate	3.0L
1	2/1/2021	6	0.34	2	5369	19107.83	3.3	9553.92	2021 Corporate	3.0L
1	2/1/2021	7	0.55	3	4762	26291.38	4.8	8763.79	2021 Corporate	3.0L
1	2/1/2021	8	0.55	3	3811	26291.38	4.8	8763.79	2021 Corporate	3.0L
1	2/1/2021	9	0.55	3	2412	26291.38	4.8	8763.79	2021 Corporate	3.0L
1	3/1/2021	0	0	0	9055	0	0	0	2021 Corporate	3.0L
1	3/1/2021	1	0	0	8992	0	0	0	2021 Corporate	3.0L
1	3/1/2021	2	0	0	8915	0	0	0	2021 Corporate	3.0L
1	3/1/2021	3	0.23	2	8813	24736.54	2.81	12368.27	2021 Corporate	3.0L
1	3/1/2021	4	0.23	2	8653	24736.54	2.81	12368.27	2021 Corporate	3.0L
1	3/1/2021	5	0.35	3	8363	31980.74	3.67	10660.25	2021 Corporate	3.0L
1	3/1/2021	6	0.47	4	7855	42994.54	5.08	10748.64	2021 Corporate	3.0L
1	3/1/2021	7	0.47	4	6971	42994.54	5.08	10748.64	2021 Corporate	3.0L
1	3/1/2021	8	0.47	4	4945	42994.54	5.08	10748.64	2021 Corporate	3.0L
1	4/1/2021	0	0	0	2206	0	0	0	2021 Corporate	3.0L
1	4/1/2021	1	0	0	2198	0	0	0	2021 Corporate	3.0L
1	4/1/2021	2	0	0	2178	0	0	0	2021 Corporate	3.0L
1	4/1/2021	3	0.46	1	2159	12484.87	5.78	12484.87	2021 Corporate	3.0L
1	4/1/2021	4	0.46	1	2126	12484.87	5.78	12484.87	2021 Corporate	3.0L
1	4/1/2021	5	0.46	1	2055	12484.87	5.78	12484.87	2021 Corporate	3.0L
1	4/1/2021	6	0.46	1	1925	12484.87	5.78	12484.87	2021 Corporate	3.0L
1	4/1/2021	7	0.46	1	1627	12484.87	5.78	12484.87	2021 Corporate	3.0L
1	6/1/2021	0	0.35	2	5726	18760.61	3.28	9380.31	2021 Corporate	3.0L
1	6/1/2021	1	4.6	26	5650	241530.7	42.7	9289.64	2021 Corporate	3.0L
1	6/1/2021	2	6.41	36	5520	319291.8	56.79	8869.22	2021 Corporate	3.0L
1	6/1/2021	3	7.54	42	5287	375442.6	67.41	8939.11	2021 Corporate	3.0L
1	6/1/2021	4	8.39	46	4718	416947.5	76.21	9064.08	2021 Corporate	3.0L
1	6/1/2021	5	8.39	46	3434	416947.5	76.21	9064.08	2021 Corporate	3.0L
1	7/1/2021	0	0	0	839	0	0	0	2021 Corporate	3.0L
1	7/1/2021	1	3.63	3	827	23439.68	28.34	7813.23	2021 Corporate	3.0L
1	7/1/2021	2	7.34	6	809	50622.88	61.94	8437.15	2021 Corporate	3.0L
1	7/1/2021	3	8.64	7	765	64396.71	79.95	9199.53	2021 Corporate	3.0L
1	7/1/2021	4	8.64	7	665	64396.71	79.95	9199.53	2021 Corporate	3.0L
1	8/1/2021	0	0.15	1	6780	7751.42	1.14	7751.42	2021 Corporate	3.0L
1	8/1/2021	1	2.92	19	6486	183030.7	28.17	9633.19	2021 Corporate	3.0L
1	8/1/2021	2	4.96	31	5883	304154.7	48.76	9811.44	2021 Corporate	3.0L
1	8/1/2021	3	5.38	33	4735	321413.6	52.4	9739.81	2021 Corporate	3.0L
1	9/1/2021	0	0	0	4443	0	0	0	2021 Corporate	3.0L
1	9/1/2021	1	0.81	3	3687	28831	7.82	9610.33	2021 Corporate	3.0L
1	9/1/2021	2	0.81	3	3030	28831	7.82	9610.33	2021 Corporate	3.0L
1	10/1/2021	0	0	0	4147	0	0	0	2021 Corporate	3.0L
1	10/1/2021	1	0	0	2951	0	0	0	2021 Corporate	3.0L
1	11/1/2021	0	0	0	996	0	0	0	2021 Corporate	3.0L

Sum of R1000

2021 MY Nano Broken Valve Engine Exchanges Logic: Corporate, GSAR Cutoff: 3/31/22



PROD_MONTH

Sum of R1000	Column Labels																	Grand Total	
Row Labels	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Grand Total
9/1/2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2020	0.09	0.09	0.09	0.09	0.18	0.18	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	3.8
11/1/2020	0	0	0	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.19	0.19	0.19	0.19	0.19	0.19			1.77
12/1/2020	0	0	0	0	0	0.17	0.22	0.22	0.22	0.28	0.34	0.34	0.34	0.34	0.34				2.81
1/1/2021	0	0.09	0.23	0.28	0.42	0.42	0.46	0.46	0.46	0.46	0.46	0.52	0.52	0.52					5.3
2/1/2021	0	0.07	0.07	0.13	0.33	0.33	0.33	0.4	0.4	0.47	0.47	0.47	0.47						3.94
3/1/2021	0.04	0.04	0.04	0.12	0.16	0.2	0.24	0.24	0.29	0.29	0.29	0.29							2.24
4/1/2021	0	0.46	0.58	0.93	1.28	1.28	1.28	1.28	1.28	1.28	1.28								10.93
5/1/2021	0.14	1.29	2.01	2.58	3.16	3.76	3.76	3.76	4.1	4.1									28.66
6/1/2021	0.4	2.95	5.25	6.47	7.71	8.34	8.86	9.19	9.29										58.46
7/1/2021	0.07	1.21	2.82	4.32	6.02	6.54	6.96	7.21											35.15
8/1/2021	0.04	2.1	4.63	6.31	7.18	8.1	8.35												36.71
9/1/2021	0	0.78	1.72	2.98	3.54	3.84													12.86
10/1/2021	0.04	0.12	0.61	0.92	0.98														2.67
11/1/2021	0	0	0	0															0
12/1/2021	0	0	0																0
Grand Total	0.82	9.2	18.05	25.22	31.05	33.25	30.83	23.13	16.41	7.25	3.31	2.09	1.8	1.33	0.81	0.47	0.28	0	205.3

Report Info Status=Fin Request N: Descriptor Run Date / Completion Job Size=2 Execution `Precalc Prt Cut Off Dai Load Date- Currency E Generated
 Data Selec Model Yea Cost Categ Region Bui Engine [EN Claim Key[Typed] = [768741],[557424],[440544],[453300],[496232],[680062],[585217],[132:
 Report Sel Report Nar Destination CSV Name Model Yea Order By = TIS Rows † YTD Colun Minimum † Logic = Co Cost Type Use Group Currency =
 Minimum Divisor Selected:100

MATRIX_N	PROD_MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL	YE	LOGIC
1		0	0.05	12	239042	130356.1	0.55	10863.01	2021	Corporate
1		1	0.61	144	236905	1513599	6.38	10511.1	2021	Corporate
1		2	1.26	294	230878	3150624	13.47	10716.41	2021	Corporate
1		3	1.77	406	218580	4459112	19.46	10983.03	2021	Corporate
1		4	2.18	487	196578	5352569	24.01	10990.9	2021	Corporate
1		5	2.44	531	171528	5846642	26.89	11010.63	2021	Corporate
1		6	2.56	550	152586	6057253	28.27	11013.19	2021	Corporate
1		7	2.62	557	131421	6126344	28.79	10998.82	2021	Corporate
1		8	2.65	561	117165	6167004	29.14	10992.88	2021	Corporate
1		9	2.67	563	103224	6192150	29.38	10998.49	2021	Corporate
1		10	2.69	565	92573	6218606	29.67	11006.38	2021	Corporate
1		11	2.7	566	77894	6226567	29.77	11001	2021	Corporate
1		12	2.7	566	54162	6226567	29.77	11001	2021	Corporate
1		13	2.7	566	35672	6226567	29.77	11001	2021	Corporate
1		14	2.7	566	20523	6226567	29.77	11001	2021	Corporate
1		15	2.7	566	9098	6226567	29.77	11001	2021	Corporate
1		16	2.7	566	3392	6226567	29.77	11001	2021	Corporate
1		17	2.7	566	313	6226567	29.77	11001	2021	Corporate
1	9/1/2020	0	0	0	671	0	0	0	2021	Corporate
1	9/1/2020	1	0	0	671	0	0	0	2021	Corporate
1	9/1/2020	2	0	0	671	0	0	0	2021	Corporate
1	9/1/2020	3	0	0	670	0	0	0	2021	Corporate
1	9/1/2020	4	0	0	669	0	0	0	2021	Corporate
1	9/1/2020	5	0	0	667	0	0	0	2021	Corporate
1	9/1/2020	6	0	0	667	0	0	0	2021	Corporate
1	9/1/2020	7	0	0	665	0	0	0	2021	Corporate
1	9/1/2020	8	0	0	661	0	0	0	2021	Corporate
1	9/1/2020	9	0	0	655	0	0	0	2021	Corporate
1	9/1/2020	10	0	0	643	0	0	0	2021	Corporate
1	9/1/2020	11	0	0	626	0	0	0	2021	Corporate
1	9/1/2020	12	0	0	603	0	0	0	2021	Corporate
1	9/1/2020	13	0	0	572	0	0	0	2021	Corporate
1	9/1/2020	14	0	0	524	0	0	0	2021	Corporate
1	9/1/2020	15	0	0	472	0	0	0	2021	Corporate
1	9/1/2020	16	0	0	371	0	0	0	2021	Corporate
1	9/1/2020	17	0	0	232	0	0	0	2021	Corporate
1	10/1/2020	0	0.09	1	10858	10243.61	0.94	10243.61	2021	Corporate
1	10/1/2020	1	0.09	1	10855	10243.61	0.94	10243.61	2021	Corporate
1	10/1/2020	2	0.09	1	10852	10243.61	0.94	10243.61	2021	Corporate
1	10/1/2020	3	0.09	1	10848	10243.61	0.94	10243.61	2021	Corporate
1	10/1/2020	4	0.18	2	10841	22511.76	2.08	11255.88	2021	Corporate
1	10/1/2020	5	0.18	2	10828	22511.76	2.08	11255.88	2021	Corporate
1	10/1/2020	6	0.28	3	10807	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	7	0.28	3	10787	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	8	0.28	3	10731	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	9	0.28	3	10622	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	10	0.28	3	10417	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	11	0.28	3	9956	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	12	0.28	3	9308	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	13	0.28	3	8349	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	14	0.28	3	7056	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	15	0.28	3	5199	30734.75	2.84	10244.92	2021	Corporate
1	10/1/2020	16	0.28	3	2938	30734.75	2.84	10244.92	2021	Corporate
1	11/1/2020	0	0	0	10598	0	0	0	2021	Corporate
1	11/1/2020	1	0	0	10596	0	0	0	2021	Corporate
1	11/1/2020	2	0	0	10590	0	0	0	2021	Corporate
1	11/1/2020	3	0.09	1	10579	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	4	0.09	1	10569	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	5	0.09	1	10554	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	6	0.09	1	10533	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	7	0.09	1	10486	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	8	0.09	1	10420	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	9	0.09	1	10287	13838.27	1.31	13838.27	2021	Corporate
1	11/1/2020	10	0.19	2	10047	26359.36	2.55	13179.68	2021	Corporate
1	11/1/2020	11	0.19	2	9548	26359.36	2.55	13179.68	2021	Corporate
1	11/1/2020	12	0.19	2	8791	26359.36	2.55	13179.68	2021	Corporate
1	11/1/2020	13	0.19	2	7537	26359.36	2.55	13179.68	2021	Corporate
1	11/1/2020	14	0.19	2	5810	26359.36	2.55	13179.68	2021	Corporate
1	11/1/2020	15	0.19	2	3344	26359.36	2.55	13179.68	2021	Corporate
1	12/1/2020	0	0	0	18040	0	0	0	2021	Corporate
1	12/1/2020	1	0	0	18038	0	0	0	2021	Corporate
1	12/1/2020	2	0	0	18031	0	0	0	2021	Corporate
1	12/1/2020	3	0	0	18022	0	0	0	2021	Corporate
1	12/1/2020	4	0	0	18012	0	0	0	2021	Corporate
1	12/1/2020	5	0.17	3	17986	28897.57	1.61	9632.52	2021	Corporate
1	12/1/2020	6	0.22	4	17940	37707.71	2.1	9426.93	2021	Corporate
1	12/1/2020	7	0.22	4	17838	37707.71	2.1	9426.93	2021	Corporate
1	12/1/2020	8	0.22	4	17704	37707.71	2.1	9426.93	2021	Corporate
1	12/1/2020	9	0.28	5	17465	47075.92	2.63	9415.18	2021	Corporate
1	12/1/2020	10	0.34	6	16889	61011.71	3.46	10168.62	2021	Corporate
1	12/1/2020	11	0.34	6	15695	61011.71	3.46	10168.62	2021	Corporate
1	12/1/2020	12	0.34	6	13890	61011.71	3.46	10168.62	2021	Corporate
1	12/1/2020	13	0.34	6	10714	61011.71	3.46	10168.62	2021	Corporate
1	12/1/2020	14	0.34	6	7050	61011.71	3.46	10168.62	2021	Corporate
1	1/1/2021	0	0	0	21640	0	0	0	2021	Corporate
1	1/1/2021	1	0.09	2	21637	25093.02	1.16	12546.51	2021	Corporate
1	1/1/2021	2	0.23	5	21618	61173.53	2.83	12234.71	2021	Corporate
1	1/1/2021	3	0.28	6	21609	74945.48	3.47	12490.91	2021	Corporate
1	1/1/2021	4	0.42	9	21573	111362	5.15	12373.55	2021	Corporate

1	1/1/2021	5	0.42	9	21510	111362	5.15	12373.55	2021	Corporate
1	1/1/2021	6	0.46	10	21431	125171.1	5.8	12517.11	2021	Corporate
1	1/1/2021	7	0.46	10	21279	125171.1	5.8	12517.11	2021	Corporate
1	1/1/2021	8	0.46	10	21053	125171.1	5.8	12517.11	2021	Corporate
1	1/1/2021	9	0.46	10	20570	125171.1	5.8	12517.11	2021	Corporate
1	1/1/2021	10	0.46	10	19552	125171.1	5.8	12517.11	2021	Corporate
1	1/1/2021	11	0.52	11	17501	133131.5	6.25	12102.87	2021	Corporate
1	1/1/2021	12	0.52	11	13917	133131.5	6.25	12102.87	2021	Corporate
1	1/1/2021	13	0.52	11	8417	133131.5	6.25	12102.87	2021	Corporate
1	2/1/2021	0	0	0	15265	0	0	0	2021	Corporate
1	2/1/2021	1	0.07	1	15261	7523.47	0.49	7523.47	2021	Corporate
1	2/1/2021	2	0.07	1	15243	7523.47	0.49	7523.47	2021	Corporate
1	2/1/2021	3	0.13	2	15228	21909.6	1.44	10954.8	2021	Corporate
1	2/1/2021	4	0.33	5	15205	52173.72	3.43	10434.74	2021	Corporate
1	2/1/2021	5	0.33	5	15140	52173.72	3.43	10434.74	2021	Corporate
1	2/1/2021	6	0.33	5	15065	52173.72	3.43	10434.74	2021	Corporate
1	2/1/2021	7	0.4	6	14921	59357.27	3.91	9892.88	2021	Corporate
1	2/1/2021	8	0.4	6	14674	59357.27	3.91	9892.88	2021	Corporate
1	2/1/2021	9	0.47	7	14268	75134.76	5.02	10733.54	2021	Corporate
1	2/1/2021	10	0.47	7	13319	75134.76	5.02	10733.54	2021	Corporate
1	2/1/2021	11	0.47	7	11318	75134.76	5.02	10733.54	2021	Corporate
1	2/1/2021	12	0.47	7	7570	75134.76	5.02	10733.54	2021	Corporate
1	3/1/2021	0	0.04	1	25101	15077.62	0.6	15077.62	2021	Corporate
1	3/1/2021	1	0.04	1	25070	15077.62	0.6	15077.62	2021	Corporate
1	3/1/2021	2	0.04	1	24995	15077.62	0.6	15077.62	2021	Corporate
1	3/1/2021	3	0.12	3	24906	39814.16	1.59	13271.39	2021	Corporate
1	3/1/2021	4	0.16	4	24653	53070.45	2.13	13267.61	2021	Corporate
1	3/1/2021	5	0.2	5	24309	60314.65	2.43	12062.93	2021	Corporate
1	3/1/2021	6	0.24	6	23631	71328.45	2.9	11888.08	2021	Corporate
1	3/1/2021	7	0.24	6	22515	71328.45	2.9	11888.08	2021	Corporate
1	3/1/2021	8	0.29	7	21468	85044.88	3.53	12149.27	2021	Corporate
1	3/1/2021	9	0.29	7	20119	85044.88	3.53	12149.27	2021	Corporate
1	3/1/2021	10	0.29	7	18024	85044.88	3.53	12149.27	2021	Corporate
1	3/1/2021	11	0.29	7	13167	85044.88	3.53	12149.27	2021	Corporate
1	4/1/2021	0	0	0	8716	0	0	0	2021	Corporate
1	4/1/2021	1	0.46	4	8682	46839.97	5.4	11709.99	2021	Corporate
1	4/1/2021	2	0.58	5	8639	58797.88	6.78	11759.58	2021	Corporate
1	4/1/2021	3	0.93	8	8570	98864.49	11.45	12358.06	2021	Corporate
1	4/1/2021	4	1.28	11	8395	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	5	1.28	11	8100	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	6	1.28	11	7235	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	7	1.28	11	6363	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	8	1.28	11	5274	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	9	1.28	11	4396	127816.2	14.9	11619.65	2021	Corporate
1	4/1/2021	10	1.28	11	3599	127816.2	14.9	11619.65	2021	Corporate
1	5/1/2021	0	0.14	1	7008	8406.36	1.2	8406.36	2021	Corporate
1	5/1/2021	1	1.29	9	6991	101128.2	14.46	11236.46	2021	Corporate
1	5/1/2021	2	2.01	14	6959	149860.8	21.47	10704.35	2021	Corporate
1	5/1/2021	3	2.58	18	6929	189720.1	27.22	10540	2021	Corporate
1	5/1/2021	4	3.16	22	6878	235521.9	33.88	10705.54	2021	Corporate
1	5/1/2021	5	3.76	26	6745	274112.7	39.6	10542.8	2021	Corporate
1	5/1/2021	6	3.76	26	6492	274112.7	39.6	10542.8	2021	Corporate
1	5/1/2021	7	3.76	26	6238	274112.7	39.6	10542.8	2021	Corporate
1	5/1/2021	8	4.1	28	5789	293289.8	42.91	10474.63	2021	Corporate
1	5/1/2021	9	4.1	28	4759	293289.8	42.91	10474.63	2021	Corporate
1	6/1/2021	0	0.4	6	14936	63310.5	4.24	10551.75	2021	Corporate
1	6/1/2021	1	2.95	44	14895	437703.1	29.37	9947.8	2021	Corporate
1	6/1/2021	2	5.25	78	14797	768850.2	51.75	9857.05	2021	Corporate
1	6/1/2021	3	6.47	96	14717	965514.1	65.12	10057.44	2021	Corporate
1	6/1/2021	4	7.71	114	14558	1152435	77.96	10109.08	2021	Corporate
1	6/1/2021	5	8.34	123	14256	1250409	84.83	10165.92	2021	Corporate
1	6/1/2021	6	8.86	130	13449	1323579	90.27	10181.37	2021	Corporate
1	6/1/2021	7	9.19	134	12377	1364863	93.6	10185.54	2021	Corporate
1	6/1/2021	8	9.29	135	9308	1372629	94.44	10167.62	2021	Corporate
1	7/1/2021	0	0.07	1	13365	13844.6	1.04	13844.6	2021	Corporate
1	7/1/2021	1	1.21	16	13247	156848.3	11.83	9803.02	2021	Corporate
1	7/1/2021	2	2.82	37	12983	378091.4	28.87	10218.69	2021	Corporate
1	7/1/2021	3	4.32	56	12737	592069.1	45.67	10572.66	2021	Corporate
1	7/1/2021	4	6.02	77	12358	817897.6	63.95	10622.05	2021	Corporate
1	7/1/2021	5	6.54	83	11481	903715.1	71.42	10888.13	2021	Corporate
1	7/1/2021	6	6.96	87	9590	953938.3	76.66	10964.81	2021	Corporate
1	7/1/2021	7	7.21	89	7869	974561.7	79.28	10950.13	2021	Corporate
1	8/1/2021	0	0.04	1	24948	11255.09	0.45	11255.09	2021	Corporate
1	8/1/2021	1	2.1	52	24723	554615.2	22.43	10665.68	2021	Corporate
1	8/1/2021	2	4.63	113	24123	1234267	50.6	10922.72	2021	Corporate
1	8/1/2021	3	6.31	152	23285	1687125	70.05	11099.5	2021	Corporate
1	8/1/2021	4	7.18	171	21783	1907767	80.18	11156.53	2021	Corporate
1	8/1/2021	5	8.1	189	19557	2110227	90.53	11165.22	2021	Corporate
1	8/1/2021	6	8.35	193	15663	2155589	93.43	11168.85	2021	Corporate
1	9/1/2021	0	0	0	14241	0	0	0	2021	Corporate
1	9/1/2021	1	0.78	11	14124	125783.2	8.91	11434.84	2021	Corporate
1	9/1/2021	2	1.72	24	13825	277705.9	19.89	11571.08	2021	Corporate
1	9/1/2021	3	2.98	41	13446	489962.8	35.68	11950.31	2021	Corporate
1	9/1/2021	4	3.54	48	12466	571406.8	42.21	11904.31	2021	Corporate
1	9/1/2021	5	3.84	51	10312	604495.7	45.42	11852.86	2021	Corporate
1	10/1/2021	0	0.04	1	25527	8218.33	0.32	8218.33	2021	Corporate
1	10/1/2021	1	0.12	3	25145	32742.86	1.3	10914.29	2021	Corporate
1	10/1/2021	2	0.61	15	24210	189033	7.75	12602.2	2021	Corporate
1	10/1/2021	3	0.92	22	22722	275105.6	11.54	12504.8	2021	Corporate
1	10/1/2021	4	0.98	23	18535	286768.7	12.17	12468.2	2021	Corporate
1	11/1/2021	0	0	0	20465	0	0	0	2021	Corporate
1	11/1/2021	1	0	0	19841	0	0	0	2021	Corporate
1	11/1/2021	2	0	0	17882	0	0	0	2021	Corporate
1	11/1/2021	3	0	0	14229	0	0	0	2021	Corporate

1	12/1/2021	0	0	0	7580	0	0	0	2021 Corporate
1	12/1/2021	1	0	0	7046	0	0	0	2021 Corporate
1	12/1/2021	2	0	0	5377	0	0	0	2021 Corporate

By=MSTESLIC

8196],[1057831],[1352752],[891972],[1056328],[1094409],[1123234],[1618342],[1148095],[1093139],[1093043],[1010570],[1737150],[1438958],[1558

Distance = Descriptions = Yes

5773],[1047577],[1059091],[1082410],[1084197],[1102130],[11114874],[1155773],[1157235],[1343067],[1370268],[1277934],[1607272],[1294382],[202

!1465],[1565090],[1188444],[1797098],[1458989],[2516569],[1816351],[1774210],[1559282],[1213096],[1213905],[1726948],[2153889],[1578721],[16

19706],[1535645],[1685730],[1278268],[1484345],[1631168],[1816507],[1287257],[1875302],[1631460],[1981871],[1647410],[1714550],[1843363],[1

726459],[1864874],[1675302],[1315517],[1418606],[1316981],[1316466],[1343288],[1345994],[1856730],[1557579],[1684736],[1822782],[2201308],[1

1664603],[1703669],[1356332],[1810172],[1375491],[1384379],[1673023],[2075327],[2819242],[1630863],[1992712],[1596363],[1659986],[1396943],[

[1413099],[1726433],[1818467],[2018523],[1419915],[1418574],[1415902],[1417796],[1442348],[1460634],[15

Concern	ge	Engine Build Date	Model Yea	Repair Date
Broken Valve	933	3/20/2018	2018	5/24/2018
Broken Valve	5488	6/4/2019	2020	5/19/2020
Broken Valve	1577	6/18/2019	2020	5/4/2020
Broken Valve	0479	6/18/2019	2020	6/18/2020
Broken Valve	1282	6/21/2019	2020	5/13/2020
Broken Valve	6898	6/21/2019	2020	9/16/2020
Broken Valve	7026	6/24/2019	2020	4/27/2020
Broken Valve	743	6/27/2019	2020	2/6/2020
Broken Valve	9517	7/15/2019	2020	9/8/2020
Broken Valve	2100	7/25/2019	2020	12/26/2019
Broken Valve	956	8/27/2019	2020	2/10/2020
Broken Valve	1140	8/28/2019	2020	11/27/2019
Broken Valve	766	8/28/2019	2020	12/16/2019
Broken Valve	4153	8/29/2019	2020	5/22/2020
Broken Valve	471	8/30/2019	2020	6/22/2020
Broken Valve	1056	9/5/2019	2020	7/14/2020
Broken Valve	2426	9/18/2019	2020	1/21/2020
Broken Valve	2407	9/18/2019	2020	6/15/2020
Broken Valve	933	9/19/2019	2020	9/4/2020
Broken Valve	203	10/29/2019	2020	6/24/2020
Broken Valve	1842	2/14/2020	2020	4/29/2020
Broken Valve	1021	3/17/2020	2020	8/31/2020
Broken Valve	3200	3/19/2020	2020	9/9/2020
Broken Valve	869	6/5/2020	2020	10/19/2020
Broken Valve	2008	6/16/2020	2020	10/5/2020
Broken Valve	903	8/17/2020	2020	10/15/2020
Broken Valve	5302	11/4/2020	2021	2/25/2021
Broken Valve	4842	11/16/2020	2021	8/23/2021
Broken Valve	6599	11/16/2020	2021	9/4/2021
Broken Valve	9400	11/17/2020	2021	4/27/2021
Broken Valve	1203	12/14/2020	2021	2/13/2021
Broken Valve	2178	12/16/2020	2021	3/14/2021
Broken Valve	857	12/17/2020	2021	3/31/2021
Broken Valve	1956	12/17/2020	2021	10/7/2021
Broken Valve	2080	1/7/2021	2021	3/17/2021
Broken Valve	513	1/8/2021	2021	3/5/2021
Broken Valve	1245	1/8/2021	2021	6/23/2021
Broken Valve	4614	1/14/2021	2021	6/30/2021
Broken Valve	1500	1/14/2021	2021	6/11/2021
Broken Valve	2919	1/15/2021	2021	6/28/2021
Broken Valve	3582	2/2/2021	2021	10/8/2021
Broken Valve	4348	2/3/2021	2021	7/7/2021
Broken Valve	1020	2/4/2021	2021	7/12/2021
Broken Valve	1757	3/3/2021	2021	7/12/2021
Broken Valve	2853	3/16/2021	2021	6/30/2021
Broken Valve	7350	3/18/2021	2021	10/11/2021

Broken Valve	2062	3/23/2021 2021	8/11/2021
Broken Valve	2275	3/25/2021 2021	8/24/2021
Broken Valve	2083	3/30/2021 2021	9/2/2021
Broken Valve	1456	3/31/2021 2021	11/19/2021
Broken Valve	3439	4/1/2021 2021	9/4/2021
Broken Valve	359	4/7/2021 2021	6/4/2021
Broken Valve	1471	4/7/2021 2021	7/12/2021
Broken Valve	1865	4/7/2021 2021	8/28/2021
Broken Valve	862	4/7/2021 2021	11/4/2021
Broken Valve	1589	5/3/2021 2021	9/27/2021
Broken Valve	2781	5/3/2021 2021	7/12/2021
Broken Valve	1722	5/3/2021 2021	7/6/2021
Broken Valve	3474	5/4/2021 2021	11/16/2021
Broken Valve	1880	5/5/2021 2021	9/13/2021
Lower End Dama	861	5/6/2021 2021	10/19/2021
Broken Valve	4218	5/6/2021 2021	10/22/2021
Broken Valve	2285	5/6/2021 2021	8/10/2021
Broken Valve	1428	5/7/2021 2021	7/1/2021
Broken Valve	1497	5/7/2021 2021	8/2/2021
Lower End Dama	1890	5/7/2021 2021	8/4/2021
Broken Valve	1041	5/7/2021 2021	8/9/2021
Broken Valve	462	5/7/2021 2021	8/19/2021
Broken Valve	1188	5/7/2021 2021	10/29/2021
Broken Valve	3691	5/7/2021 2021	8/23/2021
Broken Valve	2607	5/7/2021 2021	9/29/2021
Broken Valve	2381	5/7/2021 2021	9/9/2021
Lower End Dama	1005	5/7/2021 2021	11/18/2021
Lower End Dama	1461	5/7/2021 2021	9/30/2021
Broken Valve	2485	5/7/2021 2021	9/13/2021
Broken Valve	3199	5/7/2021 2021	10/11/2021
Broken Valve	3722	5/10/2021 2021	8/27/2021
Broken Valve	2094	5/10/2021 2021	8/3/2021
Broken Valve	1832	5/10/2021 2021	9/10/2021
Broken Valve	2417	5/10/2021 2021	8/23/2021
Lower End Dama	3548	5/10/2021 2021	9/27/2021
Broken Valve	1816	5/10/2021 2021	10/4/2021
Lower End Dama	1038	5/10/2021 2021	10/8/2021
Lower End Dama	1212	5/10/2021 2021	8/13/2021
Broken Valve	410	5/10/2021 2021	10/8/2021
Broken Valve	1178	5/10/2021 2021	9/3/2021
Broken Valve	2110	5/10/2021 2021	11/15/2021
Lower End Dama	2169	5/10/2021 2021	10/18/2021
Broken Valve	388	5/11/2021 2021	7/12/2021
Broken Valve	1372	5/11/2021 2021	8/23/2021
Lower End Dama	668	5/11/2021 2021	8/18/2021
Broken Valve	1230	5/11/2021 2021	7/17/2021
Broken Valve	1960	5/11/2021 2021	7/30/2021

Lower End Damage	8885	5/11/2021	2021	9/28/2021
Broken Valve	4214	5/11/2021	2021	10/12/2021
Lower End Damage	2100	5/11/2021	2021	9/20/2021
Lower End Damage	771	5/11/2021	2021	9/1/2021
Broken Valve	3421	5/11/2021	2021	10/18/2021
Broken Valve	2367	5/11/2021	2021	10/4/2021
Broken Valve	8327	5/11/2021	2021	11/12/2021
Broken Valve	237	5/12/2021	2021	10/17/2021
Lower End Damage	623	5/12/2021	2021	8/17/2021
Broken Valve	2800	5/12/2021	2021	9/13/2021
Lower End Damage	1339	5/12/2021	2021	7/28/2021
Lower End Damage	2545	5/12/2021	2021	9/11/2021
Broken Valve	861	5/12/2021	2021	6/26/2021
Broken Valve	990	5/12/2021	2021	11/9/2021
Lower End Damage	3112	5/12/2021	2021	9/27/2021
Lower End Damage	2406	5/12/2021	2021	9/28/2021
Lower End Damage	378	5/13/2021	2021	8/6/2021
Broken Valve	642	5/13/2021	2021	8/9/2021
Broken Valve	1717	5/13/2021	2021	8/16/2021
Broken Valve	1144	5/13/2021	2021	10/6/2021
Broken Valve	1444	5/13/2021	2021	9/7/2021
Broken Valve	1688	5/13/2021	2021	7/30/2021
Broken Valve	1070	5/13/2021	2021	8/5/2021
Broken Valve	1457	5/13/2021	2021	9/7/2021
Broken Valve	1152	5/13/2021	2021	7/16/2021
Broken Valve	5914	5/13/2021	2021	9/11/2021
Broken Valve	3006	5/13/2021	2021	9/29/2021
Broken Valve	947	5/13/2021	2021	8/18/2021
Broken Valve	505	5/13/2021	2021	8/3/2021
Broken Valve	4888	5/14/2021	2021	9/7/2021
Broken Valve	3404	5/14/2021	2021	10/26/2021
Broken Valve	8086	6/7/2021	2021	12/2/2021
Lower End Damage	272	6/8/2021	2021	11/2/2021
Lower End Damage	1168	6/9/2021	2021	9/14/2021
Lower End Damage	240	6/9/2021	2021	9/7/2021
Broken Valve	1856	6/9/2021	2021	11/6/2021
Broken Valve	2762	6/9/2021	2021	9/4/2021
Broken Valve	2394	6/9/2021	2021	9/10/2021
Lower End Damage	900	6/9/2021	2021	11/2/2021
Lower End Damage	4357	6/9/2021	2021	11/22/2021
Broken Valve	1146	6/10/2021	2021	7/27/2021
Broken Valve	601	6/10/2021	2021	8/23/2021
Broken Valve	3592	6/10/2021	2021	9/25/2021
Broken Valve	3402	6/11/2021	2021	8/30/2021
Broken Valve	984	6/11/2021	2021	10/1/2021
Broken Valve	1393	6/11/2021	2021	10/6/2021
Broken Valve	710	6/11/2021	2021	7/19/2021

Lower End Damage	6	6/11/2021	2021	7/21/2021
Broken Valve	2911	6/11/2021	2021	9/22/2021
Broken Valve	934	6/11/2021	2021	8/9/2021
Lower End Damage	267	6/11/2021	2021	7/31/2021
Broken Valve	1509	6/11/2021	2021	8/3/2021
Broken Valve	3025	6/11/2021	2021	9/20/2021
Broken Valve	1528	6/11/2021	2021	9/14/2021
Broken Valve	4760	6/11/2021	2021	11/2/2021
Lower End Damage	4622	6/11/2021	2021	11/17/2021
Lower End Damage	933	6/11/2021	2021	9/29/2021
Lower End Damage	1953	6/11/2021	2021	10/14/2021
Lower End Damage	4913	6/11/2021	2021	10/5/2021
Broken Valve	1165	6/11/2021	2021	10/15/2021
Broken Valve	1960	6/11/2021	2021	9/29/2021
Broken Valve	383	6/14/2021	2021	9/27/2021
Broken Valve	791	6/14/2021	2021	8/4/2021
Broken Valve	1614	6/14/2021	2021	10/5/2021
Broken Valve	667	6/14/2021	2021	9/7/2021
Broken Valve	1346	6/14/2021	2021	7/29/2021
Lower End Damage	577	6/14/2021	2021	8/16/2021
Broken Valve	1464	6/14/2021	2021	9/14/2021
Lower End Damage	450	6/14/2021	2021	9/21/2021
Broken Valve	1909	6/14/2021	2021	8/31/2021
Broken Valve	1160	6/14/2021	2021	7/30/2021
Broken Valve	1571	6/14/2021	2021	9/25/2021
Broken Valve	743	6/14/2021	2021	7/26/2021
Broken Valve	2167	6/14/2021	2021	7/22/2021
Broken Valve	950	6/14/2021	2021	9/7/2021
Broken Valve	937	6/14/2021	2021	11/30/2021
Broken Valve	2907	6/15/2021	2021	10/25/2021
Broken Valve	1027	6/15/2021	2021	9/28/2021
Lower End Damage	870	6/17/2021	2021	9/15/2021
Lower End Damage	3551	6/17/2021	2021	10/18/2021
Broken Valve	412	6/17/2021	2021	10/19/2021
Broken Valve	1183	6/17/2021	2021	10/2/2021
Broken Valve	1790	6/17/2021	2021	9/20/2021
Broken Valve	1578	6/17/2021	2021	9/22/2021
Lower End Damage	1160	6/18/2021	2021	11/1/2021
Lower End Damage	918	6/18/2021	2021	9/8/2021
Lower End Damage	1423	6/18/2021	2021	9/4/2021
Broken Valve	4627	6/18/2021	2021	10/6/2021
Lower End Damage	7255	6/18/2021	2021	11/9/2021
Broken Valve	985	6/18/2021	2021	8/23/2021
Broken Valve	2731	6/18/2021	2021	12/13/2021
Lower End Damage	3550	6/18/2021	2021	8/4/2021
Lower End Damage	2017	6/18/2021	2021	10/25/2021
Broken Valve	502	6/21/2021	2021	11/10/2021

Broken Valve	443	6/21/2021	2021	8/17/2021
Lower End Damage	858	6/21/2021	2021	9/18/2021
Broken Valve	1316	6/21/2021	2021	8/14/2021
Broken Valve	1246	6/21/2021	2021	10/26/2021
Broken Valve	3014	6/22/2021	2021	10/12/2021
Broken Valve	3598	6/22/2021	2021	9/7/2021
Broken Valve	787	6/22/2021	2021	9/29/2021
Lower End Damage	19	6/22/2021	2021	8/20/2021
Broken Valve	984	6/22/2021	2021	8/9/2021
Broken Valve	2094	6/22/2021	2021	8/16/2021
Broken Valve	3959	6/23/2021	2021	8/26/2021
Broken Valve	4736	6/23/2021	2021	11/16/2021
Broken Valve	2646	6/23/2021	2021	11/23/2021
Broken Valve	5272	6/23/2021	2021	11/2/2021
Broken Valve	3026	6/24/2021	2021	9/16/2021
Broken Valve	1800	6/24/2021	2021	9/8/2021
Broken Valve	1294	6/28/2021	2021	10/13/2021
Lower End Damage	1581	6/28/2021	2021	10/11/2021
Broken Valve	588	6/28/2021	2021	8/2/2021
Lower End Damage	2305	6/28/2021	2021	10/5/2021
Broken Valve	5084	6/28/2021	2021	12/13/2021
Broken Valve	984	6/29/2021	2021	8/20/2021
Broken Valve	6245	6/30/2021	2021	10/15/2021
Broken Valve	768	7/1/2021	2021	9/21/2021
Lower End Damage	553	7/1/2021	2021	10/2/2021
Broken Valve	790	7/1/2021	2021	10/12/2021
Lower End Damage	730	7/1/2021	2021	10/13/2021
Broken Valve	875	7/2/2021	2021	8/16/2021
Lower End Damage	1241	7/2/2021	2021	9/20/2021
Broken Valve	1061	7/2/2021	2021	9/17/2021
Broken Valve	1770	7/2/2021	2021	10/4/2021
Lower End Damage	1481	7/2/2021	2021	10/25/2021
Broken Valve	1215	7/2/2021	2021	10/18/2021
Broken Valve	1900	7/13/2021	2021	9/17/2021
Lower End Damage	586	7/13/2021	2021	11/10/2021
Broken Valve	892	7/14/2021	2021	8/19/2021
Broken Valve	904	7/15/2021	2021	9/13/2021
Broken Valve	1646	7/27/2021	2021	10/15/2021
Broken Valve	1466	7/28/2021	2021	10/22/2021
Broken Valve	2089	7/29/2021	2021	10/18/2021
Broken Valve	3321	7/29/2021	2021	11/30/2021
Broken Valve	2844	8/2/2021	2021	11/22/2021
Lower End Damage	2012	8/2/2021	2021	12/10/2021
Broken Valve	987	8/2/2021	2021	11/16/2021
Lower End Damage	3541	8/2/2021	2021	11/22/2021
Broken Valve	3011	8/2/2021	2021	9/27/2021
Broken Valve	744	8/3/2021	2021	10/25/2021

Broken Valve	2061	8/3/2021	2021	9/14/2021
Lower End Damag	525	8/3/2021	2021	9/16/2021
Lower End Damag	2292	8/3/2021	2021	11/9/2021
Lower End Damag	1477	8/3/2021	2021	11/12/2021
Broken Valve	913	8/3/2021	2021	9/30/2021
Lower End Damag	1825	8/3/2021	2021	11/23/2021
Broken Valve	3869	8/3/2021	2021	11/1/2021
Broken Valve	821	8/3/2021	2021	9/24/2021
Broken Valve	1303	8/3/2021	2021	12/10/2021
Broken Valve	2482	8/3/2021	2021	10/11/2021
Lower End Damag	1520	8/3/2021	2021	11/22/2021
Broken Valve	880	8/4/2021	2021	10/11/2021
Broken Valve	1367	8/4/2021	2021	10/29/2021
Broken Valve	1263	8/4/2021	2021	9/27/2021
Broken Valve	3334	8/4/2021	2021	10/25/2021
Broken Valve	561	8/4/2021	2021	9/7/2021
Lower End Damag	1182	8/4/2021	2021	10/5/2021
Broken Valve	1524	8/4/2021	2021	11/10/2021
Broken Valve	4321	8/4/2021	2021	11/10/2021
Broken Valve	1469	8/5/2021	2021	11/4/2021
Broken Valve	793	8/6/2021	2021	9/16/2021
Broken Valve	4009	8/6/2021	2021	10/20/2021
Broken Valve	2391	8/6/2021	2021	10/25/2021
Lower End Damag	891	8/7/2021	2021	10/30/2021
Broken Valve	1421	8/7/2021	2021	9/17/2021
Lower End Damag	2678	8/7/2021	2021	9/30/2021
Broken Valve	1748	8/7/2021	2021	12/10/2021
Lower End Damag	446	8/7/2021	2021	9/23/2021
Broken Valve	1145	8/9/2021	2021	10/1/2021
Lower End Damag	2079	8/9/2021	2021	11/23/2021
Broken Valve	2460	8/10/2021	2021	12/3/2021
Broken Valve	779	8/10/2021	2021	9/22/2021
Lower End Damag	1178	8/10/2021	2021	10/2/2021
Broken Valve	1316	8/10/2021	2021	10/12/2021
Lower End Damag	1672	8/10/2021	2021	10/8/2021
Lower End Damag	6223	8/10/2021	2021	11/22/2021
Lower End Damag	582	8/10/2021	2021	10/5/2021
Lower End Damag	711	8/10/2021	2021	10/18/2021
Lower End Damag	1227	8/11/2021	2021	11/2/2021
Lower End Damag	1276	8/12/2021	2021	10/28/2021
Lower End Damag	739	8/16/2021	2021	11/11/2021
Lower End Damag	1895	8/16/2021	2021	10/20/2021
Lower End Damag	974	8/16/2021	2021	10/23/2021
Lower End Damag	454	8/16/2021	2021	11/9/2021
Broken Valve	2331	8/16/2021	2021	11/19/2021
Broken Valve	1097	8/16/2021	2021	10/11/2021
Lower End Damag	2678	8/16/2021	2021	12/4/2021

Broken Valve	1304	8/17/2021	2021	11/23/2021
Lower End Damag	1461	8/17/2021	2021	11/15/2021
Broken Valve	608	8/17/2021	2021	10/4/2021
Lower End Damag	173	8/18/2021	2021	10/29/2021
Lower End Damag	2530	8/19/2021	2021	10/21/2021
Broken Valve	739	8/19/2021	2021	10/5/2021
Lower End Damag	511	8/19/2021	2021	10/5/2021
Broken Valve	2762	8/19/2021	2021	11/15/2021
Lower End Damag	639	8/19/2021	2021	9/29/2021
Lower End Damag	2317	8/19/2021	2021	12/10/2021
Broken Valve	2298	8/19/2021	2021	10/18/2021
Lower End Damag	2200	8/19/2021	2021	11/10/2021
Lower End Damag	2775	8/19/2021	2021	11/11/2021
Broken Valve	4375	8/19/2021	2021	10/22/2021
Lower End Damag	2975	8/19/2021	2021	12/2/2021
Broken Valve	1799	8/19/2021	2021	10/8/2021
Lower End Damag	3736	8/19/2021	2021	12/11/2021
Lower End Damag	1281	8/20/2021	2021	11/23/2021
Lower End Damag	1458	8/20/2021	2021	10/13/2021
Broken Valve	656	8/20/2021	2021	10/25/2021
Lower End Damag	132	8/20/2021	2021	9/14/2021
Broken Valve	803	8/20/2021	2021	9/28/2021
Lower End Damag	1997	8/20/2021	2021	11/4/2021
Broken Valve	823	8/20/2021	2021	10/4/2021
Broken Valve	2321	8/20/2021	2021	10/18/2021
Lower End Damag	776	8/20/2021	2021	10/12/2021
Lower End Damag	786	8/30/2021	2022	12/1/2021
Broken Valve	2915	8/30/2021	2021	10/6/2021
Broken Valve	913	8/30/2021	2021	10/19/2021
Lower End Damag	1220	8/30/2021	2021	11/22/2021
Broken Valve	1388	8/30/2021	2021	12/10/2021
Broken Valve	1294	9/1/2021	2021	12/1/2021
Lower End Damag	1732	10/12/2021	2022	11/8/2021

Concern	VIN	Mileage	Engine Build Date	Model Yea	Repair Date
Broken Valve		933	3/20/2018	2018	5/24/2018
Broken Valve		5488	6/4/2019	2020	5/19/2020
Broken Valve		1577	6/18/2019	2020	5/4/2020
Broken Valve		10479	6/18/2019	2020	6/18/2020
Broken Valve		1282	6/21/2019	2020	5/13/2020
Broken Valve		6898	6/21/2019	2020	9/16/2020
Broken Valve		7026	6/24/2019	2020	4/27/2020
Broken Valve		743	6/27/2019	2020	2/6/2020
Broken Valve		9517	7/15/2019	2020	9/8/2020
Broken Valve		2100	7/25/2019	2020	12/26/2019
Broken Valve		956	8/27/2019	2020	2/10/2020
Broken Valve		1140	8/28/2019	2020	11/27/2019
Broken Valve		766	8/28/2019	2020	12/16/2019
Broken Valve		4153	8/29/2019	2020	5/22/2020
Broken Valve		471	8/30/2019	2020	6/22/2020
Broken Valve		1056	9/5/2019	2020	7/14/2020
Broken Valve		2426	9/18/2019	2020	1/21/2020
Broken Valve		2407	9/18/2019	2020	6/15/2020
Broken Valve		933	9/19/2019	2020	9/4/2020
Broken Valve		203	10/29/2019	2020	6/24/2020
Broken Valve		1842	2/14/2020	2020	4/29/2020
Broken Valve		1021	3/17/2020	2020	8/31/2020
Broken Valve		3200	3/19/2020	2020	9/9/2020
Broken Valve		869	6/5/2020	2020	10/19/2020
Broken Valve		2008	6/16/2020	2020	10/5/2020
Broken Valve		903	8/17/2020	2020	10/15/2020
Broken Valve		5302	11/4/2020	2021	2/25/2021
Broken Valve		4842	11/16/2020	2021	8/23/2021
Broken Valve		6599	11/16/2020	2021	9/4/2021
Broken Valve		9400	11/17/2020	2021	4/27/2021
Broken Valve		1203	12/14/2020	2021	2/13/2021
Broken Valve		2178	12/16/2020	2021	3/14/2021
Broken Valve		857	12/17/2020	2021	3/31/2021
Broken Valve		1956	12/17/2020	2021	10/7/2021
Broken Valve		2080	1/7/2021	2021	3/17/2021
Broken Valve		513	1/8/2021	2021	3/5/2021
Broken Valve		1245	1/8/2021	2021	6/23/2021
Broken Valve		4614	1/14/2021	2021	6/30/2021
Broken Valve		1500	1/14/2021	2021	6/11/2021
Broken Valve		3582	2/2/2021	2021	10/11/2021
Broken Valve		4348	2/3/2021	2021	7/7/2021
Broken Valve		1020	2/4/2021	2021	7/12/2021
Broken Valve		1757	3/3/2021	2021	7/12/2021
Broken Valve		2853	3/16/2021	2021	6/30/2021
Broken Valve		7350	3/18/2021	2021	11/3/2021
Broken Valve		2062	3/23/2021	2021	8/11/2021

