

Acceleration Simulator Results Computing...

ZT	ET	MPH	Feet	RPM	Gear	G	Rear%	MF	Note(s)
0.26	0.01	4.29	0.8	1500	1	0.752	75.3	1.009	*rollout* *slipping clutch*
0.50	0.25	8.25	3.1	1500	1	0.752	75.2	1.009	*slipping clutch*
0.53	0.28	8.74	3.5	1523	1	0.752	75.2	1.009	*slipping clutch end*
0.75	0.50	10.93	6.6	1905	1	0.506	71.9	1.099	
1.00	0.75	14.13	11.2	2462	1	0.668	74.1	1.099	
1.25	1.00	18.22	17.2	3176	1	0.801	75.9	1.099	
1.50	1.25	22.84	24.7	3981	1	0.893	77.2	1.099	
1.75	1.50	27.86	34.0	4854	1	0.940	77.8	1.099	
2.00	1.75	32.94	45.2	5740	1	0.893	77.2	1.099	
2.25	2.00	37.52	58.2	6538	1	0.765	75.4	1.099	
2.29	2.04	38.18	60.4	6653	1	0.748	75.2	1.099	*60 ft*
2.32	2.07	38.50	62.1	6710	shift	-0.030	64.6	1.009	*shift point*
2.43	2.18	38.55	68.3	3972	2	0.542	72.4	1.040	
2.50	2.25	39.39	72.3	4059	2	0.546	72.4	1.040	
2.75	2.50	42.39	87.4	4368	2	0.549	72.5	1.040	
3.00	2.75	45.42	103.5	4680	2	0.558	72.6	1.040	
3.25	3.00	48.53	120.7	5000	2	0.573	72.8	1.040	
3.50	3.25	51.62	139.1	5318	2	0.555	72.6	1.040	
3.75	3.50	54.61	158.6	5626	2	0.535	72.3	1.040	
4.00	3.75	57.49	179.2	5923	2	0.517	72.0	1.040	
4.23	3.98	60.03	199.0	6185	2	0.488	71.7	1.040	*60 MPH*
4.25	4.00	60.24	200.8	6207	2	0.485	71.6	1.040	
4.50	4.25	62.80	223.4	6471	2	0.450	71.1	1.040	
4.75	4.50	65.09	246.9	6707	shift	-0.055	64.3	1.009	*shift point*
4.86	4.61	65.04	257.4	4583	3	0.355	69.8	1.024	
5.00	4.75	66.14	270.8	4660	3	0.356	69.9	1.024	
5.25	5.00	68.10	295.5	4798	3	0.359	69.9	1.024	
5.50	5.25	70.08	320.8	4937	3	0.362	69.9	1.024	
5.59	5.34	70.79	330.1	4988	3	0.363	69.9	1.024	*330 ft*
5.75	5.50	72.06	346.9	5077	3	0.359	69.9	1.024	
6.00	5.75	74.01	373.7	5214	3	0.352	69.8	1.024	
6.25	6.00	75.92	401.2	5349	3	0.344	69.7	1.024	
6.50	6.25	77.78	429.4	5480	3	0.337	69.6	1.024	
6.75	6.50	79.61	458.2	5609	3	0.330	69.5	1.024	
7.00	6.75	81.40	487.8	5735	3	0.322	69.4	1.024	
7.25	7.00	83.15	517.9	5858	3	0.315	69.3	1.024	
7.50	7.25	84.85	548.8	5979	3	0.308	69.2	1.024	

7.75	7.50	86.52	580.2	6096	3	0.297	69.1	1.024	
7.86	7.61	87.23	594.2	6146	3	0.292	69.0	1.024	*1/8 mi (1)*
8.00	7.75	88.11	612.2	6208	3	0.285	68.9	1.024	
8.25	8.00	89.64	644.8	6316	3	0.273	68.7	1.024	
8.37	8.12	90.35	660.7	6366	3	0.268	68.7	1.024	*1/8 mi (2)*
8.50	8.25	91.11	678.0	6419	3	0.262	68.6	1.024	
8.75	8.50	92.51	711.6	6518	3	0.252	68.4	1.024	
9.00	8.75	93.87	745.8	6614	3	0.244	68.3	1.024	
9.25	9.00	95.11	780.5	6703	<i>shift</i>	-0.097	63.7	1.009	*shift point*
9.36	9.11	94.95	795.8	5251	4	0.231	68.2	1.018	
9.50	9.25	95.66	815.4	5290	4	0.229	68.1	1.018	
9.75	9.50	96.90	850.7	5359	4	0.225	68.1	1.018	
10.00	9.75	98.12	886.5	5427	4	0.221	68.0	1.018	
10.25	10.00	99.32	922.7	5493	4	0.217	68.0	1.018	
10.40	10.15	100.03	944.6	5532	4	0.214	67.9	1.018	*100 MPH*
10.50	10.25	100.50	959.3	5558	4	0.213	67.9	1.018	
10.75	10.50	101.66	996.4	5622	4	0.209	67.8	1.018	
10.78	10.53	101.79	1000.9	5630	4	0.208	67.8	1.018	*1000 ft*
11.00	10.75	102.79	1033.9	5685	4	0.205	67.8	1.018	
11.25	11.00	103.90	1071.8	5746	4	0.201	67.7	1.018	
11.50	11.25	105.00	1110.1	5807	4	0.197	67.7	1.018	
11.75	11.50	106.07	1148.8	5866	4	0.194	67.6	1.018	
12.00	11.75	107.12	1187.9	5924	4	0.190	67.6	1.018	
12.25	12.00	108.15	1227.4	5981	4	0.186	67.5	1.018	
12.42	12.17	108.84	1254.4	6019	4	0.183	67.5	1.018	*1/4 mi (1)*
12.50	12.25	109.16	1267.2	6037	4	0.182	67.5	1.018	
12.75	12.50	110.14	1307.4	6091	4	0.176	67.4	1.018	
12.83	12.58	110.45	1320.4	6108	4	0.174	67.4	1.018	*1/4 mi (2)*
ZT	ET	MPH	Feet	RPM	Gear	G	Rear%	MF	Note(s)

Summary

Seconds Seconds

0-60 mph: 4.23
0-100 mph: 10.40
60 ft: 2.04 @ 38.18
330 ft: 5.34 @ 70.79
1/8 mile: 8.12 @ 88.79 (90.35 actual)
1000 ft: 10.53 @ 101.79
1/4 mile: 12.58 @ 109.65 (110.45 actual)
Max Accel: 0.955 G
Air Density: 0.00231552 slug ft³
Time Delta: 10.0 ms