Broken Valve	2275	3/25/2021	2021	8/24/2021
Broken Valve	2083	3/30/2021	2021	9/2/2021
Broken Valve	5538	4/1/2021	2021	10/19/2021
Broken Valve	359	4/7/2021	2021	6/4/2021
Broken Valve	1471	4/7/2021	2021	7/12/2021
Broken Valve	1865	4/7/2021	2021	8/28/2021
Broken Valve	2781	5/3/2021	2021	7/12/2021
Broken Valve	1722	5/3/2021	2021	7/6/2021
Broken Valve	1880	5/5/2021	2021	9/17/2021
Lower End Damag	861	5/6/2021	2021	10/19/2021
Broken Valve	2285	5/6/2021	2021	8/10/2021
Broken Valve	1428	5/7/2021	2021	7/1/2021
Broken Valve	1497	5/7/2021	2021	8/2/2021
Lower End Damag	1890	5/7/2021	2021	8/4/2021
Broken Valve	1041	5/7/2021	2021	8/9/2021
Broken Valve	462	5/7/2021	2021	8/19/2021
Broken Valve	1188	5/7/2021	2021	10/29/2021
Broken Valve	3691	5/7/2021	2021	8/23/2021
Broken Valve	2607	5/7/2021	2021	9/29/2021
Broken Valve	3722	5/10/2021	2021	8/27/2021
Broken Valve	2094	5/10/2021	2021	8/3/2021
Broken Valve	1832	5/10/2021	2021	9/16/2021
Broken Valve	2417	5/10/2021	2021	8/23/2021
Lower End Damag	3548	5/10/2021	2021	9/27/2021
Lower End Damag	1816	5/10/2021	2021	10/8/2021
Lower End Damag	1038	5/10/2021	2021	10/8/2021
Lower End Damag	1212	5/10/2021	2021	8/13/2021
Broken Valve	410	5/10/2021	2021	10/8/2021
Broken Valve	1178	5/10/2021	2021	9/3/2021
Broken Valve	388	5/11/2021	2021	7/12/2021
Broken Valve	1372	5/11/2021	2021	8/23/2021
Lower End Damag	668	5/11/2021	2021	8/18/2021
Broken Valve	1230	5/11/2021	2021	7/17/2021
Broken Valve	1960	5/11/2021	2021	7/30/2021
Lower End Damag	8885	5/11/2021	2021	9/28/2021
Broken Valve	4214	5/11/2021	2021	10/12/2021
Lower End Damag	2100	5/11/2021	2021	9/20/2021
Lower End Damag	771	5/11/2021	2021	9/1/2021
Broken Valve	237	5/12/2021	2021	10/17/2021
Lower End Damag	623	5/12/2021	2021	8/17/2021
Broken Valve	2886	5/12/2021	2021	10/12/2021
Lower End Damag	1339	5/12/2021	2021	7/30/2021
Lower End Damag	2545	5/12/2021	2021	9/11/2021
Broken Valve	861	5/12/2021	2021	6/26/2021
Broken Valve	990	5/12/2021	2021	10/1/2021
Lower End Damag	3112	5/12/2021	2021	9/27/2021
Lower End Damag	378	5/13/2021	2021	8/6/2021

Broken Valve	642	5/13/2021	2021	8/9/2021
Broken Valve	717	5/13/2021	2021	8/16/2021
Broken Valve	444	5/13/2021	2021	9/7/2021
Broken Valve	688	5/13/2021	2021	7/30/2021
Broken Valve	070	5/13/2021	2021	8/5/2021
Broken Valve	457	5/13/2021	2021	9/7/2021
Broken Valve	152	5/13/2021	2021	7/16/2021
Lower End Damag	914	5/13/2021	2021	9/11/2021
Lower End Damag	006	5/13/2021	2021	10/19/2021
Broken Valve	947	5/13/2021	2021	10/19/2021
Broken Valve	888	5/14/2021	2021	9/7/2021
Broken Valve	404	5/14/2021	2021	10/26/2021
Lower End Damag	272	6/8/2021	2021	11/2/2021
Lower End Damag	240	6/9/2021	2021	9/24/2021
Broken Valve	856	6/9/2021	2021	11/6/2021
Broken Valve	394	6/9/2021	2021	9/10/2021
Lower End Damag	900	6/9/2021	2021	11/2/2021
Broken Valve	146	6/10/2021	2021	7/27/2021
Broken Valve	601	6/10/2021	2021	8/23/2021
Lower End Damag	402	6/11/2021	2021	8/31/2021
Broken Valve	710	6/11/2021	2021	7/19/2021
Lower End Damag	6	6/11/2021	2021	7/21/2021
Lower End Damag	911	6/11/2021	2021	9/22/2021
Broken Valve	934	6/11/2021	2021	8/9/2021
Lower End Damag	267	6/11/2021	2021	7/31/2021
Broken Valve	509	6/11/2021	2021	8/3/2021
Broken Valve	025	6/11/2021	2021	9/20/2021
Broken Valve	528	6/11/2021	2021	9/14/2021
Lower End Damag	953	6/11/2021	2021	10/14/2021
Lower End Damag	913	6/11/2021	2021	10/5/2021
Broken Valve	165	6/11/2021	2021	10/15/2021
Broken Valve	383	6/14/2021	2021	9/27/2021
Broken Valve	791	6/14/2021	2021	8/4/2021
Broken Valve	614	6/14/2021	2021	10/11/2021
Broken Valve	667	6/14/2021	2021	9/7/2021
Broken Valve	346	6/14/2021	2021	7/29/2021
Lower End Damag	577	6/14/2021	2021	8/16/2021
Lower End Damag	463	6/14/2021	2021	9/14/2021
Lower End Damag	543	6/14/2021	2021	9/27/2021
Broken Valve	909	6/14/2021	2021	8/31/2021
Lower End Damag	160	6/14/2021	2021	7/30/2021
Broken Valve	571	6/14/2021	2021	9/25/2021
Broken Valve	743	6/14/2021	2021	7/26/2021
Broken Valve	167	6/14/2021	2021	7/22/2021
Broken Valve	950	6/14/2021	2021	9/7/2021
Lower End Damag	870	6/17/2021	2021	9/15/2021
Lower End Damag	551	6/17/2021	2021	10/19/2021

Broken Valve	411	6/17/2021 2021	11/3/2021
Broken Valve	1578	6/17/2021 2021	9/28/2021
Lower End Damage	1160	6/18/2021 2021	11/1/2021
Lower End Damage	1423	6/18/2021 2021	9/4/2021
Broken Valve	4627	6/18/2021 2021	10/9/2021
Broken Valve	985	6/18/2021 2021	8/23/2021
Lower End Damage	3550	6/18/2021 2021	8/4/2021
Lower End Damage	2016	6/18/2021 2021	11/1/2021
Broken Valve	443	6/21/2021 2021	8/31/2021
Lower End Damage	858	6/21/2021 2021	9/20/2021
Broken Valve	1316	6/21/2021 2021	8/14/2021
Broken Valve	1246	6/21/2021 2021	10/26/2021
Broken Valve	3014	6/22/2021 2021	10/12/2021
Lower End Damage	3598	6/22/2021 2021	9/17/2021
Broken Valve	787	6/22/2021 2021	9/29/2021
Lower End Damage	19	6/22/2021 2021	8/20/2021
Broken Valve	984	6/22/2021 2021	8/9/2021
Lower End Damage	2094	6/22/2021 2021	8/16/2021
Broken Valve	3959	6/23/2021 2021	8/26/2021
Broken Valve	3026	6/24/2021 2021	9/16/2021
Broken Valve	1800	6/24/2021 2021	9/8/2021
Broken Valve	1294	6/28/2021 2021	10/15/2021
Lower End Damage	1581	6/28/2021 2021	10/18/2021
Lower End Damage	588	6/28/2021 2021	8/2/2021
Lower End Damage	984	6/29/2021 2021	8/20/2021
Lower End Damage	6245	6/30/2021 2021	10/15/2021
Broken Valve	768	7/1/2021 2021	9/21/2021
Lower End Damage	553	7/1/2021 2021	10/2/2021
Broken Valve	790	7/1/2021 2021	10/12/2021
Broken Valve	875	7/2/2021 2021	8/16/2021
Lower End Damage	1241	7/2/2021 2021	9/20/2021
Broken Valve	1061	7/2/2021 2021	9/17/2021
Broken Valve	1770	7/2/2021 2021	10/20/2021
Lower End Damage	1481	7/2/2021 2021	10/28/2021
Broken Valve	1900	7/13/2021 2021	9/17/2021
Broken Valve	892	7/14/2021 2021	8/19/2021
Broken Valve	904	7/15/2021 2021	9/13/2021
Broken Valve	1646	7/27/2021 2021	10/19/2021
Broken Valve	744	8/3/2021 2021	10/25/2021
Broken Valve	2061	8/3/2021 2021	9/14/2021
Lower End Damage	525	8/3/2021 2021	9/16/2021
Broken Valve	821	8/3/2021 2021	9/24/2021
Broken Valve	2482	8/3/2021 2021	10/11/2021
Lower End Damage	880	8/4/2021 2021	10/11/2021
Broken Valve	1367	8/4/2021 2021	10/29/2021
Lower End Damage	1263	8/4/2021 2021	9/27/2021
Lower End Damage	3334	8/4/2021 2021	11/2/2021

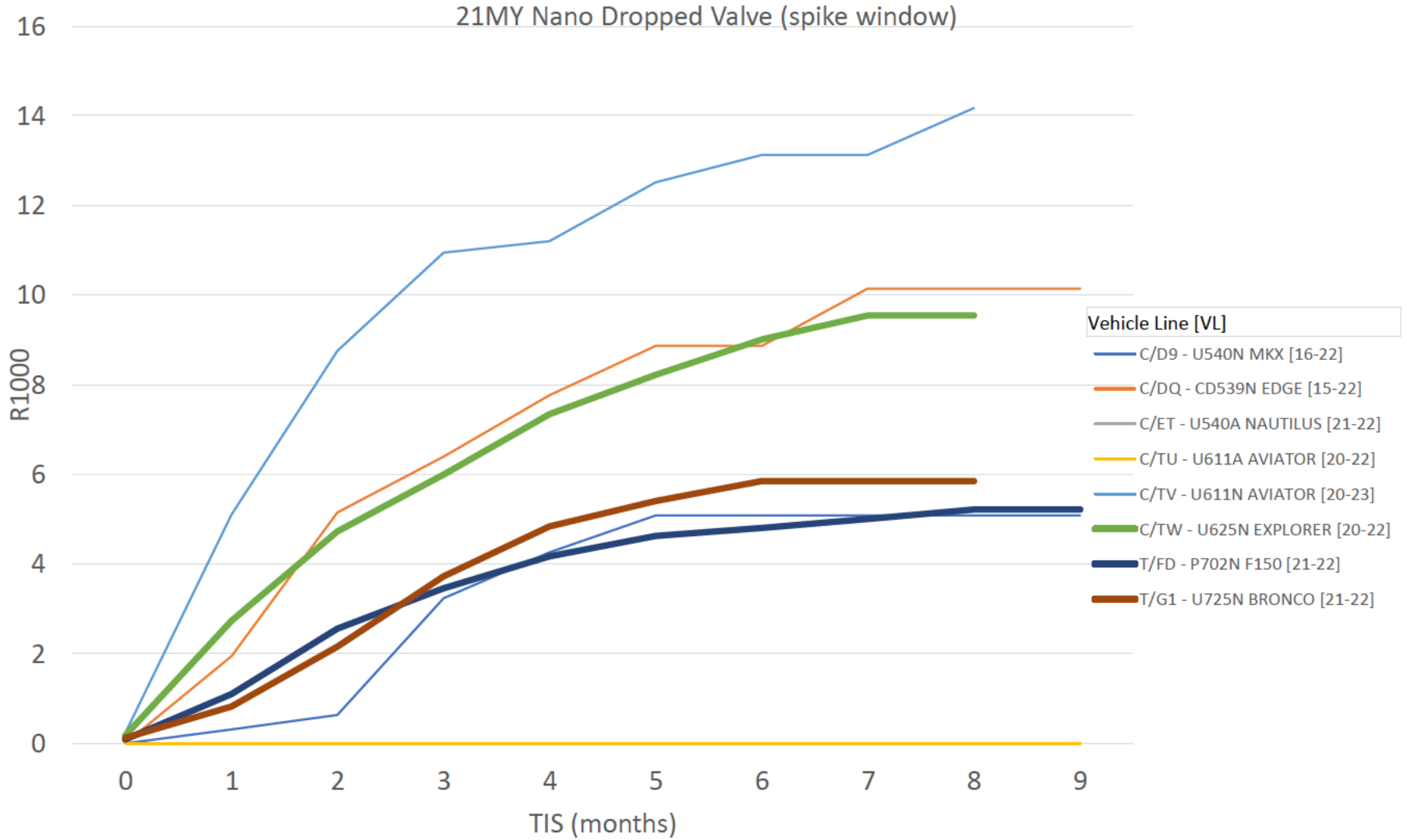
Broken Valve	1469	8/5/2021 2021	11/4/2021
Broken Valve	793	8/6/2021 2021	9/16/2021
Broken Valve	1421	8/7/2021 2021	9/21/2021
Lower End Damage	2678	8/7/2021 2021	9/30/2021
Broken Valve	779	8/10/2021 2021	9/22/2021
Lower End Damage	1178	8/10/2021 2021	10/2/2021
Broken Valve	1316	8/10/2021 2021	10/19/2021
Lower End Damage	1672	8/10/2021 2021	10/8/2021
Lower End Damage	1227	8/11/2021 2021	11/2/2021
Lower End Damage	1276	8/12/2021 2021	10/28/2021
Lower End Damage	1895	8/16/2021 2021	10/20/2021
Lower End Damage	957	8/16/2021 2021	11/3/2021
Lower End Damage	2530	8/19/2021 2021	10/21/2021
Lower End Damage	511	8/19/2021 2021	10/5/2021
Lower End Damage	2298	8/19/2021 2021	10/25/2021
Lower End Damage	132	8/20/2021 2021	9/14/2021
Broken Valve	803	8/20/2021 2021	9/28/2021
Broken Valve	2915	8/30/2021 2021	10/18/2021

PROD_MONTH	(blank)
TIS	0

Row Labels	Sum of VEHICLES
T/FD - P702N F150 [21-22]	46800
C/TW - U625N EXPLORER [20-22]	16527
T/G1 - U725N BRONCO [21-22]	14914
C/TV - U611N AVIATOR [20-23]	4127
C/D9 - U540N MKX [16-22]	3245
C/DQ - CD539N EDGE [15-22]	2607
C/TU - U611A AVIATOR [20-22]	1933
C/ET - U540A NAUTILUS [21-22]	1257
Grand Total	91410

PROD_MONTH

Sum of R1000



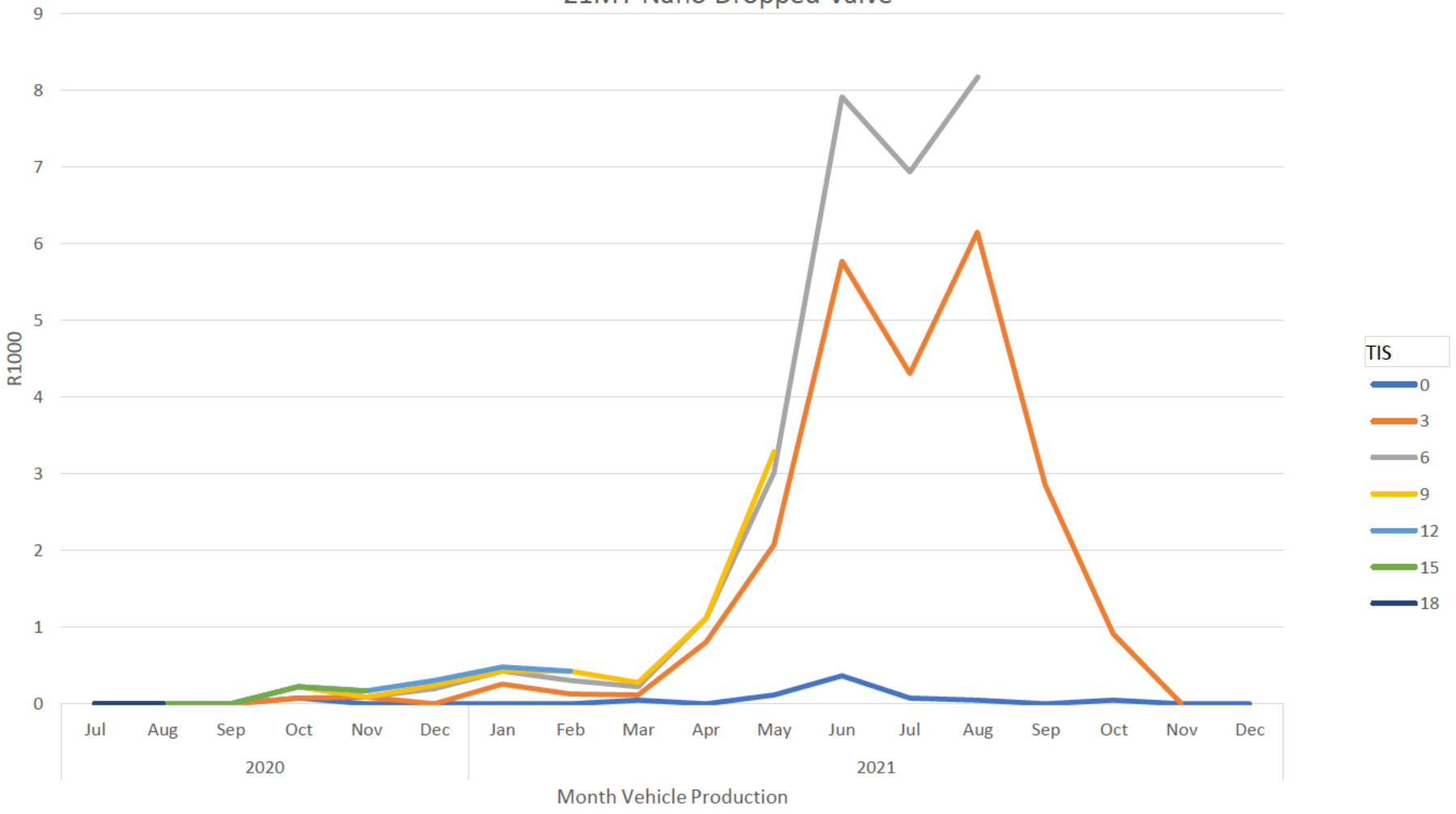
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PROD_MONTH (blank)

Sum of R1000		Column Labels								
Row Labels	C/D9 - U540N MKX [16-22]	C/DQ - CD539N EDGE [15-22]	C/ET - U540A NAUTILUS [21-22]	C/TU - U611A AVIATOR [20-22]	C/TV - U611N AVIATOR [20-23]	C/TW - U625N EXPLORER [20-22]	T/FD - P702N F150 [21-22]	T/G1 - U725N BRONCO [21-22]	Grand Total	
0	0	0	0	0	0.24	0.18	0.09	0.13	0.64	
1	0.31	1.95	0	0	5.1	2.74	1.1	0.82	12.02	
2	0.63	5.15	0	0	8.75	4.73	2.56	2.16	23.98	
3	3.24	6.39	0	0	10.95	5.99	3.46	3.72	33.75	
4	4.26	7.76	0	0	11.2	7.34	4.17	4.84	39.57	
5	5.09	8.87	0	0	12.51	8.22	4.63	5.4	44.72	
6	5.09	8.87	0	0	13.13	9.01	4.81	5.86	46.77	
7	5.09	10.15	0	0	13.13	9.55	5	5.86	48.78	
8	5.09	10.15	0	0	14.18	9.55	5.22	5.86	50.05	
9	5.09	10.15	0	0			5.22		20.46	
Grand Total	33.89	69.44	0	0	89.19	57.31	36.26	34.65	320.74	

Sum of R1000

21MY Nano Dropped Valve



Years PROD_MONTH

Sum of R1000	Column Labels							
Row Labels	0	3	6	9	12	15	18	Grand Total
2020	0.07	0.15	0.49	0.54	0.68	0.38	0	2.31
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0		0
Oct	0.07	0.07	0.22	0.22	0.22	0.22		1.02
Nov	0	0.08	0.08	0.08	0.16	0.16		0.56
Dec	0	0	0.19	0.24	0.3			0.73
2021	0.66	23.33	28.07	5.5	0.9			58.46
Jan	0	0.25	0.42	0.42	0.48			1.57
Feb	0	0.12	0.3	0.42	0.42			1.26
Mar	0.04	0.11	0.22	0.27				0.64
Apr	0	0.8	1.11	1.11				3.02
May	0.11	2.07	3.01	3.28				8.47
Jun	0.36	5.77	7.91					14.04
Jul	0.07	4.3	6.93					11.3
Aug	0.04	6.15	8.17					14.36
Sep	0	2.85						2.85
Oct	0.04	0.91						0.95
Nov	0	0						0
Dec	0							0
Grand Total	0.73	23.48	28.56	6.04	1.58	0.38	0	60.77

Concern	VIN	Mileage	Engine Build Date	Model Year	Repair Date
Broken Valve		933	3/20/2018	2018	5/24/2018
Broken Valve		5488	6/4/2019	2020	5/19/2020
Broken Valve		1577	6/18/2019	2020	5/4/2020
Broken Valve		0479	6/18/2019	2020	6/18/2020
Broken Valve		1282	6/21/2019	2020	5/13/2020
Broken Valve		5898	6/21/2019	2020	9/16/2020
Broken Valve		7026	6/24/2019	2020	4/27/2020
Broken Valve		743	6/27/2019	2020	2/6/2020
Broken Valve		9517	7/15/2019	2020	9/8/2020
Broken Valve		2100	7/25/2019	2020	12/26/2019
Broken Valve		956	8/27/2019	2020	2/10/2020
Broken Valve		1140	8/28/2019	2020	11/27/2019
Broken Valve		766	8/28/2019	2020	12/16/2019
Broken Valve		4153	8/29/2019	2020	5/22/2020
Broken Valve		471	8/30/2019	2020	6/22/2020
Broken Valve		1056	9/5/2019	2020	7/14/2020
Broken Valve		2426	9/18/2019	2020	1/21/2020
Broken Valve		2407	9/18/2019	2020	6/15/2020
Broken Valve		933	9/19/2019	2020	9/4/2020
Broken Valve		203	10/29/2019	2020	6/24/2020
Broken Valve		1842	2/14/2020	2020	4/29/2020
Broken Valve		1021	3/17/2020	2020	8/31/2020
Broken Valve		3200	3/19/2020	2020	9/9/2020
Broken Valve		869	6/5/2020	2020	10/19/2020
Broken Valve		2008	6/16/2020	2020	10/5/2020
Broken Valve		903	8/17/2020	2020	10/15/2020
Broken Valve		5302	11/4/2020	2021	2/25/2021
Broken Valve		4842	11/16/2020	2021	8/23/2021
Broken Valve		5599	11/16/2020	2021	9/4/2021
Broken Valve		9400	11/17/2020	2021	4/27/2021
Broken Valve		1203	12/14/2020	2021	2/13/2021
Broken Valve		2178	12/16/2020	2021	3/14/2021
Broken Valve		857	12/17/2020	2021	3/31/2021
Broken Valve		1956	12/17/2020	2021	10/5/2021
Broken Valve		1956	12/17/2020	2021	10/7/2021
Broken Valve		2080	1/7/2021	2021	3/17/2021
Broken Valve		513	1/8/2021	2021	3/5/2021
Broken Valve		1245	1/8/2021	2021	6/23/2021
Broken Valve		4614	1/14/2021	2021	6/30/2021
Broken Valve		1500	1/14/2021	2021	6/11/2021
Broken Valve		2919	1/15/2021	2021	6/28/2021
Broken Valve		3582	2/2/2021	2021	10/8/2021
Broken Valve		4348	2/3/2021	2021	7/7/2021
Broken Valve		1020	2/4/2021	2021	7/12/2021
Broken Valve		1757	3/3/2021	2021	7/12/2021
Broken Valve		2853	3/16/2021	2021	6/30/2021

Broken Valve	7350	3/18/2021 2021	10/11/2021
Broken Valve	2062	3/23/2021 2021	8/11/2021
Broken Valve	2275	3/25/2021 2021	8/24/2021
Broken Valve	2083	3/30/2021 2021	9/2/2021
Broken Valve	1456	3/31/2021 2021	11/15/2021
Broken Valve	1456	3/31/2021 2021	11/19/2021
Broken Valve	3439	4/1/2021 2021	9/4/2021
Broken Valve	862	4/7/2021 2021	11/4/2021
Broken Valve	1865	4/7/2021 2021	8/28/2021
Broken Valve	359	4/7/2021 2021	6/4/2021
Broken Valve	1471	4/7/2021 2021	7/12/2021
Broken Valve	1589	5/3/2021 2021	9/27/2021
Broken Valve	2781	5/3/2021 2021	7/12/2021
Broken Valve	1722	5/3/2021 2021	7/6/2021
Broken Valve	3474	5/4/2021 2021	11/16/2021
Broken Valve	1880	5/5/2021 2021	9/13/2021
Lower End Damag	1669	5/5/2021 2021	11/1/2021
Broken Valve	4218	5/6/2021 2021	10/22/2021
Lower End Damag	861	5/6/2021 2021	10/18/2021
Broken Valve	2285	5/6/2021 2021	8/10/2021
Broken Valve	1188	5/7/2021 2021	10/4/2021
Broken Valve	1188	5/7/2021 2021	10/29/2021
Broken Valve	3691	5/7/2021 2021	8/23/2021
Broken Valve	3199	5/7/2021 2021	10/11/2021
Broken Valve	462	5/7/2021 2021	8/19/2021
Broken Valve	2485	5/7/2021 2021	9/13/2021
Broken Valve	1041	5/7/2021 2021	8/9/2021
Broken Valve	1497	5/7/2021 2021	8/2/2021
Broken Valve	1428	5/7/2021 2021	7/1/2021
Broken Valve	2607	5/7/2021 2021	9/29/2021
Broken Valve	2381	5/7/2021 2021	9/9/2021
Lower End Damag	1796	5/7/2021 2021	9/8/2021
Lower End Damag	1890	5/7/2021 2021	8/4/2021
Lower End Damag	1005	5/7/2021 2021	11/18/2021
Lower End Damag	1461	5/7/2021 2021	9/30/2021
Broken Valve	2094	5/10/2021 2021	8/3/2021
Broken Valve	3722	5/10/2021 2021	8/27/2021
Broken Valve	1816	5/10/2021 2021	10/4/2021
Broken Valve	1832	5/10/2021 2021	9/10/2021
Broken Valve	1178	5/10/2021 2021	9/3/2021
Broken Valve	2110	5/10/2021 2021	11/15/2021
Broken Valve	2417	5/10/2021 2021	8/23/2021
Broken Valve	944	5/10/2021 2021	11/1/2021
Broken Valve	410	5/10/2021 2021	10/8/2021
Lower End Damag	3548	5/10/2021 2021	9/27/2021
Lower End Damag	1212	5/10/2021 2021	8/13/2021
Lower End Damag	2169	5/10/2021 2021	10/18/2021

Lower End Damage	038	5/10/2021	2021	10/8/2021
Broken Valve	388	5/11/2021	2021	7/12/2021
Broken Valve	372	5/11/2021	2021	8/23/2021
Lower End Damage	315	5/11/2021	2021	10/23/2021
Broken Valve	327	5/11/2021	2021	11/12/2021
Broken Valve	230	5/11/2021	2021	7/17/2021
Broken Valve	960	5/11/2021	2021	7/30/2021
Broken Valve	421	5/11/2021	2021	10/18/2021
Broken Valve	214	5/11/2021	2021	10/12/2021
Broken Valve	367	5/11/2021	2021	10/4/2021
Broken Valve	668	5/11/2021	2021	8/18/2021
Broken Valve	100	5/11/2021	2021	9/20/2021
Broken Valve	918	5/11/2021	2021	9/25/2021
Lower End Damage	771	5/11/2021	2021	9/1/2021
Lower End Damage	885	5/11/2021	2021	9/7/2021
Broken Valve	237	5/12/2021	2021	10/17/2021
Broken Valve	800	5/12/2021	2021	9/13/2021
Broken Valve	623	5/12/2021	2021	7/17/2021
Lower End Damage	339	5/12/2021	2021	7/28/2021
Broken Valve	524	5/12/2021	2021	9/15/2021
Lower End Damage	545	5/12/2021	2021	9/11/2021
Broken Valve	462	5/12/2021	2021	11/4/2021
Broken Valve	861	5/12/2021	2021	6/26/2021
Broken Valve	990	5/12/2021	2021	11/9/2021
Broken Valve	105	5/12/2021	2021	11/15/2021
Lower End Damage	112	5/12/2021	2021	9/27/2021
Lower End Damage	406	5/12/2021	2021	9/28/2021
Lower End Damage	378	5/13/2021	2021	8/6/2021
Broken Valve	144	5/13/2021	2021	10/6/2021
Broken Valve	717	5/13/2021	2021	8/16/2021
Broken Valve	642	5/13/2021	2021	8/9/2021
Broken Valve	906	5/13/2021	2021	11/12/2021
Broken Valve	444	5/13/2021	2021	9/7/2021
Broken Valve	505	5/13/2021	2021	8/3/2021
Broken Valve	947	5/13/2021	2021	8/18/2021
Broken Valve	914	5/13/2021	2021	9/11/2021
Broken Valve	688	5/13/2021	2021	7/30/2021
Broken Valve	152	5/13/2021	2021	7/16/2021
Broken Valve	070	5/13/2021	2021	8/5/2021
Broken Valve	457	5/13/2021	2021	9/16/2021
Broken Valve	006	5/13/2021	2021	9/29/2021
Lower End Damage	544	5/13/2021	2021	12/14/2021
Broken Valve	398	5/14/2021	2021	9/27/2021
Broken Valve	404	5/14/2021	2021	10/26/2021
Broken Valve	888	5/14/2021	2021	9/7/2021
Lower End Damage	985	5/14/2021	2021	12/13/2021
Broken Valve	086	6/7/2021	2021	12/2/2021

Lower End Damage	272	6/8/2021	2021	11/2/2021
Broken Valve	1168	6/9/2021	2021	9/14/2021
Broken Valve	1856	6/9/2021	2021	11/6/2021
Broken Valve	2762	6/9/2021	2021	9/4/2021
Lower End Damage	2170	6/9/2021	2021	11/12/2021
Lower End Damage	240	6/9/2021	2021	9/7/2021
Broken Valve	2394	6/9/2021	2021	9/10/2021
Lower End Damage	900	6/9/2021	2021	11/2/2021
Lower End Damage	2199	6/9/2021	2021	11/9/2021
Lower End Damage	4357	6/9/2021	2021	11/22/2021
Broken Valve	2743	6/10/2021	2021	11/15/2021
Broken Valve	1146	6/10/2021	2021	7/22/2021
Broken Valve	1146	6/10/2021	2021	7/27/2021
Broken Valve	601	6/10/2021	2021	8/23/2021
Broken Valve	3592	6/10/2021	2021	9/25/2021
Broken Valve	1393	6/11/2021	2021	10/6/2021
Broken Valve	984	6/11/2021	2021	10/1/2021
Broken Valve	3402	6/11/2021	2021	8/30/2021
Broken Valve	1509	6/11/2021	2021	8/3/2021
Broken Valve	3025	6/11/2021	2021	9/20/2021
Broken Valve	2911	6/11/2021	2021	9/22/2021
Broken Valve	710	6/11/2021	2021	7/19/2021
Broken Valve	4760	6/11/2021	2021	11/2/2021
Broken Valve	934	6/11/2021	2021	8/9/2021
Broken Valve	1528	6/11/2021	2021	9/14/2021
Lower End Damage	267	6/11/2021	2021	7/31/2021
Lower End Damage	6	6/11/2021	2021	7/21/2021
Lower End Damage	933	6/11/2021	2021	9/29/2021
Lower End Damage	4622	6/11/2021	2021	11/17/2021
Broken Valve	1960	6/11/2021	2021	9/29/2021
Broken Valve	1165	6/11/2021	2021	10/15/2021
Lower End Damage	2778	6/11/2021	2021	11/12/2021
Lower End Damage	1953	6/11/2021	2021	10/14/2021
Lower End Damage	4913	6/11/2021	2021	10/5/2021
Broken Valve	791	6/14/2021	2021	8/4/2021
Broken Valve	383	6/14/2021	2021	9/27/2021
Broken Valve	1614	6/14/2021	2021	10/5/2021
Broken Valve	667	6/14/2021	2021	9/7/2021
Broken Valve	1571	6/14/2021	2021	9/25/2021
Broken Valve	3575	6/14/2021	2021	10/18/2021
Broken Valve	1160	6/14/2021	2021	7/30/2021
Broken Valve	1909	6/14/2021	2021	8/31/2021
Broken Valve	577	6/14/2021	2021	8/16/2021
Broken Valve	1346	6/14/2021	2021	7/29/2021
Broken Valve	1464	6/14/2021	2021	9/14/2021
Broken Valve	2318	6/14/2021	2021	11/9/2021
Broken Valve	1485	6/14/2021	2021	9/20/2021

Lower End Dama	450	6/14/2021	2021	9/21/2021
Broken Valve	743	6/14/2021	2021	7/26/2021
Broken Valve	937	6/14/2021	2021	11/30/2021
Broken Valve	950	6/14/2021	2021	9/7/2021
Broken Valve	167	6/14/2021	2021	7/22/2021
Broken Valve	907	6/15/2021	2021	10/25/2021
Broken Valve	027	6/15/2021	2021	9/28/2021
Lower End Dama	907	6/15/2021	2021	11/11/2021
Lower End Dama	322	6/17/2021	2021	11/19/2021
Broken Valve	790	6/17/2021	2021	9/20/2021
Broken Valve	671	6/17/2021	2021	12/15/2021
Broken Valve	183	6/17/2021	2021	10/2/2021
Broken Valve	412	6/17/2021	2021	10/19/2021
Lower End Dama	420	6/17/2021	2021	8/21/2021
Lower End Dama	870	6/17/2021	2021	9/15/2021
Lower End Dama	551	6/17/2021	2021	10/18/2021
Broken Valve	578	6/17/2021	2021	9/22/2021
Lower End Dama	918	6/18/2021	2021	9/8/2021
Lower End Dama	160	6/18/2021	2021	11/1/2021
Broken Valve	627	6/18/2021	2021	10/6/2021
Broken Valve	255	6/18/2021	2021	11/5/2021
Lower End Dama	255	6/18/2021	2021	11/9/2021
Lower End Dama	423	6/18/2021	2021	9/4/2021
Broken Valve	731	6/18/2021	2021	12/13/2021
Broken Valve	985	6/18/2021	2021	8/23/2021
Lower End Dama	550	6/18/2021	2021	8/4/2021
Lower End Dama	017	6/18/2021	2021	10/25/2021
Broken Valve	502	6/21/2021	2021	11/10/2021
Broken Valve	316	6/21/2021	2021	8/14/2021
Broken Valve	443	6/21/2021	2021	8/17/2021
Broken Valve	246	6/21/2021	2021	10/23/2021
Lower End Dama	858	6/21/2021	2021	9/18/2021
Broken Valve	014	6/22/2021	2021	10/4/2021
Broken Valve	014	6/22/2021	2021	10/12/2021
Broken Valve	755	6/22/2021	2021	11/30/2021
Broken Valve	598	6/22/2021	2021	9/7/2021
Broken Valve	094	6/22/2021	2021	8/16/2021
Broken Valve	984	6/22/2021	2021	8/9/2021
Broken Valve	787	6/22/2021	2021	9/29/2021
Lower End Dama	729	6/22/2021	2021	9/13/2021
Lower End Dama	19	6/22/2021	2021	8/20/2021
Lower End Dama	228	6/22/2021	2021	11/16/2021
Broken Valve	959	6/23/2021	2021	8/26/2021
Broken Valve	736	6/23/2021	2021	11/16/2021
Broken Valve	646	6/23/2021	2021	11/16/2021
Broken Valve	272	6/23/2021	2021	11/2/2021
Broken Valve	682	6/24/2021	2021	9/22/2021

Broken Valve	1800	6/24/2021 2021	9/8/2021
Broken Valve	3026	6/24/2021 2021	9/16/2021
Lower End Damage	2317	6/24/2021 2021	11/1/2021
Broken Valve	1294	6/28/2021 2021	10/13/2021
Lower End Damage	1581	6/28/2021 2021	10/11/2021
Broken Valve	5084	6/28/2021 2021	12/13/2021
Broken Valve	588	6/28/2021 2021	8/2/2021
Broken Valve	2305	6/28/2021 2021	10/5/2021
Broken Valve	1209	6/28/2021 2021	11/20/2021
Lower End Damage	1822	6/28/2021 2021	10/29/2021
Broken Valve	984	6/29/2021 2021	8/20/2021
Broken Valve	6245	6/30/2021 2021	10/15/2021
Broken Valve	2500	6/30/2021 2021	10/11/2021
Broken Valve	768	7/1/2021 2021	9/21/2021
Broken Valve	768	7/1/2021 2021	12/6/2021
Broken Valve	790	7/1/2021 2021	10/12/2021
Lower End Damage	730	7/1/2021 2021	10/13/2021
Lower End Damage	1	7/1/2021 2021	9/28/2021
Broken Valve	875	7/2/2021 2021	8/16/2021
Broken Valve	1061	7/2/2021 2021	9/17/2021
Broken Valve	1215	7/2/2021 2021	10/18/2021
Broken Valve	945	7/2/2021 2021	10/22/2021
Broken Valve	1770	7/2/2021 2021	10/4/2021
Lower End Damage	1241	7/2/2021 2021	9/20/2021
Lower End Damage	1481	7/2/2021 2021	10/25/2021
Broken Valve	1900	7/13/2021 2021	9/17/2021
Lower End Damage	586	7/13/2021 2021	11/10/2021
Broken Valve	892	7/14/2021 2021	8/19/2021
Broken Valve	904	7/15/2021 2021	9/13/2021
Broken Valve	1862	7/25/2021 2021	10/22/2021
Broken Valve	3038	7/26/2021 2021	12/14/2021
Broken Valve	1646	7/27/2021 2021	10/15/2021
Broken Valve	1466	7/28/2021 2021	10/22/2021
Broken Valve	3321	7/29/2021 2021	11/30/2021
Broken Valve	2089	7/29/2021 2021	10/18/2021
Broken Valve	8090	7/29/2021 2021	11/24/2021
Lower End Damage	2205	7/29/2021 2021	10/19/2021
Broken Valve	1912	7/30/2021 2021	12/15/2021
Lower End Damage	2229	7/30/2021 2021	12/14/2021
Broken Valve	2844	8/2/2021 2021	11/22/2021
Lower End Damage	2012	8/2/2021 2021	12/10/2021
Broken Valve	3011	8/2/2021 2021	9/27/2021
Broken Valve	987	8/2/2021 2021	11/16/2021
Lower End Damage	3541	8/2/2021 2021	11/22/2021
Lower End Damage	1058	8/2/2021 2021	10/25/2021
Broken Valve	744	8/3/2021 2021	10/11/2021
Broken Valve	744	8/3/2021 2021	10/25/2021

Broken Valve	953	8/3/2021	2021	11/8/2021
Broken Valve	061	8/3/2021	2021	9/14/2021
Broken Valve	869	8/3/2021	2021	11/1/2021
Broken Valve	913	8/3/2021	2021	9/30/2021
Lower End Damage	273	8/3/2021	2021	12/1/2021
Lower End Damage	477	8/3/2021	2021	11/12/2021
Lower End Damage	525	8/3/2021	2021	9/16/2021
Lower End Damage	825	8/3/2021	2021	11/8/2021
Lower End Damage	292	8/3/2021	2021	11/9/2021
Broken Valve	821	8/3/2021	2021	9/24/2021
Broken Valve	303	8/3/2021	2021	12/3/2021
Broken Valve	482	8/3/2021	2021	10/11/2021
Lower End Damage	520	8/3/2021	2021	11/22/2021
Broken Valve	880	8/4/2021	2021	10/11/2021
Broken Valve	367	8/4/2021	2021	10/21/2021
Broken Valve	375	8/4/2021	2021	11/22/2021
Broken Valve	334	8/4/2021	2021	10/25/2021
Broken Valve	333	8/4/2021	2021	11/3/2021
Broken Valve	263	8/4/2021	2021	9/27/2021
Broken Valve	561	8/4/2021	2021	9/7/2021
Lower End Damage	182	8/4/2021	2021	10/5/2021
Broken Valve	410	8/4/2021	2021	12/7/2021
Broken Valve	321	8/4/2021	2021	11/10/2021
Broken Valve	524	8/4/2021	2021	10/14/2021
Broken Valve	524	8/4/2021	2021	11/10/2021
Broken Valve	469	8/5/2021	2021	11/4/2021
Broken Valve	391	8/6/2021	2021	10/25/2021
Broken Valve	793	8/6/2021	2021	9/16/2021
Broken Valve	009	8/6/2021	2021	10/20/2021
Broken Valve	856	8/7/2021	2021	10/13/2021
Broken Valve	891	8/7/2021	2021	10/30/2021
Broken Valve	421	8/7/2021	2021	9/17/2021
Broken Valve	748	8/7/2021	2021	10/8/2021
Lower End Damage	446	8/7/2021	2021	9/23/2021
Lower End Damage	678	8/7/2021	2021	9/30/2021
Broken Valve	145	8/9/2021	2021	10/1/2021
Broken Valve	079	8/9/2021	2021	11/22/2021
Broken Valve	416	8/9/2021	2021	11/26/2021
Broken Valve	460	8/10/2021	2021	11/22/2021
Broken Valve	460	8/10/2021	2021	12/3/2021
Broken Valve	316	8/10/2021	2021	10/12/2021
Broken Valve	779	8/10/2021	2021	9/22/2021
Lower End Damage	582	8/10/2021	2021	10/5/2021
Lower End Damage	223	8/10/2021	2021	11/22/2021
Lower End Damage	672	8/10/2021	2021	10/8/2021
Lower End Damage	447	8/10/2021	2021	11/30/2021
Lower End Damage	711	8/10/2021	2021	10/18/2021

Lower End Damage	1178	8/10/2021	2021	10/2/2021
Lower End Damage	1227	8/11/2021	2021	11/2/2021
Lower End Damage	1276	8/12/2021	2021	10/28/2021
Broken Valve	5678	8/12/2021	2021	11/29/2021
Lower End Damage	709	8/12/2021	2021	11/29/2021
Lower End Damage	739	8/16/2021	2021	11/11/2021
Broken Valve	1895	8/16/2021	2021	10/18/2021
Broken Valve	1895	8/16/2021	2021	10/20/2021
Broken Valve	1097	8/16/2021	2021	10/11/2021
Broken Valve	2331	8/16/2021	2021	11/19/2021
Lower End Damage	454	8/16/2021	2021	11/9/2021
Lower End Damage	974	8/16/2021	2021	10/23/2021
Broken Valve	1932	8/16/2021	2021	12/3/2021
Lower End Damage	2678	8/16/2021	2021	12/4/2021
Broken Valve	1304	8/17/2021	2021	11/23/2021
Broken Valve	3034	8/17/2021	2021	12/20/2021
Lower End Damage	1461	8/17/2021	2021	11/11/2021
Lower End Damage	1461	8/17/2021	2021	11/15/2021
Broken Valve	608	8/17/2021	2021	10/4/2021
Lower End Damage	173	8/18/2021	2021	10/29/2021
Broken Valve	739	8/19/2021	2021	10/5/2021
Lower End Damage	2530	8/19/2021	2021	10/21/2021
Broken Valve	1316	8/19/2021	2021	10/22/2021
Broken Valve	2762	8/19/2021	2021	11/15/2021
Broken Valve	2610	8/19/2021	2021	11/22/2021
Broken Valve	1284	8/19/2021	2021	10/18/2021
Broken Valve	639	8/19/2021	2021	9/29/2021
Lower End Damage	2317	8/19/2021	2021	12/10/2021
Lower End Damage	511	8/19/2021	2021	10/5/2021
Lower End Damage	1024	8/19/2021	2021	10/8/2021
Broken Valve	2298	8/19/2021	2021	10/18/2021
Broken Valve	1192	8/19/2021	2021	9/30/2021
Broken Valve	2775	8/19/2021	2021	11/10/2021
Broken Valve	2775	8/19/2021	2021	11/11/2021
Broken Valve	4375	8/19/2021	2021	10/22/2021
Broken Valve	1799	8/19/2021	2021	10/8/2021
Lower End Damage	3736	8/19/2021	2021	12/11/2021
Lower End Damage	2975	8/19/2021	2021	12/2/2021
Lower End Damage	1232	8/19/2021	2021	11/22/2021
Lower End Damage	2479	8/19/2021	2021	11/1/2021
Lower End Damage	2200	8/19/2021	2021	11/10/2021
Broken Valve	656	8/20/2021	2021	10/25/2021
Broken Valve	1281	8/20/2021	2021	11/16/2021
Broken Valve	6145	8/20/2021	2021	12/10/2021
Lower End Damage	1458	8/20/2021	2021	10/13/2021
Broken Valve	2321	8/20/2021	2021	10/18/2021
Broken Valve	823	8/20/2021	2021	10/4/2021

Broken Valve	03	8/20/2021 2021	9/28/2021
Broken Valve	20	8/20/2021 2021	12/7/2021
Lower End Damage	32	8/20/2021 2021	9/14/2021
Lower End Damage	37	8/20/2021 2021	11/2/2021
Lower End Damage	76	8/20/2021 2021	10/12/2021
Lower End Damage	97	8/20/2021 2021	11/4/2021
Lower End Damage	86	8/30/2021 2022	12/1/2021
Broken Valve	15	8/30/2021 2021	10/6/2021
Broken Valve	13	8/30/2021 2021	10/19/2021
Lower End Damage	35	8/30/2021 2021	10/12/2021
Broken Valve	88	8/30/2021 2021	11/15/2021
Lower End Damage	20	8/30/2021 2021	11/22/2021
Lower End Damage	36	8/31/2021 2021	12/15/2021
Broken Valve	63	8/31/2021 2021	12/2/2021
Broken Valve	89	9/1/2021 2021	12/15/2021
Broken Valve	94	9/1/2021 2021	11/30/2021
Broken Valve	94	9/1/2021 2021	12/1/2021
Lower End Damage	22	9/28/2021 2022	10/27/2021
Lower End Damage	32	10/12/2021 2022	11/8/2021

From: Simon, David (D.)
Sent: Friday, January 21, 2022 7:11 AM
To: Steslicki, Michael (M.E.)
Subject: RE: 2.7L and 3.0L dropped valve R/1000

Thanks Mike!

Thanks,
Dave

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From: Steslicki, Michael (M.E.) <msteslic@ford.com>
Sent: Friday, January 21, 2022 7:02 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: 2.7L and 3.0L dropped valve R/1000

1. 21 MYTD – R/1000 – 2.7L and 3.0L separately – See tab “TIS Chart” – This one should be exactly how you need it
2. R/1000 vs. '21 MOP – 2.7L and 3.0L separately – See tab “Stack Chart” – This one is set at 3 MIS in the upper left corner drop down. You can change this one to 0 MIS, 1 MIS, etc...

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Simon, David (D.) <dsimon1@ford.com>
Sent: Thursday, January 20, 2022 6:47 PM
To: Steslicki, Michael (M.E.) <msteslic@ford.com>
Subject: RE: 2.7L and 3.0L dropped valve R/1000

Tomorrow morning is fine.

Thanks,
Dave

"The information herein is FORD PROPRIETARY information and may include FORD CONFIDENTIAL information as defined in Ford's Global Information Standard II. Reproduction of this document, disclosure of the information, and use for any purpose other than the conduct of business with Ford is expressly prohibited."

From: Steslicki, Michael (M.E.) <msteslic@ford.com>
Sent: Thursday, January 20, 2022 6:47 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: Re: 2.7L and 3.0L dropped valve R/1000

I'll run it first thing in the morning. Or tonight depending on when I get home.

Sent from my iPhone

On Jan 20, 2022, at 6:33 PM, Simon, David (D.) <dsimon1@ford.com> wrote:

Hi Mike,

Mike Felix would like a R/1000 for 2.7L and 3.0L dropped valves (separately). Can you put together the latest data and show:

1. 21 MYTD – R/1000 – 2.7L and 3.0L separately
2. R/1000 vs. '21 MOP – 2.7L and 3.0L separately

We should include the lower end damage engines that we believe will be dropped valves.

Mike would like this in the morning if that's possible.

Thanks,
Dave

David Simon
Quality and OPD Manager
IPTSE North America
Ford Motor Company
Mobile: (980) 395-3282

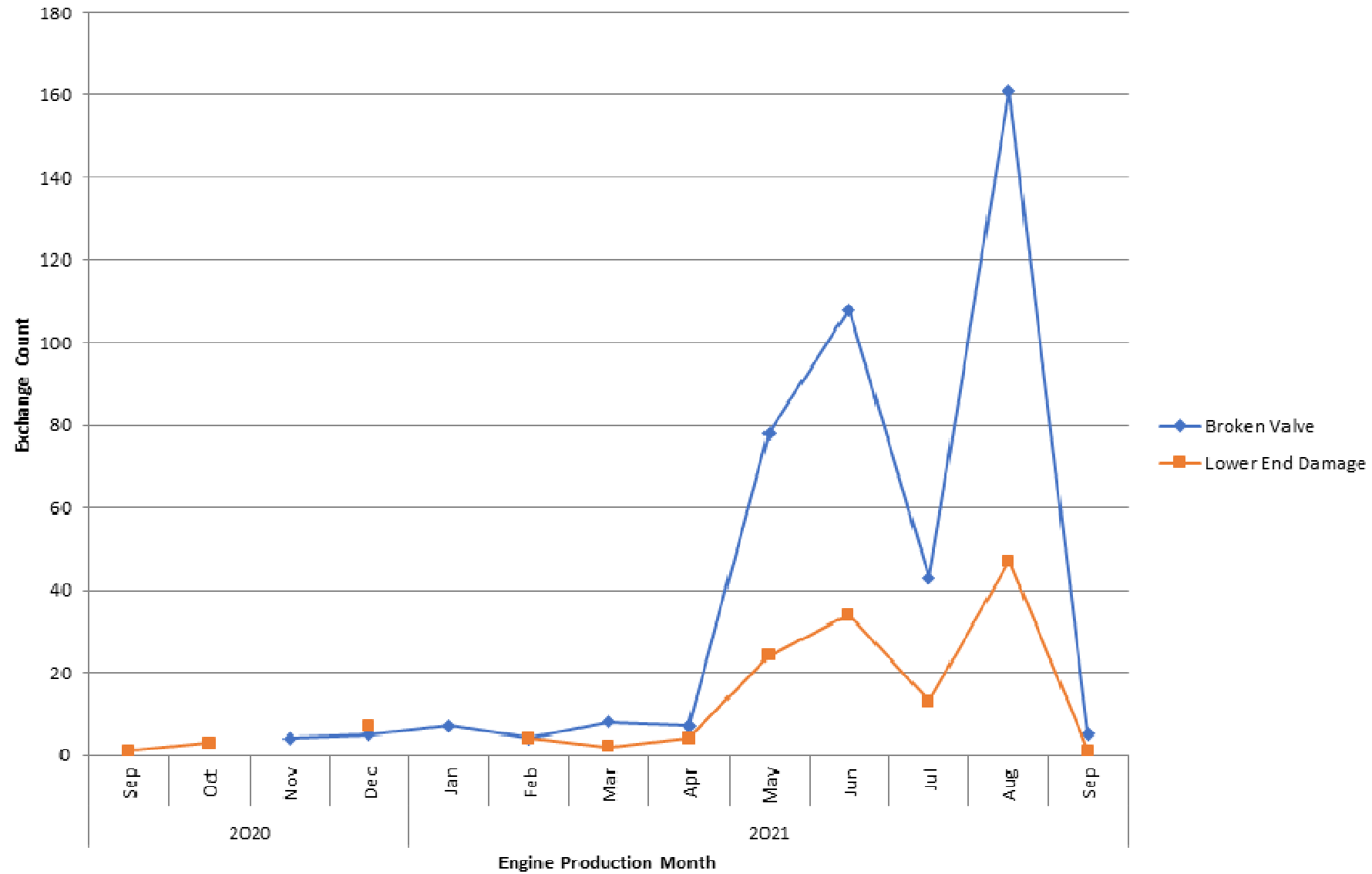
From: Steslicki, Michael (M.E.)
Sent: Monday, March 28, 2022 1:55 PM
To: Simon, David (D.); Corbett, Sandy (S.M.)
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/28/22...

Broken Valve – 433
Lower End Damage – 142

2021-2022 MY Nano Engine Exchanges

Updated: 3/28/22



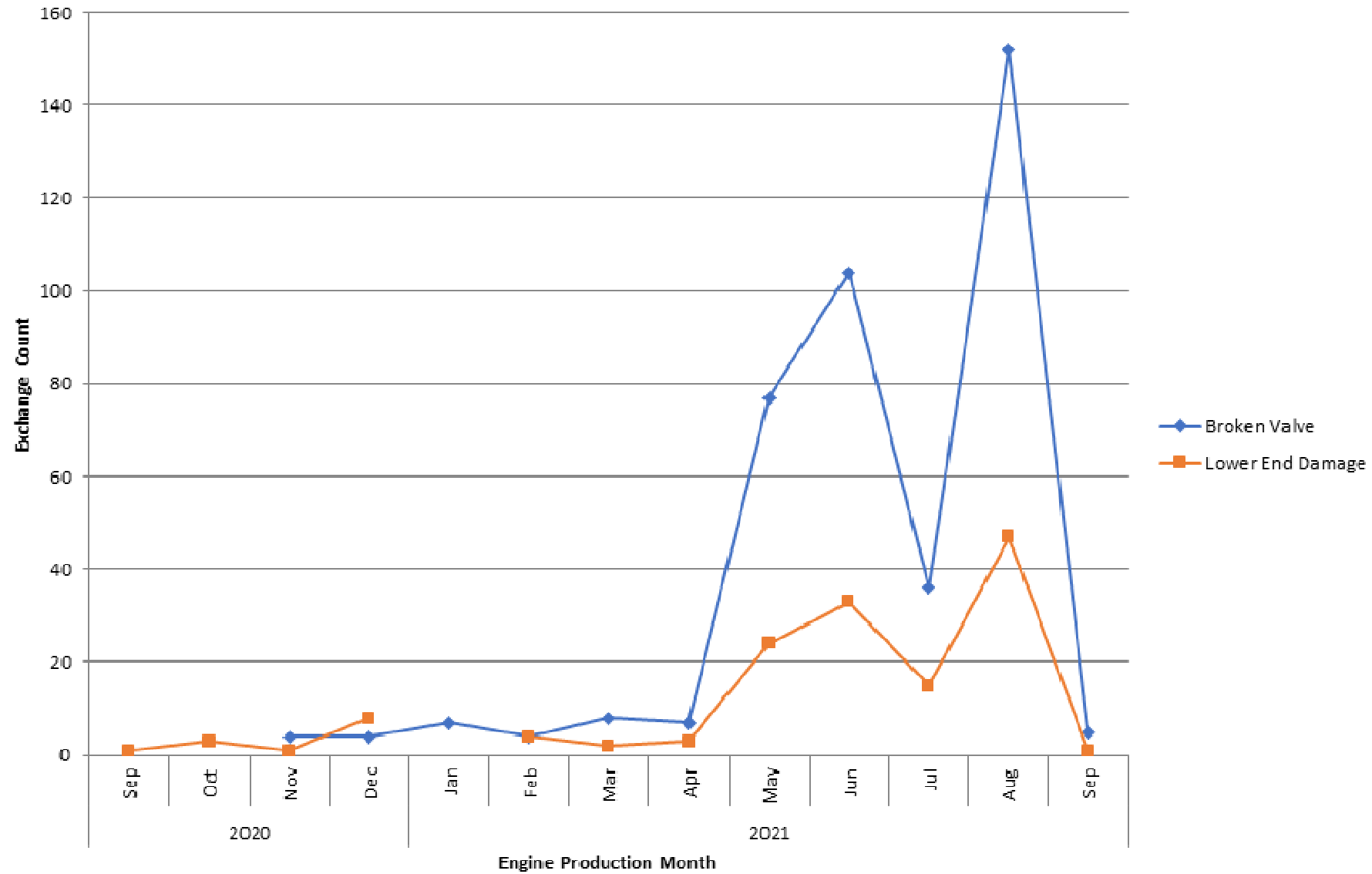
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 21, 2022 3:05 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/21/22...

Broken Valve – 410
Lower End Damage – 144

2021 MY Nano Engine Exchanges Updated: 3/21/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 14, 2022 4:43 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

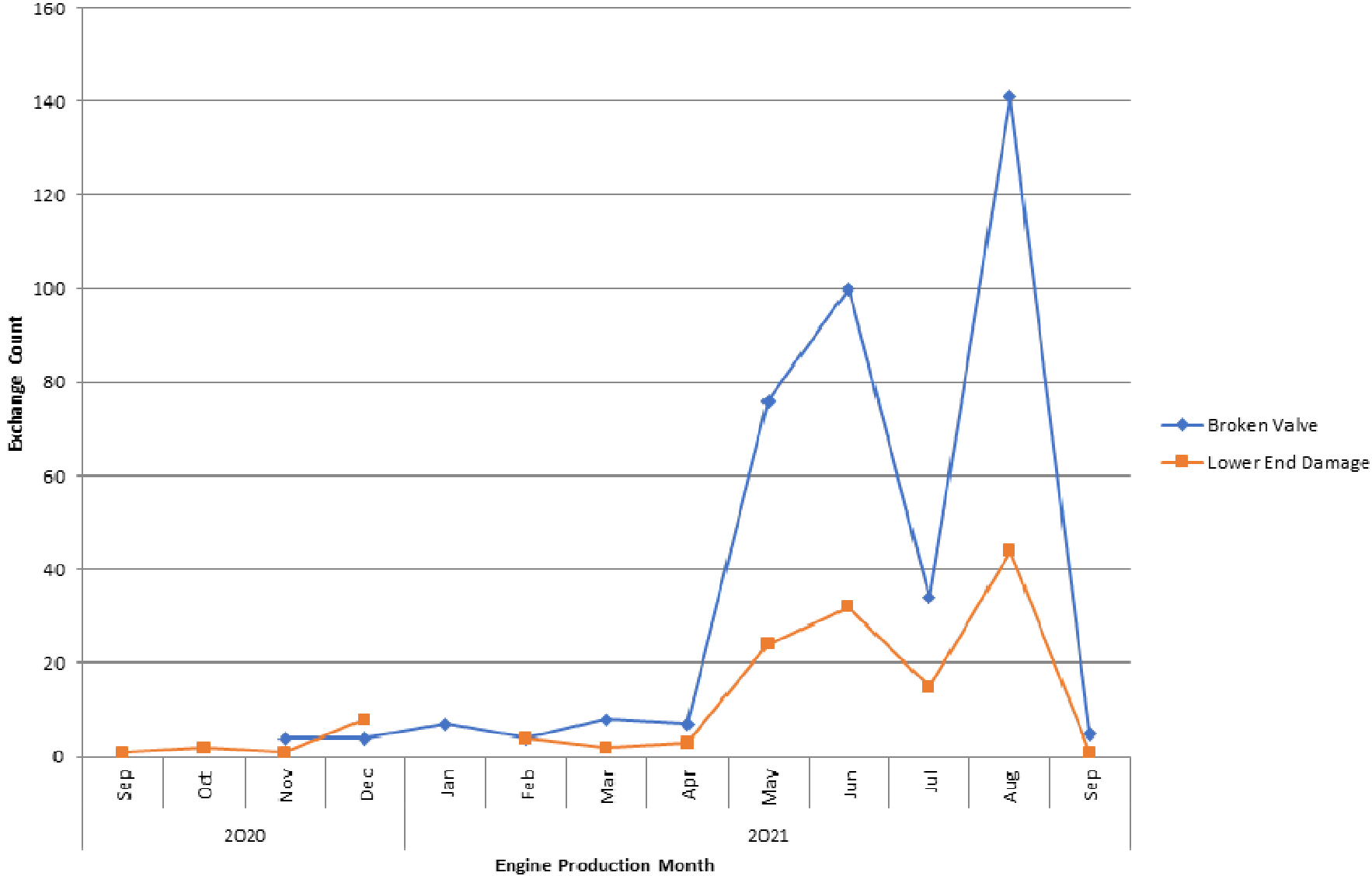
Sandy, FYI, this is a weekly update I give to Dave on the Nano broken valve engine exchanges. The exchanges listed as broken valve are based on dealer and/or teardown comments. The exchanges listed as lower end damage are not back or torn down yet, and don't specifically say broken valve in the dealer write-up, but based on what they do say, we highly suspect that they are broken valves.

As of 3/14/22...

Broken Valve – 391
Lower End Damage – 139

2021 MY Nano Engine Exchanges

Updated: 3/14/22



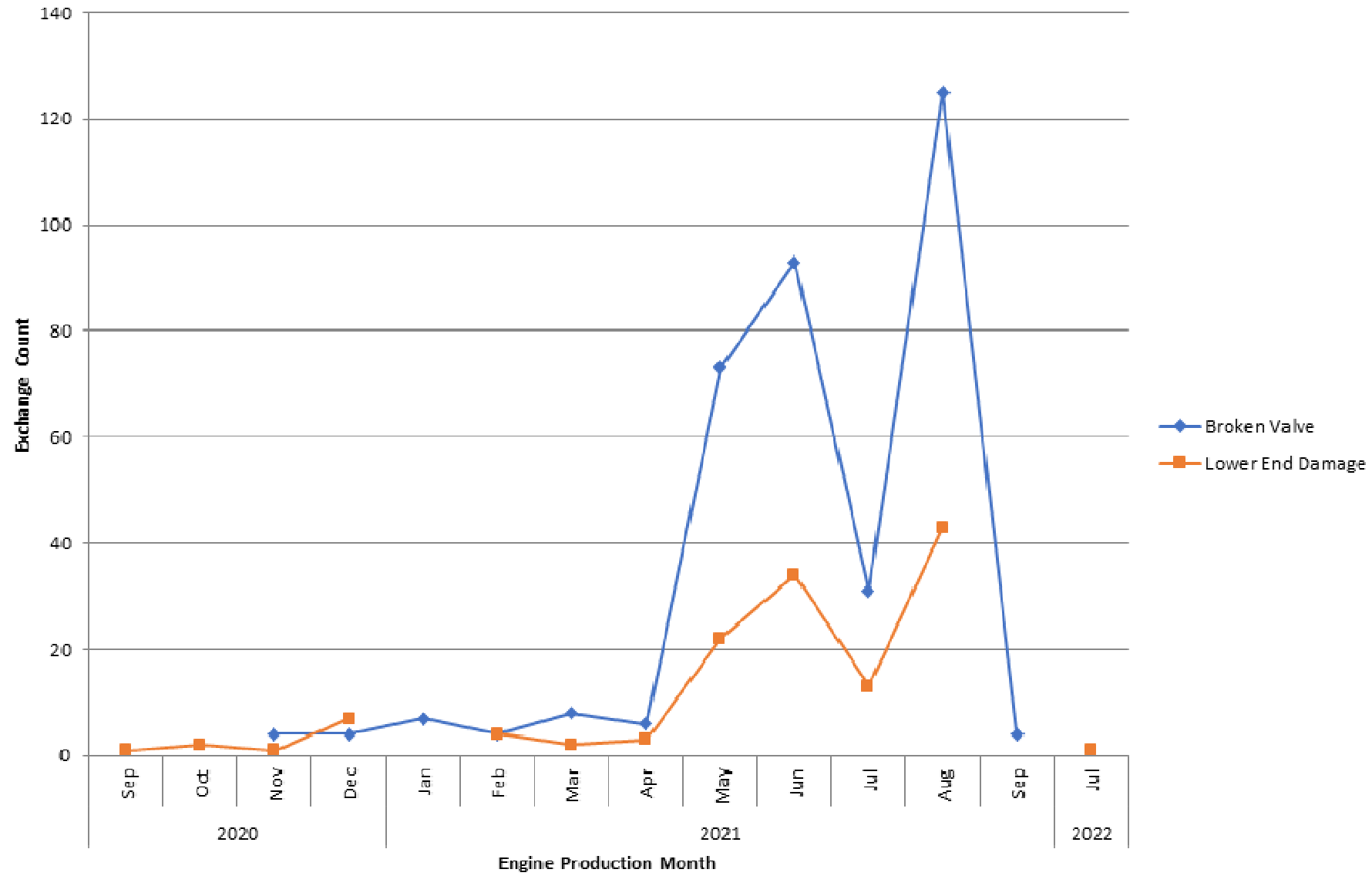
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 7, 2022 12:09 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/7/22...

Broken Valve – 360
Lower End Damage – 135

2021 MY Nano Engine Exchanges Updated: 3/7/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
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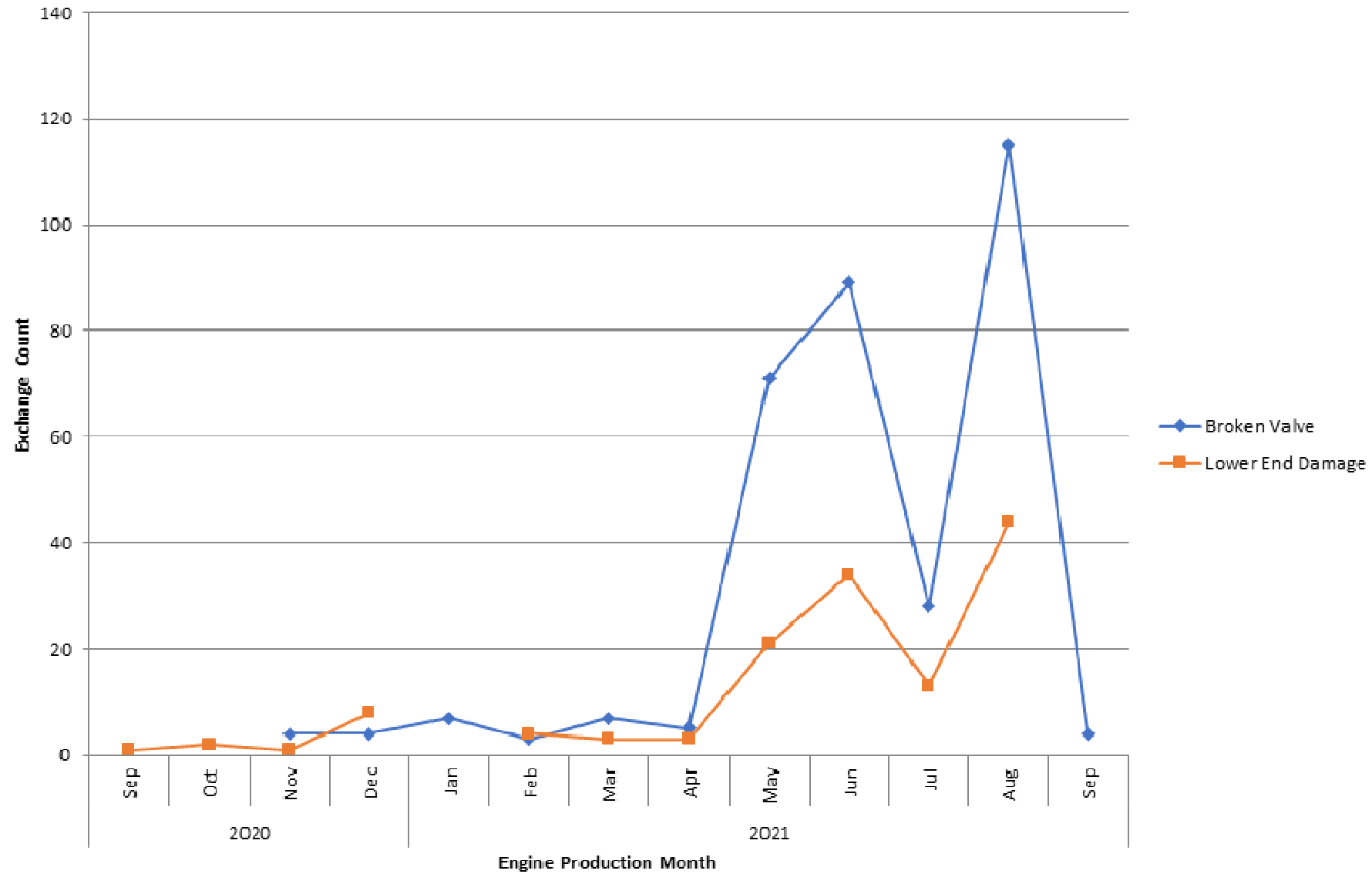
From: Steslicki, Michael (M.E.)
Sent: Monday, February 28, 2022 2:20 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/28/22...

Broken Valve – 338
Lower End Damage – 136

2021 MY Nano Engine Exchanges

Updated: 2/28/22



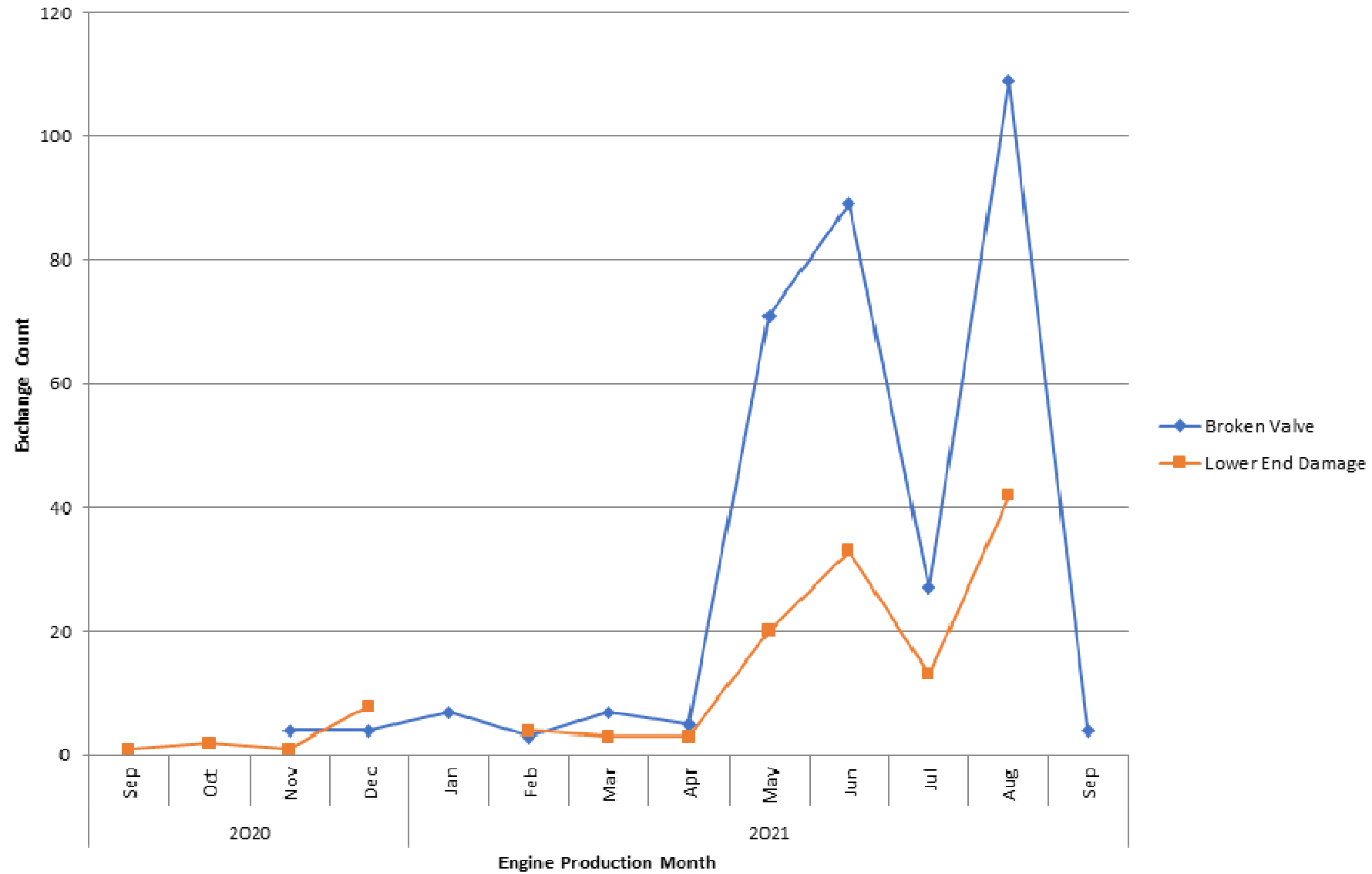
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, February 21, 2022 9:57 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/21/22...

Broken Valve – 331
Lower End Damage – 132

2021 MY Nano Engine Exchanges Updated: 2/21/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

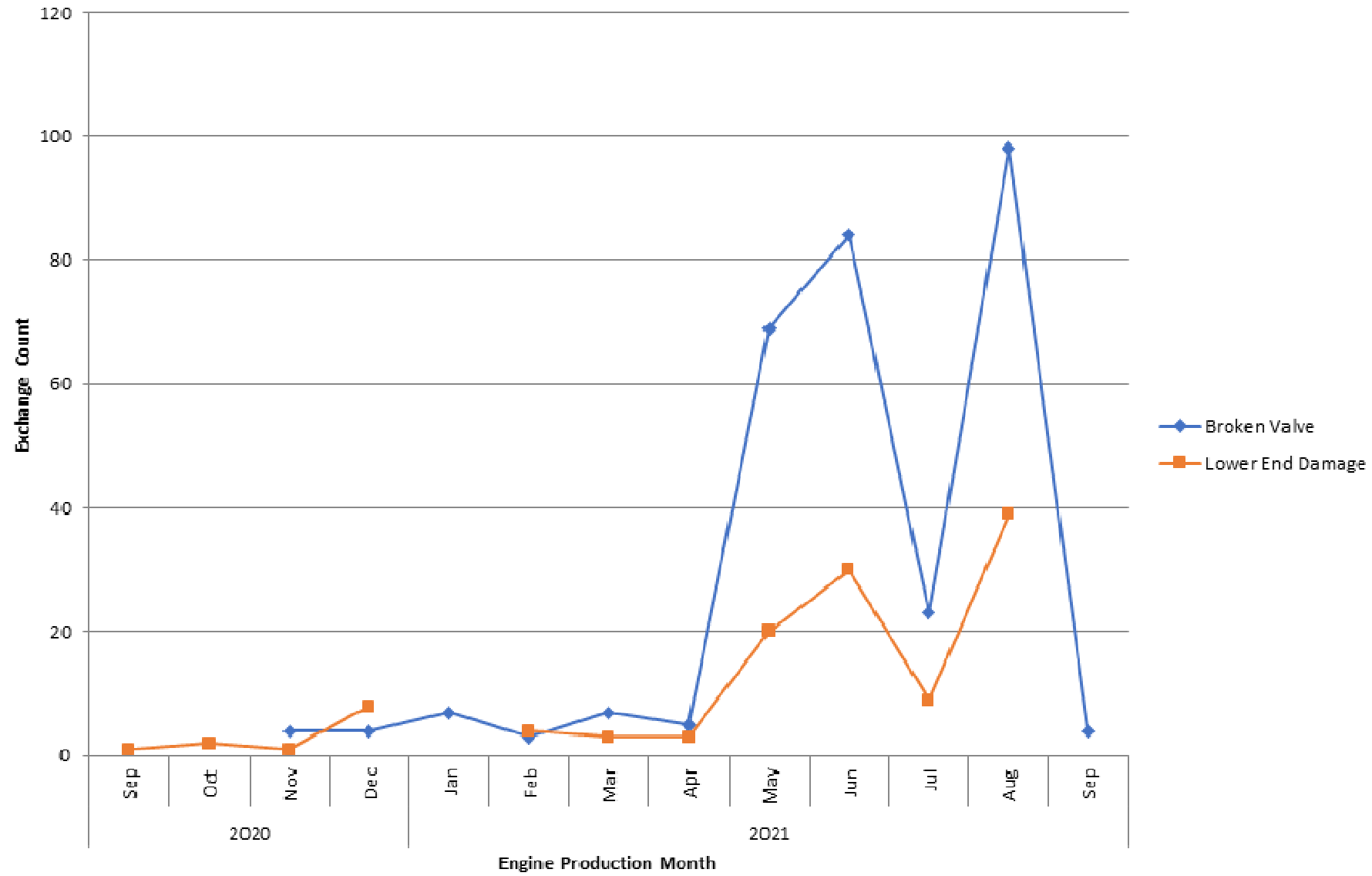
From: Steslicki, Michael (M.E.)
Sent: Monday, February 14, 2022 11:58 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/14/22...

Broken Valve – 309
Lower End Damage – 122

2021 MY Nano Engine Exchanges

Updated: 2/14/22



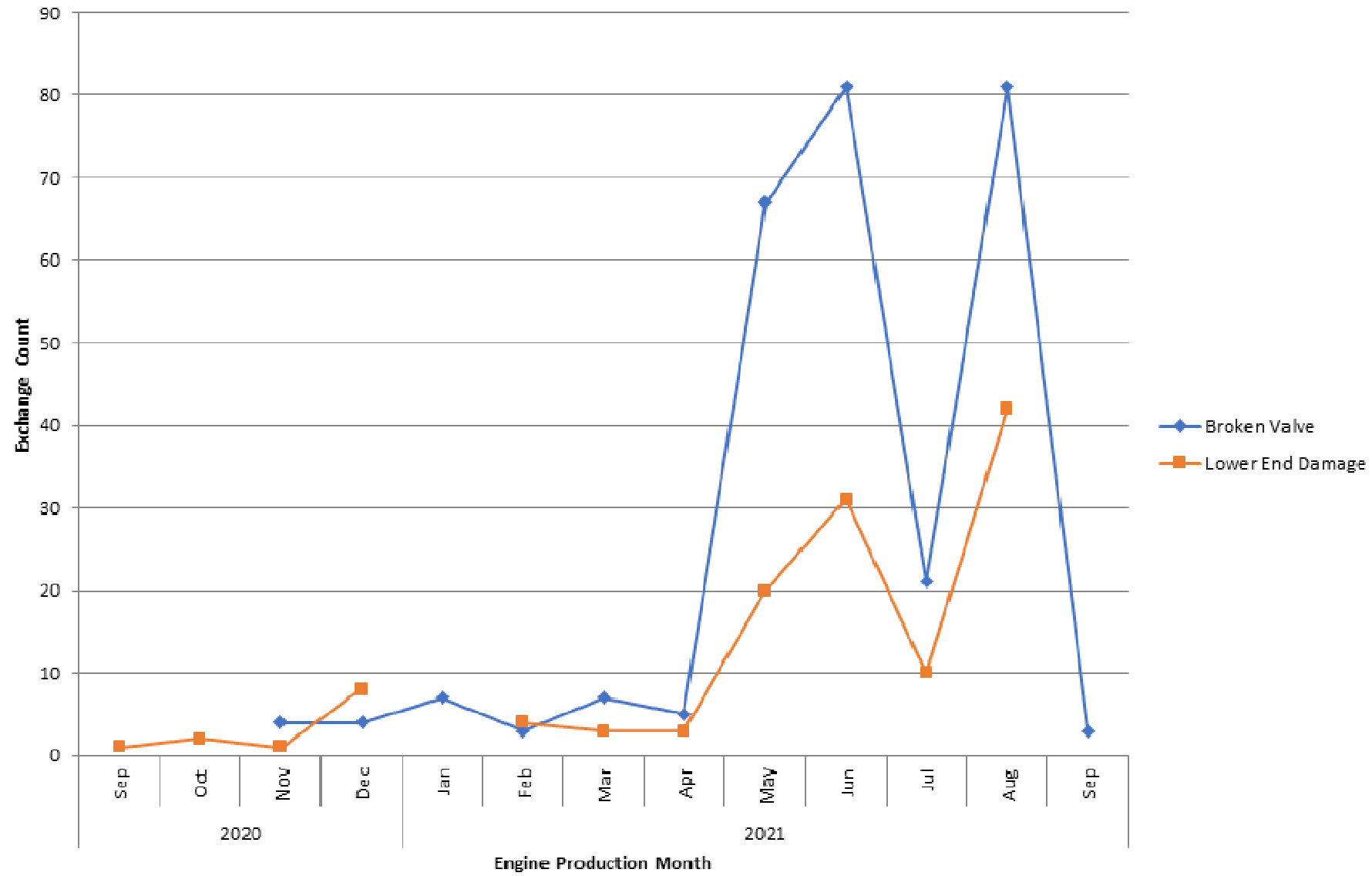
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Friday, February 4, 2022 9:30 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/4/22...

Broken Valve – 283
Lower End Damage – 127

2021 MY Nano Engine Exchanges Updated: 2/4/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

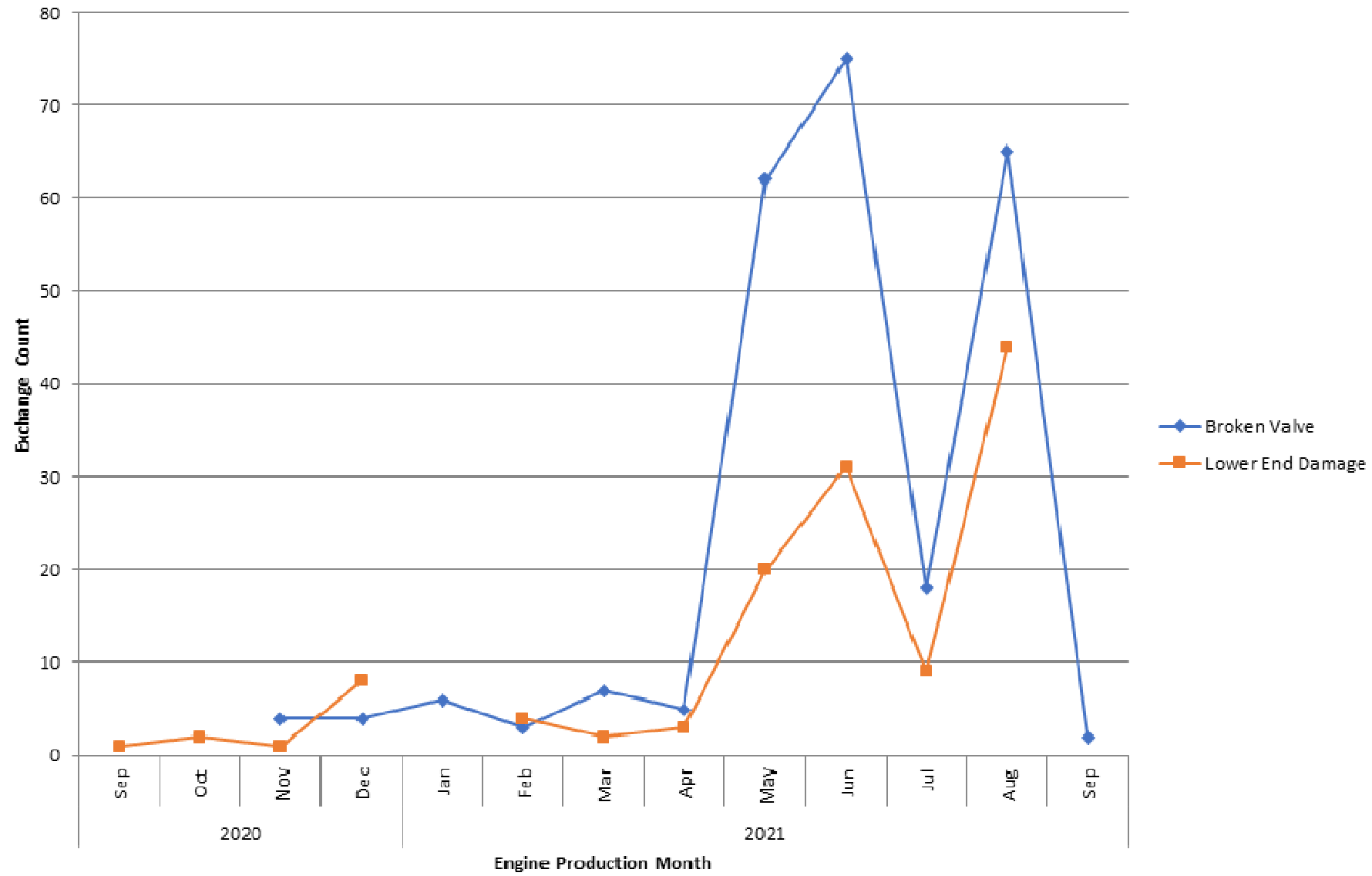
From: Steslicki, Michael (M.E.)
Sent: Monday, January 24, 2022 1:55 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 1/24/22...

Broken Valve – 251
Lower End Damage – 127

2021 MY Nano Engine Exchanges

Updated: 1/24/22



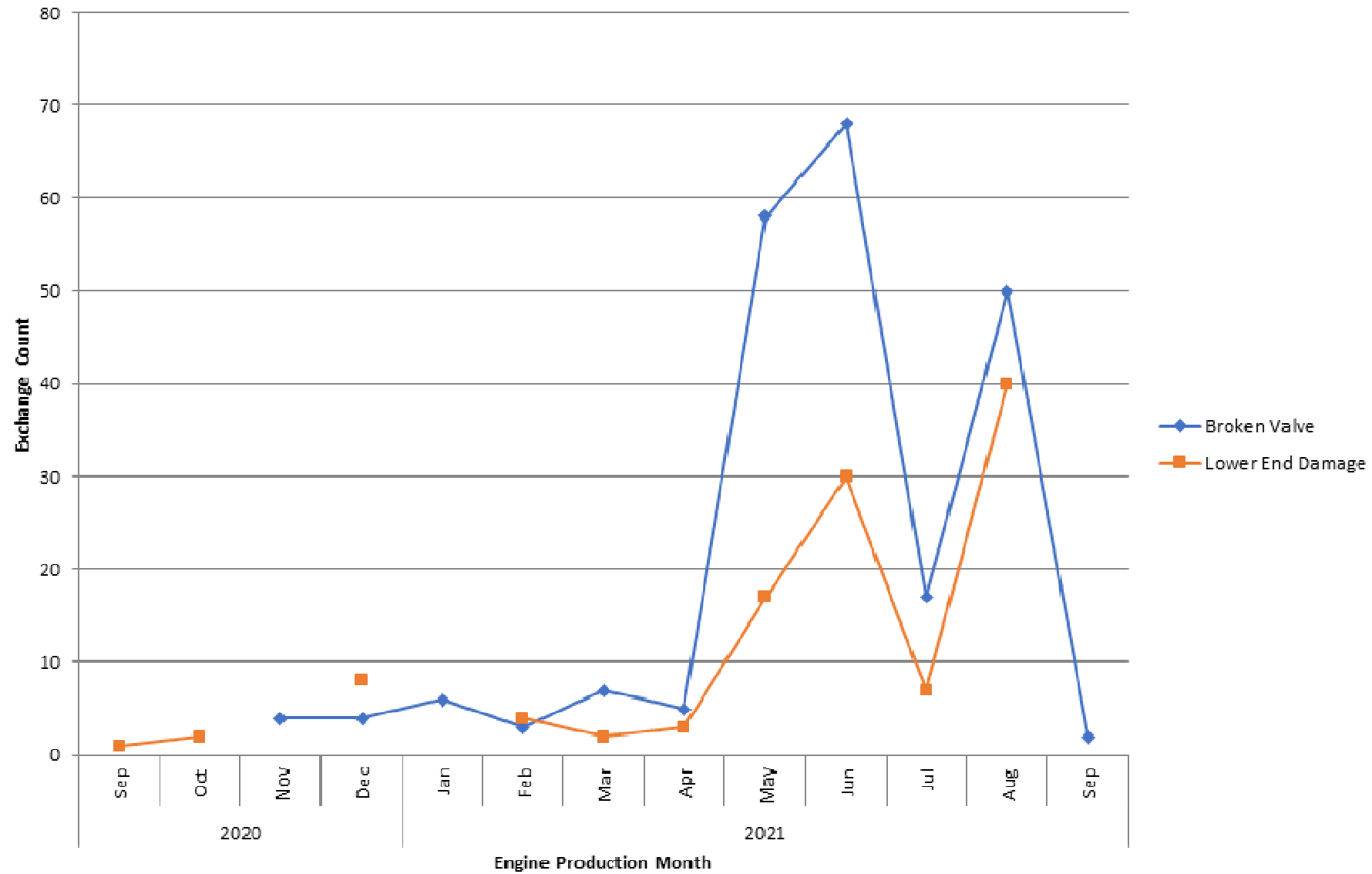
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Thursday, January 6, 2022 6:29 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 1/5/22...

Broken Valve – 224
Lower End Damage – 115

2021 MY Nano Engine Exchanges Updated: 1/6/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Simon, David (D.) <dsimon1@ford.com>
Sent: Wednesday, January 5, 2022 7:24 PM
To: Steslicki, Michael (M.E.) <msteslic@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

Hi Mike – can update with the latest when you have a chance and then also plot them by vehicle or engine production date? I assume we don't have any cases that have broken containment for the valve material change...

Thanks,
Dave

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From: Steslicki, Michael (M.E.) <msteslic@ford.com>
Sent: Tuesday, December 21, 2021 1:07 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/21/21...

Broken Valve – 213
Lower End Damage – 115

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, December 13, 2021 2:47 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/10/21...

Broken Valve – 189

Lower End Damage – 108

Mike Steslicki

MI&Q Engine Quality

Ford Motor Company

(313) 805-9888

From: Steslicki, Michael (M.E.)

Sent: Friday, December 3, 2021 2:44 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/3/21...

Broken Valve – 171

Lower End Damage – 106

Mike Steslicki

MI&Q Engine Quality

Ford Motor Company

(313) 805-9888

From: Steslicki, Michael (M.E.)

Sent: Friday, November 19, 2021 12:44 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 11/19/21...

Broken Valve – 136

Lower End Damage – 95

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, June 6, 2022 10:56 AM
To: Simon, David (D.); Corbett, Sandy (S.M.)
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 6/6/22...

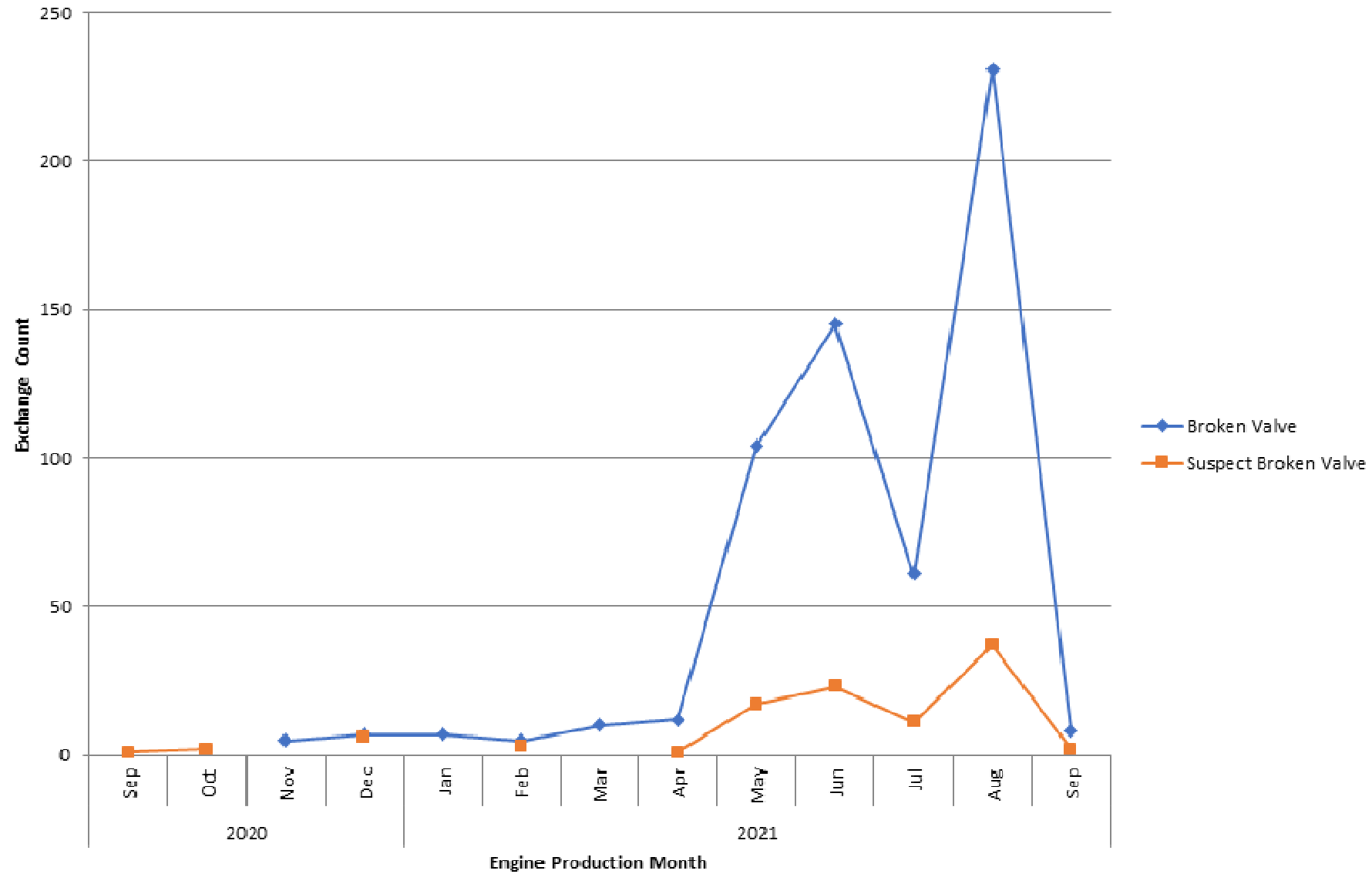
Broken Valve – 596
Lower End Damage – 109

Continuing to see a very nice trend in terms of claims per load day.

Average Claims Per Load Day

January 2022 – 4.38
February 2022 – 4.95
March 2022 – 5.52
April 2022 – 3.62
May 2022 – 2.05
June 2022 – 1.33

2021-2022 MY Nano Engine Exchanges Updated: 6/6/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Tuesday, May 17, 2022 7:44 AM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 5/17/22...

Broken Valve – 566
Lower End Damage – 120

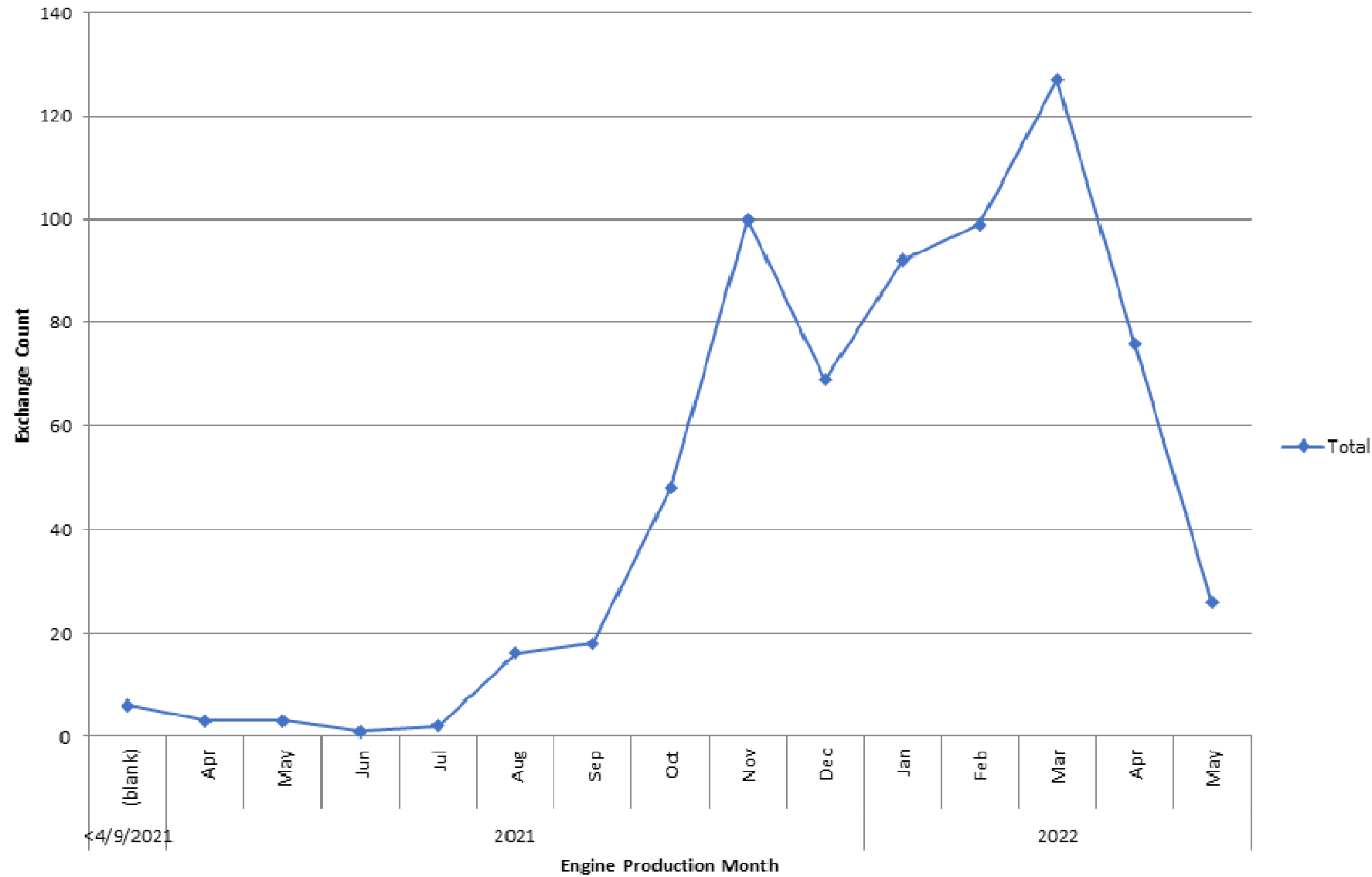
Starting to see a very nice trend in terms of claims per load day.

Average Claims Per Load Day

January 2022 – 4.38
February 2022 – 4.95
March 2022 – 5.52
April 2022 – 3.62
May 2022 – 2.18

2021-2022 MY Nano Engine Exchanges

Updated: 5/17/22



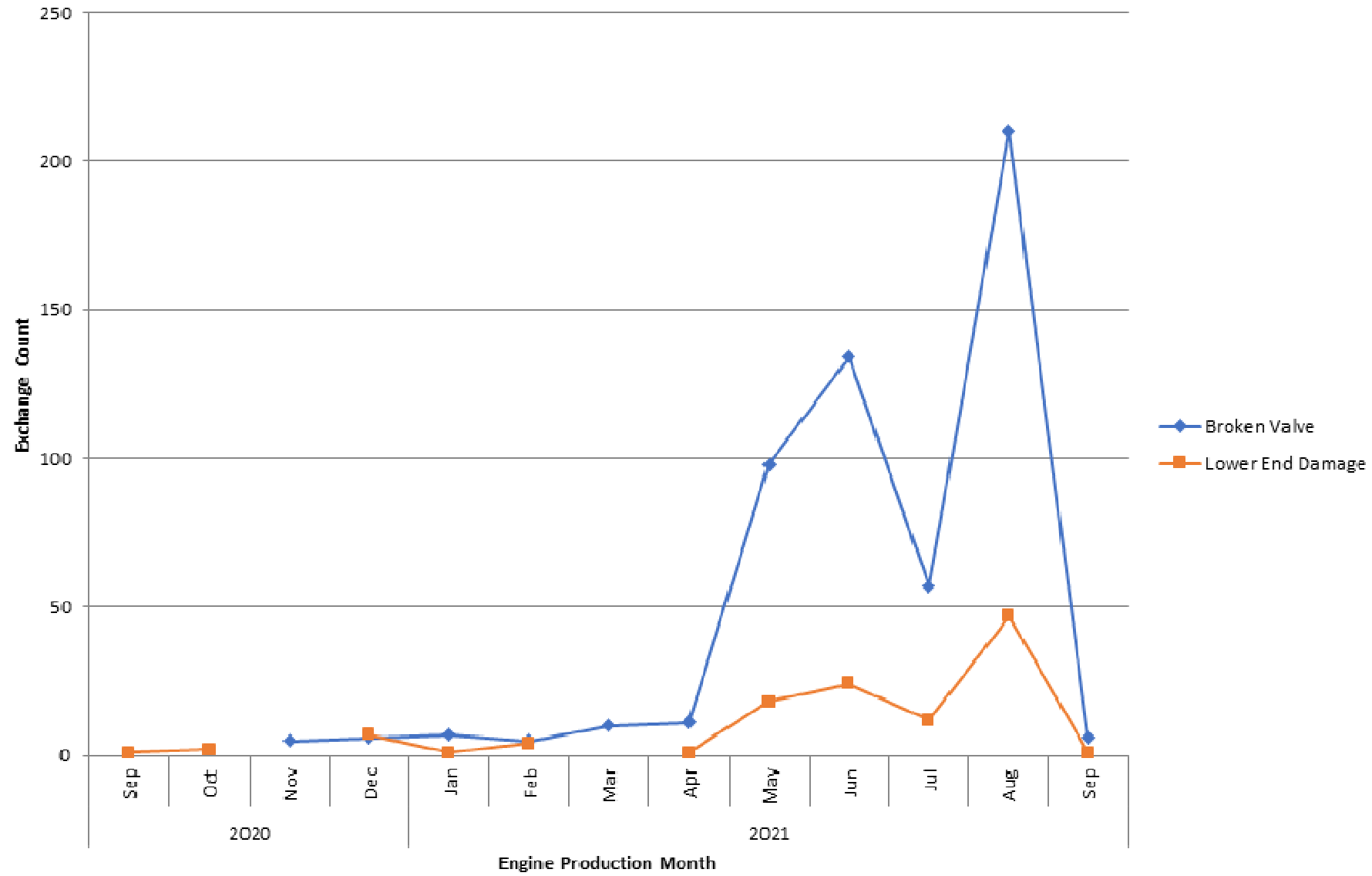
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, May 9, 2022 12:48 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 5/9/22...

Broken Valve – 554
Lower End Damage – 123

2021-2022 MY Nano Engine Exchanges Updated: 5/9/22



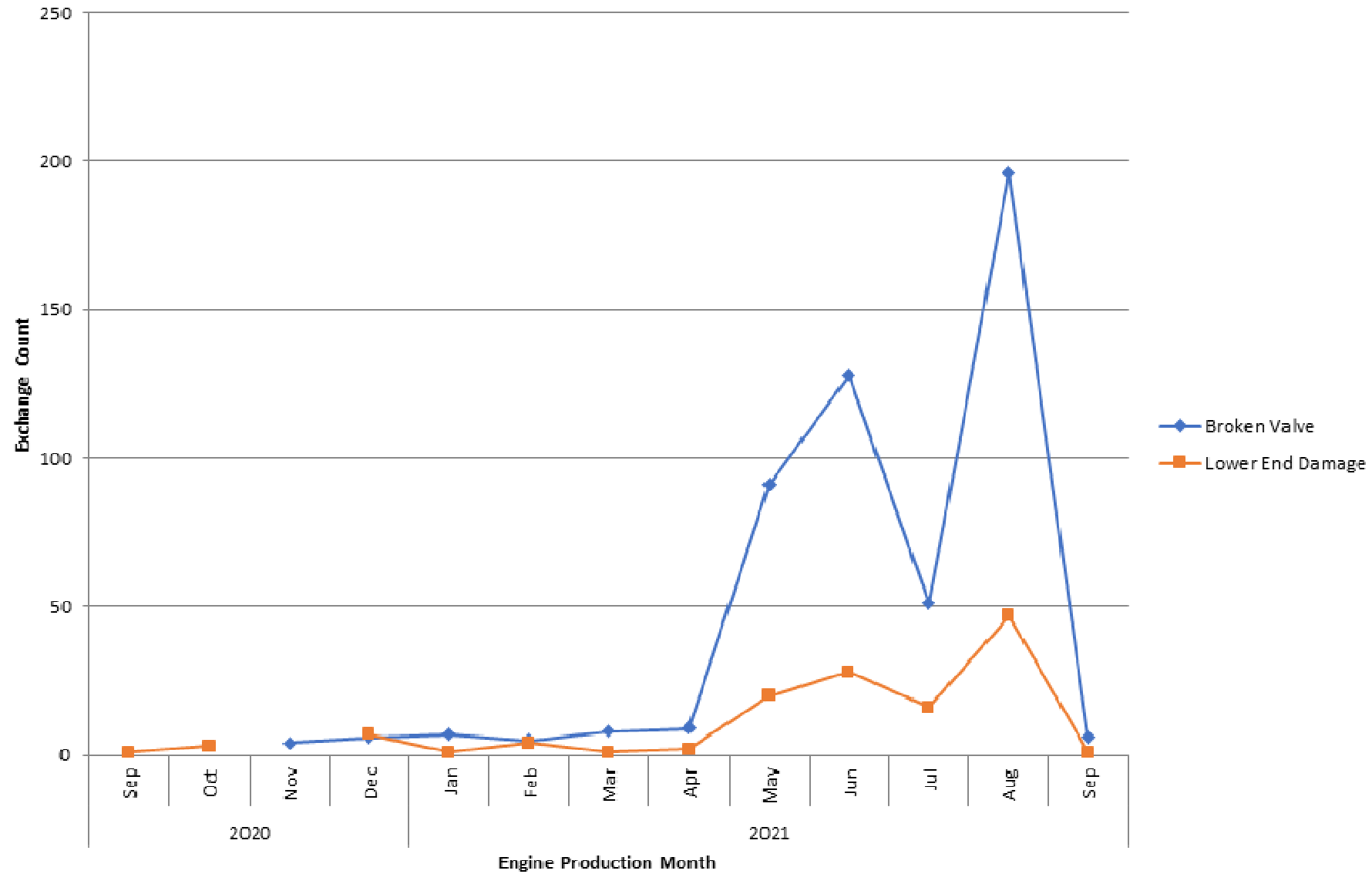
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, April 25, 2022 3:09 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 4/25/22...

Broken Valve – 516
Lower End Damage – 135

2021-2022 MY Nano Engine Exchanges Updated: 4/25/22



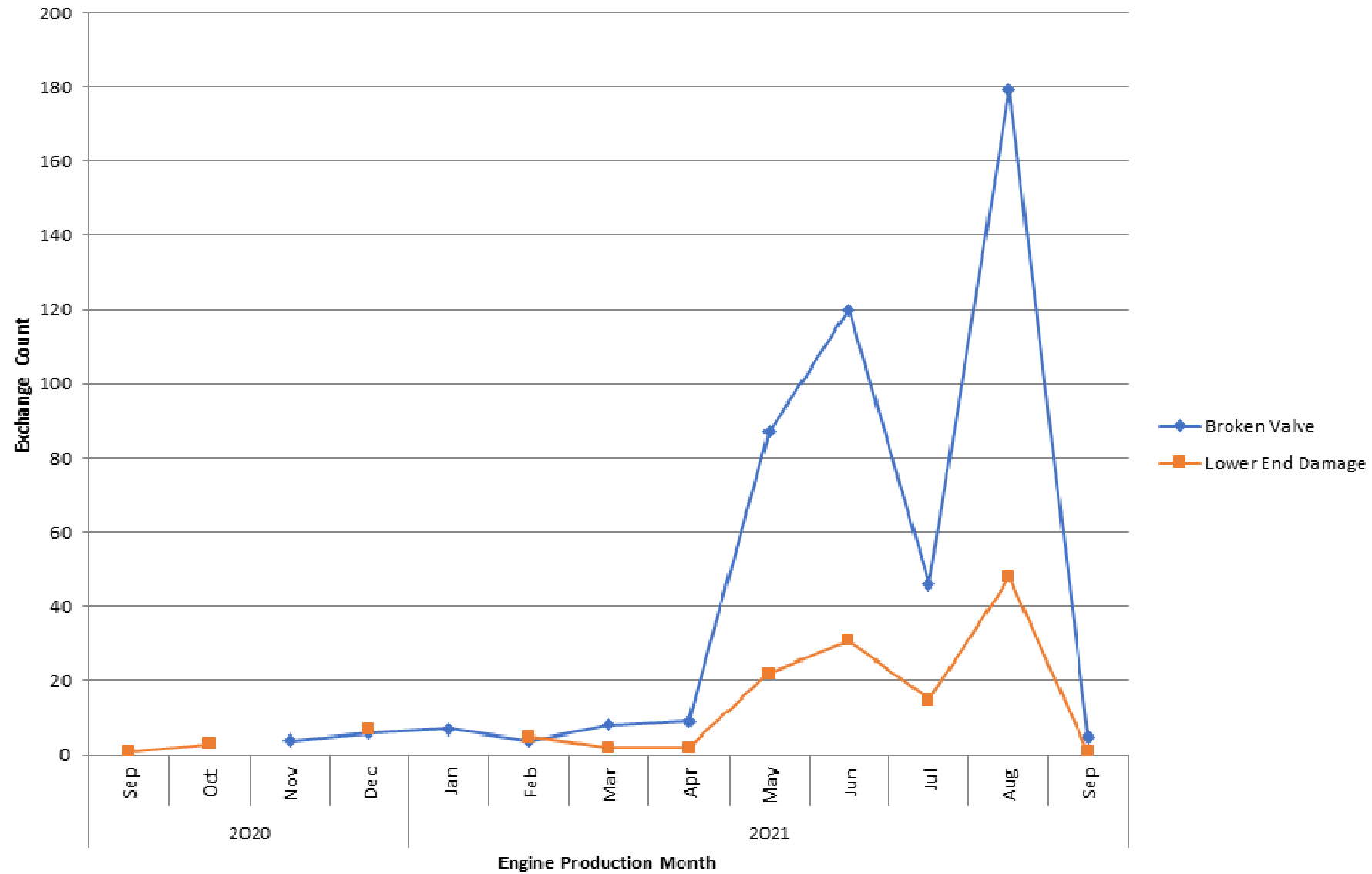
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, April 11, 2022 12:37 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 4/11/22...

Broken Valve – 480
Lower End Damage – 140

2021-2022 MY Nano Engine Exchanges Updated: 4/11/22



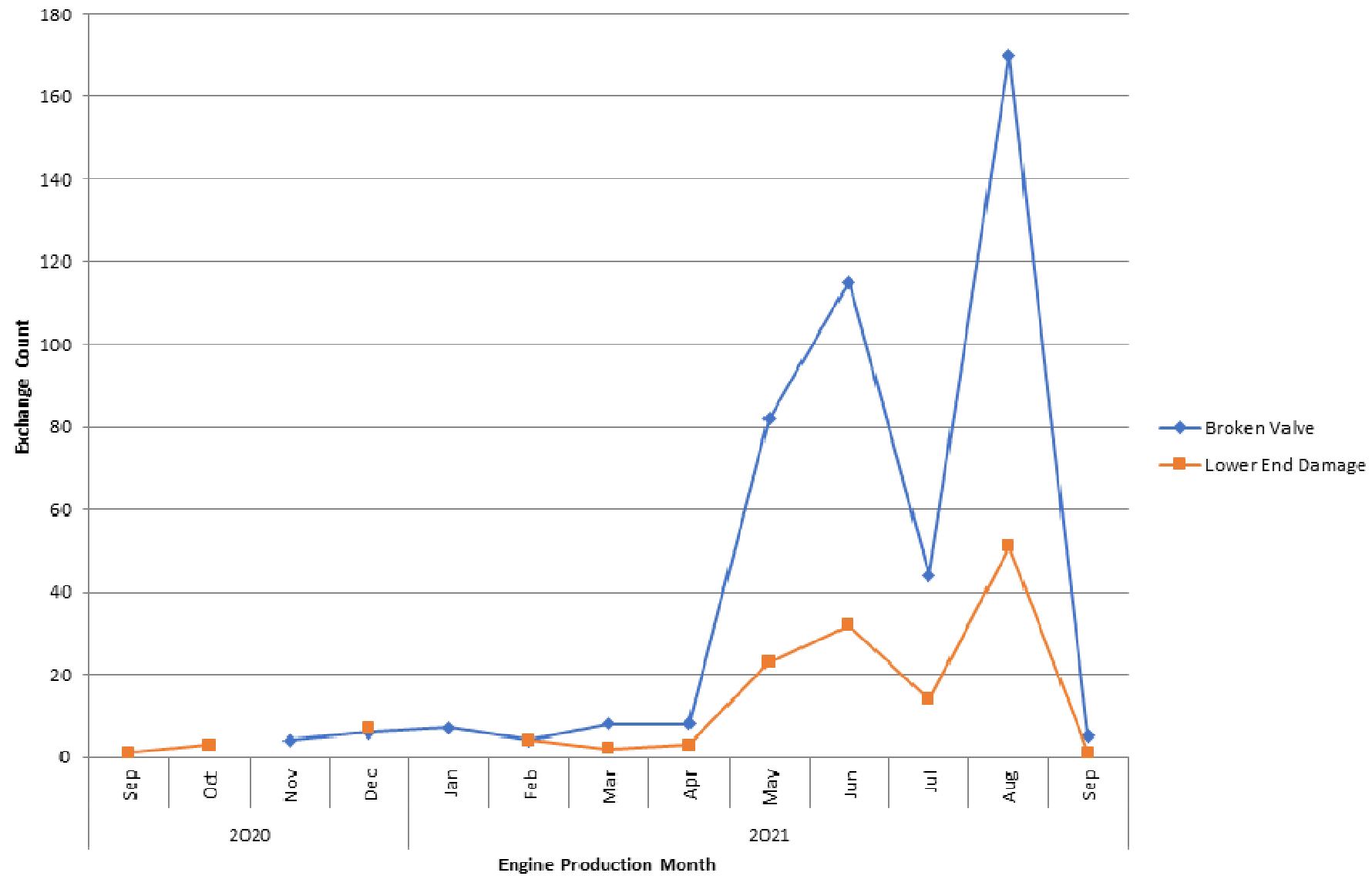
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, April 4, 2022 4:46 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 4/4/22...

Broken Valve – 457
Lower End Damage – 144

2021-2022 MY Nano Engine Exchanges Updated: 4/4/22



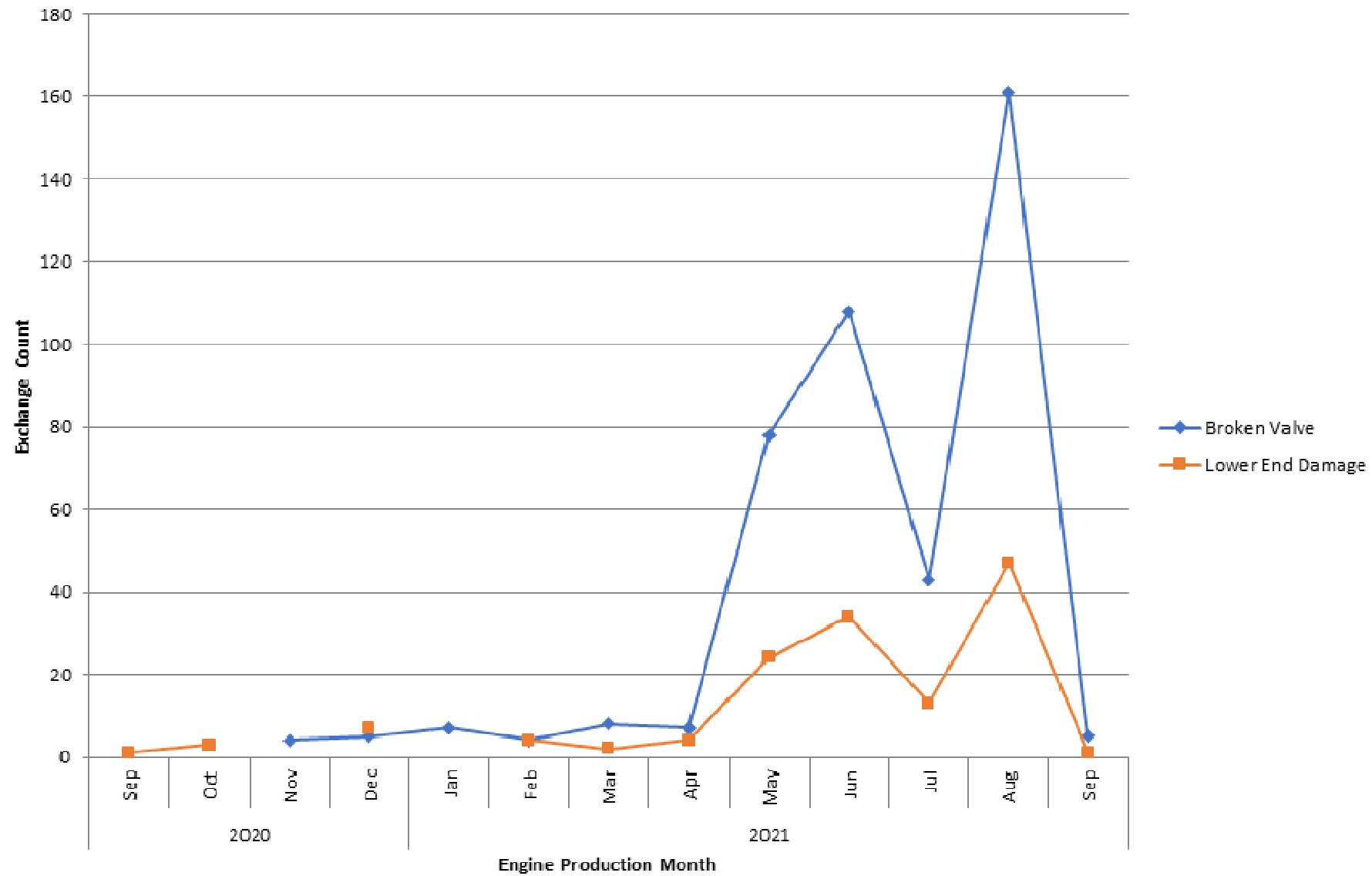
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 28, 2022 1:55 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/28/22...

Broken Valve – 433
Lower End Damage – 142

2021-2022 MY Nano Engine Exchanges Updated: 3/28/22



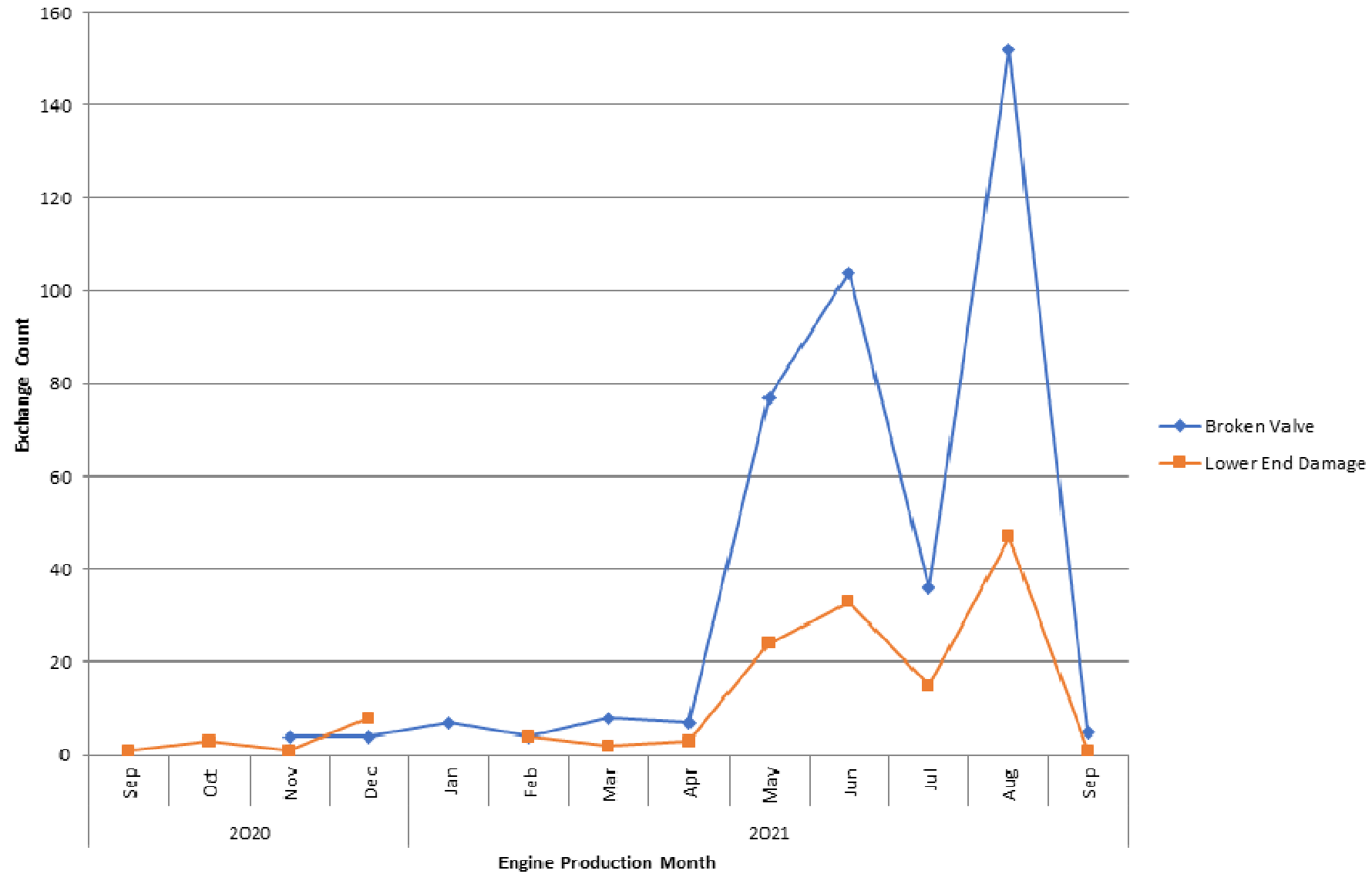
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 21, 2022 3:05 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/21/22...

Broken Valve – 410
Lower End Damage – 144

2021 MY Nano Engine Exchanges Updated: 3/21/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

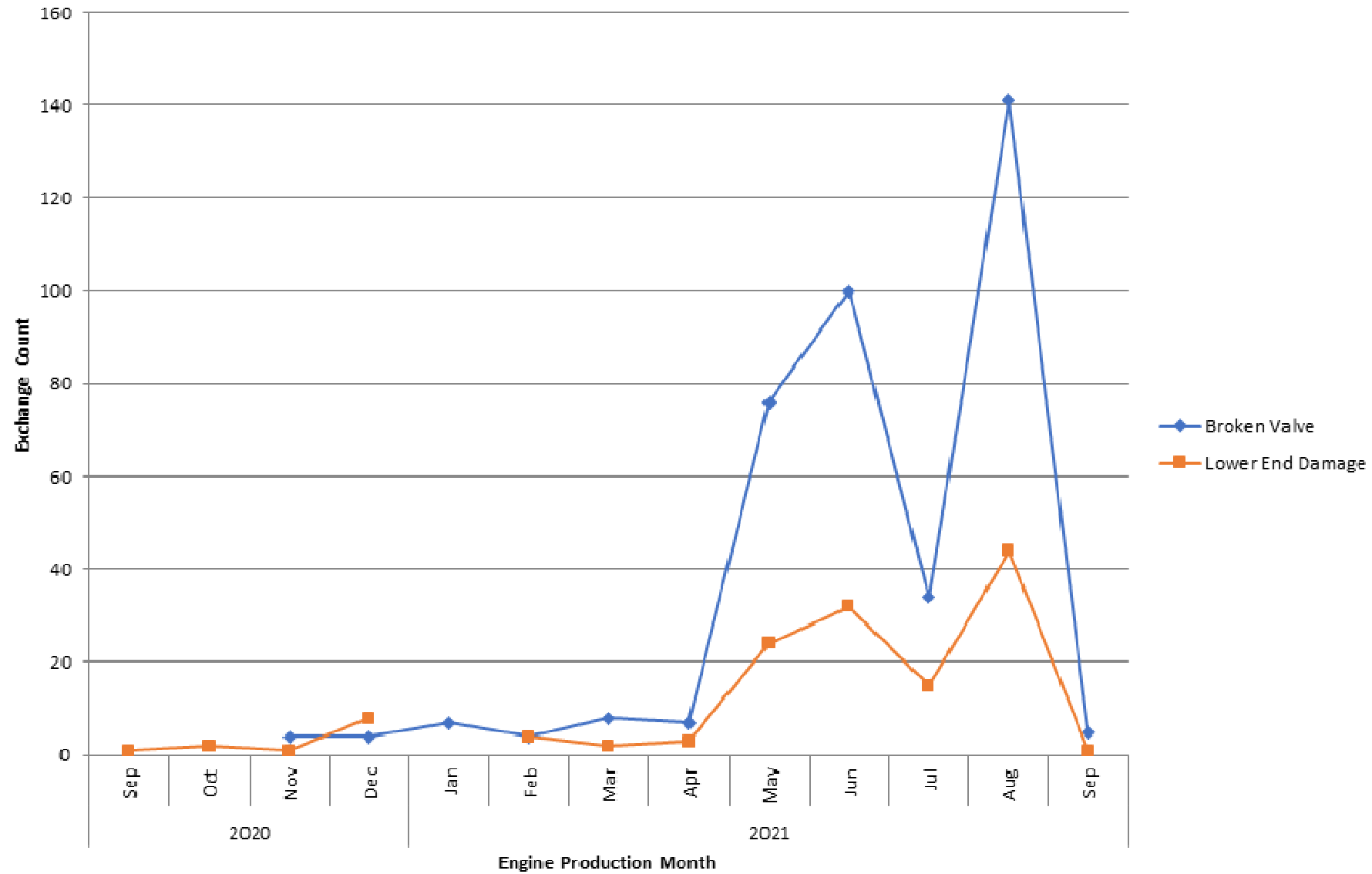
From: Steslicki, Michael (M.E.)
Sent: Monday, March 14, 2022 4:43 PM
To: Simon, David (D.) <dsimon1@ford.com>; Corbett, Sandy (S.M.) <scorbett@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

Sandy, FYI, this is a weekly update I give to Dave on the Nano broken valve engine exchanges. The exchanges listed as broken valve are based on dealer and/or teardown comments. The exchanges listed as lower end damage are not back or torn down yet, and don't specifically say broken valve in the dealer write-up, but based on what they do say, we highly suspect that they are broken valves.

As of 3/14/22...

Broken Valve – 391
Lower End Damage – 139

2021 MY Nano Engine Exchanges Updated: 3/14/22



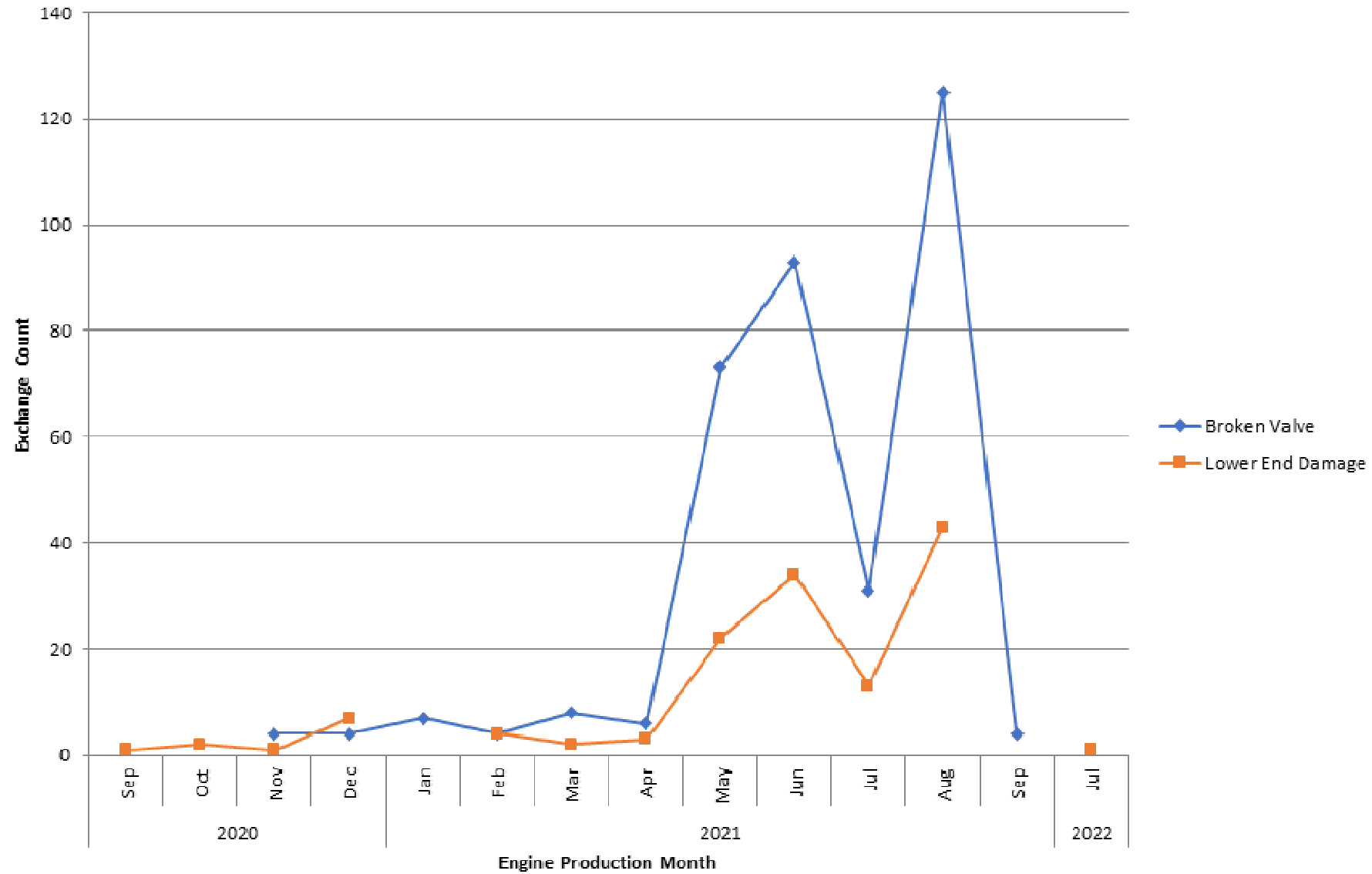
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, March 7, 2022 12:09 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 3/7/22...

Broken Valve – 360
Lower End Damage – 135

2021 MY Nano Engine Exchanges Updated: 3/7/22



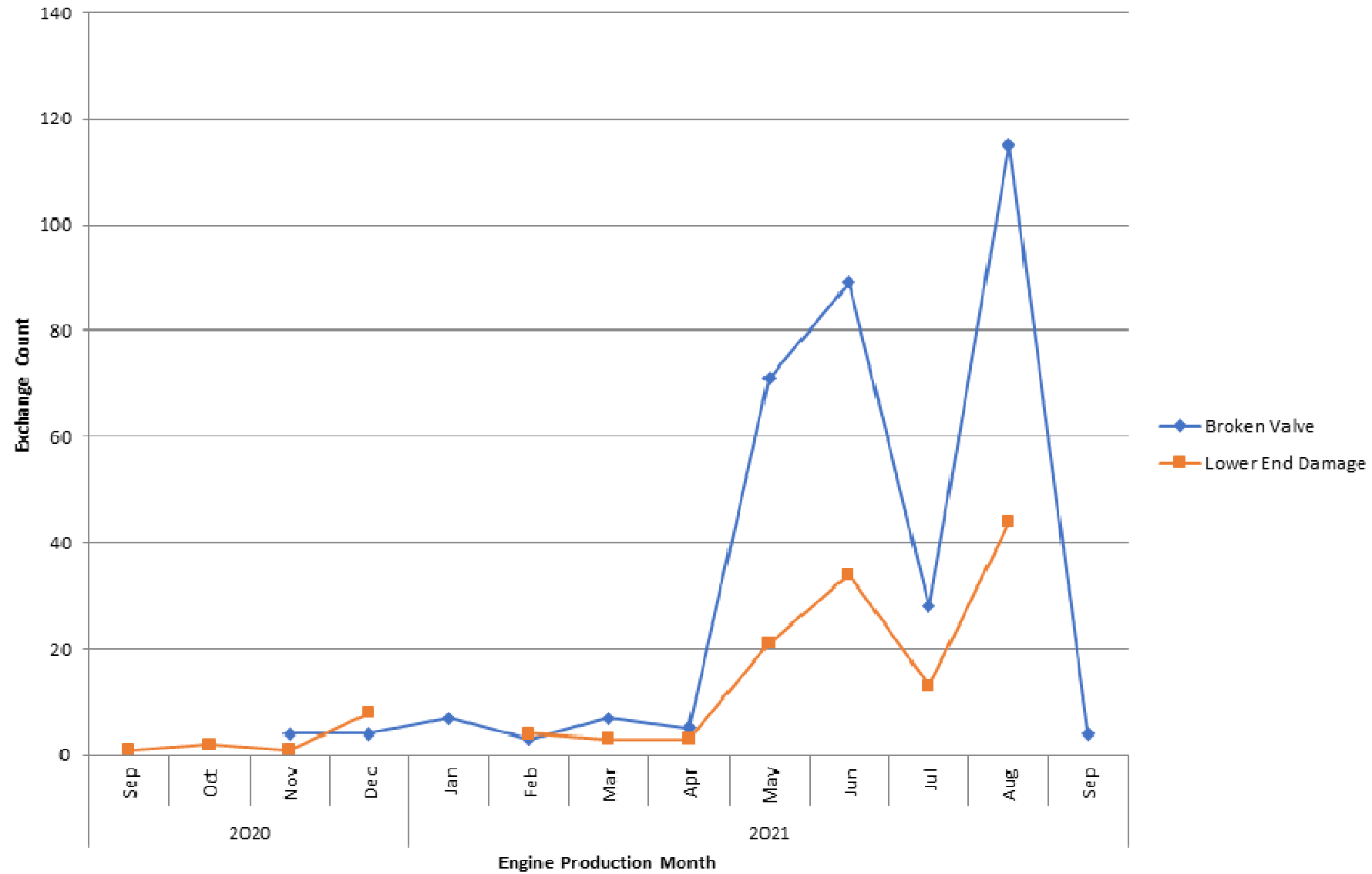
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, February 28, 2022 2:20 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/28/22...

Broken Valve – 338
Lower End Damage – 136

2021 MY Nano Engine Exchanges Updated: 2/28/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

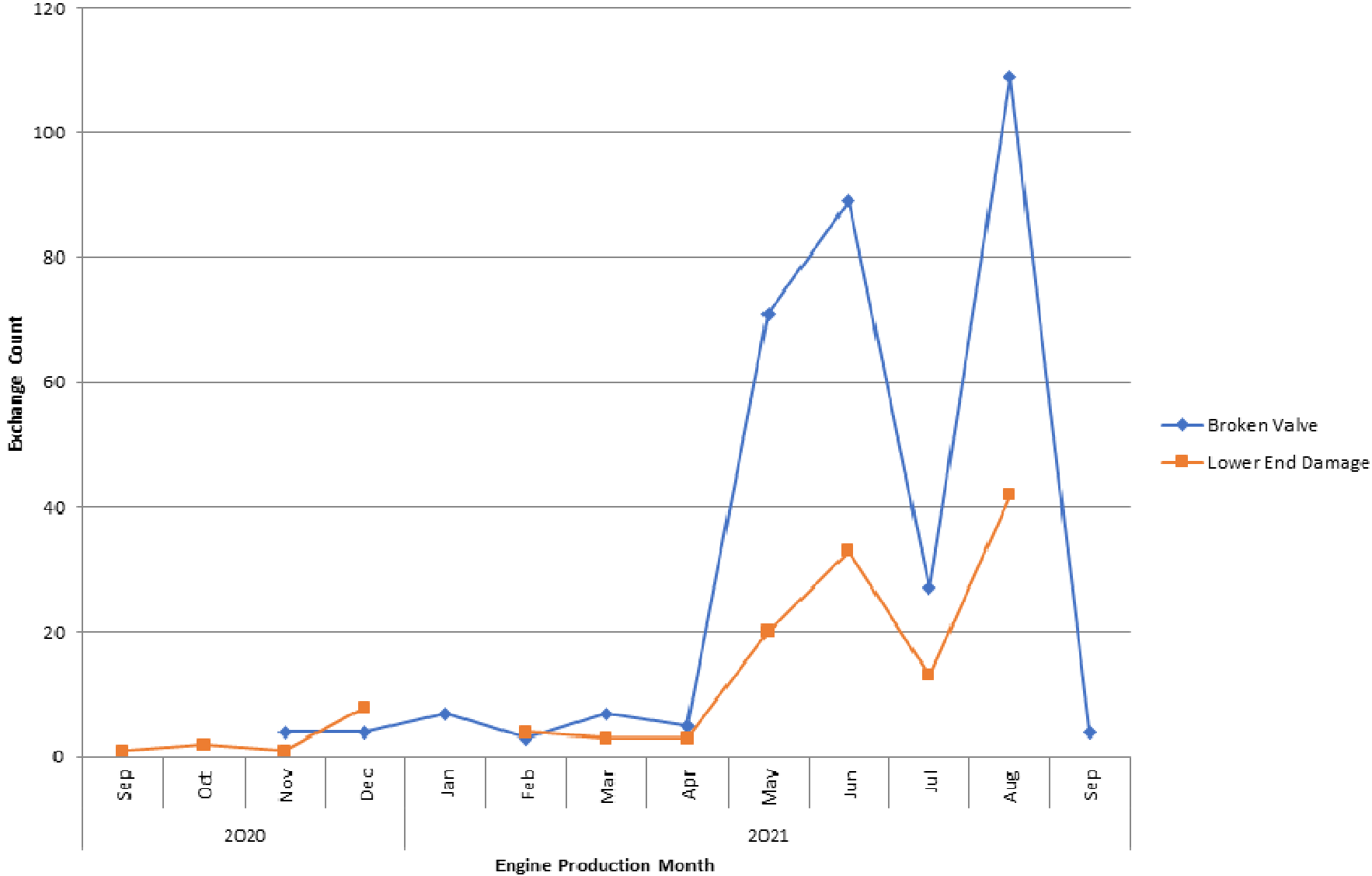
From: Steslicki, Michael (M.E.)
Sent: Monday, February 21, 2022 9:57 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/21/22...

Broken Valve – 331
Lower End Damage – 132

2021 MY Nano Engine Exchanges

Updated: 2/21/22



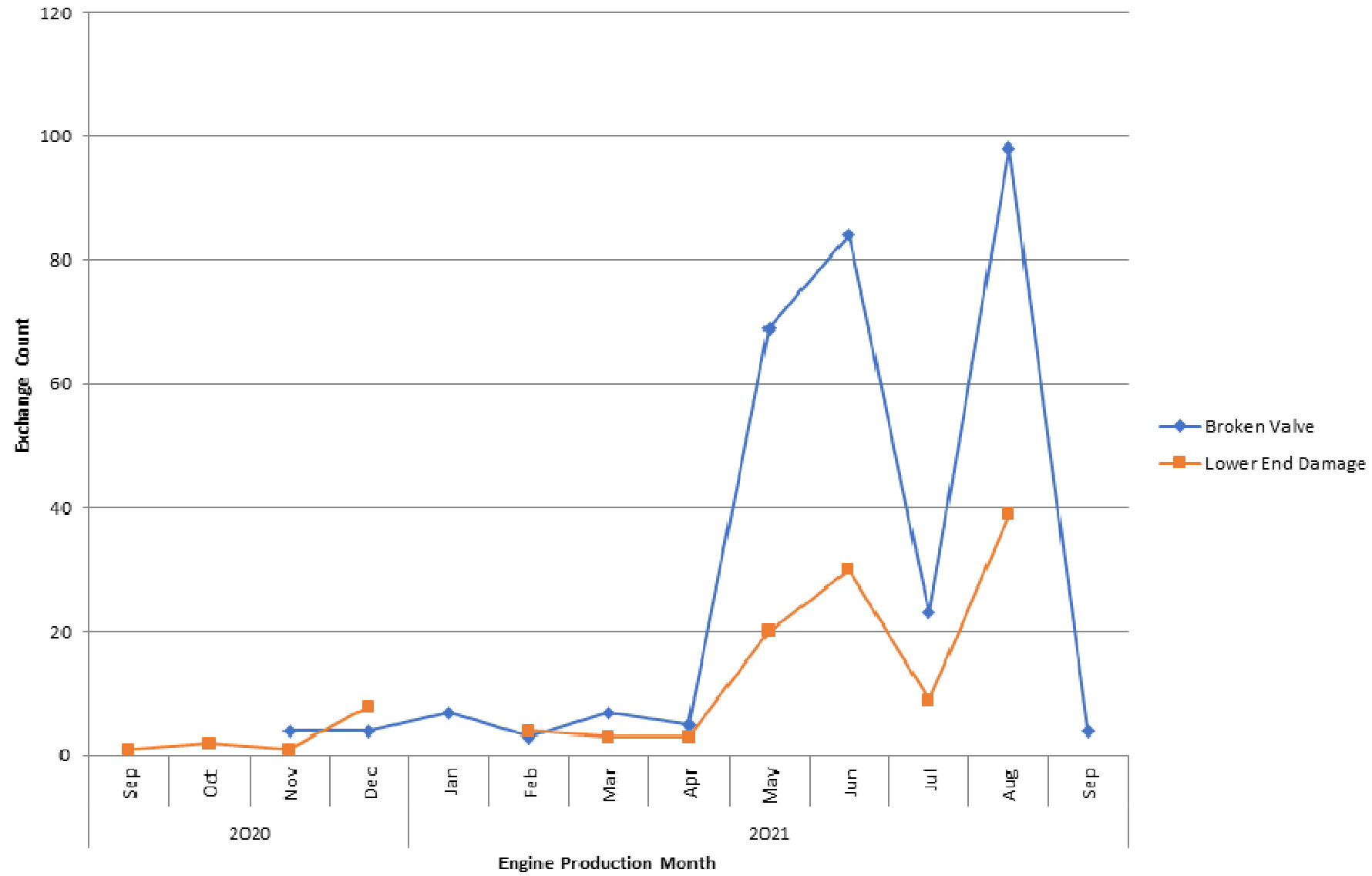
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, February 14, 2022 11:58 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/14/22...

Broken Valve – 309
Lower End Damage – 122

2021 MY Nano Engine Exchanges Updated: 2/14/22



Mike Steslicki
MI&Q Engine Quality
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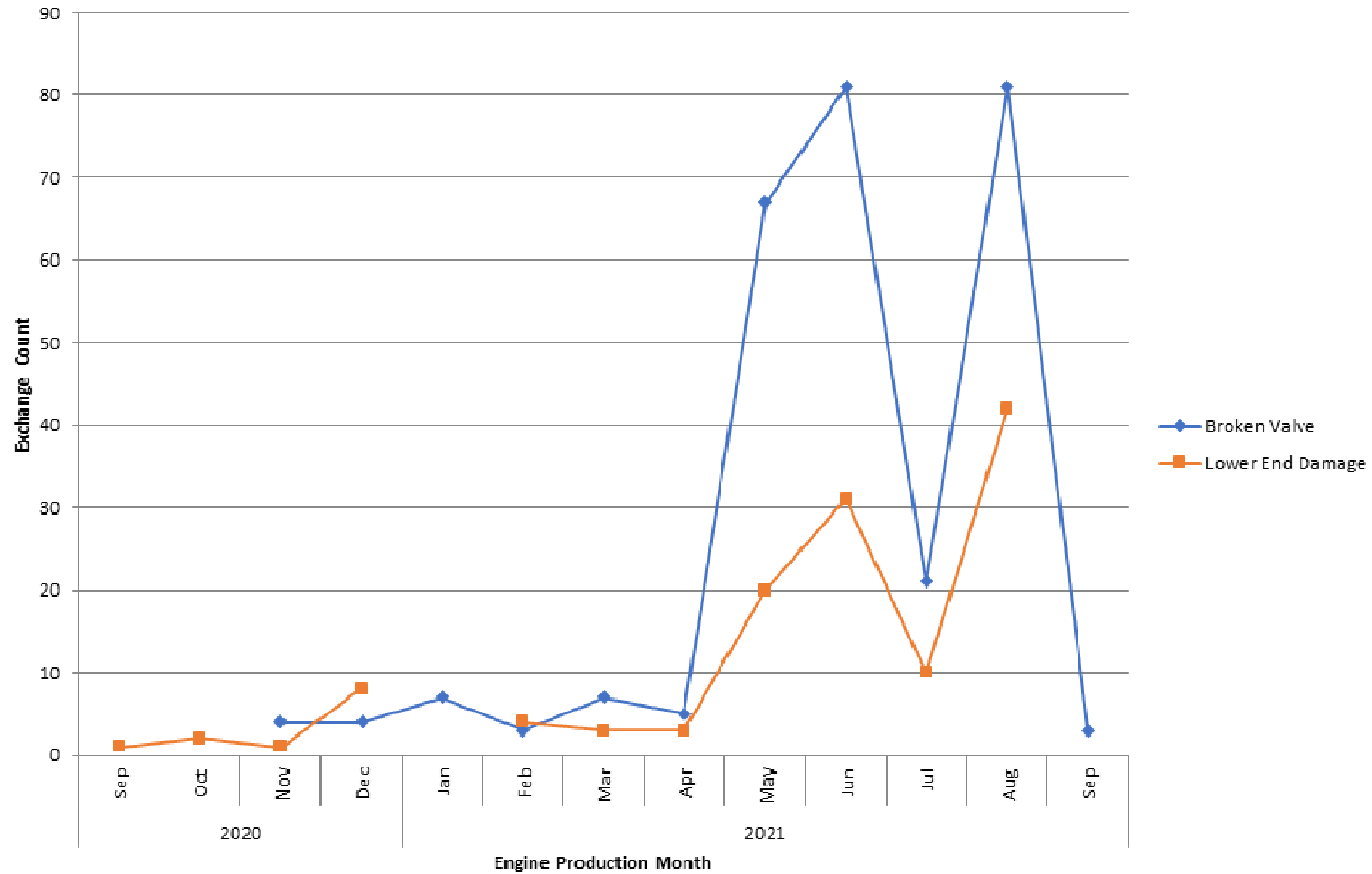
From: Steslicki, Michael (M.E.)
Sent: Friday, February 4, 2022 9:30 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 2/4/22...

Broken Valve – 283
Lower End Damage – 127

2021 MY Nano Engine Exchanges

Updated: 2/4/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

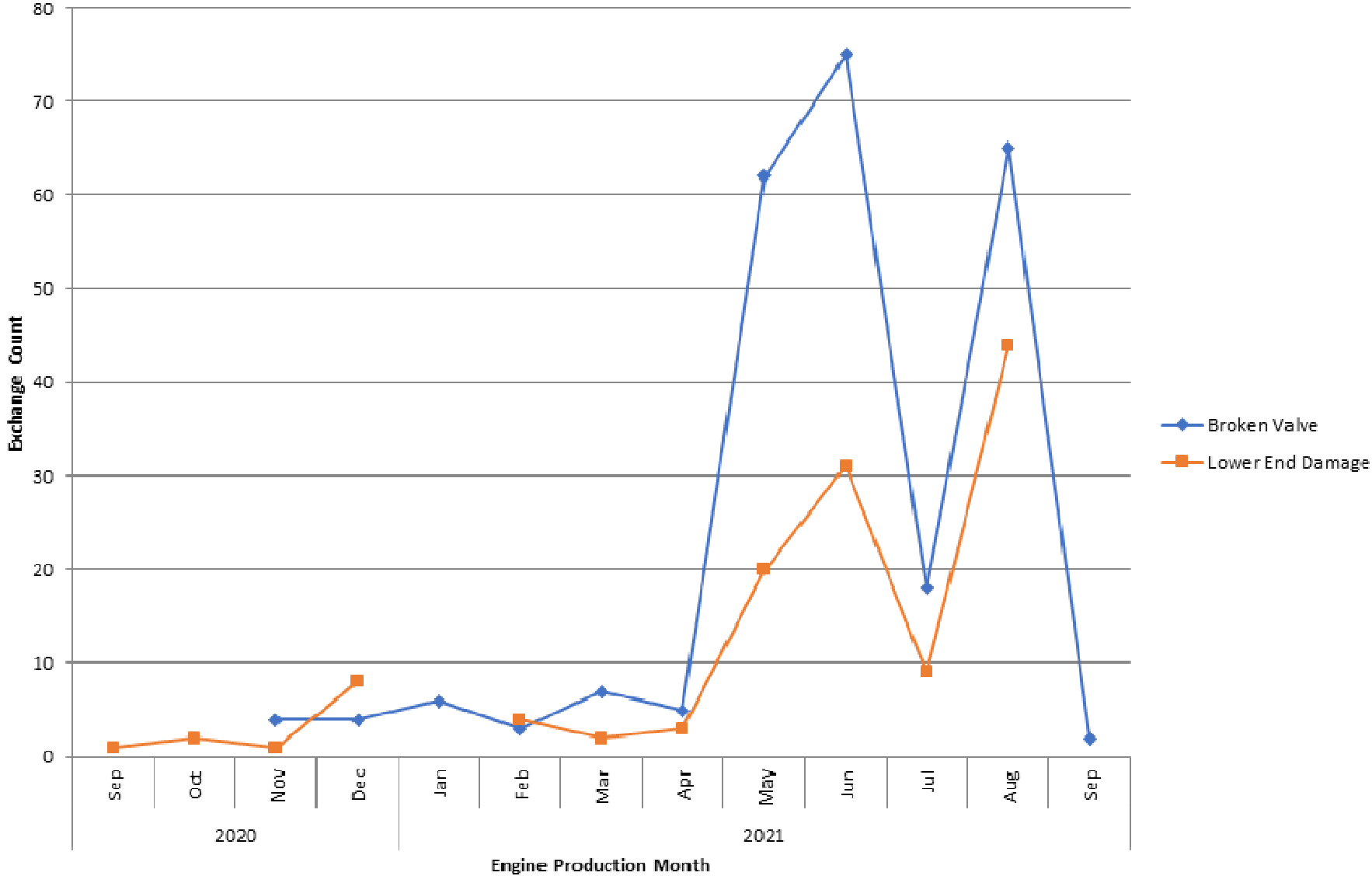
From: Steslicki, Michael (M.E.)
Sent: Monday, January 24, 2022 1:55 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 1/24/22...

Broken Valve – 251
Lower End Damage – 127

2021 MY Nano Engine Exchanges

Updated: 1/24/22



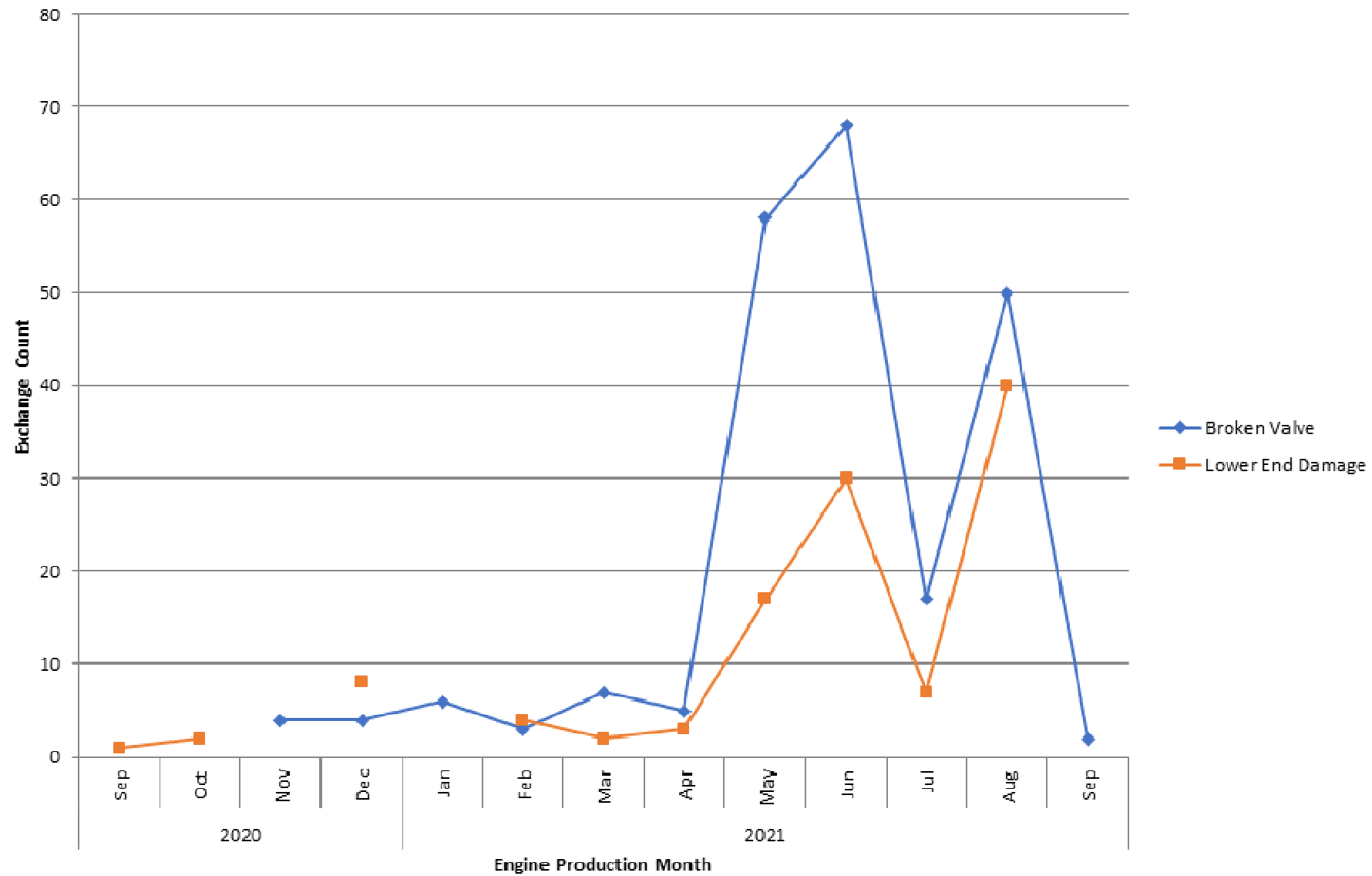
Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Thursday, January 6, 2022 6:29 AM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 1/5/22...

Broken Valve – 224
Lower End Damage – 115

2021 MY Nano Engine Exchanges Updated: 1/6/22



Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Simon, David (D.) <dsimon1@ford.com>
Sent: Wednesday, January 5, 2022 7:24 PM
To: Steslicki, Michael (M.E.) <msteslic@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

Hi Mike – can update with the latest when you have a chance and then also plot them by vehicle or engine production date? I assume we don't have any cases that have broken containment for the valve material change...

Thanks,
Dave

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From: Steslicki, Michael (M.E.) <msteslic@ford.com>
Sent: Tuesday, December 21, 2021 1:07 PM
To: Simon, David (D.) <dsimon1@ford.com>
Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/21/21...

Broken Valve – 213
Lower End Damage – 115

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Steslicki, Michael (M.E.)
Sent: Monday, December 13, 2021 2:47 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/10/21...

Broken Valve – 189

Lower End Damage – 108

Mike Steslicki

MI&Q Engine Quality

Ford Motor Company

(313) 805-9888

From: Steslicki, Michael (M.E.)

Sent: Friday, December 3, 2021 2:44 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: RE: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 12/3/21...

Broken Valve – 171

Lower End Damage – 106

Mike Steslicki

MI&Q Engine Quality

Ford Motor Company

(313) 805-9888

From: Steslicki, Michael (M.E.)

Sent: Friday, November 19, 2021 12:44 PM

To: Simon, David (D.) <dsimon1@ford.com>

Subject: Nano Broken Valve / Lower End Damage Engine Exchanges

As of 11/19/21...

Broken Valve – 136

Lower End Damage – 95

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

From: Knott, Tim (.)
Sent: Wednesday, April 27, 2022 2:53 PM
To: Beyer, Laura (L.D.)
Cc: Corbett, Sandy (S.M.); Kolodziejczyk, Jeffrey (J.A.); Steslicki, Michael (M.E.)
Subject: RE: Nano dropped Valve Warranty Analysis
Attachments: 21MY Nano valve .xlsx; 21MY Nano valve spike.xlsx

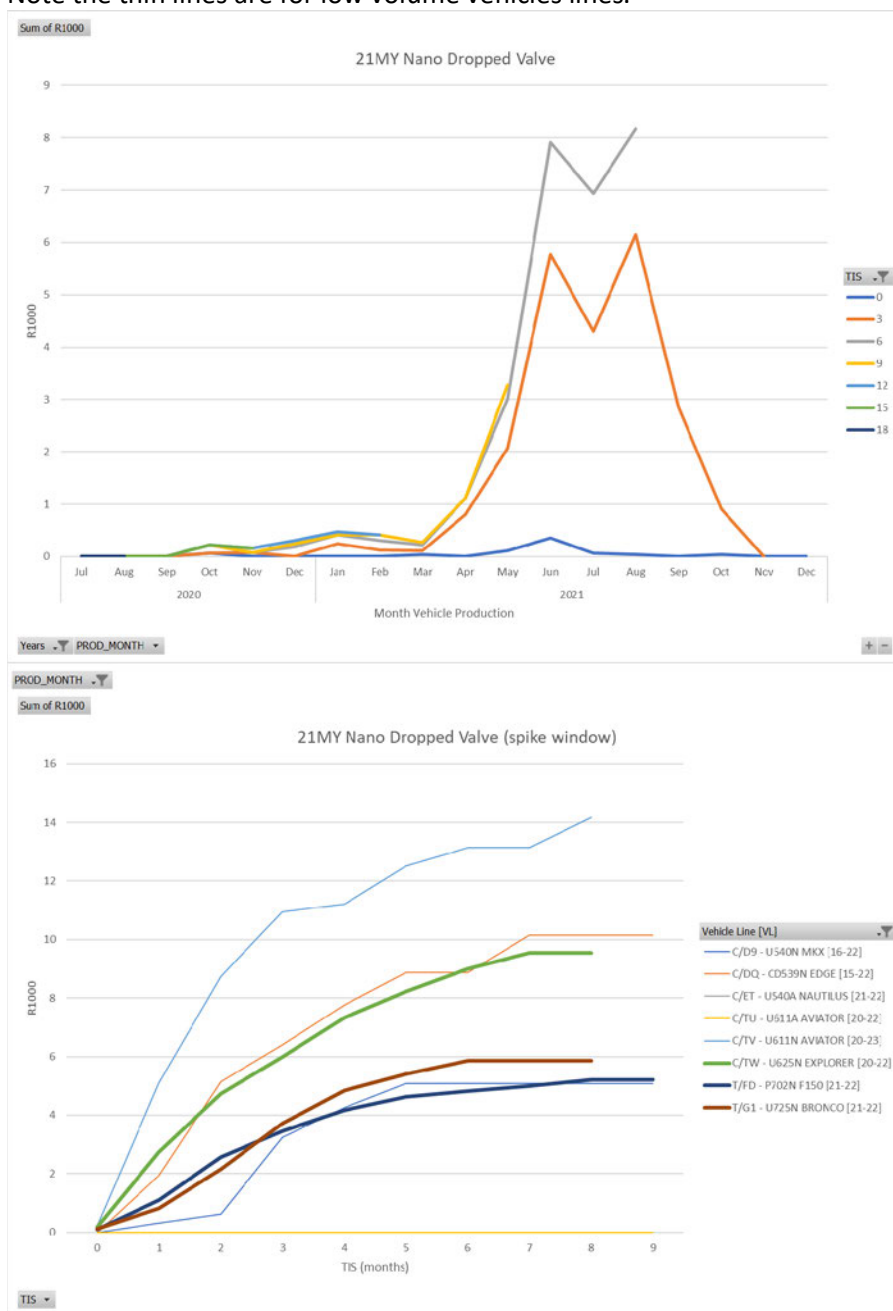
Laura –

I'll arrange mtg with Vasiliy to kick-off analysis.

Will look to you to establish priority.

A couple preliminary charts to answer questions from this am discussion

Note the thin lines are for low volume vehicles lines.



From: Steslicki, Michael (M.E.) <msteslic@ford.com>
Sent: Wednesday, April 27, 2022 2:15 PM
To: Knott, Tim (.) <tknott@ford.com>
Subject: RE: Nano dropped Valve Warranty Analysis

Yes, use lower end.

The Nano file has all the claims for valve exchanges and suspect valve exchanges (lower end).

If you're using claim keys from it, take out the 22 MY claim in there as claim keys change each model year.

Mike Steslicki
MI&Q Engine Quality
Ford Motor Company
(313) 805-9888

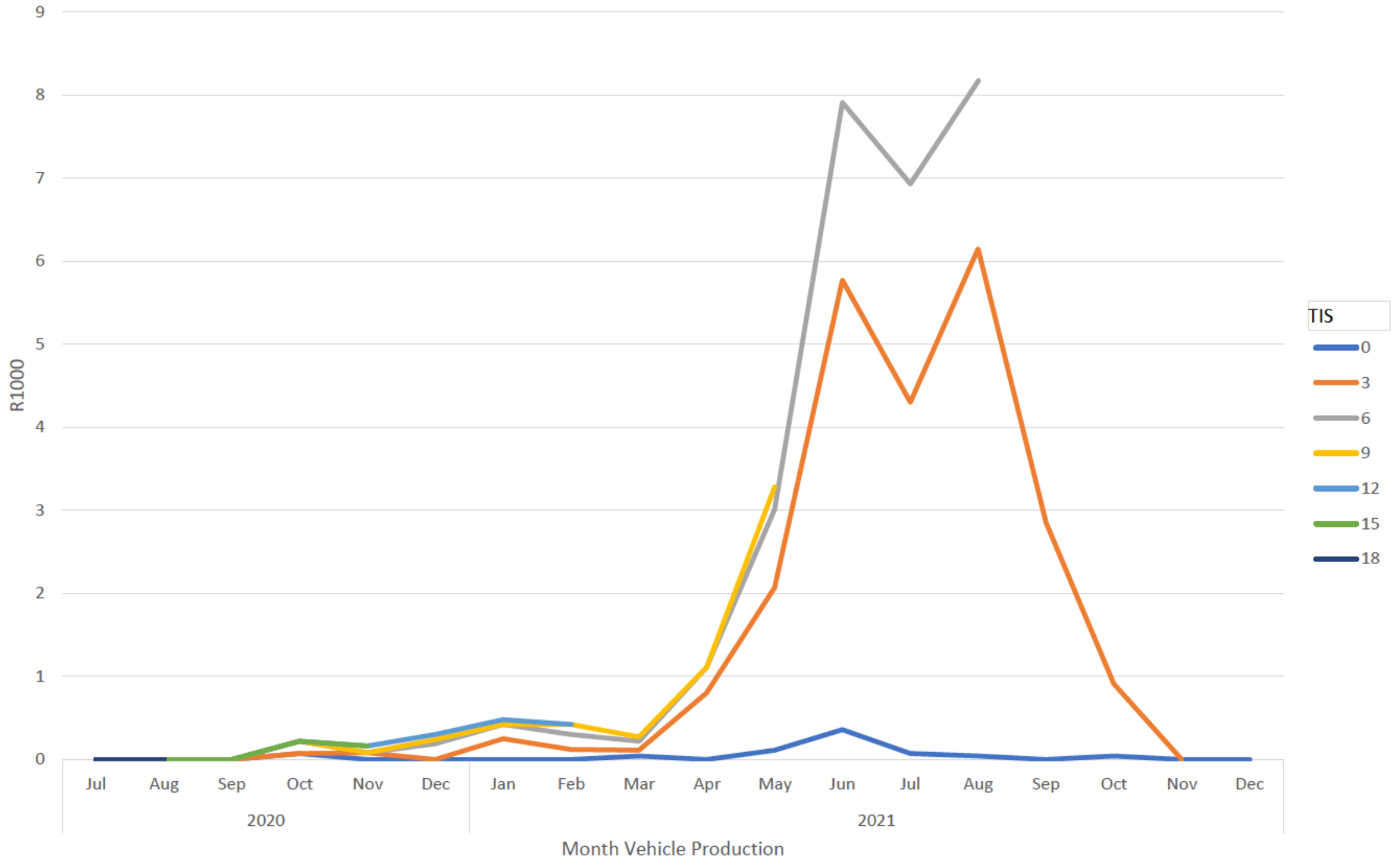
From: Knott, Tim (.) <tknott@ford.com>
Sent: Wednesday, April 27, 2022 1:56 PM
To: Steslicki, Michael (M.E.) <msteslic@ford.com>
Subject: Nano dropped Valve Warranty Analysis

Mike –

Do you recommend including 'lower end failures' claims for warranty projections?
Are all 21MY claims in the 'nano file' or are there early claims in your 21MY exchange file?

Sum of R1000

21MY Nano Dropped Valve



Years PROD_MONTH

Sum of R1000	Column Labels							
Row Labels	0	3	6	9	12	15	18	Grand Total
2020	0.07	0.15	0.49	0.54	0.68	0.38	0	2.31
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0		0
Oct	0.07	0.07	0.22	0.22	0.22	0.22		1.02
Nov	0	0.08	0.08	0.08	0.16	0.16		0.56
Dec	0	0	0.19	0.24	0.3			0.73
2021	0.66	23.33	28.07	5.5	0.9			58.46
Jan	0	0.25	0.42	0.42	0.48			1.57
Feb	0	0.12	0.3	0.42	0.42			1.26
Mar	0.04	0.11	0.22	0.27				0.64
Apr	0	0.8	1.11	1.11				3.02
May	0.11	2.07	3.01	3.28				8.47
Jun	0.36	5.77	7.91					14.04
Jul	0.07	4.3	6.93					11.3
Aug	0.04	6.15	8.17					14.36
Sep	0	2.85						2.85
Oct	0.04	0.91						0.95
Nov	0	0						0
Dec	0							0
Grand Total	0.73	23.48	28.56	6.04	1.58	0.38	0	60.77

Report Info Status=Fin Request N: Description Run Date / Completion Job Size=2 Execution ~ Precalc Prt Cut Off Da: Load Date- Currency E Generated By=TKNOTT
 Data Selec Model Yea: Cost Categ Claim Key: Trace Com Engine Global = NANO GAS V6 (GTDI) - LEP[E2277],
 Report Sel: Report Nar Destination CSV Name Model Yea: Order By = TIS Rows : YTD Colu: Minimum : Logic = Co Cost Type Use Group Currency = Distance = Descriptions = Yes
 Minimum Divisor Selected:100

MATRIX_	PROD_	MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL YE	LOGIC
1			0	0.05	12	264060	130356.1	0.49	10863.01	2021 Corporate
1			1	0.55	144	261815	1513599	5.78	10511.1	2021 Corporate
1			2	1.14	294	255619	3150624	12.18	10716.41	2021 Corporate
1			3	1.6	406	243145	4459112	17.56	10983.03	2021 Corporate
1			4	1.97	487	219903	5352569	21.63	10990.9	2021 Corporate
1			5	2.19	531	194332	5846642	24.17	11010.63	2021 Corporate
1			6	2.3	550	174929	6057253	25.37	11013.19	2021 Corporate
1			7	2.35	557	153166	6126344	25.82	10998.82	2021 Corporate
1			8	2.38	561	138260	6167004	26.12	10992.88	2021 Corporate
1			9	2.39	563	122238	6192150	26.32	10998.49	2021 Corporate
1			10	2.41	565	109183	6218606	26.57	11006.38	2021 Corporate
1			11	2.42	566	92420	6226567	26.65	11001	2021 Corporate
1			12	2.42	566	66298	6226567	26.65	11001	2021 Corporate
1			13	2.42	566	46085	6226567	26.65	11001	2021 Corporate
1			14	2.42	566	29327	6226567	26.65	11001	2021 Corporate
1			15	2.42	566	15908	6226567	26.65	11001	2021 Corporate
1			16	2.42	566	8394	6226567	26.65	11001	2021 Corporate
1			17	2.42	566	3903	6226567	26.65	11001	2021 Corporate
1			18	2.42	566	2141	6226567	26.65	11001	2021 Corporate
1			19	2.42	566	848	6226567	26.65	11001	2021 Corporate
1	7/1/2020		0	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		1	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		2	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		3	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		4	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		5	0	0	1044	0	0	0	2021 Corporate
1	7/1/2020		6	0	0	1043	0	0	0	2021 Corporate
1	7/1/2020		7	0	0	1042	0	0	0	2021 Corporate
1	7/1/2020		8	0	0	1042	0	0	0	2021 Corporate
1	7/1/2020		9	0	0	1042	0	0	0	2021 Corporate
1	7/1/2020		10	0	0	1041	0	0	0	2021 Corporate
1	7/1/2020		11	0	0	1040	0	0	0	2021 Corporate
1	7/1/2020		12	0	0	1037	0	0	0	2021 Corporate
1	7/1/2020		13	0	0	1035	0	0	0	2021 Corporate
1	7/1/2020		14	0	0	1032	0	0	0	2021 Corporate

1	7/1/2020	15	0	0	1023	0	0	0	2021 Corporate
1	7/1/2020	16	0	0	1005	0	0	0	2021 Corporate
1	7/1/2020	17	0	0	983	0	0	0	2021 Corporate
1	7/1/2020	18	0	0	938	0	0	0	2021 Corporate
1	7/1/2020	19	0	0	809	0	0	0	2021 Corporate
1	8/1/2020	0	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	1	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	2	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	3	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	4	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	5	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	6	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	7	0	0	1577	0	0	0	2021 Corporate
1	8/1/2020	8	0	0	1576	0	0	0	2021 Corporate
1	8/1/2020	9	0	0	1574	0	0	0	2021 Corporate
1	8/1/2020	10	0	0	1573	0	0	0	2021 Corporate
1	8/1/2020	11	0	0	1571	0	0	0	2021 Corporate
1	8/1/2020	12	0	0	1565	0	0	0	2021 Corporate
1	8/1/2020	13	0	0	1563	0	0	0	2021 Corporate
1	8/1/2020	14	0	0	1558	0	0	0	2021 Corporate
1	8/1/2020	15	0	0	1539	0	0	0	2021 Corporate
1	8/1/2020	16	0	0	1481	0	0	0	2021 Corporate
1	8/1/2020	17	0	0	1392	0	0	0	2021 Corporate
1	8/1/2020	18	0	0	1164	0	0	0	2021 Corporate
1	9/1/2020	0	0	0	2476	0	0	0	2021 Corporate
1	9/1/2020	1	0	0	2476	0	0	0	2021 Corporate
1	9/1/2020	2	0	0	2476	0	0	0	2021 Corporate
1	9/1/2020	3	0	0	2474	0	0	0	2021 Corporate
1	9/1/2020	4	0	0	2471	0	0	0	2021 Corporate
1	9/1/2020	5	0	0	2467	0	0	0	2021 Corporate
1	9/1/2020	6	0	0	2466	0	0	0	2021 Corporate
1	9/1/2020	7	0	0	2462	0	0	0	2021 Corporate
1	9/1/2020	8	0	0	2458	0	0	0	2021 Corporate
1	9/1/2020	9	0	0	2449	0	0	0	2021 Corporate
1	9/1/2020	10	0	0	2430	0	0	0	2021 Corporate
1	9/1/2020	11	0	0	2402	0	0	0	2021 Corporate
1	9/1/2020	12	0	0	2362	0	0	0	2021 Corporate
1	9/1/2020	13	0	0	2315	0	0	0	2021 Corporate
1	9/1/2020	14	0	0	2245	0	0	0	2021 Corporate
1	9/1/2020	15	0	0	2151	0	0	0	2021 Corporate

1	9/1/2020	16	0	0	1895	0	0	0	2021 Corporate
1	9/1/2020	17	0	0	1489	0	0	0	2021 Corporate
1	10/1/2020	0	0.07	1	13495	10243.61	0.76	10243.61	2021 Corporate
1	10/1/2020	1	0.07	1	13488	10243.61	0.76	10243.61	2021 Corporate
1	10/1/2020	2	0.07	1	13483	10243.61	0.76	10243.61	2021 Corporate
1	10/1/2020	3	0.07	1	13476	10243.61	0.76	10243.61	2021 Corporate
1	10/1/2020	4	0.15	2	13456	22511.76	1.67	11255.88	2021 Corporate
1	10/1/2020	5	0.15	2	13427	22511.76	1.67	11255.88	2021 Corporate
1	10/1/2020	6	0.22	3	13385	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	7	0.22	3	13346	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	8	0.22	3	13255	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	9	0.22	3	13118	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	10	0.22	3	12837	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	11	0.22	3	12271	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	12	0.22	3	11492	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	13	0.22	3	10293	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	14	0.22	3	8685	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	15	0.22	3	6567	30734.75	2.29	10244.92	2021 Corporate
1	10/1/2020	16	0.22	3	3974	30734.75	2.29	10244.92	2021 Corporate
1	11/1/2020	0	0	0	13120	0	0	0	2021 Corporate
1	11/1/2020	1	0	0	13113	0	0	0	2021 Corporate
1	11/1/2020	2	0	0	13100	0	0	0	2021 Corporate
1	11/1/2020	3	0.08	1	13082	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	4	0.08	1	13053	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	5	0.08	1	13016	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	6	0.08	1	12967	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	7	0.08	1	12884	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	8	0.08	1	12773	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	9	0.08	1	12574	13838.27	1.06	13838.27	2021 Corporate
1	11/1/2020	10	0.16	2	12235	26359.36	2.08	13179.68	2021 Corporate
1	11/1/2020	11	0.16	2	11585	26359.36	2.08	13179.68	2021 Corporate
1	11/1/2020	12	0.16	2	10608	26359.36	2.08	13179.68	2021 Corporate
1	11/1/2020	13	0.16	2	9149	26359.36	2.08	13179.68	2021 Corporate
1	11/1/2020	14	0.16	2	7256	26359.36	2.08	13179.68	2021 Corporate
1	11/1/2020	15	0.16	2	4589	26359.36	2.08	13179.68	2021 Corporate
1	12/1/2020	0	0	0	20673	0	0	0	2021 Corporate
1	12/1/2020	1	0	0	20667	0	0	0	2021 Corporate
1	12/1/2020	2	0	0	20655	0	0	0	2021 Corporate
1	12/1/2020	3	0	0	20644	0	0	0	2021 Corporate
1	12/1/2020	4	0	0	20620	0	0	0	2021 Corporate

1	12/1/2020	5	0.15	3	20580	28897.57	1.4	9632.52	2021	Corporate
1	12/1/2020	6	0.19	4	20503	37707.71	1.83	9426.93	2021	Corporate
1	12/1/2020	7	0.19	4	20370	37707.71	1.83	9426.93	2021	Corporate
1	12/1/2020	8	0.19	4	20200	37707.71	1.83	9426.93	2021	Corporate
1	12/1/2020	9	0.24	5	19905	47075.92	2.3	9415.18	2021	Corporate
1	12/1/2020	10	0.3	6	19207	61011.71	3.03	10168.62	2021	Corporate
1	12/1/2020	11	0.3	6	17820	61011.71	3.03	10168.62	2021	Corporate
1	12/1/2020	12	0.3	6	15776	61011.71	3.03	10168.62	2021	Corporate
1	12/1/2020	13	0.3	6	12396	61011.71	3.03	10168.62	2021	Corporate
1	12/1/2020	14	0.3	6	8512	61011.71	3.03	10168.62	2021	Corporate
1	1/1/2021	0	0	0	23697	0	0	0	2021	Corporate
1	1/1/2021	1	0.08	2	23692	25093.02	1.06	12546.51	2021	Corporate
1	1/1/2021	2	0.21	5	23673	61173.53	2.58	12234.71	2021	Corporate
1	1/1/2021	3	0.25	6	23656	74945.48	3.17	12490.91	2021	Corporate
1	1/1/2021	4	0.38	9	23587	111362	4.71	12373.55	2021	Corporate
1	1/1/2021	5	0.38	9	23509	111362	4.71	12373.55	2021	Corporate
1	1/1/2021	6	0.42	10	23412	125171.1	5.3	12517.11	2021	Corporate
1	1/1/2021	7	0.42	10	23221	125171.1	5.3	12517.11	2021	Corporate
1	1/1/2021	8	0.42	10	22955	125171.1	5.3	12517.11	2021	Corporate
1	1/1/2021	9	0.42	10	22400	125171.1	5.3	12517.11	2021	Corporate
1	1/1/2021	10	0.42	10	21185	125171.1	5.3	12517.11	2021	Corporate
1	1/1/2021	11	0.48	11	18948	133131.5	5.72	12102.87	2021	Corporate
1	1/1/2021	12	0.48	11	15143	133131.5	5.72	12102.87	2021	Corporate
1	1/1/2021	13	0.48	11	9295	133131.5	5.72	12102.87	2021	Corporate
1	2/1/2021	0	0	0	16819	0	0	0	2021	Corporate
1	2/1/2021	1	0.06	1	16814	7523.47	0.45	7523.47	2021	Corporate
1	2/1/2021	2	0.06	1	16792	7523.47	0.45	7523.47	2021	Corporate
1	2/1/2021	3	0.12	2	16773	21909.6	1.31	10954.8	2021	Corporate
1	2/1/2021	4	0.3	5	16730	52173.72	3.11	10434.74	2021	Corporate
1	2/1/2021	5	0.3	5	16643	52173.72	3.11	10434.74	2021	Corporate
1	2/1/2021	6	0.3	5	16541	52173.72	3.11	10434.74	2021	Corporate
1	2/1/2021	7	0.36	6	16362	59357.27	3.55	9892.88	2021	Corporate
1	2/1/2021	8	0.36	6	16067	59357.27	3.55	9892.88	2021	Corporate
1	2/1/2021	9	0.42	7	15548	75134.76	4.57	10733.54	2021	Corporate
1	2/1/2021	10	0.42	7	14405	75134.76	4.57	10733.54	2021	Corporate
1	2/1/2021	11	0.42	7	12258	75134.76	4.57	10733.54	2021	Corporate
1	2/1/2021	12	0.42	7	8276	75134.76	4.57	10733.54	2021	Corporate
1	3/1/2021	0	0.04	1	27563	15077.62	0.55	15077.62	2021	Corporate
1	3/1/2021	1	0.04	1	27527	15077.62	0.55	15077.62	2021	Corporate
1	3/1/2021	2	0.04	1	27444	15077.62	0.55	15077.62	2021	Corporate

1	3/1/2021	3	0.11	3	27349	39814.16	1.45	13271.39	2021	Corporate
1	3/1/2021	4	0.15	4	27048	53070.45	1.94	13267.61	2021	Corporate
1	3/1/2021	5	0.18	5	26655	60314.65	2.21	12062.93	2021	Corporate
1	3/1/2021	6	0.22	6	25914	71328.45	2.64	11888.08	2021	Corporate
1	3/1/2021	7	0.22	6	24691	71328.45	2.64	11888.08	2021	Corporate
1	3/1/2021	8	0.27	7	23491	85044.88	3.22	12149.27	2021	Corporate
1	3/1/2021	9	0.27	7	21933	85044.88	3.22	12149.27	2021	Corporate
1	3/1/2021	10	0.27	7	19667	85044.88	3.22	12149.27	2021	Corporate
1	3/1/2021	11	0.27	7	14486	85044.88	3.22	12149.27	2021	Corporate
1	4/1/2021	0	0	0	10074	0	0	0	2021	Corporate
1	4/1/2021	1	0.4	4	10038	46839.97	4.67	11709.99	2021	Corporate
1	4/1/2021	2	0.5	5	9994	58797.88	5.86	11759.58	2021	Corporate
1	4/1/2021	3	0.8	8	9923	98864.49	9.9	12358.06	2021	Corporate
1	4/1/2021	4	1.11	11	9737	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	5	1.11	11	9430	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	6	1.11	11	8549	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	7	1.11	11	7649	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	8	1.11	11	6509	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	9	1.11	11	5531	127816.2	12.87	11619.65	2021	Corporate
1	4/1/2021	10	1.11	11	4564	127816.2	12.87	11619.65	2021	Corporate
1	5/1/2021	0	0.11	1	8746	8406.36	0.96	8406.36	2021	Corporate
1	5/1/2021	1	1.03	9	8726	101128.2	11.59	11236.46	2021	Corporate
1	5/1/2021	2	1.61	14	8694	149860.8	17.19	10704.35	2021	Corporate
1	5/1/2021	3	2.07	18	8653	189720.1	21.8	10540	2021	Corporate
1	5/1/2021	4	2.53	22	8591	235521.9	27.13	10705.54	2021	Corporate
1	5/1/2021	5	3.01	26	8441	274112.7	31.7	10542.8	2021	Corporate
1	5/1/2021	6	3.01	26	8162	274112.7	31.7	10542.8	2021	Corporate
1	5/1/2021	7	3.01	26	7878	274112.7	31.7	10542.8	2021	Corporate
1	5/1/2021	8	3.28	28	7367	293289.8	34.31	10474.63	2021	Corporate
1	5/1/2021	9	3.28	28	6125	293289.8	34.31	10474.63	2021	Corporate
1	6/1/2021	0	0.36	6	16760	63310.5	3.78	10551.75	2021	Corporate
1	6/1/2021	1	2.63	44	16707	437703.1	26.19	9947.8	2021	Corporate
1	6/1/2021	2	4.68	78	16602	768850.2	46.13	9857.05	2021	Corporate
1	6/1/2021	3	5.77	96	16501	965514.1	58.05	10057.44	2021	Corporate
1	6/1/2021	4	6.88	114	16290	1152435	69.53	10109.08	2021	Corporate
1	6/1/2021	5	7.44	123	15919	1250409	75.68	10165.92	2021	Corporate
1	6/1/2021	6	7.91	130	15008	1323579	80.56	10181.37	2021	Corporate
1	6/1/2021	7	8.2	134	13768	1364863	83.55	10185.54	2021	Corporate
1	6/1/2021	8	8.29	135	10528	1372629	84.29	10167.62	2021	Corporate
1	7/1/2021	0	0.07	1	13426	13844.6	1.03	13844.6	2021	Corporate

1	7/1/2021	1	1.2	16	13307	156848.3	11.78	9803.02	2021	Corporate
1	7/1/2021	2	2.81	37	13041	378091.4	28.74	10218.69	2021	Corporate
1	7/1/2021	3	4.3	56	12794	592069.1	45.47	10572.66	2021	Corporate
1	7/1/2021	4	5.99	77	12407	817897.6	63.67	10622.05	2021	Corporate
1	7/1/2021	5	6.51	83	11517	903715.1	71.12	10888.13	2021	Corporate
1	7/1/2021	6	6.93	87	9612	953938.3	76.35	10964.81	2021	Corporate
1	7/1/2021	7	7.18	89	7877	974561.7	78.96	10950.13	2021	Corporate
1	8/1/2021	0	0.04	1	25601	11255.09	0.44	11255.09	2021	Corporate
1	8/1/2021	1	2.05	52	25361	554615.2	21.86	10665.68	2021	Corporate
1	8/1/2021	2	4.52	113	24738	1234267	49.34	10922.72	2021	Corporate
1	8/1/2021	3	6.15	152	23885	1687125	68.3	11099.5	2021	Corporate
1	8/1/2021	4	7	171	22206	1907767	78.23	11156.53	2021	Corporate
1	8/1/2021	5	7.92	189	19762	2110227	88.48	11165.22	2021	Corporate
1	8/1/2021	6	8.17	193	15751	2155589	91.36	11168.85	2021	Corporate
1	9/1/2021	0	0	0	14981	0	0	0	2021	Corporate
1	9/1/2021	1	0.74	11	14846	125783.2	8.47	11434.84	2021	Corporate
1	9/1/2021	2	1.64	24	14509	277705.9	18.94	11571.08	2021	Corporate
1	9/1/2021	3	2.85	41	14040	489962.8	34.06	11950.31	2021	Corporate
1	9/1/2021	4	3.41	48	12521	571406.8	40.57	11904.31	2021	Corporate
1	9/1/2021	5	3.7	51	10306	604495.7	43.78	11852.86	2021	Corporate
1	10/1/2021	0	0.04	1	25865	8218.33	0.32	8218.33	2021	Corporate
1	10/1/2021	1	0.12	3	25476	32742.86	1.28	10914.29	2021	Corporate
1	10/1/2021	2	0.61	15	24524	189033	7.65	12602.2	2021	Corporate
1	10/1/2021	3	0.91	22	23017	275105.6	11.39	12504.8	2021	Corporate
1	10/1/2021	4	0.96	23	18526	286768.7	12.02	12468.2	2021	Corporate
1	11/1/2021	0	0	0	20547	0	0	0	2021	Corporate
1	11/1/2021	1	0	0	19890	0	0	0	2021	Corporate
1	11/1/2021	2	0	0	17872	0	0	0	2021	Corporate
1	11/1/2021	3	0	0	14218	0	0	0	2021	Corporate
1	12/1/2021	0	0	0	7557	0	0	0	2021	Corporate
1	12/1/2021	1	0	0	7027	0	0	0	2021	Corporate
1	12/1/2021	2	0	0	5362	0	0	0	2021	Corporate

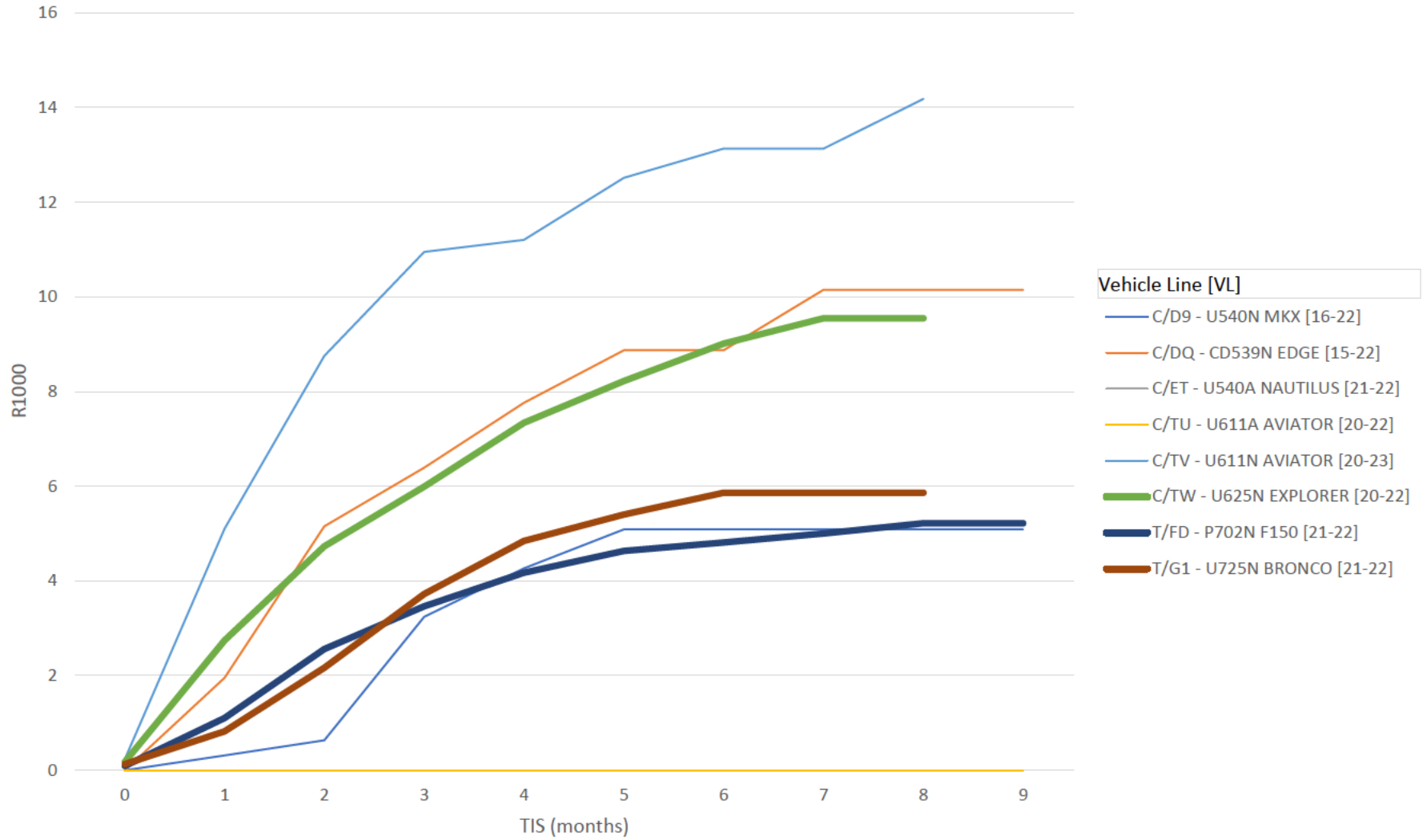
PROD_MONTH	(blank)
TIS	0

Row Labels	Sum of VEHICLES
T/FD - P702N F150 [21-22]	46800
C/TW - U625N EXPLORER [20-22]	16527
T/G1 - U725N BRONCO [21-22]	14914
C/TV - U611N AVIATOR [20-23]	4127
C/D9 - U540N MKX [16-22]	3245
C/DQ - CD539N EDGE [15-22]	2607
C/TU - U611A AVIATOR [20-22]	1933
C/ET - U540A NAUTILUS [21-22]	1257
Grand Total	91410

PROD_MONTH

Sum of R1000

21MY Nano Dropped Valve (spike window)



Vehicle Line [VL]

- C/D9 - U540N MKX [16-22]
- C/DQ - CD539N EDGE [15-22]
- C/ET - U540A NAUTILUS [21-22]
- C/TU - U611A AVIATOR [20-22]
- C/TV - U611N AVIATOR [20-23]
- C/TW - U625N EXPLORER [20-22]
- T/FD - P702N F150 [21-22]
- T/G1 - U725N BRONCO [21-22]

TIS

PROD_MONTH (blank)

Sum of R1000		Column Labels							
Row Labels	C/D9 - U540N MKX [16-22]	C/DQ - CD539N EDGE [15-22]	C/ET - U540A NAUTILUS [21-22]	C/TU - U611A AVIATOR [20-22]	C/TV - U611N AVIATOR [20-23]	C/TW - U625N EXPLORER [20-22]	T/FD - P702N F150 [21-22]	T/G1 - U725N BRONCO [21-22]	Grand Total
0	0	0	0	0	0.24	0.18	0.09	0.13	0.64
1	0.31	1.95	0	0	5.1	2.74	1.1	0.82	12.02
2	0.63	5.15	0	0	8.75	4.73	2.56	2.16	23.98
3	3.24	6.39	0	0	10.95	5.99	3.46	3.72	33.75
4	4.26	7.76	0	0	11.2	7.34	4.17	4.84	39.57
5	5.09	8.87	0	0	12.51	8.22	4.63	5.4	44.72
6	5.09	8.87	0	0	13.13	9.01	4.81	5.86	46.77
7	5.09	10.15	0	0	13.13	9.55	5	5.86	48.78
8	5.09	10.15	0	0	14.18	9.55	5.22	5.86	50.05
9	5.09	10.15	0	0			5.22		20.46
Grand Total	33.89	69.44	0	0	89.19	57.31	36.26	34.65	320.74

Report Info Status=Fin Request N: Description Run Date / Completion Job Size=3 Execution Precalc Prt Cut Off Date Load Date- Currency E Generated By=TKNOTT
 Data Selec Model Year Cost Categ Claim Key Trace Com Engine Glo Production Date[Typed] Between [01-May-2021],[15-Oct-2021],
 Report Sel Report Nar Destination CSV Name Model Year Order By = TIS Rows YTD Column Minimum Logic = Co Cost Type Use Group Currency = Distance = Descriptions = Yes
 Minimum Divisor Selected:100

MATRIX_	PROD_	MCTIS	R1000	REPAIRS	VEHICLES	COSTS	CPU	CPR	MODEL	YE	Vehicle	Lin	LOGIC
1			0	0	0	3245	0	0	0	2021	C/D9 - U54	Corporate	
1			1	0.31	1	3223	11703.63	3.63	11703.63	2021	C/D9 - U54	Corporate	
1			2	0.63	2	3161	21574.49	6.75	10787.25	2021	C/D9 - U54	Corporate	
1			3	3.24	10	3067	124342.5	40.26	12434.25	2021	C/D9 - U54	Corporate	
1			4	4.26	13	2925	159730.5	52.36	12286.96	2021	C/D9 - U54	Corporate	
1			5	5.09	15	2414	180092.1	60.79	12006.14	2021	C/D9 - U54	Corporate	
1			6	5.09	15	1734	180092.1	60.79	12006.14	2021	C/D9 - U54	Corporate	
1			7	5.09	15	1022	180092.1	60.79	12006.14	2021	C/D9 - U54	Corporate	
1			8	5.09	15	310	180092.1	60.79	12006.14	2021	C/D9 - U54	Corporate	
1			9	5.09	15	191	180092.1	60.79	12006.14	2021	C/D9 - U54	Corporate	
1	5/1/2021		0	0	0	303	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		1	0	0	303	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		2	0	0	301	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		3	0	0	300	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		4	0	0	298	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		5	0	0	292	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		6	0	0	283	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		7	0	0	268	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		8	0	0	238	0	0	0	2021	C/D9 - U54	Corporate	
1	5/1/2021		9	0	0	191	0	0	0	2021	C/D9 - U54	Corporate	
1	6/1/2021		0	0	0	171	0	0	0	2021	C/D9 - U54	Corporate	
1	6/1/2021		1	0	0	171	0	0	0	2021	C/D9 - U54	Corporate	
1	6/1/2021		2	5.88	1	170	9870.86	58.06	9870.86	2021	C/D9 - U54	Corporate	
1	6/1/2021		3	5.88	1	169	9870.86	58.06	9870.86	2021	C/D9 - U54	Corporate	
1	6/1/2021		4	11.87	2	167	22316.25	132.59	11158.13	2021	C/D9 - U54	Corporate	
1	6/1/2021		5	18.12	3	160	30995.4	186.83	10331.8	2021	C/D9 - U54	Corporate	
1	6/1/2021		6	18.12	3	147	30995.4	186.83	10331.8	2021	C/D9 - U54	Corporate	
1	6/1/2021		7	18.12	3	118	30995.4	186.83	10331.8	2021	C/D9 - U54	Corporate	
1	7/1/2021		0	0	0	906	0	0	0	2021	C/D9 - U54	Corporate	
1	7/1/2021		1	1.11	1	902	11703.63	12.98	11703.63	2021	C/D9 - U54	Corporate	
1	7/1/2021		2	1.11	1	897	11703.63	12.98	11703.63	2021	C/D9 - U54	Corporate	
1	7/1/2021		3	1.11	1	891	11703.63	12.98	11703.63	2021	C/D9 - U54	Corporate	
1	7/1/2021		4	3.38	3	879	34646.22	39.08	11548.74	2021	C/D9 - U54	Corporate	
1	7/1/2021		5	4.55	4	855	46328.74	52.74	11582.19	2021	C/D9 - U54	Corporate	
1	7/1/2021		6	4.55	4	793	46328.74	52.74	11582.19	2021	C/D9 - U54	Corporate	

1	7/1/2021	7	4.55	4	636	46328.74	52.74	11582.19	2021 C/D9 - U54 Corporate
1	8/1/2021	0	0	0	672	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	1	0	0	671	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	2	0	0	664	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	3	0	0	658	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	4	0	0	644	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	5	0	0	611	0	0	0	2021 C/D9 - U54 Corporate
1	8/1/2021	6	0	0	511	0	0	0	2021 C/D9 - U54 Corporate
1	9/1/2021	0	0	0	690	0	0	0	2021 C/D9 - U54 Corporate
1	9/1/2021	1	0	0	684	0	0	0	2021 C/D9 - U54 Corporate
1	9/1/2021	2	0	0	660	0	0	0	2021 C/D9 - U54 Corporate
1	9/1/2021	3	12.52	8	639	102768	160.83	12846	2021 C/D9 - U54 Corporate
1	9/1/2021	4	12.52	8	599	102768	160.83	12846	2021 C/D9 - U54 Corporate
1	9/1/2021	5	12.52	8	496	102768	160.83	12846	2021 C/D9 - U54 Corporate
1	10/1/2021	0	0	0	503	0	0	0	2021 C/D9 - U54 Corporate
1	10/1/2021	1	0	0	492	0	0	0	2021 C/D9 - U54 Corporate
1	10/1/2021	2	0	0	469	0	0	0	2021 C/D9 - U54 Corporate
1	10/1/2021	3	0	0	410	0	0	0	2021 C/D9 - U54 Corporate
1	10/1/2021	4	0	0	338	0	0	0	2021 C/D9 - U54 Corporate
2		0	0	0	2607	0	0	0	2021 C/DQ - CD Corporate
2		1	1.95	5	2568	53742.13	20.93	10748.43	2021 C/DQ - CD Corporate
2		2	5.15	13	2501	121450.3	48	9342.33	2021 C/DQ - CD Corporate
2		3	6.39	16	2408	150362.3	60.01	9397.64	2021 C/DQ - CD Corporate
2		4	7.76	19	2190	181763.1	74.34	9566.48	2021 C/DQ - CD Corporate
2		5	8.87	21	1802	200218.5	84.59	9534.21	2021 C/DQ - CD Corporate
2		6	8.87	21	1315	200218.5	84.59	9534.21	2021 C/DQ - CD Corporate
2		7	10.15	22	781	212014.6	99.69	9637.03	2021 C/DQ - CD Corporate
2		8	10.15	22	545	212014.6	99.69	9637.03	2021 C/DQ - CD Corporate
2		9	10.15	22	341	212014.6	99.69	9637.03	2021 C/DQ - CD Corporate
2	5/1/2021	0	0	0	675	0	0	0	2021 C/DQ - CD Corporate
2	5/1/2021	1	2.97	2	673	26069.87	38.74	13034.94	2021 C/DQ - CD Corporate
2	5/1/2021	2	2.97	2	671	26069.87	38.74	13034.94	2021 C/DQ - CD Corporate
2	5/1/2021	3	5.96	4	669	44097.55	65.68	11024.39	2021 C/DQ - CD Corporate
2	5/1/2021	4	7.48	5	660	54424.55	81.33	10884.91	2021 C/DQ - CD Corporate
2	5/1/2021	5	9.05	6	637	61462.1	92.38	10243.68	2021 C/DQ - CD Corporate
2	5/1/2021	6	9.05	6	616	61462.1	92.38	10243.68	2021 C/DQ - CD Corporate
2	5/1/2021	7	9.05	6	563	61462.1	92.38	10243.68	2021 C/DQ - CD Corporate
2	5/1/2021	8	9.05	6	484	61462.1	92.38	10243.68	2021 C/DQ - CD Corporate
2	5/1/2021	9	9.05	6	341	61462.1	92.38	10243.68	2021 C/DQ - CD Corporate
2	6/1/2021	0	0	0	150	0	0	0	2021 C/DQ - CD Corporate

2	6/1/2021	1	6.67	1	150	11477.68	76.52	11477.68	2021 C/DQ - CD Corporate
2	6/1/2021	2	26.94	4	148	32588.64	219.16	8147.16	2021 C/DQ - CD Corporate
2	6/1/2021	3	33.69	5	148	43472.97	292.7	8694.59	2021 C/DQ - CD Corporate
2	6/1/2021	4	33.69	5	147	43472.97	292.7	8694.59	2021 C/DQ - CD Corporate
2	6/1/2021	5	40.84	6	140	54890.76	374.26	9148.46	2021 C/DQ - CD Corporate
2	6/1/2021	6	40.84	6	132	54890.76	374.26	9148.46	2021 C/DQ - CD Corporate
2	6/1/2021	7	49.61	7	114	66686.88	477.73	9526.7	2021 C/DQ - CD Corporate
2	7/1/2021	0	0	0	140	0	0	0	2021 C/DQ - CD Corporate
2	7/1/2021	1	0	0	137	0	0	0	2021 C/DQ - CD Corporate
2	7/1/2021	2	7.35	1	136	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	7/1/2021	3	7.35	1	133	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	7/1/2021	4	7.35	1	127	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	7/1/2021	5	7.35	1	122	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	7/1/2021	6	7.35	1	117	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	7/1/2021	7	7.35	1	104	7469.36	54.92	7469.36	2021 C/DQ - CD Corporate
2	8/1/2021	0	0	0	671	0	0	0	2021 C/DQ - CD Corporate
2	8/1/2021	1	3	2	666	16194.58	24.32	8097.29	2021 C/DQ - CD Corporate
2	8/1/2021	2	6.04	4	659	34649.13	52.32	8662.28	2021 C/DQ - CD Corporate
2	8/1/2021	3	6.04	4	640	34649.13	52.32	8662.28	2021 C/DQ - CD Corporate
2	8/1/2021	4	7.73	5	592	47292.31	73.68	9458.46	2021 C/DQ - CD Corporate
2	8/1/2021	5	7.73	5	543	47292.31	73.68	9458.46	2021 C/DQ - CD Corporate
2	8/1/2021	6	7.73	5	450	47292.31	73.68	9458.46	2021 C/DQ - CD Corporate
2	9/1/2021	0	0	0	573	0	0	0	2021 C/DQ - CD Corporate
2	9/1/2021	1	0	0	563	0	0	0	2021 C/DQ - CD Corporate
2	9/1/2021	2	3.65	2	548	20673.27	37.72	10336.64	2021 C/DQ - CD Corporate
2	9/1/2021	3	3.65	2	521	20673.27	37.72	10336.64	2021 C/DQ - CD Corporate
2	9/1/2021	4	5.85	3	455	29103.93	56.25	9701.31	2021 C/DQ - CD Corporate
2	9/1/2021	5	5.85	3	360	29103.93	56.25	9701.31	2021 C/DQ - CD Corporate
2	10/1/2021	0	0	0	398	0	0	0	2021 C/DQ - CD Corporate
2	10/1/2021	1	0	0	379	0	0	0	2021 C/DQ - CD Corporate
2	10/1/2021	2	0	0	339	0	0	0	2021 C/DQ - CD Corporate
2	10/1/2021	3	0	0	297	0	0	0	2021 C/DQ - CD Corporate
2	10/1/2021	4	0	0	209	0	0	0	2021 C/DQ - CD Corporate
3		0	0	0	1257	0	0	0	2021 C/ET - U54 Corporate
3		1	0	0	1256	0	0	0	2021 C/ET - U54 Corporate
3		2	0	0	1255	0	0	0	2021 C/ET - U54 Corporate
3		3	0	0	1252	0	0	0	2021 C/ET - U54 Corporate
3		4	0	0	1251	0	0	0	2021 C/ET - U54 Corporate
3		5	0	0	1249	0	0	0	2021 C/ET - U54 Corporate
3		6	0	0	1244	0	0	0	2021 C/ET - U54 Corporate

3		7	0	0	1226	0	0	0	2021 C/ET - U54 Corporate
3		8	0	0	1185	0	0	0	2021 C/ET - U54 Corporate
3		9	0	0	485	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	0	0	0	491	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	1	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	2	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	3	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	4	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	5	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	6	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	7	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	8	0	0	490	0	0	0	2021 C/ET - U54 Corporate
3	5/1/2021	9	0	0	485	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	0	0	0	766	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	1	0	0	766	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	2	0	0	765	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	3	0	0	762	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	4	0	0	761	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	5	0	0	759	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	6	0	0	754	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	7	0	0	736	0	0	0	2021 C/ET - U54 Corporate
3	6/1/2021	8	0	0	695	0	0	0	2021 C/ET - U54 Corporate
4		0	0	0	1933	0	0	0	2021 C/TU - U61 Corporate
4		1	0	0	1924	0	0	0	2021 C/TU - U61 Corporate
4		2	0	0	1921	0	0	0	2021 C/TU - U61 Corporate
4		3	0	0	1899	0	0	0	2021 C/TU - U61 Corporate
4		4	0	0	1882	0	0	0	2021 C/TU - U61 Corporate
4		5	0	0	1838	0	0	0	2021 C/TU - U61 Corporate
4		6	0	0	1780	0	0	0	2021 C/TU - U61 Corporate
4		7	0	0	1690	0	0	0	2021 C/TU - U61 Corporate
4		8	0	0	1553	0	0	0	2021 C/TU - U61 Corporate
4		9	0	0	883	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	0	0	0	1249	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	1	0	0	1247	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	2	0	0	1247	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	3	0	0	1236	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	4	0	0	1225	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	5	0	0	1208	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	6	0	0	1182	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	7	0	0	1152	0	0	0	2021 C/TU - U61 Corporate

4	5/1/2021	8	0	0	1090	0	0	0	2021 C/TU - U61 Corporate
4	5/1/2021	9	0	0	883	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	0	0	0	684	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	1	0	0	677	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	2	0	0	674	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	3	0	0	663	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	4	0	0	657	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	5	0	0	630	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	6	0	0	598	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	7	0	0	538	0	0	0	2021 C/TU - U61 Corporate
4	6/1/2021	8	0	0	463	0	0	0	2021 C/TU - U61 Corporate
5		0	0.24	1	4127	10357.63	2.51	10357.63	2021 C/TV - U61 Corporate
5		1	5.1	21	4120	190852.5	46.32	9088.21	2021 C/TV - U61 Corporate
5		2	8.75	36	4105	333342.4	81.03	9259.51	2021 C/TV - U61 Corporate
5		3	10.95	45	4088	437318.5	106.46	9718.19	2021 C/TV - U61 Corporate
5		4	11.2	46	4014	448353.5	109.21	9746.81	2021 C/TV - U61 Corporate
5		5	12.51	51	3825	500729.7	122.91	9818.23	2021 C/TV - U61 Corporate
5		6	13.13	53	3225	521986.8	129.5	9848.81	2021 C/TV - U61 Corporate
5		7	13.13	53	1615	521986.8	129.5	9848.81	2021 C/TV - U61 Corporate
5		8	14.18	54	950	529753	137.67	9810.24	2021 C/TV - U61 Corporate
5	6/1/2021	0	0.56	1	1783	10357.63	5.81	10357.63	2021 C/TV - U61 Corporate
5	6/1/2021	1	4.49	8	1780	67970.91	38.18	8496.36	2021 C/TV - U61 Corporate
5	6/1/2021	2	7.31	13	1773	107031.8	60.21	8233.22	2021 C/TV - U61 Corporate
5	6/1/2021	3	8.44	15	1770	127368.7	71.7	8491.25	2021 C/TV - U61 Corporate
5	6/1/2021	4	8.44	15	1752	127368.7	71.7	8491.25	2021 C/TV - U61 Corporate
5	6/1/2021	5	9.03	16	1715	135194.1	76.26	8449.63	2021 C/TV - U61 Corporate
5	6/1/2021	6	9.64	17	1636	146865.2	83.39	8639.13	2021 C/TV - U61 Corporate
5	6/1/2021	7	9.64	17	1477	146865.2	83.39	8639.13	2021 C/TV - U61 Corporate
5	6/1/2021	8	10.69	18	950	154631.4	91.57	8590.63	2021 C/TV - U61 Corporate
5	7/1/2021	0	0	0	200	0	0	0	2021 C/TV - U61 Corporate
5	7/1/2021	1	0	0	200	0	0	0	2021 C/TV - U61 Corporate
5	7/1/2021	2	0	0	200	0	0	0	2021 C/TV - U61 Corporate
5	7/1/2021	3	5.03	1	199	13773.83	69.22	13773.83	2021 C/TV - U61 Corporate
5	7/1/2021	4	5.03	1	198	13773.83	69.22	13773.83	2021 C/TV - U61 Corporate
5	7/1/2021	5	10.1	2	197	25637.96	129.44	12818.98	2021 C/TV - U61 Corporate
5	7/1/2021	6	10.1	2	178	25637.96	129.44	12818.98	2021 C/TV - U61 Corporate
5	7/1/2021	7	10.1	2	138	25637.96	129.44	12818.98	2021 C/TV - U61 Corporate
5	8/1/2021	0	0	0	2096	0	0	0	2021 C/TV - U61 Corporate
5	8/1/2021	1	6.21	13	2092	122881.5	58.74	9452.43	2021 C/TV - U61 Corporate
5	8/1/2021	2	11.01	23	2085	226310.5	108.35	9839.59	2021 C/TV - U61 Corporate

5	8/1/2021	3	13.42	28	2072	285885	137.1	10210.18	2021 C/TV - U61 Corporate
5	8/1/2021	4	13.92	29	2018	296919.9	142.57	10238.62	2021 C/TV - U61 Corporate
5	8/1/2021	5	15.52	32	1868	329606.6	160.06	10300.21	2021 C/TV - U61 Corporate
5	8/1/2021	6	16.23	33	1411	339192.7	166.86	10278.57	2021 C/TV - U61 Corporate
6		0	0.18	3	16527	34953.04	2.11	11651.01	2021 C/TW - U6 Corporate
6		1	2.74	45	16411	465020	28.32	10333.78	2021 C/TW - U6 Corporate
6		2	4.73	77	16126	785868.5	48.22	10206.08	2021 C/TW - U6 Corporate
6		3	5.99	97	15783	997430	61.62	10282.78	2021 C/TW - U6 Corporate
6		4	7.34	116	14047	1197199	75.84	10320.68	2021 C/TW - U6 Corporate
6		5	8.22	126	11417	1301603	84.99	10330.18	2021 C/TW - U6 Corporate
6		6	9.01	132	7558	1363750	93.21	10331.44	2021 C/TW - U6 Corporate
6		7	9.55	134	3759	1380463	97.66	10301.97	2021 C/TW - U6 Corporate
6		8	9.55	134	2476	1380463	97.66	10301.97	2021 C/TW - U6 Corporate
6	6/1/2021	0	0.5	2	4003	23697.95	5.92	11848.98	2021 C/TW - U6 Corporate
6	6/1/2021	1	4.76	19	3989	185418	46.46	9758.84	2021 C/TW - U6 Corporate
6	6/1/2021	2	6.27	25	3976	241352.5	60.53	9654.1	2021 C/TW - U6 Corporate
6	6/1/2021	3	7.79	31	3951	301398.4	75.73	9722.53	2021 C/TW - U6 Corporate
6	6/1/2021	4	10.36	41	3889	406598.6	102.78	9917.04	2021 C/TW - U6 Corporate
6	6/1/2021	5	10.62	42	3795	416902.4	105.49	9926.25	2021 C/TW - U6 Corporate
6	6/1/2021	6	11.72	46	3641	457228	116.57	9939.74	2021 C/TW - U6 Corporate
6	6/1/2021	7	12.34	48	3232	473941.8	121.74	9873.79	2021 C/TW - U6 Corporate
6	6/1/2021	8	12.34	48	2476	473941.8	121.74	9873.79	2021 C/TW - U6 Corporate
6	7/1/2021	0	0	0	648	0	0	0	2021 C/TW - U6 Corporate
6	7/1/2021	1	4.64	3	647	23439.68	36.23	7813.23	2021 C/TW - U6 Corporate
6	7/1/2021	2	9.3	6	644	50622.88	78.44	8437.15	2021 C/TW - U6 Corporate
6	7/1/2021	3	9.3	6	642	50622.88	78.44	8437.15	2021 C/TW - U6 Corporate
6	7/1/2021	4	10.88	7	629	59593.11	92.7	8513.3	2021 C/TW - U6 Corporate
6	7/1/2021	5	10.88	7	612	59593.11	92.7	8513.3	2021 C/TW - U6 Corporate
6	7/1/2021	6	10.88	7	587	59593.11	92.7	8513.3	2021 C/TW - U6 Corporate
6	7/1/2021	7	10.88	7	527	59593.11	92.7	8513.3	2021 C/TW - U6 Corporate
6	8/1/2021	0	0.2	1	4884	11255.09	2.3	11255.09	2021 C/TW - U6 Corporate
6	8/1/2021	1	3.49	17	4863	191008.2	39.27	11235.77	2021 C/TW - U6 Corporate
6	8/1/2021	2	8.3	40	4791	428739	88.89	10718.47	2021 C/TW - U6 Corporate
6	8/1/2021	3	11.25	54	4743	580254.5	120.83	10745.45	2021 C/TW - U6 Corporate
6	8/1/2021	4	12.59	60	4477	644639.1	135.21	10743.99	2021 C/TW - U6 Corporate
6	8/1/2021	5	14.82	69	4027	738739.3	158.58	10706.37	2021 C/TW - U6 Corporate
6	8/1/2021	6	15.42	71	3330	760560.5	165.13	10712.12	2021 C/TW - U6 Corporate
6	9/1/2021	0	0	0	4778	0	0	0	2021 C/TW - U6 Corporate
6	9/1/2021	1	1.06	5	4735	52732.55	11.14	10546.51	2021 C/TW - U6 Corporate
6	9/1/2021	2	1.06	5	4621	52732.55	11.14	10546.51	2021 C/TW - U6 Corporate

6	9/1/2021	3	1.06	5	4446	52732.55	11.14	10546.51	2021 C/TW - U6 Corporate
6	9/1/2021	4	1.6	7	3646	73946.32	16.96	10563.76	2021 C/TW - U6 Corporate
6	9/1/2021	5	1.6	7	2983	73946.32	16.96	10563.76	2021 C/TW - U6 Corporate
6	10/1/2021	0	0	0	2214	0	0	0	2021 C/TW - U6 Corporate
6	10/1/2021	1	0.46	1	2177	12421.61	5.71	12421.61	2021 C/TW - U6 Corporate
6	10/1/2021	2	0.46	1	2094	12421.61	5.71	12421.61	2021 C/TW - U6 Corporate
6	10/1/2021	3	0.46	1	2001	12421.61	5.71	12421.61	2021 C/TW - U6 Corporate
6	10/1/2021	4	0.46	1	1406	12421.61	5.71	12421.61	2021 C/TW - U6 Corporate
7		0	0.09	4	46800	39105.56	0.84	9776.39	2021 T/FD - P70 Corporate
7		1	1.1	51	46487	562447.9	12.09	11028.39	2021 T/FD - P70 Corporate
7		2	2.56	118	45728	1334735	28.98	11311.31	2021 T/FD - P70 Corporate
7		3	3.46	158	44686	1794441	39.27	11357.22	2021 T/FD - P70 Corporate
7		4	4.17	188	42362	2139312	47.41	11379.32	2021 T/FD - P70 Corporate
7		5	4.63	204	34511	2344473	53.36	11492.52	2021 T/FD - P70 Corporate
7		6	4.81	209	27358	2408651	55.7	11524.65	2021 T/FD - P70 Corporate
7		7	5	212	16257	2442049	57.76	11519.1	2021 T/FD - P70 Corporate
7		8	5.22	214	9027	2461226	59.88	11501.06	2021 T/FD - P70 Corporate
7		9	5.22	214	4199	2461226	59.88	11501.06	2021 T/FD - P70 Corporate
7	5/1/2021	0	0.18	1	5506	8406.36	1.53	8406.36	2021 T/FD - P70 Corporate
7	5/1/2021	1	1.27	7	5497	75058.31	13.65	10722.62	2021 T/FD - P70 Corporate
7	5/1/2021	2	2.18	12	5489	123791	22.53	10315.91	2021 T/FD - P70 Corporate
7	5/1/2021	3	2.55	14	5475	145622.5	26.52	10401.61	2021 T/FD - P70 Corporate
7	5/1/2021	4	2.92	16	5455	169567	30.91	10597.93	2021 T/FD - P70 Corporate
7	5/1/2021	5	3.47	19	5411	201120.2	36.74	10585.27	2021 T/FD - P70 Corporate
7	5/1/2021	6	3.47	19	5289	201120.2	36.74	10585.27	2021 T/FD - P70 Corporate
7	5/1/2021	7	3.47	19	5129	201120.2	36.74	10585.27	2021 T/FD - P70 Corporate
7	5/1/2021	8	3.88	21	4872	220297.2	40.67	10490.34	2021 T/FD - P70 Corporate
7	5/1/2021	9	3.88	21	4199	220297.2	40.67	10490.34	2021 T/FD - P70 Corporate
7	6/1/2021	0	0.15	1	6527	8636.27	1.32	8636.27	2021 T/FD - P70 Corporate
7	6/1/2021	1	1.38	9	6519	103445.8	15.87	11493.97	2021 T/FD - P70 Corporate
7	6/1/2021	2	3.53	23	6500	256443.6	39.4	11149.72	2021 T/FD - P70 Corporate
7	6/1/2021	3	4.46	29	6480	320886	49.35	11065.03	2021 T/FD - P70 Corporate
7	6/1/2021	4	5.24	34	6412	372869.3	57.46	10966.74	2021 T/FD - P70 Corporate
7	6/1/2021	5	5.56	36	6340	396280.4	61.15	11007.79	2021 T/FD - P70 Corporate
7	6/1/2021	6	5.56	36	6109	396280.4	61.15	11007.79	2021 T/FD - P70 Corporate
7	6/1/2021	7	5.73	37	5645	409054.7	63.41	11055.53	2021 T/FD - P70 Corporate
7	6/1/2021	8	5.73	37	4155	409054.7	63.41	11055.53	2021 T/FD - P70 Corporate
7	7/1/2021	0	0.13	1	7826	13844.6	1.77	13844.6	2021 T/FD - P70 Corporate
7	7/1/2021	1	1.54	12	7801	121705	15.6	10142.08	2021 T/FD - P70 Corporate
7	7/1/2021	2	3.22	25	7749	258144.2	33.2	10325.77	2021 T/FD - P70 Corporate

7	7/1/2021	3	4.91	38	7690	401954.3	51.9	10577.74	2021 T/FD - P70 Corporate
7	7/1/2021	4	6.36	49	7578	519838.9	67.46	10608.96	2021 T/FD - P70 Corporate
7	7/1/2021	5	6.9	53	7371	582109.8	75.91	10983.2	2021 T/FD - P70 Corporate
7	7/1/2021	6	7.48	57	6844	632333	83.25	11093.56	2021 T/FD - P70 Corporate
7	7/1/2021	7	7.85	59	5483	652956.4	87.01	11067.06	2021 T/FD - P70 Corporate
7	8/1/2021	0	0	0	14017	0	0	0	2021 T/FD - P70 Corporate
7	8/1/2021	1	1.37	19	13903	212228.7	15.26	11169.93	2021 T/FD - P70 Corporate
7	8/1/2021	2	3.21	44	13574	517475.5	37.75	11760.81	2021 T/FD - P70 Corporate
7	8/1/2021	3	4.43	60	13110	710677.6	52.49	11844.63	2021 T/FD - P70 Corporate
7	8/1/2021	4	5.08	68	12266	809936.8	60.58	11910.84	2021 T/FD - P70 Corporate
7	8/1/2021	5	5.61	74	11392	885610.5	67.22	11967.71	2021 T/FD - P70 Corporate
7	8/1/2021	6	5.72	75	9116	899565.1	68.76	11994.2	2021 T/FD - P70 Corporate
7	9/1/2021	0	0	0	5980	0	0	0	2021 T/FD - P70 Corporate
7	9/1/2021	1	0.51	3	5924	41791.8	7.05	13930.6	2021 T/FD - P70 Corporate
7	9/1/2021	2	1.72	10	5783	129596.1	22.24	12959.61	2021 T/FD - P70 Corporate
7	9/1/2021	3	2.25	13	5602	166016	28.74	12770.46	2021 T/FD - P70 Corporate
7	9/1/2021	4	3.03	17	5137	217815.6	38.82	12812.68	2021 T/FD - P70 Corporate
7	9/1/2021	5	3.28	18	3997	230068	41.89	12781.56	2021 T/FD - P70 Corporate
7	10/1/2021	0	0.14	1	6944	8218.33	1.18	8218.33	2021 T/FD - P70 Corporate
7	10/1/2021	1	0.14	1	6843	8218.33	1.18	8218.33	2021 T/FD - P70 Corporate
7	10/1/2021	2	0.6	4	6633	49284.47	7.37	12321.12	2021 T/FD - P70 Corporate
7	10/1/2021	3	0.6	4	6329	49284.47	7.37	12321.12	2021 T/FD - P70 Corporate
7	10/1/2021	4	0.6	4	5514	49284.47	7.37	12321.12	2021 T/FD - P70 Corporate
8		0	0.13	2	14914	20618.66	1.38	10309.33	2021 T/G1 - U72 Corporate
8		1	0.82	12	14674	125054.7	8.5	10421.22	2021 T/G1 - U72 Corporate
8		2	2.16	31	14125	356141.1	24.86	11488.42	2021 T/G1 - U72 Corporate
8		3	3.72	52	13495	618791.9	44.32	11899.84	2021 T/G1 - U72 Corporate
8		4	4.84	66	12509	768628.9	56.3	11645.89	2021 T/G1 - U72 Corporate
8		5	5.4	71	8889	825801.4	62.73	11631.01	2021 T/G1 - U72 Corporate
8		6	5.86	73	4319	846974.7	67.64	11602.39	2021 T/G1 - U72 Corporate
8		7	5.86	73	3173	846974.7	67.64	11602.39	2021 T/G1 - U72 Corporate
8		8	5.86	73	1849	846974.7	67.64	11602.39	2021 T/G1 - U72 Corporate
8	5/1/2021	0	0	0	522	0	0	0	2021 T/G1 - U72 Corporate
8	5/1/2021	1	0	0	516	0	0	0	2021 T/G1 - U72 Corporate
8	5/1/2021	2	0	0	496	0	0	0	2021 T/G1 - U72 Corporate
8	5/1/2021	3	0	0	483	0	0	0	2021 T/G1 - U72 Corporate
8	5/1/2021	4	2.16	1	463	11530.45	24.9	11530.45	2021 T/G1 - U72 Corporate
8	5/1/2021	5	2.16	1	403	11530.45	24.9	11530.45	2021 T/G1 - U72 Corporate
8	5/1/2021	6	2.16	1	302	11530.45	24.9	11530.45	2021 T/G1 - U72 Corporate
8	5/1/2021	7	2.16	1	276	11530.45	24.9	11530.45	2021 T/G1 - U72 Corporate

8	5/1/2021	8	2.16	1	193	11530.45	24.9	11530.45	2021 T/G1 - U72 Corporate
8	6/1/2021	0	0.75	2	2676	20618.66	7.71	10309.33	2021 T/G1 - U72 Corporate
8	6/1/2021	1	2.63	7	2655	69390.73	26.07	9912.96	2021 T/G1 - U72 Corporate
8	6/1/2021	2	4.56	12	2596	121562.8	46.17	10130.23	2021 T/G1 - U72 Corporate
8	6/1/2021	3	5.73	15	2558	162517.1	62.18	10834.47	2021 T/G1 - U72 Corporate
8	6/1/2021	4	6.53	17	2505	179809.5	69.09	10577.03	2021 T/G1 - U72 Corporate
8	6/1/2021	5	7.79	20	2380	216145.5	84.35	10807.28	2021 T/G1 - U72 Corporate
8	6/1/2021	6	8.79	22	1991	237318.8	94.99	10787.22	2021 T/G1 - U72 Corporate
8	6/1/2021	7	8.79	22	1908	237318.8	94.99	10787.22	2021 T/G1 - U72 Corporate
8	6/1/2021	8	8.79	22	1656	237318.8	94.99	10787.22	2021 T/G1 - U72 Corporate
8	7/1/2021	0	0	0	3706	0	0	0	2021 T/G1 - U72 Corporate
8	7/1/2021	1	0	0	3620	0	0	0	2021 T/G1 - U72 Corporate
8	7/1/2021	2	1.17	4	3415	50151.38	14.69	12537.85	2021 T/G1 - U72 Corporate
8	7/1/2021	3	2.71	9	3239	106545.1	32.1	11838.34	2021 T/G1 - U72 Corporate
8	7/1/2021	4	5.05	16	2996	182576.1	57.47	11411.01	2021 T/G1 - U72 Corporate
8	7/1/2021	5	5.05	16	2360	182576.1	57.47	11411.01	2021 T/G1 - U72 Corporate
8	7/1/2021	6	5.05	16	1093	182576.1	57.47	11411.01	2021 T/G1 - U72 Corporate
8	7/1/2021	7	5.05	16	989	182576.1	57.47	11411.01	2021 T/G1 - U72 Corporate
8	8/1/2021	0	0	0	3261	0	0	0	2021 T/G1 - U72 Corporate
8	8/1/2021	1	0.32	1	3166	12302.18	3.89	12302.18	2021 T/G1 - U72 Corporate
8	8/1/2021	2	0.65	2	2965	27092.88	8.87	13546.44	2021 T/G1 - U72 Corporate
8	8/1/2021	3	2.16	6	2662	75658.42	27.12	12609.74	2021 T/G1 - U72 Corporate
8	8/1/2021	4	3.51	9	2209	108978.4	42.2	12108.71	2021 T/G1 - U72 Corporate
8	8/1/2021	5	3.51	9	1321	108978.4	42.2	12108.71	2021 T/G1 - U72 Corporate
8	8/1/2021	6	3.51	9	933	108978.4	42.2	12108.71	2021 T/G1 - U72 Corporate
8	9/1/2021	0	0	0	2912	0	0	0	2021 T/G1 - U72 Corporate
8	9/1/2021	1	1.04	3	2892	31258.84	10.81	10419.61	2021 T/G1 - U72 Corporate
8	9/1/2021	2	2.44	7	2850	74703.98	26.05	10672	2021 T/G1 - U72 Corporate
8	9/1/2021	3	4.24	12	2785	137482	48.59	11456.83	2021 T/G1 - U72 Corporate
8	9/1/2021	4	4.24	12	2638	137482	48.59	11456.83	2021 T/G1 - U72 Corporate
8	9/1/2021	5	5.06	14	2425	158318.5	57.19	11308.46	2021 T/G1 - U72 Corporate
8	10/1/2021	0	0	0	1837	0	0	0	2021 T/G1 - U72 Corporate
8	10/1/2021	1	0.55	1	1825	12102.92	6.63	12102.92	2021 T/G1 - U72 Corporate
8	10/1/2021	2	3.32	6	1803	82630.1	45.75	13771.68	2021 T/G1 - U72 Corporate
8	10/1/2021	3	5.58	10	1768	136589.4	76.27	13658.94	2021 T/G1 - U72 Corporate
8	10/1/2021	4	6.17	11	1698	148252.5	83.14	13477.5	2021 T/G1 - U72 Corporate
9		0	0.11	10	91410	105034.9	1.15	10503.49	2021 TOTAL Corporate
9		1	1.49	135	90663	1408821	15.53	10435.71	2021 TOTAL Corporate
9		2	3.09	277	88922	2953111	32.9	10661.05	2021 TOTAL Corporate
9		3	4.25	378	86678	4122686	46.39	10906.58	2021 TOTAL Corporate

9		4	5.11	448	81180	4894987	55.9	10926.31	2021 TOTAL	Corporate
9		5	5.72	488	65945	5352918	62.85	10969.09	2021 TOTAL	Corporate
9		6	6.03	503	48533	5521673	66.32	10977.48	2021 TOTAL	Corporate
9		7	6.23	509	29523	5583580	68.42	10969.71	2021 TOTAL	Corporate
9		8	6.4	512	17895	5610524	69.93	10958.05	2021 TOTAL	Corporate
9		9	6.4	512	6125	5610524	69.93	10958.05	2021 TOTAL	Corporate
9	5/1/2021	0	0.11	1	8746	8406.36	0.96	8406.36	2021 TOTAL	Corporate
9	5/1/2021	1	1.03	9	8726	101128.2	11.59	11236.46	2021 TOTAL	Corporate
9	5/1/2021	2	1.61	14	8694	149860.8	17.19	10704.35	2021 TOTAL	Corporate
9	5/1/2021	3	2.07	18	8653	189720.1	21.8	10540	2021 TOTAL	Corporate
9	5/1/2021	4	2.53	22	8591	235521.9	27.13	10705.54	2021 TOTAL	Corporate
9	5/1/2021	5	3.01	26	8441	274112.7	31.7	10542.8	2021 TOTAL	Corporate
9	5/1/2021	6	3.01	26	8162	274112.7	31.7	10542.8	2021 TOTAL	Corporate
9	5/1/2021	7	3.01	26	7878	274112.7	31.7	10542.8	2021 TOTAL	Corporate
9	5/1/2021	8	3.28	28	7367	293289.8	34.31	10474.63	2021 TOTAL	Corporate
9	5/1/2021	9	3.28	28	6125	293289.8	34.31	10474.63	2021 TOTAL	Corporate
9	6/1/2021	0	0.36	6	16760	63310.5	3.78	10551.75	2021 TOTAL	Corporate
9	6/1/2021	1	2.63	44	16707	437703.1	26.19	9947.8	2021 TOTAL	Corporate
9	6/1/2021	2	4.68	78	16602	768850.2	46.13	9857.05	2021 TOTAL	Corporate
9	6/1/2021	3	5.77	96	16501	965514.1	58.05	10057.44	2021 TOTAL	Corporate
9	6/1/2021	4	6.88	114	16290	1152435	69.53	10109.08	2021 TOTAL	Corporate
9	6/1/2021	5	7.44	123	15919	1250409	75.68	10165.92	2021 TOTAL	Corporate
9	6/1/2021	6	7.91	130	15008	1323579	80.56	10181.37	2021 TOTAL	Corporate
9	6/1/2021	7	8.2	134	13768	1364863	83.55	10185.54	2021 TOTAL	Corporate
9	6/1/2021	8	8.29	135	10528	1372629	84.29	10167.62	2021 TOTAL	Corporate
9	7/1/2021	0	0.07	1	13426	13844.6	1.03	13844.6	2021 TOTAL	Corporate
9	7/1/2021	1	1.2	16	13307	156848.3	11.78	9803.02	2021 TOTAL	Corporate
9	7/1/2021	2	2.81	37	13041	378091.4	28.74	10218.69	2021 TOTAL	Corporate
9	7/1/2021	3	4.3	56	12794	592069.1	45.47	10572.66	2021 TOTAL	Corporate
9	7/1/2021	4	5.99	77	12407	817897.6	63.67	10622.05	2021 TOTAL	Corporate
9	7/1/2021	5	6.51	83	11517	903715.1	71.12	10888.13	2021 TOTAL	Corporate
9	7/1/2021	6	6.93	87	9612	953938.3	76.35	10964.81	2021 TOTAL	Corporate
9	7/1/2021	7	7.18	89	7877	974561.7	78.96	10950.13	2021 TOTAL	Corporate
9	8/1/2021	0	0.04	1	25601	11255.09	0.44	11255.09	2021 TOTAL	Corporate
9	8/1/2021	1	2.05	52	25361	554615.2	21.86	10665.68	2021 TOTAL	Corporate
9	8/1/2021	2	4.52	113	24738	1234267	49.34	10922.72	2021 TOTAL	Corporate
9	8/1/2021	3	6.15	152	23885	1687125	68.3	11099.5	2021 TOTAL	Corporate
9	8/1/2021	4	7	171	22206	1907767	78.23	11156.53	2021 TOTAL	Corporate
9	8/1/2021	5	7.92	189	19762	2110227	88.48	11165.22	2021 TOTAL	Corporate
9	8/1/2021	6	8.17	193	15751	2155589	91.36	11168.85	2021 TOTAL	Corporate

9	9/1/2021	0	0	0	14981	0	0	0	2021 TOTAL	Corporate
9	9/1/2021	1	0.74	11	14846	125783.2	8.47	11434.84	2021 TOTAL	Corporate
9	9/1/2021	2	1.64	24	14509	277705.9	18.94	11571.08	2021 TOTAL	Corporate
9	9/1/2021	3	2.85	41	14040	489962.8	34.06	11950.31	2021 TOTAL	Corporate
9	9/1/2021	4	3.41	48	12521	571406.8	40.57	11904.31	2021 TOTAL	Corporate
9	9/1/2021	5	3.7	51	10306	604495.7	43.78	11852.86	2021 TOTAL	Corporate
9	10/1/2021	0	0.08	1	11896	8218.33	0.69	8218.33	2021 TOTAL	Corporate
9	10/1/2021	1	0.25	3	11716	32742.86	2.78	10914.29	2021 TOTAL	Corporate
9	10/1/2021	2	0.96	11	11338	144336.2	12.63	13121.47	2021 TOTAL	Corporate
9	10/1/2021	3	1.33	15	10805	198295.5	17.62	13219.7	2021 TOTAL	Corporate
9	10/1/2021	4	1.44	16	9165	209958.6	18.89	13122.41	2021 TOTAL	Corporate

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T32MC04

Concern	Vehicle Lin	Engine Cox	CQIS	VIN	Vehicle Bu	Dealer	Stat	Mileage	Engine Ser	Engine Build Date	Engine Pla	Initial Infor	Model Year	AWS Load Date	Issue	Trans Codr	Assy Plant	Warr Start Date	Part (Base)	Repair Date	TIS
Broken Val C/TU	C/YX	LQRAH1						869	EF06A201	6/5/2020	LEP (Nano)	2020			Engine sei: C/ET	DE		9/14/2020		10/19/2020	
Broken Val C/TV	C/YX	KZBCL0						1140	EF06A192	8/28/2019	LEP (Nano)	2020		1/14/2020	Engine noi: C/ET	AD		10/19/2019	6507	11/27/2019	2
Broken Val C/TV	C/YX	K2KIK00						766	EF06A192	8/28/2019	LEP (Nano)	2020		4/30/2020	Engine lost C/ET	AD		12/6/2019	6507	12/16/2019	1
Broken Val C/TV	C/YX	L2KCCQ0						956	EF06A192	8/27/2019	LEP (Nano)	2020		3/11/2020	Engine sei: C/ET	AD		1/28/2020	6006	2/10/2020	1
Broken Val C/TV	C/YX	L4JGV0						4153	EF06A192	8/29/2019	LEP (Nano)	2020		6/1/2020	Engine sei: C/ET	AD		1/16/2020	6006	5/22/2020	5
Broken Val C/TV	C/YX	L6AAL0						471	EF06A192	8/30/2019	LEP (Nano)	2020		6/26/2020	Engine sei: C/ET	AD		5/20/2020	6006	6/22/2020	2
Broken Val C/TV	C/YX	N/A						1393	EF06A211	6/11/2021	LEP (Nano)	2021		12/7/2021	Knock nois C/ET	AD		7/24/2021	6006	10/6/2021	3
Broken Val C/TV	C/YX	M5JBH0						9400	EF06A203	11/17/2020	LEP (Nano)	2021		5/31/2021	Overheat, r C/ET	AD		12/24/2020	6006	4/27/2021	5
Broken Val C/TV	C/YX	MQXAC						237	EF06A211	5/12/2021	LEP (Nano)	2021		11/1/2021	Engine sei: C/ET	AD		10/14/2021	6507	10/17/2021	1
Broken Val C/TV	C/YX	M7PBIO						1757	EF06A210	3/3/2021	LEP (Nano)	2021		8/9/2021	Engine sei: C/ET	AD		5/1/2021	6006	7/12/2021	3
Broken Val C/TV	C/YX	MLBR						880	EF06A212	8/4/2021	LEP (Nano)	2021		11/1/2021	Engine sei: C/ET	AD		9/25/2021	6006	10/11/2021	1
Broken Val C/TV	C/YX	N/A						739	EF06A212	8/19/2021	LEP (Nano)	2021		11/29/2021	Engine sei: C/ET	AD		9/13/2021	6006	10/5/2021	1
Broken Val C/TV	C/YX	MQYDH						744	EF06A212	8/3/2021	LEP (Nano)	2021		1/10/2022	Engine sei: C/ET	AD		9/10/2021	6006	10/11/2021	2
Broken Val C/TV	C/YX	MQYDH						744	EF06A212	8/3/2021	LEP (Nano)	2021			Engine sei: C/ET	AD		9/10/2021		10/25/2021	
Broken Val C/TV	C/YX	N/A						1145	EF06A212	8/9/2021	LEP (Nano)	2021		11/30/2021	Engine sei: C/ET	AD		9/14/2021	6006	10/1/2021	1
Broken Val C/TV	C/YX	MQ3CL0						1367	EF06A212	8/4/2021	LEP (Nano)	2021		12/28/2021	Engine sei: C/ET	AD		8/26/2021	6007	10/21/2021	2
Broken Val C/TV	C/YX	MQ4B10						856	EF06A212	8/7/2021	LEP (Nano)	2021		1/4/2022	Engine noi: C/ET	AD		9/23/2021	6006	10/13/2021	1
Broken Val C/TV	C/YX	MQ4B10						891	EF06A212	8/7/2021	LEP (Nano)	2021			Engine noi: C/ET	AD		9/23/2021		10/30/2021	
Broken Val C/TV	C/YX	MXCD20						7350	EF06A210	3/18/2021	LEP (Nano)	2021		11/15/2021	Engine sei: C/ET	AD		6/4/2021	6507	10/11/2021	-1
Broken Val C/TV	C/YX	N/A						656	EF06A212	8/20/2021	LEP (Nano)	2021		12/8/2021	Engine sei: C/ET	AD		9/22/2021	6006	10/25/2021	2
Broken Val C/TV	C/YX	N/A						791	EF06A211	6/14/2021	LEP (Nano)	2021		10/4/2021	Engine sei: C/ET	AD		7/9/2021	6006	8/4/2021	1
Broken Val C/TV	C/YX	MXWCL						1304	EF06A212	8/17/2021	LEP (Nano)	2021			Engine sei: C/ET	AD		9/17/2021		11/23/2021	
Broken Val C/TV	C/YX	M93FO0						383	EF06A211	6/14/2021	LEP (Nano)	2021		10/25/2021	Engine sei: C/ET	AD		9/1/2021	6507	9/27/2021	1
Broken Val C/TV	C/YX	N/A						984	EF06A211	6/11/2021	LEP (Nano)	2021		11/12/2021	Engine sei: C/ET	AD		9/8/2021	6507	10/1/2021	1
Broken Val C/TV	C/YX	MQKEE						1614	EF06A211	6/14/2021	LEP (Nano)	2021		11/18/2021	Engine noi: C/ET	AD		8/27/2021	6006	10/5/2021	2
Broken Val C/TV	C/YX	M9UCL0						768	EF06A211	7/1/2021	LEP (Nano)	2021			Engine sei: C/ET	AD		8/27/2021		9/21/2021	
Broken Val C/TV	C/YX	M9UCL0						768	EF06A211	7/1/2021	LEP (Nano)	2021		1/4/2022	Engine sei: C/ET	AD		8/27/2021	6006	12/6/2021	4
Broken Val C/TV	C/YX	MXWBX						1281	EF06A212	8/20/2021	LEP (Nano)	2021		12/29/2021	Engine ma C/ET	AD		10/9/2021	6006	11/16/2021	2
Broken Val C/TV	C/YX	N/A						953	EF06A212	8/3/2021	LEP (Nano)	2021		1/4/2022	Engine sei: C/ET	AD		9/21/2021	6006	11/8/2021	2
Broken Val C/TV	C/YX	M85BG0						3402	EF06A211	6/11/2021	LEP (Nano)	2021		11/19/2021	Engine sei: C/ET	AD		7/14/2021	6762	8/30/2021	2
Broken Val C/TV	C/YX	N/A						790	EF06A211	7/1/2021	LEP (Nano)	2021		11/3/2021	Engine sei: C/ET	AD		9/22/2021	6006	10/12/2021	1
Broken Val C/TV	C/YX	MQLDF0						3014	EF06A211	6/22/2021	LEP (Nano)	2021		1/12/2022	Engine sei: C/ET	AD		7/30/2021	6006	10/4/2021	3
Broken Val C/TV	C/YX	MQLDF0						3014	EF06A211	6/22/2021	LEP (Nano)	2021			Engine sei: C/ET	AD		7/30/2021		10/12/2021	
Broken Val C/TV	C/YX	N/A						375	EF06A212	8/4/2021	LEP (Nano)	2021		12/17/2021	Engine sei: C/ET	AD		11/12/2021	6006	11/22/2021	1
Broken Val C/TV	C/YX	M9HEF0						667	EF06A211	6/14/2021	LEP (Nano)	2021		10/25/2021	Engine sei: C/ET	AD		7/15/2021	6006	9/7/2021	2
Broken Val C/TV	C/YX	MXPBZ0						502	EF06A211	6/21/2021	LEP (Nano)	2021		11/25/2021	Lower end C/ET	AD		10/30/2021	6009	11/10/2021	1
Broken Val C/TV	C/YX	N/A						2755	EF06A211	6/22/2021	LEP (Nano)	2021		12/28/2021	Engine sei: C/ET	AD		10/14/2021	6006	11/30/2021	2
Broken Val C/TV	C/YX	N/A						6145	EF06A212	8/20/2021	LEP (Nano)	2021		1/10/2022	Engine sei: C/ET	AD		10/11/2021	6049	12/10/2021	3
Broken Val C/TW	C/YX	L1VEK0						2426	EF06A192	9/18/2019	LEP (Nano)	2020		2/20/2020	Engine sei: C/ET	AD		11/22/2019	6006	1/21/2020	3
Broken Val C/TW	C/YX	L2RCM0						743	EF06A191	6/27/2019	LEP (Nano)	2020		7/3/2020	Engine noi: C/ET	AD		12/31/2019	6505	2/6/2020	2
Broken Val C/TW	C/YX	L43CX0						1842	EF06A200	2/14/2020	LEP (Nano)	2020		7/27/2020	Engine sei: C/ET	AD		4/11/2020	6009	4/29/2020	1
Broken Val C/TW	C/YX	L5GDL0						1577	EF06A191	6/18/2019	LEP (Nano)	2020		6/25/2020	Engine sei: C/ET	AD		3/14/2020	6006	5/4/2020	2
Broken Val C/TW	C/YX	L5NFM0						1282	EF06A191	6/21/2019	LEP (Nano)	2020		7/9/2020	Engine sei: C/ET	AD		3/11/2020	6006	5/13/2020	3
Broken Val C/TW	C/YX	N/A						7026	EF06A191	6/24/2019	LEP (Nano)	2020		6/4/2020	Engine sei: C/ET	AD		9/17/2019	6505	4/27/2020	8
Broken Val C/TW	C/YX	L6RCY0						10479	EF06A191	6/18/2019	LEP (Nano)	2020		7/23/2020	Engine sei: C/ET	AD		9/14/2019	6507	6/18/2020	10
Broken Val C/TW	C/YX	L7BDT0						203	EF06A193	10/29/2019	LEP (Nano)	2020		10/1/2020	Engine stai C/ET	AD		6/16/2020	6049	6/24/2020	1
Broken Val C/TW	C/YX	N/A						2100	EF06A192	7/25/2019	LEP (Nano)	2020		7/13/2020	Engine sei: C/ET	AD		11/25/2019	6507	12/26/2019	2
Broken Val C/TW	C/YX	L5TGI00						5488	EF06A191	6/4/2019	LEP (Nano)	2020		7/15/2020	Engine sei: C/ET	AD		7/2/2020	6006	5/19/2020	0

Broken Val C/TW	C/YX	L6PCU01	2407	EF06A192	9/18/2019	LEP (Nano)	2020	8/14/2020	Engine sei: C/ET	AD	2/27/2020	6B288	6/15/2020	4
Broken Val C/TW	C/YX	N/A	1056	EF06A192	9/5/2019	LEP (Nano)	2020	8/31/2020	Engine sei: C/ET	AD	6/20/2020	6006	7/14/2020	1
Broken Val C/TW	C/YX	LQGBG0	933	EF06A192	9/19/2019	LEP (Nano)	2020	12/17/2020	Engine sei: C/ET	AD	8/13/2020	6200	9/4/2020	1
Broken Val C/TW	C/YX	N/A	9517	EF06A191	7/15/2019	LEP (Nano)	2020	10/20/2020	Engine sei: C/ET	AD	9/30/2019	6507	9/8/2020	12
Broken Val C/TW	C/YX	N/A	6898	EF06A191	6/21/2019	LEP (Nano)	2020	11/9/2020	Runs rougt C/ET	AD	12/5/2019	6507	9/16/2020	10
Broken Val C/TW	C/YX	N/A	1144	EF06A211	5/13/2021	LEP (Nano)	2021	12/6/2021	Engine sei: C/ET	AD	7/6/2021	6006	10/6/2021	4
Broken Val C/TW	C/YX	N/A	1571	EF06A211	6/14/2021	LEP (Nano)	2021	11/1/2021	Engine sei: C/ET	AD	8/27/2021	6006	9/25/2021	1
Broken Val C/TW	C/YX	N/A	3575	EF06A211	6/14/2021	LEP (Nano)	2021	1/6/2022	Engine sei: C/ET	AD	7/18/2021	6006	10/18/2021	4
Broken Val C/TW	C/YX	N/A	1316	EF06A211	6/21/2021	LEP (Nano)	2021	10/14/2021	Engine sei: C/ET	AD	7/16/2021	6006	8/14/2021	1
Broken Val C/TW	C/YX	M8WC50	4842	EF06A203	11/16/2020	LEP (Nano)	2021		Engine sei: C/ET	AD	4/7/2021		8/23/2021	
Broken Val C/TW	C/YX	N/A	1160	EF06A211	6/14/2021	LEP (Nano)	2021	10/20/2021	Engine sei: C/ET	AD	7/6/2021	6006	7/30/2021	1
Broken Val C/TW	C/YX	N/A	2853	EF06A210	3/16/2021	LEP (Nano)	2021	8/6/2021	Engine ma C/ET	AD	4/20/2021	6006	6/30/2021	3
Broken Val C/TW	C/YX	M9VEX00	2061	EF06A212	8/3/2021	LEP (Nano)	2021	11/1/2021	Engine sei: C/ET	AD	8/23/2021	6507	9/14/2021	1
Broken Val C/TW	C/YX	MQZEF00	1717	EF06A211	5/13/2021	LEP (Nano)	2021	11/9/2021	Engine sei: C/ET	AD	7/2/2021	6507	8/16/2021	2
Broken Val C/TW	C/YX	N/A	1316	EF06A212	8/19/2021	LEP (Nano)	2021	1/19/2022	Engine sei: C/ET	AD	9/7/2021	6006	10/22/2021	2
Broken Val C/TW	C/YX	M8PD300	642	EF06A211	5/13/2021	LEP (Nano)	2021	9/29/2021	Engine sei: C/ET	AD	7/13/2021	6006	8/9/2021	1
Broken Val C/TW	C/YX	MQRCD0	2915	EF06A212	8/30/2021	LEP (Nano)	2021	11/30/2021	Engine sei: C/ET	AD	9/16/2021	6006	10/6/2021	1
Broken Val C/TW	C/YX	MQVBY0	913	EF06A212	8/30/2021	LEP (Nano)	2021	12/7/2021	Runs rougt C/ET	AD	10/5/2021	6006	10/19/2021	1
Broken Val C/TW	C/YX	N/A	4348	EF06A210	2/3/2021	LEP (Nano)	2021	8/17/2021	Exhaust let C/ET	AD	4/5/2021	6006	7/7/2021	4
Broken Val C/TW	C/YX	N/A	1790	EF06A211	6/17/2021	LEP (Nano)	2021	12/9/2021	Engine sei: C/ET	AD	7/6/2021	6006	9/20/2021	3
Broken Val C/TW	C/YX	N/A	6599	EF06A203	11/16/2020	LEP (Nano)	2021	11/1/2021	Engine sei: C/ET	AD	1/2/2021	6006	9/4/2021	9
Broken Val C/TW	C/YX	N/A	3034	EF06A212	8/17/2021	LEP (Nano)	2021	1/19/2022	Engine sei: C/ET	AD	9/28/2021	6006	12/20/2021	3
Broken Val C/TW	C/YX	MQTE500	1895	EF06A212	8/16/2021	LEP (Nano)	2021	1/6/2022	Engine sei: C/ET	AD	9/15/2021	6006	10/18/2021	2
Broken Val C/TW	C/YX	MQTE500	1895	EF06A212	8/16/2021	LEP (Nano)	2021		Engine sei: C/ET	AD	9/15/2021		10/20/2021	
Broken Val C/TW	C/YX	N/A	1509	EF06A211	6/11/2021	LEP (Nano)	2021	10/11/2021	Engine sei: C/ET	AD	7/22/2021	6006	8/3/2021	0
Broken Val C/TW	C/YX	N/A	1909	EF06A211	6/14/2021	LEP (Nano)	2021	10/1/2021	Engine sei: C/ET	AD	7/24/2021	6006	8/31/2021	2
Broken Val C/TW	C/YX	M85CD05	443	EF06A211	6/21/2021	LEP (Nano)	2021	11/15/2021	Engine sei: C/ET	AD	7/28/2021	6006	8/17/2021	-1
Broken Val C/TW	C/YX	N/A	3959	EF06A211	6/23/2021	LEP (Nano)	2021	9/21/2021	Engine sei: C/ET	AD	7/9/2021	6006	8/26/2021	2
Broken Val C/TW	C/YX	MXWCM0	2079	EF06A212	8/9/2021	LEP (Nano)	2021	12/27/2021	Engine sei: C/ET	AD	9/10/2021	6006	11/22/2021	3
Broken Val C/TW	C/YX	MXBDV0	3334	EF06A212	8/4/2021	LEP (Nano)	2021	12/8/2021	Engine sei: C/ET	AD	8/30/2021	6006	10/25/2021	2
Broken Val C/TW	C/YX	MQEBG0	3025	EF06A211	6/11/2021	LEP (Nano)	2021	11/5/2021	Engine sei: C/ET	AD	7/14/2021	6006	9/20/2021	3
Broken Val C/TW	C/YX	MQZAR0	1246	EF06A211	6/21/2021	LEP (Nano)	2021	12/20/2021	Engine sei: C/ET	AD	9/26/2021	6250	10/23/2021	1
Broken Val C/TW	C/YX	N/A	1097	EF06A212	8/16/2021	LEP (Nano)	2021	12/9/2021	Engine sei: C/ET	AD	9/11/2021	6006	10/11/2021	2
Broken Val C/TW	C/YX	MZOFD0	2671	EF06A211	6/17/2021	LEP (Nano)	2021		Engine sei: C/ET	AD	8/9/2021		12/15/2021	
Broken Val C/TW	C/YX	M9QE200	3598	EF06A211	6/22/2021	LEP (Nano)	2021	11/25/2021	Lower end C/ET	AD	7/13/2021	6507	9/7/2021	2
Broken Val C/TW	C/YX	M9WEX0	2911	EF06A211	6/11/2021	LEP (Nano)	2021	11/5/2021	Lower end C/ET	AD	7/30/2021	6006	9/22/2021	2
Broken Val C/TW	C/YX	M8QFM0	577	EF06A211	6/14/2021	LEP (Nano)	2021	10/21/2021	Engine sei: C/ET	AD	7/29/2021	6006	8/16/2021	1
Broken Val C/TW	C/YX	N/A	2094	EF06A211	6/22/2021	LEP (Nano)	2021	10/28/2021	Engine sei: C/ET	AD	7/24/2021	6006	8/16/2021	1
Broken Val C/TW	C/YX	N/A	2321	EF06A212	8/20/2021	LEP (Nano)	2021	12/6/2021	Engine sei: C/ET	AD	9/6/2021	6507	10/18/2021	2
Broken Val C/TW	C/YX	M8BCX01	1346	EF06A211	6/14/2021	LEP (Nano)	2021	10/20/2021	Engine sei: C/ET	AD	7/6/2021	6507	7/29/2021	1
Broken Val C/TW	C/YX	N/A	823	EF06A212	8/20/2021	LEP (Nano)	2021	11/22/2021	Engine sei: C/ET	AD	9/20/2021	6006	10/4/2021	1
Broken Val C/TW	C/YX	MZQB202	2416	EF06A212	8/9/2021	LEP (Nano)	2021	1/6/2022	Engine noi: C/ET	AD	9/13/2021	6006	11/26/2021	3
Broken Val C/TW	C/YX	MQICQ00	4627	EF06A211	6/18/2021	LEP (Nano)	2021	11/22/2021	Engine sei: C/ET	AD	6/30/2021	6006	10/6/2021	4
Broken Val C/TW	C/YX	MQKCC0	3582	EF06A210	2/2/2021	LEP (Nano)	2021	11/18/2021	Engine noi: C/ET	AD	6/23/2021	6006	10/8/2021	4
Broken Val C/TW	C/YX	M9NCA00	1464	EF06A211	6/14/2021	LEP (Nano)	2021	11/19/2021	Engine sei: C/ET	AD	8/19/2021	6762	9/14/2021	1
Broken Val C/TW	C/YX	N/A	2762	EF06A212	8/19/2021	LEP (Nano)	2021	11/25/2021	Misfire, coc C/ET	AD	10/4/2021	6006	11/15/2021	2
Broken Val C/TW	C/YX	N/A	984	EF06A211	6/22/2021	LEP (Nano)	2021	10/26/2021	Hard start, C/ET	AD	7/26/2021	6108	8/9/2021	1
Broken Val C/TW	C/YX	N/A	5302	EF06A203	11/4/2020	LEP (Nano)	2021	4/9/2021	Engine noi: C/ET	AD	12/4/2020	6006	2/25/2021	3
Broken Val C/TW	C/YX	M3HE200	513	EF06A210	1/8/2021	LEP (Nano)	2021	6/18/2021	Vehicle los C/ET	AD	2/26/2021	6006	3/5/2021	1

Broken Val C/TW	C/YX	M7VFM0	710	EF06A211	6/11/2021	LEP (Nano)	2021	8/25/2021	Engine sei: C/ET	AD	6/30/2021	6006	7/19/2021	1
Broken Val C/TW	C/YX	N/A	4760	EF06A211	6/11/2021	LEP (Nano)	2021	11/11/2021	Engine ma C/ET	AD	7/22/2021	6006	11/2/2021	4
Broken Val C/TW	C/YX	N/A	3869	EF06A212	8/3/2021	LEP (Nano)	2021	12/8/2021	Engine sei: C/ET	AD	9/10/2021	6006	11/1/2021	2
Broken Val C/TW	C/YX	N/A	2610	EF06A212	8/19/2021	LEP (Nano)	2021	1/19/2022	Engine sei: C/ET	AD	9/17/2021	6006	11/22/2021	3
Broken Val C/TW	C/YX	MXIB201	7255	EF06A211	6/18/2021	LEP (Nano)	2021	1/7/2022	Engine ma C/ET	AD	7/23/2021	6006	11/5/2021	4
Broken Val C/TW	C/YX	N/A	803	EF06A212	8/20/2021	LEP (Nano)	2021	11/9/2021	Engine sei: C/ET	AD	9/8/2021	6006	9/28/2021	1
Broken Val C/TW	C/YX	MQLB200	2800	EF06A211	5/12/2021	LEP (Nano)	2021	11/10/2021	Engine noi: C/ET	AD	6/30/2021	6006	9/13/2021	3
Broken Val C/TW	C/YX	N/A	4614	EF06A210	1/14/2021	LEP (Nano)	2021	8/19/2021	Engine sei: C/ET	AD	3/12/2021	6006	6/30/2021	4
Broken Val C/TW	C/YX	N/A	2318	EF06A211	6/14/2021	LEP (Nano)	2021	12/16/2021	Engine noi: C/ET	AD	7/30/2021	6006	11/9/2021	4
Broken Val C/TW	C/YX	MQTBH0	1284	EF06A212	8/19/2021	LEP (Nano)	2021	1/19/2022	Engine sei: C/ET	AD	9/20/2021	6006	10/18/2021	1
Broken Val C/TW	C/YX	N/A	333	EF06A212	8/4/2021	LEP (Nano)	2021	1/10/2022	Engine sei: C/ET	AD	8/27/2021	6006	11/3/2021	3
Broken Val C/TW	C/YX	M91B201	1263	EF06A212	8/4/2021	LEP (Nano)	2021	10/28/2021	Engine stai C/ET	AD	9/14/2021	6006	9/27/2021	1
Broken Val C/TW	C/YX	N/A	934	EF06A211	6/11/2021	LEP (Nano)	2021	9/28/2021	Engine sei: C/ET	AD	7/16/2021	6507	8/9/2021	1
Broken Val C/TW	C/YX	MQDE50	1183	EF06A211	6/17/2021	LEP (Nano)	2021	11/23/2021	Overheat, c C/ET	AD	9/8/2021	6211	10/2/2021	1
Broken Val C/TW	C/YX	M64BY01	1245	EF06A210	1/8/2021	LEP (Nano)	2021	8/9/2021	Engine sei: C/ET	AD	5/14/2021	6007	6/23/2021	2
Broken Val C/TW	C/YX	N/A	5678	EF06A212	8/12/2021	LEP (Nano)	2021	1/20/2022	Engine sei: C/ET	AD	10/14/2021	6108	11/29/2021	2
Broken Val C/TW	C/YX	N/A	1528	EF06A211	6/11/2021	LEP (Nano)	2021	10/18/2021	Lower end C/ET	AD	8/27/2021	6006	9/14/2021	1
Broken Val C/TW	C/YX	MXCE90	412	EF06A211	6/17/2021	LEP (Nano)	2021	11/30/2021	Engine sei: C/ET	AD	8/26/2021	6006	10/19/2021	2
Broken Val C/TW	C/YX	N/A	639	EF06A212	8/19/2021	LEP (Nano)	2021	11/25/2021	Engine sei: C/ET	AD	9/21/2021	6006	9/29/2021	1
Broken Val C/TW	C/YX	N/A	1220	EF06A212	8/20/2021	LEP (Nano)	2021	1/20/2022	Engine sei: C/ET	AD	11/3/2021	6006	12/7/2021	2
Broken Val C/TW	C/YX	M93FO08	787	EF06A211	6/22/2021	LEP (Nano)	2021	11/1/2021	Engine sei: C/ET	AD	9/3/2021	6507	9/29/2021	1
Broken Val C/TW	C/YX	MXSB90	2331	EF06A212	8/16/2021	LEP (Nano)	2021		Runs rougt C/ET	AD	8/30/2021		11/19/2021	
Broken Val C/TW	C/YX	M8QCT0	623	EF06A211	5/12/2021	LEP (Nano)	2021	12/14/2021	Knock noi: C/ET	AD	7/5/2021	6006	7/17/2021	1
Broken Val C/TW	C/YX	N/A	913	EF06A212	8/3/2021	LEP (Nano)	2021	11/22/2021	Engine sei: C/ET	AD	8/21/2021	6006	9/30/2021	2
Broken Val C/TW	C/YX	N/A	561	EF06A212	8/4/2021	LEP (Nano)	2021	11/10/2021	Engine noi: C/ET	AD	8/19/2021	6507	9/7/2021	1
Broken Val C/TW	C/YX	N/A	1485	EF06A211	6/14/2021	LEP (Nano)	2021	1/20/2022	Misfire, coc C/ET	AD	7/29/2021	6007	9/20/2021	2
Broken Val C/D9	C/WQ	MZOCO0	2489	EF06A212	9/1/2021	LEP (Nano)	2021		Engine sei: C/FY	AS	9/17/2021		12/15/2021	
Broken Val C/D9	C/WQ	N/A	2275	EF06A210	3/25/2021	LEP (Nano)	2021	10/25/2021	Engine sei: C/FY	AS	4/30/2021	6518	8/24/2021	4
Broken Val C/D9	C/WQ	M8QCL0	875	EF06A211	7/2/2021	LEP (Nano)	2021	9/21/2021	Engine sei: C/FY	AS	7/30/2021	6006	8/16/2021	1
Broken Val C/D9	C/WQ	N/A	1168	EF06A211	6/9/2021	LEP (Nano)	2021	11/23/2021	Engine noi: C/FY	AS	8/9/2021	6006	9/14/2021	2
Broken Val C/D9	C/WQ	N/A	2062	EF06A210	3/23/2021	LEP (Nano)	2021	10/15/2021	Runs rougt C/FY	AS	5/11/2021	92	8/11/2021	4
Broken Val C/DQ	C/WQ	MXFBD0	1856	EF06A211	6/9/2021	LEP (Nano)	2021		Engine sei: C/FY	AS	8/30/2021		11/6/2021	
Broken Val C/DQ	C/WQ	MZAD300	1294	EF06A212	9/1/2021	LEP (Nano)	2021	1/18/2022	Engine noi: C/FY	AS	10/23/2021	6006	11/30/2021	2
Broken Val C/DQ	C/WQ	MZAD300	1294	EF06A212	9/1/2021	LEP (Nano)	2021		Engine noi: C/FY	AS	10/23/2021		12/1/2021	
Broken Val C/DQ	C/WQ	N/A	821	EF06A212	8/3/2021	LEP (Nano)	2021	10/25/2021	Engine sei: C/FY	AS	8/24/2021	6006	9/24/2021	2
Broken Val C/DQ	C/WQ	M4MDU0	857	EF06A203	12/17/2020	LEP (Nano)	2021	4/22/2021	Engine lost C/FY	AS	3/5/2021	6006	3/31/2021	1
Broken Val C/DQ	C/WQ	N/A	2398	EF06A211	5/14/2021	LEP (Nano)	2021	1/5/2022	Engine sei: C/FY	AS	7/2/2021	6507	9/27/2021	3
Broken Val C/DQ	C/WQ	MZHFO2	1303	EF06A212	8/3/2021	LEP (Nano)	2021	12/20/2021	Engine sei: C/FY	AS	11/11/2021	6505	12/3/2021	1
Broken Val C/DQ	C/WQ	N/A	1663	EF06A212	8/31/2021	LEP (Nano)	2021	1/19/2022	Engine sei: C/FY	AS	11/1/2021	6006	12/2/2021	2
Broken Val C/DQ	C/WQ	M7NCQ0	388	EF06A211	5/11/2021	LEP (Nano)	2021	8/9/2021	Engine sei: C/FY	AS	6/25/2021	6007	7/12/2021	1
Broken Val C/DQ	C/WQ	N/A	2762	EF06A211	6/9/2021	LEP (Nano)	2021	11/10/2021	Engine sei: C/FY	AS	8/2/2021	6009	9/4/2021	2
Broken Val C/DQ	C/WQ	MZCBX0	2460	EF06A212	8/10/2021	LEP (Nano)	2021	1/17/2022	Engine sei: C/FY	AS	10/22/2021	6006	11/22/2021	2
Broken Val C/DQ	C/WQ	MZCBX0	2460	EF06A212	8/10/2021	LEP (Nano)	2021		Engine sei: C/FY	AS	10/22/2021		12/3/2021	
Broken Val C/DQ	C/WQ	M9NEY0	904	EF06A211	7/15/2021	LEP (Nano)	2021	10/12/2021	Engine sei: C/FY	AS	9/1/2021	6006	9/13/2021	1
Broken Val C/DQ	C/WQ	M92DM0	1589	EF06A211	5/3/2021	LEP (Nano)	2021	11/11/2021	Engine sei: C/FY	AS	6/1/2021	6505	9/27/2021	4
Broken Val C/DQ	C/WQ	N/A	4218	EF06A211	5/6/2021	LEP (Nano)	2021	11/17/2021	Engine sei: C/FY	AS	5/26/2021	6006	10/22/2021	5
Broken Val T/G1	T/WQ	MZOB40	1912	EF06A212	7/30/2021	LEP (Nano)	2021		Engine sei: T/ET	AP	10/6/2021		12/15/2021	
Broken Val T/G1	T/WQ	N/A	2906	EF06A211	5/13/2021	LEP (Nano)	2021	1/3/2022	Engine sei: T/ET	AP	7/6/2021	6006	11/12/2021	5
Broken Val T/G1	T/WQ	MZMD20	2731	EF06A211	6/18/2021	LEP (Nano)	2021		Engine sei: T/ET	AP	10/12/2021		12/13/2021	

Broken Val T/G1	T/WQ	MXPB20	4736	EF06A211	6/23/2021	LEP (Nano)	2021	Engine sei: T/ET	AP	7/27/2021	11/16/2021	
Broken Val T/G1	T/WQ	MXPCP0	3474	EF06A211	5/4/2021	LEP (Nano)	2021	Engine sei: T/ET	AP	7/30/2021	11/16/2021	
Broken Val T/G1	T/WQ	M7ZCV0	743	EF06A211	6/14/2021	LEP (Nano)	2021	8/16/2021 Engine sei: T/ET	AP	7/13/2021 6505	7/26/2021	1
Broken Val T/G1	T/WQ	N/A	2743	EF06A211	6/10/2021	LEP (Nano)	2021	1/7/2022 Engine sei: T/ET	AP	7/20/2021 6006	11/15/2021	4
Broken Val T/G1	T/WQ	MX4D20	937	EF06A211	6/14/2021	LEP (Nano)	2021	Engine noi: T/ET	AP	7/30/2021	11/30/2021	
Broken Val T/G1	T/WQ	N/A	950	EF06A211	6/14/2021	LEP (Nano)	2021	10/19/2021 Engine sei: T/ET	AP	7/23/2021 6006	9/7/2021	2
Broken Val T/G1	T/WQ	M9QD70	1880	EF06A211	5/5/2021	LEP (Nano)	2021	11/26/2021 Knock noi: T/ET	AP	8/3/2021 6108	9/13/2021	2
Broken Val T/G1	T/WQ	MQOBQ	6245	EF06A211	6/30/2021	LEP (Nano)	2021	11/17/2021 Engine sei: T/ET	AP	7/29/2021 6505	10/15/2021	3
Broken Val T/G1	T/WQ	M92FD0	1578	EF06A211	6/17/2021	LEP (Nano)	2021	11/18/2021 Engine sei: T/ET	AP	8/5/2021 6006	9/22/2021	2
Broken Val T/G1	T/WQ	MXVBX0	2844	EF06A212	8/2/2021	LEP (Nano)	2021	Engine sei: T/ET	AP	10/13/2021	11/22/2021	
Broken Val T/G1	T/WQ	N/A	3410	EF06A212	8/4/2021	LEP (Nano)	2021	1/7/2022 Engine sei: T/ET	AP	9/29/2021 6505	12/7/2021	3
Broken Val T/G1	T/WQ	M8XEB0	985	EF06A211	6/18/2021	LEP (Nano)	2021	9/24/2021 Engine sei: T/ET	AP	7/27/2021 6006	8/23/2021	1
Broken Val T/G1	T/WQ	MQYE23	2907	EF06A211	6/15/2021	LEP (Nano)	2021	11/25/2021 Engine sei: T/ET	AP	8/4/2021 6006	10/25/2021	3
Broken Val T/G1	T/WQ	MXWD3	2646	EF06A211	6/23/2021	LEP (Nano)	2021	12/29/2021 Engine sei: T/ET	AP	8/10/2021 6006	11/16/2021	4
Broken Val T/G1	T/WQ	MZBB20	2524	EF06A211	5/12/2021	LEP (Nano)	2021	12/16/2021 Engine stai: T/ET	AP	7/7/2021 6006	9/15/2021	3
Broken Val T/G1	T/WQ	M71B40	1146	EF06A211	6/10/2021	LEP (Nano)	2021	8/16/2021 Engine sei: T/ET	AP	6/30/2021 6000	7/22/2021	1
Broken Val T/G1	T/WQ	M71B40	1146	EF06A211	6/10/2021	LEP (Nano)	2021	Engine sei: T/ET	AP	6/30/2021	7/27/2021	
Broken Val T/G1	T/WQ	M9HDF0	1444	EF06A211	5/13/2021	LEP (Nano)	2021	11/9/2021 Engine sei: T/ET	AP	7/28/2021 6108	9/7/2021	2
Broken Val T/G1	T/WQ	MQKA70	2394	EF06A211	6/9/2021	LEP (Nano)	2021	11/2/2021 Engine sei: T/ET	AP	7/26/2021 6505	9/10/2021	2
Broken Val T/G1	T/WQ	MQODM	1294	EF06A211	6/28/2021	LEP (Nano)	2021	12/7/2021 Misfire, coc: T/ET	AP	9/20/2021 6507	10/13/2021	1
Broken Val T/G1	T/WQ	N/A	1466	EF06A212	7/28/2021	LEP (Nano)	2021	11/25/2021 Engine sei: T/ET	AP	10/5/2021 6006	10/22/2021	1
Broken Val T/G1	T/WQ	MX4E90	4321	EF06A212	8/4/2021	LEP (Nano)	2021	12/7/2021 Mil light ca: T/ET	AP	9/10/2021 6006	11/10/2021	3
Broken Val T/G1	T/WQ	MX1E432	1524	EF06A212	8/4/2021	LEP (Nano)	2021	1/6/2022 Engine sei: T/ET	AP	8/25/2021 6006	10/14/2021	2
Broken Val T/G1	T/WQ	MX1E432	1524	EF06A212	8/4/2021	LEP (Nano)	2021	Engine sei: T/ET	AP	8/25/2021	11/10/2021	
Broken Val T/G1	T/WQ	M84EU0	1372	EF06A211	5/11/2021	LEP (Nano)	2021	9/28/2021 Engine sei: T/ET	AP	7/31/2021 6006	8/23/2021	1
Broken Val T/G1	T/WQ	M9ME50	2167	EF06A211	6/14/2021	LEP (Nano)	2021	10/18/2021 Lower end: T/ET	AP	7/24/2021 6006	7/22/2021	0
Broken Val T/G1	T/WQ	MXBDA0	5272	EF06A211	6/23/2021	LEP (Nano)	2021	12/3/2021 Engine sei: T/ET	AP	8/3/2021 6505	11/2/2021	4
Broken Val T/G1	T/WQ	M9ID200	601	EF06A211	6/10/2021	LEP (Nano)	2021	10/27/2021 Engine sei: T/ET	AP	7/28/2021 6006	8/23/2021	1
Broken Val T/G1	T/WQ	N/A	1932	EF06A212	8/16/2021	LEP (Nano)	2021	12/15/2021 Engine sei: T/ET	AP	11/5/2021 6006	12/3/2021	1
Broken Val T/G1	T/WQ	MQREO	3592	EF06A211	6/10/2021	LEP (Nano)	2021	12/1/2021 Engine sei: T/ET	AP	7/20/2021 6006	9/25/2021	3
Broken Val T/FC	T/WQ	J53FJ01	933	EF06A180	3/20/2018	LEP (Nano)	2018	7/2/2018 Rattle noi: T/EU	AJ	4/24/2018 6049	5/24/2018	2
Broken Val T/FC	T/WQ	N/A	1021	EF06A200	3/17/2020	LEP (Nano)	2020	10/30/2020 Engine sei: T/EU	AJ	7/31/2020 6507	8/31/2020	2
Broken Val T/FC	T/WQ	N/A	3200	EF06A200	3/19/2020	LEP (Nano)	2020	11/2/2020 Engine sei: T/EU	AF	8/3/2020 6006	9/9/2020	2
Broken Val T/FC	T/WQ	N/A	2008	EF06A201	6/16/2020	LEP (Nano)	2020	11/4/2020 Engine sei: T/EU	AF	9/2/2020 6009	10/5/2020	2
Broken Val T/FC	T/WQ	N/A	903	EF06A202	8/17/2020	LEP (Nano)	2020	11/5/2020 No start, cx: T/EU	AF	9/2/2020 6006	10/15/2020	2
Broken Val T/FD	T/WQ	N/A	8327	EF06A211	5/11/2021	LEP (Nano)	2021	12/2/2021 Knock noi: T/EU	AF	8/31/2021 6006	11/12/2021	3
Broken Val T/FD	T/WQ	MQYDA	2298	EF06A212	8/19/2021	LEP (Nano)	2021	12/8/2021 Engine noi: T/EU	AF	9/21/2021 6006	10/18/2021	1
Broken Val T/FD	T/WQ	N/A	2178	EF06A203	12/16/2020	LEP (Nano)	2021	5/11/2021 Knock noi: T/EU	AJ	2/6/2021 6006	3/14/2021	2
Broken Val T/FD	T/WQ	MQ3EW	1188	EF06A211	5/7/2021	LEP (Nano)	2021	1/4/2022 Engine sei: T/EU	AF	8/9/2021 6006	10/4/2021	2
Broken Val T/FD	T/WQ	MQ3EW	1188	EF06A211	5/7/2021	LEP (Nano)	2021	Engine sei: T/EU	AF	8/9/2021	10/29/2021	
Broken Val T/FD	T/WQ	M9UEJ0	1421	EF06A212	8/7/2021	LEP (Nano)	2021	11/24/2021 Engine sei: T/EU	AF	9/6/2021 6006	9/17/2021	1
Broken Val T/FD	T/WQ	MZMFM	5084	EF06A211	6/28/2021	LEP (Nano)	2021	Runs roug: T/EU	AJ	8/30/2021	12/13/2021	
Broken Val T/FD	T/WQ	N/A	1027	EF06A211	6/15/2021	LEP (Nano)	2021	11/23/2021 Engine sei: T/EU	AF	8/9/2021 6006	9/28/2021	2
Broken Val T/FD	T/WQ	N/A	3691	EF06A211	5/7/2021	LEP (Nano)	2021	11/2/2021 Engine sei: T/EU	AF	7/7/2021 6505	8/23/2021	2
Broken Val T/FD	T/WQ	N/A	3199	EF06A211	5/7/2021	LEP (Nano)	2021	12/3/2021 Engine sei: T/EU	AF	7/15/2021 6006	10/11/2021	3
Broken Val T/FD	T/WQ	N/A	1230	EF06A211	5/11/2021	LEP (Nano)	2021	9/24/2021 Runs roug: T/EU	AF	7/13/2021 9F593	7/17/2021	1
Broken Val T/FD	T/WQ	N/A	892	EF06A211	7/14/2021	LEP (Nano)	2021	9/21/2021 Vehicle sta: T/EU	AF	8/4/2021 6006	8/19/2021	1
Broken Val T/FD	T/WQ	MQZEX0	3404	EF06A211	5/14/2021	LEP (Nano)	2021	Engine sei: T/EU	AF	8/28/2021	10/26/2021	
Broken Val T/FD	T/WQ	N/A	2094	EF06A211	5/10/2021	LEP (Nano)	2021	9/3/2021 Engine sei: T/EU	AJ	7/24/2021 6007	8/3/2021	1

Broken Val T/FD	T/WQ	N/A	1960	EF06A211	5/11/2021	LEP (Nano)	2021	9/24/2021	Engine sei: T/EU	AF	6/29/2021	6006	7/30/2021	2
Broken Val T/FD	T/WQ	MQSE00	1646	EF06A212	7/27/2021	LEP (Nano)	2021	11/25/2021	Engine sei: T/EU	AF	9/24/2021	6006	10/15/2021	1
Broken Val T/FD	T/WQ	M9BFK00	3722	EF06A211	5/10/2021	LEP (Nano)	2021	10/20/2021	Engine ma T/EU	AF	7/15/2021	6006	8/27/2021	2
Broken Val T/FD	T/WQ	N/A	462	EF06A211	5/7/2021	LEP (Nano)	2021	10/28/2021	Engine sei: T/EU	AJ	8/8/2021	6006	8/19/2021	1
Broken Val T/FD	T/WQ	N/A	3421	EF06A211	5/11/2021	LEP (Nano)	2021	11/18/2021	Engine sei: T/EU	AJ	9/11/2021	6006	10/18/2021	2
Broken Val T/FD	T/WQ	M9QB901	2083	EF06A210	3/30/2021	LEP (Nano)	2021	11/2/2021	Knock noi: T/EU	AF	8/6/2021	6006	9/2/2021	1
Broken Val T/FD	T/WQ	N/A	1061	EF06A211	7/2/2021	LEP (Nano)	2021	10/19/2021	Engine noi: T/EU	AF	8/16/2021	6006	9/17/2021	2
Broken Val T/FD	T/WQ	N/A	1192	EF06A212	8/19/2021	LEP (Nano)	2021	1/19/2022	Engine sei: T/EU	AF	9/11/2021	6006	9/30/2021	1
Broken Val T/FD	T/WQ	MXIDC01	862	EF06A210	4/7/2021	LEP (Nano)	2021	12/8/2021	Engine sei: T/EU	AF	10/16/2021	6006	11/4/2021	1
Broken Val T/FD	T/WQ	MQLBQ0	4214	EF06A211	5/11/2021	LEP (Nano)	2021		Engine sei: T/EU	AF	8/11/2021		10/12/2021	
Broken Val T/FD	T/WQ	MZJER01	1748	EF06A212	8/7/2021	LEP (Nano)	2021	12/20/2021	Engine sei: T/EU	AF	9/25/2021	6006	10/8/2021	1
Broken Val T/FD	T/WQ	N/A	2285	EF06A211	5/6/2021	LEP (Nano)	2021	11/5/2021	Engine sei: T/EU	AF	6/5/2021	6505	8/10/2021	3
Broken Val T/FD	T/WQ	N/A	2367	EF06A211	5/11/2021	LEP (Nano)	2021	11/22/2021	Engine sei: T/EU	AF	8/23/2021	6006	10/4/2021	2
Broken Val T/FD	T/WQ	M8TE200	668	EF06A211	5/11/2021	LEP (Nano)	2021	10/8/2021	Engine sei: T/EU	AF	8/6/2021	6006	8/18/2021	1
Broken Val T/FD	T/WQ	MQKBZ0	2482	EF06A212	8/3/2021	LEP (Nano)	2021	11/2/2021	Engine noi: T/EU	AF	9/8/2021	6006	10/11/2021	2
Broken Val T/FD	T/WQ	N/A	2391	EF06A212	8/6/2021	LEP (Nano)	2021	11/23/2021	Engine sei: T/EU	AF	9/23/2021	6006	10/25/2021	2
Broken Val T/FD	T/WQ	MZJER02	1388	EF06A212	8/30/2021	LEP (Nano)	2021	12/17/2021	Engine sei: T/EU	AF	10/6/2021	6007	11/15/2021	2
Broken Val T/FD	T/WQ	M9HDT0	4888	EF06A211	5/14/2021	LEP (Nano)	2021	10/22/2021	Engine sei: T/EU	AF	7/20/2021	6009	9/7/2021	2
Broken Val T/FD	T/WQ	N/A	2500	EF06A211	6/30/2021	LEP (Nano)	2021	1/10/2022	Engine sei: T/EU	AF	8/5/2021	6006	10/11/2021	3
Broken Val T/FD	T/WQ	MXKE50	2775	EF06A212	8/19/2021	LEP (Nano)	2021	1/6/2022	Engine sei: T/EU	AF	9/24/2021	6006	11/10/2021	2
Broken Val T/FD	T/WQ	MXKE50	2775	EF06A212	8/19/2021	LEP (Nano)	2021		Engine sei: T/EU	AF	9/24/2021		11/11/2021	
Broken Val T/FD	T/WQ	N/A	505	EF06A211	5/13/2021	LEP (Nano)	2021	11/17/2021	Engine sei: T/EU	AJ	7/28/2021	6006	8/3/2021	1
Broken Val T/FD	T/WQ	MQSCV0	947	EF06A211	5/13/2021	LEP (Nano)	2021	11/25/2021	Engine sei: T/EU	AJ	7/31/2021	6256	8/18/2021	1
Broken Val T/FD	T/WQ	M9VE200	1865	EF06A210	4/7/2021	LEP (Nano)	2021	10/20/2021	Engine sei: T/EU	AF	8/13/2021	6006	8/28/2021	1
Broken Val T/FD	T/WQ	N/A	2781	EF06A211	5/3/2021	LEP (Nano)	2021	8/13/2021	Engine sei: T/EU	AF	5/21/2021	6006	7/12/2021	2
Broken Val T/FD	T/WQ	N/A	3462	EF06A211	5/12/2021	LEP (Nano)	2021	12/17/2021	Engine sei: T/EU	AF	6/30/2021	6006	11/4/2021	5
Broken Val T/FD	T/WQ	N/A	5914	EF06A211	5/13/2021	LEP (Nano)	2021	10/13/2021	Engine sei: T/EU	AF	8/2/2021	6006	9/11/2021	2
Broken Val T/FD	T/WQ	M8KE500	588	EF06A211	6/28/2021	LEP (Nano)	2021	10/4/2021	Engine die: T/EU	AF	7/22/2021	6006	8/2/2021	1
Broken Val T/FD	T/WQ	N/A	4375	EF06A212	8/19/2021	LEP (Nano)	2021	12/1/2021	Engine sei: T/EU	AF	9/13/2021	6006	10/22/2021	2
Broken Val T/FD	T/WQ	MQHCS0	1816	EF06A211	5/10/2021	LEP (Nano)	2021	11/26/2021	Engine sei: T/EU	AJ	7/26/2021	6006	10/4/2021	3
Broken Val T/FD	T/WQ	N/A	1862	EF06A212	7/25/2021	LEP (Nano)	2021	12/16/2021	Crank, no s: T/EU	AJ	9/24/2021	6006	10/22/2021	1
Broken Val T/FD	T/WQ	M7EA900	861	EF06A211	5/12/2021	LEP (Nano)	2021	7/30/2021	Engine sei: T/EU	AF	6/14/2021	6006	6/26/2021	1
Broken Val T/FD	T/WQ	N/A	1215	EF06A211	7/2/2021	LEP (Nano)	2021	11/22/2021	Engine sei: T/EU	AF	9/30/2021	6007	10/18/2021	1
Broken Val T/FD	T/WQ	N/A	2485	EF06A211	5/7/2021	LEP (Nano)	2021	11/25/2021	Engine sei: T/EU	AF	7/10/2021	6007	9/13/2021	3
Broken Val T/FD	T/WQ	N/A	608	EF06A212	8/17/2021	LEP (Nano)	2021	12/6/2021	Engine sei: T/EU	AF	9/13/2021	6006	10/4/2021	1
Broken Val T/FD	T/WQ	MZBB202	8086	EF06A211	6/7/2021	LEP (Nano)	2021	12/17/2021	Engine sei: T/EU	AJ	8/9/2021	6006	12/2/2021	4
Broken Val T/FD	T/WQ	MQSCV0	3439	EF06A210	4/1/2021	LEP (Nano)	2021	11/17/2021	Engine sei: T/EU	AF	8/10/2021	6006	9/4/2021	1
Broken Val T/FD	T/WQ	N/A	1722	EF06A211	5/3/2021	LEP (Nano)	2021	9/3/2021	Engine sei: T/EU	AF	5/29/2021	6006	7/6/2021	2
Broken Val T/FD	T/WQ	N/A	2682	EF06A211	6/24/2021	LEP (Nano)	2021	12/30/2021	Engine sei: T/EU	AF	7/27/2021	6006	9/22/2021	2
Broken Val T/FD	T/WQ	M9QDE0	793	EF06A212	8/6/2021	LEP (Nano)	2021	11/8/2021	Engine sei: T/EU	AF	9/1/2021	6009	9/16/2021	1
Broken Val T/FD	T/WQ	M9PA101	1832	EF06A211	5/10/2021	LEP (Nano)	2021	12/9/2021	Engine sei: T/EU	AJ	8/4/2021	6108	9/10/2021	2
Broken Val T/FD	T/WQ	N/A	1800	EF06A211	6/24/2021	LEP (Nano)	2021	10/13/2021	Engine sei: T/EU	AJ	8/11/2021	6006	9/8/2021	1
Broken Val T/FD	T/WQ	MQSBN0	1316	EF06A212	8/10/2021	LEP (Nano)	2021	11/30/2021	Engine sei: T/EU	AF	8/30/2021	6006	10/12/2021	2
Broken Val T/FD	T/WQ	MXSDN0	1456	EF06A210	3/31/2021	LEP (Nano)	2021	1/6/2022	Engine noi: T/EU	AF	9/29/2021	6006	11/15/2021	2
Broken Val T/FD	T/WQ	MXSDN0	1456	EF06A210	3/31/2021	LEP (Nano)	2021		Engine noi: T/EU	AF	9/29/2021		11/19/2021	
Broken Val T/FD	T/WQ	N/A	1688	EF06A211	5/13/2021	LEP (Nano)	2021	8/26/2021	Engine noi: T/EU	AF	7/26/2021	6006	7/30/2021	1
Broken Val T/FD	T/WQ	N/A	1178	EF06A211	5/10/2021	LEP (Nano)	2021	11/8/2021	Engine noi: T/EU	AF	8/16/2021	6006	9/3/2021	1
Broken Val T/FD	T/WQ	N/A	2305	EF06A211	6/28/2021	LEP (Nano)	2021	11/23/2021	Lower end T/EU	AF	8/20/2021	6006	10/5/2021	2
Broken Val T/FD	T/WQ	N/A	1209	EF06A211	6/28/2021	LEP (Nano)	2021	1/19/2022	Engine sei: T/EU	AF	8/31/2021	6007	11/20/2021	3

Broken Val T/FD	T/WQ	M8TD300	984	EF06A211:	6/29/2021	LEP (Nano)	2021	11/17/2021	Engine sei: T/EU	AF	7/29/2021	6007	8/20/2021	1
Broken Val T/FD	T/WQ	MX4GI002	3321	EF06A212	7/29/2021	LEP (Nano)	2021		Engine sei: T/EU	AF	8/27/2021		11/30/2021	
Broken Val T/FD	T/WQ	N/A	2089	EF06A212	7/29/2021	LEP (Nano)	2021	11/22/2021	Runs rougt T/EU	AF	9/16/2021	6006	10/18/2021	2
Broken Val T/FD	T/WQ	M8LD400	1020	EF06A210:	2/4/2021	LEP (Nano)	2021	10/4/2021	Engine sei: T/EU	AJ	4/17/2021	6007	7/12/2021	3
Broken Val T/FD	T/WQ	M73B200	1152	EF06A211:	5/13/2021	LEP (Nano)	2021	9/15/2021	Runs rougt T/EU	AF	6/22/2021	6006	7/16/2021	1
Broken Val T/FD	T/WQ	N/A	1041	EF06A211:	5/7/2021	LEP (Nano)	2021	10/4/2021	Engine sei: T/EU	AF	7/23/2021	6006	8/9/2021	1
Broken Val T/FD	T/WQ	N/A	1900	EF06A211:	7/13/2021	LEP (Nano)	2021	10/29/2021	Engine sei: T/EU	AF	8/13/2021	6006	9/17/2021	2
Broken Val T/FD	T/WQ	N/A	2100	EF06A211:	5/11/2021	LEP (Nano)	2021	11/1/2021	Engine noi: T/EU	AJ	7/29/2021	6006	9/20/2021	2
Broken Val T/FD	T/WQ	MQABJ04	990	EF06A211:	5/12/2021	LEP (Nano)	2021	11/19/2021	Engine sei: T/EU	AJ	8/20/2021	6006	11/9/2021	3
Broken Val T/FD	T/WQ	N/A	2919	EF06A210	1/15/2021	LEP (Nano)	2021	10/4/2021	Engine sei: T/EU	AF	4/15/2021	6006	6/28/2021	3
Broken Val T/FD	T/WQ	M8KDDQ00	1070	EF06A211:	5/13/2021	LEP (Nano)	2021	10/26/2021	Engine sei: T/EU	AF	7/12/2021	6006	8/5/2021	1
Broken Val T/FD	T/WQ	MXPE500	2110	EF06A211:	5/10/2021	LEP (Nano)	2021	12/9/2021	Engine sei: T/EU	AF	9/9/2021	6006	11/15/2021	3
Broken Val T/FD	T/WQ	N/A	1799	EF06A212	8/19/2021	LEP (Nano)	2021	12/6/2021	Engine sei: T/EU	AF	9/7/2021	6505	10/8/2021	2
Broken Val T/FD	T/WQ	N/A	8090	EF06A212	7/29/2021	LEP (Nano)	2021	1/10/2022	Engine sei: T/EU	AF	9/8/2021	6006	11/24/2021	3
Broken Val T/FD	T/WQ	N/A	3011	EF06A212	8/2/2021	LEP (Nano)	2021	11/23/2021	Engine sei: T/EU	AJ	8/27/2021	6006	9/27/2021	2
Broken Val T/FD	T/WQ	N/A	359	EF06A210:	4/7/2021	LEP (Nano)	2021	7/9/2021	Engine sei: T/EU	AF	5/28/2021	6006	6/4/2021	1
Broken Val T/FD	T/WQ	N/A	1497	EF06A211:	5/7/2021	LEP (Nano)	2021	9/16/2021	Engine sei: T/EU	AF	7/9/2021	6006	8/2/2021	1
Broken Val T/FD	T/WQ	M7BBY02	1428	EF06A211:	5/7/2021	LEP (Nano)	2021	9/27/2021	Engine sei: T/EU	AF	6/1/2021	6006	7/1/2021	2
Broken Val T/FD	T/WQ	N/A	2417	EF06A211:	5/10/2021	LEP (Nano)	2021	10/6/2021	Engine sei: T/EU	AF	7/12/2021	6006	8/23/2021	2
Broken Val T/FD	T/WQ	M9PEX00	3026	EF06A211:	6/24/2021	LEP (Nano)	2021	10/29/2021	Engine sei: T/EU	AF	8/20/2021	6006	9/16/2021	1
Broken Val T/FD	T/WQ	M9GE500	1457	EF06A211:	5/13/2021	LEP (Nano)	2021	12/29/2021	Engine noi: T/EU	AJ	8/2/2021	6006	9/16/2021	2
Broken Val T/FD	T/WQ	N/A	1471	EF06A210:	4/7/2021	LEP (Nano)	2021	8/13/2021	Engine sei: T/EU	AF	6/24/2021	6006	7/12/2021	1
Broken Val T/FD	T/WQ	MQSBP00	3006	EF06A211:	5/13/2021	LEP (Nano)	2021	11/30/2021	Engine sei: T/EU	AF	6/17/2021	6507	9/29/2021	4
Broken Val T/FD	T/WQ	N/A	2607	EF06A211:	5/7/2021	LEP (Nano)	2021	11/8/2021	Misfire, coc T/EU	AF	8/6/2021	6007	9/29/2021	2
Broken Val T/FD	T/WQ	M93EE00	1960	EF06A211:	6/11/2021	LEP (Nano)	2021		Engine sei: T/EU	AF	7/28/2021		9/29/2021	
Broken Val T/FD	T/WQ	N/A	1165	EF06A211:	6/11/2021	LEP (Nano)	2021	11/1/2021	Engine sei: T/EU	AF	7/17/2021	6505	10/15/2021	4
Broken Val T/FD	T/WQ	MXRB202	3105	EF06A211:	5/12/2021	LEP (Nano)	2021	1/13/2022	Engine sei: T/EU	AF	9/6/2021	6006	11/15/2021	3
Broken Val T/FD	T/WQ	N/A	4918	EF06A211:	5/11/2021	LEP (Nano)	2021	12/17/2021	Engine sei: T/EU	AF	8/4/2021	6006	9/25/2021	2
Broken Val T/FD	T/WQ	M9WEX0	779	EF06A212	8/10/2021	LEP (Nano)	2021	11/3/2021	Engine sei: T/EU	AF	8/30/2021	6006	9/22/2021	1
Broken Val T/FD	T/WQ	MZ3CF01	944	EF06A211:	5/10/2021	LEP (Nano)	2021	1/6/2022	Engine sei: T/EU	AJ	7/26/2021	6006	11/1/2021	4
Broken Val T/FD	T/WQ	N/A	4009	EF06A212	8/6/2021	LEP (Nano)	2021	11/12/2021	Engine sei: T/EU	AJ	8/30/2021	6507	10/20/2021	2
Broken Val T/FD	T/WQ	N/A	1203	EF06A203:	12/14/2020	LEP (Nano)	2021	4/13/2021	Knock noi: T/EU	AJ	1/27/2021	6200	2/13/2021	1
Broken Val T/FD	T/WQ	N/A	1500	EF06A210	1/14/2021	LEP (Nano)	2021	8/26/2021	Runs rougt T/EU	AJ	2/23/2021	6006	6/11/2021	4
Broken Val T/FD	T/WQ	N/A	945	EF06A211:	7/2/2021	LEP (Nano)	2021	1/4/2022	Knock noi: T/EU	AJ	9/20/2021	6006	10/22/2021	2
Broken Val T/FD	T/WQ	MXDDE00	1469	EF06A212	8/5/2021	LEP (Nano)	2021		Engine sei: T/EU	AJ	10/16/2021		11/4/2021	
Broken Val T/FD	T/WQ	MQGE500	1956	EF06A203	12/17/2020	LEP (Nano)	2021	1/18/2022	Misfire, coc T/EU	AJ	5/14/2021	6006	10/5/2021	5
Broken Val T/FD	T/WQ	MQGE500	1956	EF06A203:	12/17/2020	LEP (Nano)	2021		Misfire, coc T/EU	AJ	5/14/2021		10/7/2021	
Broken Val T/FD	T/WQ	N/A	2381	EF06A211:	5/7/2021	LEP (Nano)	2021	11/17/2021	Engine sei: T/EU	AJ	7/30/2021	6006	9/9/2021	2
Broken Val T/FD	T/WQ	N/A	410	EF06A211:	5/10/2021	LEP (Nano)	2021	11/1/2021	Engine sei: T/EU	AJ	9/27/2021	6006	10/8/2021	1
Broken Val T/FD	T/WQ	MQTB200	1770	EF06A211:	7/2/2021	LEP (Nano)	2021	11/25/2021	Engine sei: T/EU	AJ	9/21/2021	6006	10/4/2021	1
Broken Val T/FD	T/WQ	M3SBP00	2080	EF06A210	1/7/2021	LEP (Nano)	2021	5/5/2021	Engine locl T/EU	AF	2/1/2021	6006	3/17/2021	2
Broken Val T/FD	T/WQ	N/A	3038	EF06A212	7/26/2021	LEP (Nano)	2021	12/30/2021	Engine sei: T/EU	AJ	9/24/2021	6006	12/14/2021	3
Broken Val T/FD	T/WQ	MXPE500	987	EF06A212	8/2/2021	LEP (Nano)	2021		Engine sei: T/EU	AJ	9/16/2021		11/16/2021	

Claim Key	Region	Cor	Tech	Com	Tech	Com	Customer (Country)	Sc	FileName2	Vehicle Lin	Vehicle Lin	Engine Des	Engine Glc	Engine Glc	Transmissi	Transmissi	Transmission Type
248310	NA		verified ver	catastroph	DRIVABIL	USA				C/TU	U611A AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
591202	NA		EEC TEST ON	ALSO CUSTOME	USA					C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
395050	NA		ESSAYER MAIS	BATCLIENT	MICAN					C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
725203	CN		1.该车为救援拖车回店	启动不着	CHN					C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
859701	CN		电脑检测有一些模块电	车行驶中	CHN					C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1965439	NA		LTIS-verific	coolant ca	ENGINE M	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
680062	NA		car overhe	stem to 21	ENGINE M	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1660381	IM		Concern ve	ue to crank	Engine not	ARE				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1059091	NA		VERIFIED	CONTROL D21	CUST	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1663132	NA		VERIFY C	ING PAN /C/S	ENGIN	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1889143	NA		CAUSAL 6	DING UP-	CUSTOME	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2244050	NA		VERIFIED	UND NO D	CUSTOME	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1906688	NA		TOWED IN	CTED GO	C31	CLICK	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2143177	NA		VERIFIED	RELATE V	C/S	WILL	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2204718	NA		VEHICLE	(STICS	BE	CUSTOME	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1770424	NA		VERIFIED	ED VALVE	VEHICLE	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1969812	NA		verify conc	conv nuts	check veh	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1419915	NA		TECH 211	ANK NOIS	TOWED IN	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1596363	IM		Check the	. C14: NO.	The parkin	KOR				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1761165	NA		SUITE AU	moteur et r	VERIFIER	CAN				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1806924	IM		VERIFIED	TO ROTA1	CAN NOT	KOR				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2201308	NA		NO START	EN CONNI	ENGINE IN	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2156438	NA		VERIFY A	IUT OF TIM	C/S	VEHIC	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2202119	NA		VERIFIED	CTION. FC	ELECTRIC	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1816351	NA		PUT VEH	ENGINE C	CHECK EN	CAN				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1681245	NA		VERIFIED	NT AND S	CUSTOME	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2268480	NA		VERIFIED	ICLE IN	NA	AUTO TOV	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2059338	IM		check nee	lly rotating	need to res	KOR				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1595840	NA		VERIFY C	NTACTED	CUSTOME	USA				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1864620	IM		Concern ve	Tried to ro	Engine rurr	ARE				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2145617	IM		VERIFIED	BLE AND I	ENGINE IS	KOR				C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
2244033	NA		CONFIRM	SED	INSF	CUSTOME	USA			C/TV	U611N AV	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
334055	NA		VERIFIED	L FLUID LI	CUST STA	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
903751	NA		VERIFIED	LE IN PIS	INO START	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1040245	NA		TECH 165	D AND W	C/S	THE V	USA			C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
854735	NA		TECH 754	RNATY B	A	CUST STA	USA			C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
934263	NA		CHECK VE	P0305 P	CUSTOME	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
748497	NA		verify conc	and new i	C/S ENGIN	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1016264	NA		VERIFIED	OISE CK	VEH DIED	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
1642856	NA		(16) Verify	ps. As per	Vehicle tow	CAN				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
953358	NA		PERFORM	RK PLUG	ADD ON R	USA				C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A
968031	NA		VERIFIED	WITHIN	SI	CUSTOME	USA			C/TW	U625N EX	3.0L GTDI	E2277	NANO GA	C/ET	10 SPD	AL A

1177875 NA	CONFIRM USED BO CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1330380 NA	13.8 mtimε bad knocki Electrical - USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2498180 NA	VERIFIED OUGH THl c/s that the USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1827462 NA	RAN EEC MOVED ` CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2038431 NA	P0304 P0 D SUB FR. CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1946213 NA	Verify Eng rank still w D02 CUST USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1663574 NA	VERIFIED NE CONDI VEHICLE ` USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2220132 NA	INTERNAL EAD. SEN CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1505751 NA	VERIFIED STED THE CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1556016 NA	Engine will . Engine su customer s USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1047577 NA	CAR CRAI VER AND GASOLINE USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1664603 NA	verfied car that the er Electrical - USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1728654 NA	VERIFIED ASSEMBL DRIVING / USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2333842 NA	VERIFIED INTAKE M CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1384379 NA	VERIFIED PRESSIO TOW IN... USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1909411 NA	VERIFIED . PERFOR CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1965620 NA	FUEL SAN CYLINDEF CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1102130 NA	basic 6006 ire engine ENGINE D USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1983084 NA	M-TIME 1ε PE FOUNI EXPLORE USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1663146 NA	CC 42 BAε E AND BR E29 "CHE USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2335499 NA	CASUAL F OPE D CYI CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2224037 NA	HOLDING & THEN IT C/S: WHE USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1476442 NA	AFTER IN: E THE ENI WONT ST. USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1413099 NA	VERIFIED WITH BOF DRIVEABI CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1774210 NA	NO START D OIL DRA CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1316981 NA	CUSTOME LINDER 4 CUST STA USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2132405 NA	Cause: ver d position r VEHICLE I USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1972937 NA	Engine Dai e Conditi or CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1701594 NA	VERIFIER T LEVER I VERIFIER CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2079025 IM	Verify custri ning (stuck CHECK EI SAU	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1980937 NA	REMOVED E AND AF CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1864874 NA	TEST BAT ING OVERC/S: AT RI USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1703669 NA	engine kno parts - refill OTHER EI CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1565090 NA	Confirmed fferent. Mar customer s CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1635873 NA	tested and low time in MR DIAG i CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1945790 NA	TECH CHE R BY HAN CUST STA USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1555773 NA	verified enç and lockec DRIVEABI USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1828626 NA	VERIFY C MAL. REL/ CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2220595 NA	PPT HD1 ` SHORT TI C/S HEAR USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1830304 NA	CHECK OI RING. CHE DRIVEABI USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1807098 NA	check caus hg10 put CHECK C/ CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1816507 NA	UNIT DOWN I 6. REMO ENGINE M CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1865262 NA	TECH INS HAVE JUN CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1607772 NA	VERIFIED RELATIVE CHECK EI CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
440544 NA	VERIFIED MPRESSIK.C.S VEHIC USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
768741 NA	catastrophies not cran DIAG Cust USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A

1148095 NA	verified customer tried turning Customer USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1747716 NA	VEHICLE TIER. REMC TOWED T CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1972566 NA	VERIFIED ON CYLIN CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2334468 NA	VERIFIED EX FOU TOWED IN USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2231788 NA	ENGINE V not start. ENGINE W CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1728734 NA	VERIFY CYLINDER N/CHECK AN USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1739577 NA	coolant leaking out of t engine diec USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1114874 NA	CONFIRM AMAGED CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2043306 NA	RAN OASIOST CAP C/S WHIL USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2333735 NA	PART#600 SYSTEM CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2245782 NA	Verified customer as locked. MAINTEN USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1630863 NA	VERIFIED METAL IN CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1375491 NA	CONFIRM r nouveau r VEHICULE CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1845010 NA	VERIFY EIT TO TURN VEHICLE I CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1057831 NA	NO CRANI SERVICE ADVISE T USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2347191 NA	INTAKE V nd that eng CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1533644 NA	checked fo tive compr MIL lamp c CAN	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1903617 IM	VERIFIED EN AND D ENGINE W KOR	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1865684 NA	Vehicle un: metal in oil Customer USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2346882 NA	REMOVED BROKEI C/S VEHIC USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1659986 IM	Check the er solenoid While drivii KOR	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
		C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2021465 NA	VERIFY-TI PISTON C/C/S VEHIC USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1827695 NA	VERIFIED MANUALL CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
1740606 NA	UNABLE T RMED NOI CUSTOME USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
2343765 NA	AFTER R/I DER LEAK WARRAN USA	C/TW	U625N EX 3.0L GTDI E2277	NANO GA: C/ET	10 SPD AL A
		C/D9	U540N MK 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1595008 NA	VERIFIED PER BRO TOW IN - USA	C/D9	U540N MK 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1315517 NA	INSPECTE AND INSP CUSTOME USA	C/D9	U540N MK 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1844555 NA	confirmed it. removed Customer USA	C/D9	U540N MK 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1516269 NA	TECH INS 2 OVER-F CUSTOME USA	C/D9	U540N MK 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
		C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
2321307 NA	VERIFIED D FOUND CUSTOME USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
		C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1593778 NA	TECH DIA WAPPED CUSTOME USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
496232 NA	CONFIRM INK WAS EOWNER R USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
2212991 NA	CYLINDEF ND THAT VEHICLE USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
2076975 NA	JAI VERIF 9 PRESEN MOTEUR CAN	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
2331472 NA	attempt to plug and fo CUSTOME USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1056328 NA	VERIFY N/C CONVERT C/S VEHIC USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1736875 NA	VERIFY C. REMOVE CUSTOME USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
2307911 NA	VERIFIED TICALLY A CHECK EN CAN	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
		C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1484345 NA	VER CUSIOIST AND CUSTOME USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1750287 NA	CHECKED ER PASS NO START USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
1794918 NA	VERIFY EIEST FOR ITOWED IN USA	C/DQ	CD539N E 2.7L DOHC E2277	NANO GA: C/FY	8 SPD AU A
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2194014 NA	engine crat damaged ELECTRIC USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60

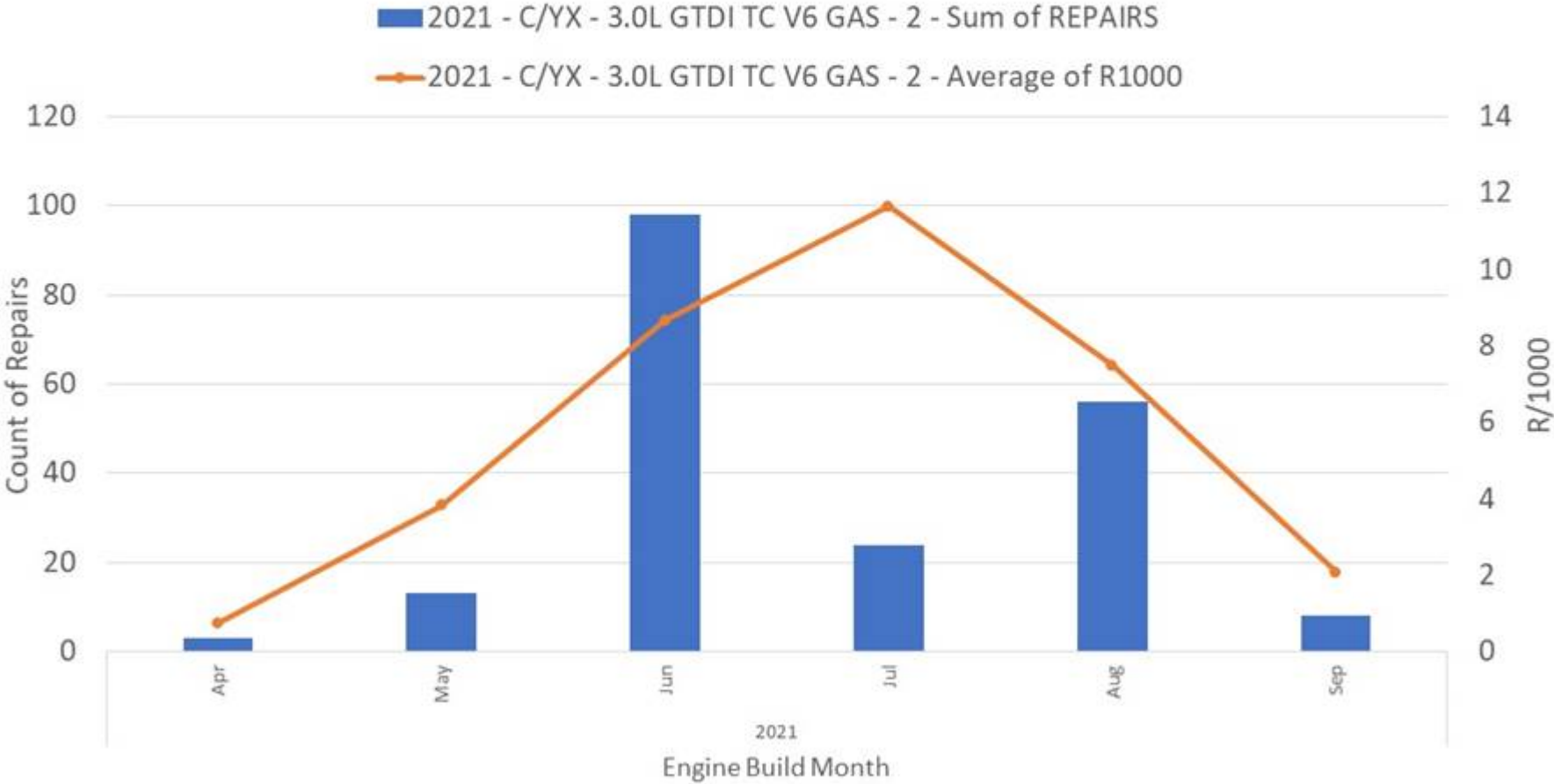
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1093139 NA	INSPECT . . FOUND STOWED IN USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2232223 NA	REMOVE . . AND PART CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1545948 NA	VEHICLE . . CABLE N CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1875302 NA	CHECK C ELSE OK. VEHICLE \ CAN	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1797850 NA	VERIFIED S WITH B\CHECK PC USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1810172 NA	1578 CYLI CLICK RA CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2235167 NA	4411 MT F CYL 5 VAL VERIFIER CAN	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1343067 NA	SCANNED SHED OU CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1865058 NA	VERIFIED #3 MISSIN C/S THAT USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2158256 NA	VERIFIED NG BORO DRIVEABI USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2049249 NA	CAME IN \ TURN. RECUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1093043 NA	eec test p0 causing c/c/s that wh USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1726948 NA	***2292*** L FULL OF PLEASE II CAN	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1674114 NA	VERIFIED I CED ENGI CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1963746 NA	CHECK FC ARE 0% LI TOW IN-E CAN	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1865702 NA	VERIFIED HAS EXTICUST STA USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1958052 NA	Verified cor compressi DIAG CUS USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2224056 NA	VERIFIED NECESS. customer s USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
		T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1370268 NA	VERIFIED S ENGINE CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1535645 NA	VERIFIED LL CHECK ADDED LII USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1934013 NA	VERIFIED FOUND N C TOWED IN USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1619706 NA	VERIFIED WED SYM CUST STS USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
2031450 NA	Verified cu: GAS bottle CUSTOME USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1920356 NA	CUSTOME NO RELAT ENGINE H USA	T/G1	U725N BR 2.7L DOHC E2277	NANO GA: T/ET	10 SPD AUTO TRANSMISSION-10R60
1429452 NA	LOW COM OUGH EXI C/S ENGIN USA	T/FC	P552N F-1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1953506 NA	VERIFIED ROSS WR CUSTOME USA	T/FC	P552N F-1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1979793 NA	VERIFY C KAM RESI CUSTOME USA	T/FC	P552N F-1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2003621 NA	VERIFY C ITION REM DIAGNOSI USA	T/FC	P552N F-1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2016010 NA	PERFORM VED CAB i customer s USA	T/FC	P552N F-1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1928556 NA	6513 CC 4 VED SPAF CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1971040 NA	D4/6108 V RANKING. CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
585217 NA	VERIFIED N THE CR ENGINE C USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2204203 WD	VERIFIED L PSI TES C/I NO ST. PRI	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
		T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1856730 NA	9725 - VEF ITH FUEL : Vehicle tc USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
		T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1845381 NA	IDS SYSTI ED ENGIN CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1673823 NA	REPLACE had 150ps PERFORM USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1933388 NA	INSPECT . . REMOVE CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1343288 NA	VERIFY C 8-YES 12. CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1316466 NA	CP-6006 (MEDIATEL CUSTOME USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
		T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1213096 NA	ENGINE F ried to turn ENGINE (C USA	T/FD	P702N F1 2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A

1345994 NA	42 6507 \ AND STAI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1865657 NA	INSPECT I PARK PLL GAS ENGI USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1559282 NA	NOTED T F VEHICLE CS WHILE USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1630157 NA	WF94 FAC ND HAS V CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1809131 NA	VERIFIED N FOR IN£ crank no st USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1675302 NA	VERIFY C O REMOV CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1546278 NA	EEC TEST HE CYLINI C/S CHEC USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2333823 NA	VERIFY C FOUND V C/S VEH £ USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1970496 NA	ENG ASY A CRANK CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2078017 NA	LOW TIME AND A NECS TRUCK USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1702727 NA	REMOVE ILE ENGI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1827972 NA	RAN EEC IDE CYLIN TRUCK T USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1458989 NA	PERFORM REFILL FL DIAGNOSI USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1674648 NA	CK CONCI TEST ANI C-S HAVIN USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1846107 NA	Tech 27 V charged a WEAK OR USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2065163 NA	VERIFIED VEHICLE (CHECK FC CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1578721 NA	SUBMIT F CK HEATEAS PER D CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2248995 NA	upon vehic and was le: Customer t USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2222813 NA	ATTEMPT ED SINCE CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1794248 NA	verified che ed P06E9: CHECK EI CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1866724 NA	EEC TEST S A4-YES ;CHECK N CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1557579 NA	VERIFIED CUSTOMI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1082410 NA	CHECKED FOUND PI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2059941 NA	VEHICLE I 304 P030(CUST JUS USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1498211 NA	INTERNAL IVE BELT C/S WAS I USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1418606 NA	TECH VEF Y B8-Y. F CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1919850 NA	verified cus e will not tl CUSTYOM USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1873433 NA	Customer £ med gsm r Customer £ CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2044625 NA	VERIFIED NSPECT TD02 C/S T I USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1010570 NA	Vehicle wil Vehicle wi C STATES CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1827068 NA	CHECK OI THE CYLI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1867156 NA	INTAKE V, OVE ENGI CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1946388 NA	VERIFIED INTAKE M VEHICLE (USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2061521 NA	VERIFIED MOVED BI 17-DRIVE/ CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1794578 NA	CHECK AI PONENTS EXTREME CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1213905 NA	CHARGE£ OUND ME CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2168875 NA	VERIFIED P0607 -00 CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1714550 NA	VERIFEID OT. REMC OWNER S USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1981871 NA	(TECH 68£ TEMPT TC CHECK FC CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1495633 NA	OIL IN ENI TO CYLINI TRUCK ST USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1905537 NA	CONFIRMI MED REL£ CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2220567 NA	FAIS TES` rieur. essay DIAGNOS` CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1155773 NA	CONFIRMI HAT MAT C/S: ENGI USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1718373 NA	VERIFIED MISFIRE. (CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1842431 NA	VERIFED I WITH BOF CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2335457 NA	COMPLAI£ ENGINE F C/S VEHIC USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A

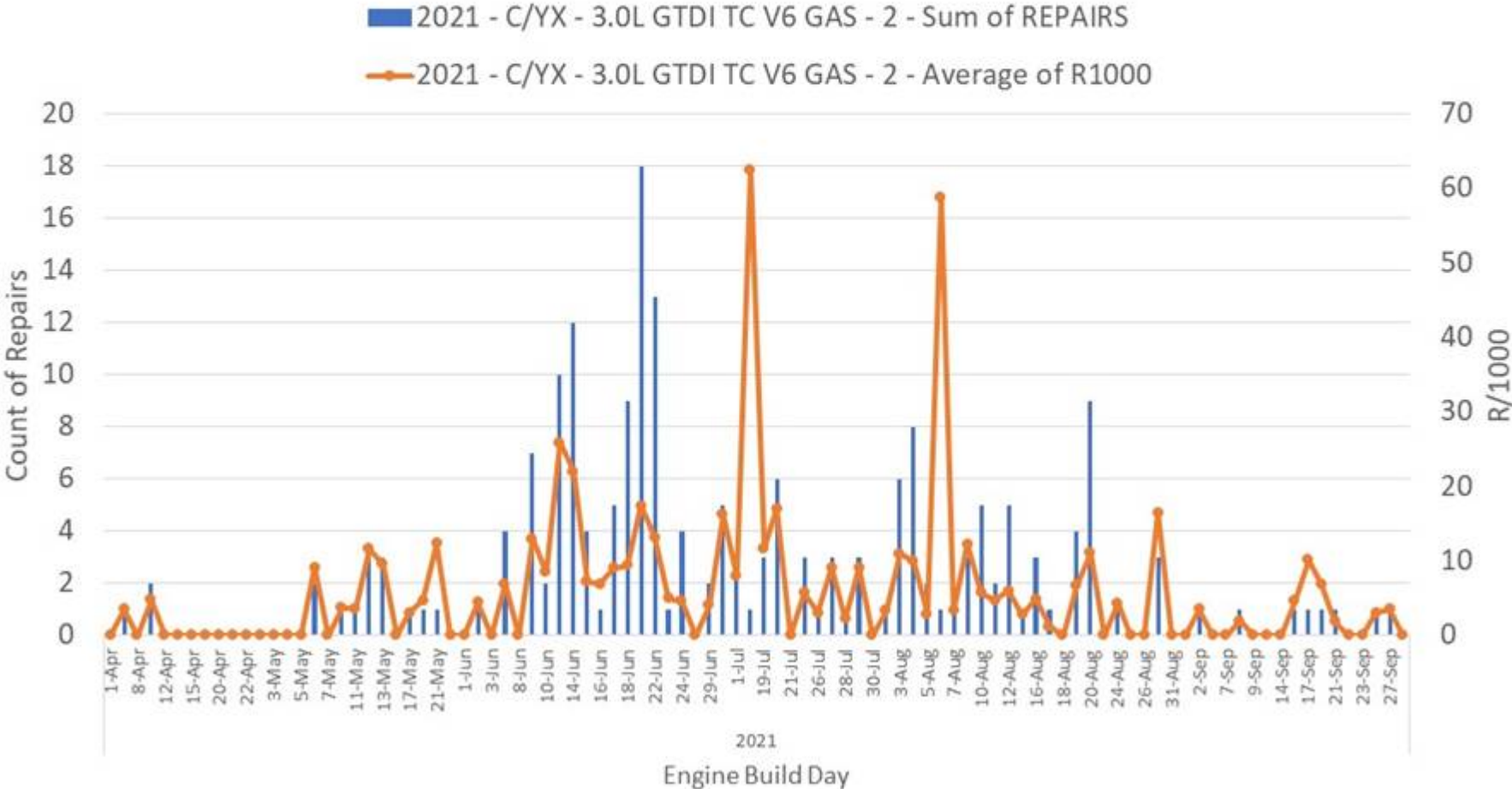
1797098 NA	went to cra wn found 3 ENGINE N CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1827732 NA	VERIFY C FOUND C CK ENGIN USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1418574 NA	eec test co er now clici CUST STA USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1278268 NA	DW ON FC CAM SET VERIFIED CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1415902 NA	TECH 411: FOUND LE Customer : USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1644407 NA	VEHICLE \ ENGINE h can smell c USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1665993 NA	MAY BE IV EXHAUST CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1818467 NA	verify custc no di2 no c MINOR EN USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1417796 NA	3298 VERIEO TEST. CUSTMOE USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1607272 NA	(TECH 68£ FAULT) + CHECK FCCAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1986353 NA	ROAD TE£ P0303. P0: VEHICLE : USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1945587 NA	VERIFY N VER BY H. VEHICLE \ USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2246083 NA	VERIFIED USED A B CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1845191 NA	VERIFIED TO FSAC , CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
891972 NA	VERIFIED N TACT W FOUND Af USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1287257 NA	TOWED I R K PLUG£ TOWED IN CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1352752 NA	VERIFY. F 0 PSI. PEF WHITE SM USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1442348 NA	Inspected. re scope. L Customer : USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1647410 NA	PERFORM 6 0PSI PLI CUST STA USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2153889 NA	CAME IN \ QUARTEF CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1084197 NA	Diag for a f er perform£ ELECTRIC CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1910189 NA	2.7L GTDI Y. REMOV AFTER ST USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1720572 NA	VERIFIED ALVE. REI CHECK AN CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1662463 NA	verified. ch ab. remove WHEN TR USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2279846 NA	VERIFIED RELATIVE C/S WHIL USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2062320 NA	#6 intake v ttery dead j DIAGNOSI USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1684736 NA	MIL ON P£ SP #4 INT. CHECK EN USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2224852 NA	see note br ter then thi: ADVISE O USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1759943 NA	VERIFIED CYLS. (U£ CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
453300 NA	TIME TO C NOSE BY CUSTOME USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1157235 NA	Checked ei e oil is over CONTINU USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2204010 NA	VERIFIED ING ROD ^ LOW OIL I USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2322776 NA	engine is rt removal se SES LIGH USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1794247 NA	CAUSAUL 7E1 1.4 PF FORD RO/ CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1663453 NA	CK CONCI REPLACE! OWNER S USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
1864240 NA	NO STAR ON. INSPE TRUCK DI USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
557424 NA	CHECK C£ RANKS FL VEHICLE I USA	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A
2166832 NA	Diag for tru vehicle int. DRIVEABI CAN	T/FD	P702N F1£2.7L DOHC E2277	NANO GA: T/EU	10 SPD AL A

From: Hewlett, Matt (M.S.)
Sent: Wednesday, February 23, 2022 10:00 AM
To: Lyons, Marcus (M.I.)
Subject: Valve Warranty
Attachments: Broken Valve r1000 cpu 21MY (Jan 18 2022 data pull).xlsx

Nano 3.0L LB5E Engine Exchanges at 2 MIS (Broken Valve Spike)

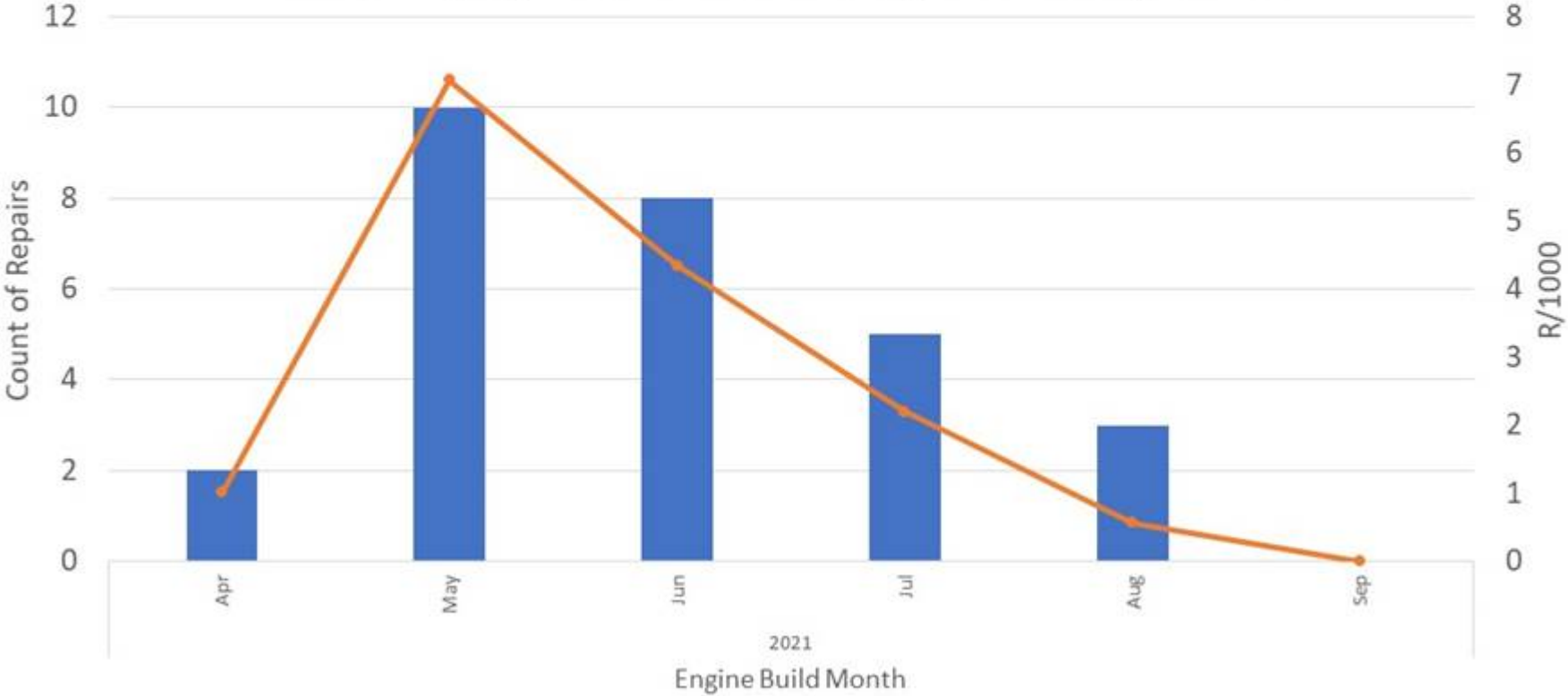


Nano 3.0L LB5E Engine Exchanges at 2 MIS (Broken Valve Spike)

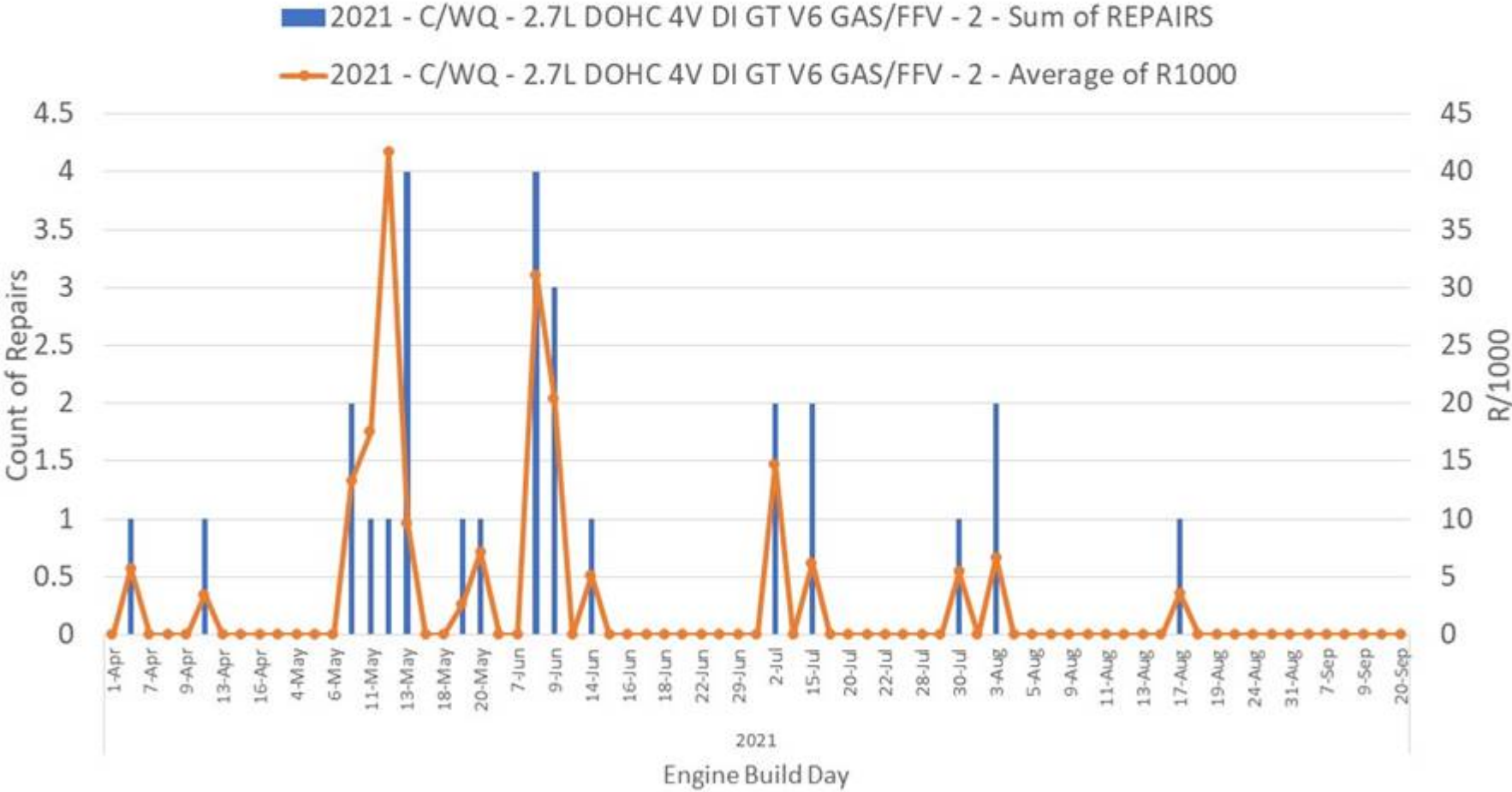


Nano 2.7L KG-502 Engine Exchanges at 2 MIS (Broken Valve Spike)

- 2021 - C/WQ - 2.7L DOHC 4V DI GT V6 GAS/FFV - 2 - Sum of REPAIRS
- 2021 - C/WQ - 2.7L DOHC 4V DI GT V6 GAS/FFV - 2 - Average of R1000

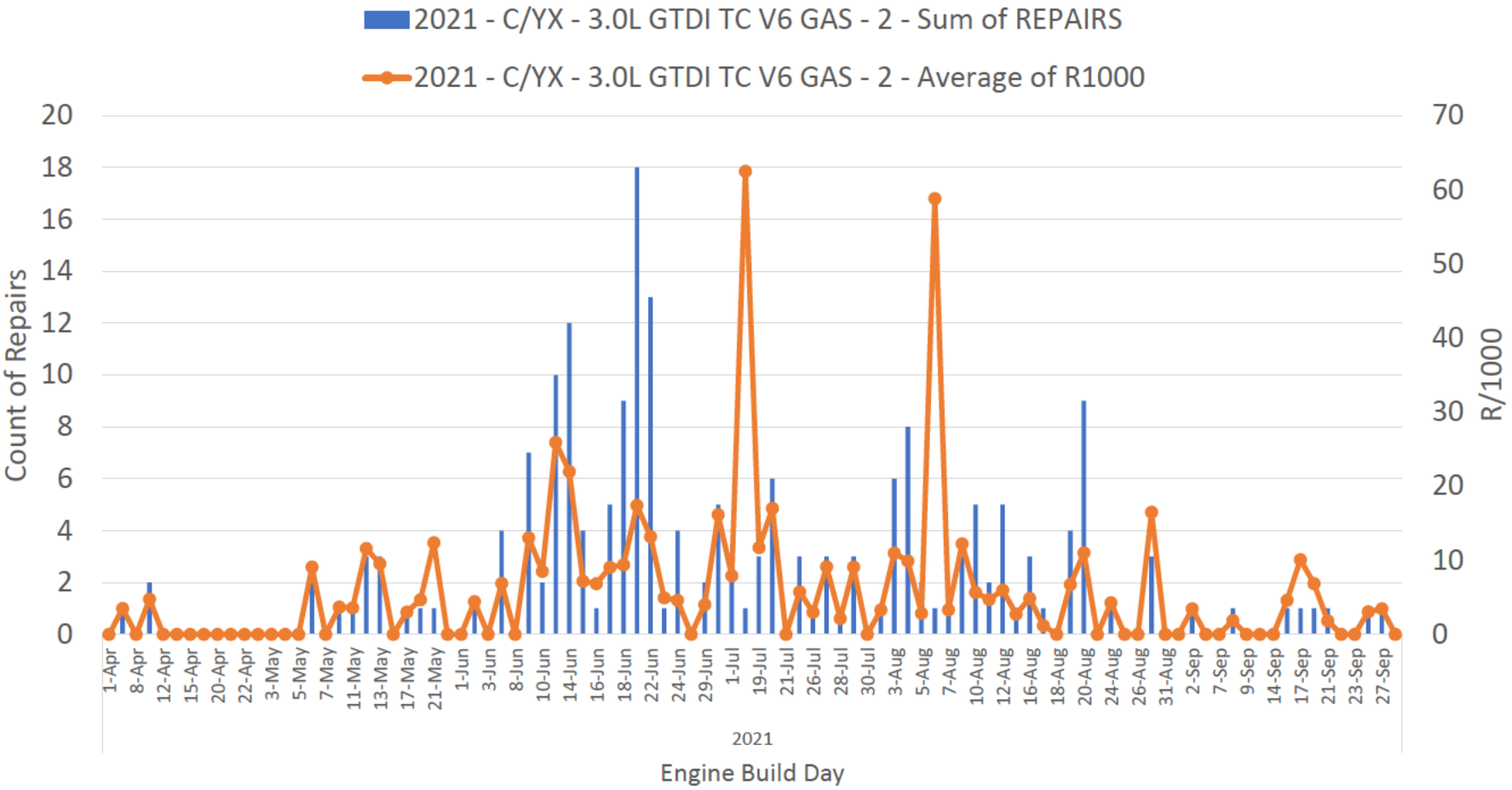


Nano 2.7L KG-502 Engine Exchanges at 2 MIS (Broken Valve Spike)



Matt Hewlett
LEP Resident Engineer
Desk: 419-226-7349
Cell: 313-805-1069

Nano 3.0L LB5E Engine Exchanges at 2 MIS (Broken Valve Spike)



PROD_MONTH (blank)

Column Labels		2021		2021		2021		2021	
C/YX - 3.0L GTDI TC V6 GAS		C/YX - 3.0L GTDI TC V6 GAS Sum of REPAIRS		C/YX - 3.0L GTDI TC V6 GAS Average of R1000		2021 Sum of REPAIRS		2021 Average of R1000	
Row Labels	Sum of REPAIRS	Average of R1000	202	Average of R1000	202	Sum of REPAIRS	Average of R1000	Total Sum of REPAIRS	Total Average of R1000
2021	202	5.912395833	202	5.912395833	202	5.912395833	202	5.912395833	202
1-Apr	0	0	0	0	0	0	0	0	0
6-Apr	1	3.51	1	3.51	1	3.51	1	3.51	3.51
8-Apr	0	0	0	0	0	0	0	0	0
9-Apr	2	4.73	2	4.73	2	4.73	2	4.73	4.73
12-Apr	0	0	0	0	0	0	0	0	0
13-Apr	0	0	0	0	0	0	0	0	0
15-Apr	0	0	0	0	0	0	0	0	0
19-Apr	0	0	0	0	0	0	0	0	0
20-Apr	0	0	0	0	0	0	0	0	0
21-Apr	0	0	0	0	0	0	0	0	0
22-Apr	0	0	0	0	0	0	0	0	0
2-May	0	0	0	0	0	0	0	0	0
3-May	0	0	0	0	0	0	0	0	0
4-May	0	0	0	0	0	0	0	0	0
5-May	0	0	0	0	0	0	0	0	0
6-May	2	9.09	2	9.09	2	9.09	2	9.09	9.09
7-May	0	0	0	0	0	0	0	0	0
10-May	1	3.68	1	3.68	1	3.68	1	3.68	3.68
11-May	1	3.56	1	3.56	1	3.56	1	3.56	3.56
12-May	3	11.58	3	11.58	3	11.58	3	11.58	11.58
13-May	3	9.54	3	9.54	3	9.54	3	9.54	9.54
14-May	0	0	0	0	0	0	0	0	0
17-May	1	3.02	1	3.02	1	3.02	1	3.02	3.02
20-May	1	4.67	1	4.67	1	4.67	1	4.67	4.67
21-May	1	12.35	1	12.35	1	12.35	1	12.35	12.35
22-May	0	0	0	0	0	0	0	0	0
1-Jun	0	0	0	0	0	0	0	0	0
2-Jun	1	4.41	1	4.41	1	4.41	1	4.41	4.41
3-Jun	0	0	0	0	0	0	0	0	0
7-Jun	4	6.87	4	6.87	4	6.87	4	6.87	6.87
8-Jun	0	0	0	0	0	0	0	0	0
9-Jun	7	13.01	7	13.01	7	13.01	7	13.01	13.01
10-Jun	2	8.49	2	8.49	2	8.49	2	8.49	8.49
11-Jun	10	25.9	10	25.9	10	25.9	10	25.9	25.9
14-Jun	12	21.98	12	21.98	12	21.98	12	21.98	21.98
15-Jun	4	7.18	4	7.18	4	7.18	4	7.18	7.18
16-Jun	1	6.85	1	6.85	1	6.85	1	6.85	6.85
17-Jun	5	9.04	5	9.04	5	9.04	5	9.04	9.04
18-Jun	9	9.38	9	9.38	9	9.38	9	9.38	9.38
21-Jun	18	17.39	18	17.39	18	17.39	18	17.39	17.39
22-Jun	13	13.19	13	13.19	13	13.19	13	13.19	13.19
23-Jun	1	4.95	1	4.95	1	4.95	1	4.95	4.95
24-Jun	4	4.6	4	4.6	4	4.6	4	4.6	4.6
28-Jun	0	0	0	0	0	0	0	0	0
29-Jun	2	4.03	2	4.03	2	4.03	2	4.03	4.03
30-Jun	5	16.15	5	16.15	5	16.15	5	16.15	16.15
1-Jul	3	7.93	3	7.93	3	7.93	3	7.93	7.93
2-Jul	1	62.5	1	62.5	1	62.5	1	62.5	62.5
19-Jul	3	11.7	3	11.7	3	11.7	3	11.7	11.7
20-Jul	6	16.99	6	16.99	6	16.99	6	16.99	16.99
21-Jul	0	0	0	0	0	0	0	0	0
22-Jul	3	5.73	3	5.73	3	5.73	3	5.73	5.73
26-Jul	1	3	1	3	1	3	1	3	3
27-Jul	3	9.13	3	9.13	3	9.13	3	9.13	9.13
28-Jul	1	2.15	1	2.15	1	2.15	1	2.15	2.15
29-Jul	3	9.09	3	9.09	3	9.09	3	9.09	9.09
30-Jul	0	0	0	0	0	0	0	0	0
2-Aug	1	3.33	1	3.33	1	3.33	1	3.33	3.33
3-Aug	6	10.97	6	10.97	6	10.97	6	10.97	10.97
4-Aug	8	9.9	8	9.9	8	9.9	8	9.9	9.9
5-Aug	2	2.82	2	2.82	2	2.82	2	2.82	2.82
6-Aug	1	58.82	1	58.82	1	58.82	1	58.82	58.82
7-Aug	1	3.33	1	3.33	1	3.33	1	3.33	3.33
9-Aug	3	12.22	3	12.22	3	12.22	3	12.22	12.22
10-Aug	5	5.65	5	5.65	5	5.65	5	5.65	5.65
11-Aug	2	4.71	2	4.71	2	4.71	2	4.71	4.71
12-Aug	5	5.96	5	5.96	5	5.96	5	5.96	5.96
13-Aug	1	2.72	1	2.72	1	2.72	1	2.72	2.72
16-Aug	3	4.86	3	4.86	3	4.86	3	4.86	4.86
17-Aug	1	1.18	1	1.18	1	1.18	1	1.18	1.18
18-Aug	0	0	0	0	0	0	0	0	0
19-Aug	4	6.73	4	6.73	4	6.73	4	6.73	6.73
20-Aug	9	11.01	9	11.01	9	11.01	9	11.01	11.01
23-Aug	0	0	0	0	0	0	0	0	0
24-Aug	1	4.27	1	4.27	1	4.27	1	4.27	4.27
25-Aug	0	0	0	0	0	0	0	0	0
26-Aug	0	0	0	0	0	0	0	0	0
30-Aug	3	16.48	3	16.48	3	16.48	3	16.48	16.48
31-Aug	0	0	0	0	0	0	0	0	0
1-Sep	0	0	0	0	0	0	0	0	0
2-Sep	1	3.47	1	3.47	1	3.47	1	3.47	3.47
3-Sep	0	0	0	0	0	0	0	0	0
7-Sep	0	0	0	0	0	0	0	0	0
8-Sep	1	1.88	1	1.88	1	1.88	1	1.88	1.88
9-Sep	0	0	0	0	0	0	0	0	0
10-Sep	0	0	0	0	0	0	0	0	0
14-Sep	0	0	0	0	0	0	0	0	0
15-Sep	1	4.61	1	4.61	1	4.61	1	4.61	4.61
17-Sep	1	10.1	1	10.1	1	10.1	1	10.1	10.1
20-Sep	1	6.85	1	6.85	1	6.85	1	6.85	6.85
21-Sep	1	1.83	1	1.83	1	1.83	1	1.83	1.83
22-Sep	0	0	0	0	0	0	0	0	0
23-Sep	0	0	0	0	0	0	0	0	0
24-Sep	1	3.06	1	3.06	1	3.06	1	3.06	3.06
27-Sep	1	3.46	1	3.46	1	3.46	1	3.46	3.46
29-Sep	0	0	0	0	0	0	0	0	0
Grand Total	202	5.912395833	202	5.912395833	202	5.912395833	202	5.912395833	202