

SUMMARY OF ACCELERATION AND TOP SPEED

October 10, 2020

	Chevrolet Tahoe 5.3L RWD	Chevrolet Tahoe 5.3L 4WD	Dodge Charger 3.6L AWD	Dodge Charger 5.7L RWD
ACCELERATION (seconds)				
0-20 mph	1.89	1.85	1.97	1.61
0-30 mph	2.92	2.92	2.97	2.40
0-40 mph	4.34	4.42	4.13	3.36
0-50 mph	5.79	5.94	5.57	4.46
0-60 mph	7.60	7.87	7.41	5.91
0-70 mph	9.66	10.02	9.54	7.59
0-80 mph	12.24	12.82	11.81	9.36
0-90 mph	15.36	16.02	14.93	11.68
0-100 mph	19.17	20.19	17.97	14.14
TOP SPEED (mph)	130	125	140	140
DISTANCE TO REACH (miles)				
100 mph	0.34	0.36	0.31	0.24
120 mph	0.72	0.82	0.67	0.46
Top Speed	1.41	1.06	2.41	1.01
	Dodge Durango 3.6L AWD	Dodge Durango 5.7L AWD	Ford Police Interceptor Utility Hybrid AWD	Ford Police Interceptor Utility 3.0L EcoBoost AWD
ACCELERATION (seconds)				
0-20 mph	1.95	1.67	1.62	1.65
0-30 mph	3.08	2.59	2.72	2.34
0-40 mph	4.63	3.78	4.06	3.32
0-50 mph	6.36	5.15	5.52	4.40
0-60 mph	8.80	7.01	7.19	5.75
0-70 mph	11.43	9.10	9.18	7.21
0-80 mph	14.80	11.77	11.52	9.07
0-90 mph	19.07	14.83	14.30	11.26
0-100 mph	24.72	19.00	17.40	13.86
TOP SPEED (mph)	128	130	136	148
DISTANCE TO REACH (miles)				
100 mph	0.46	0.34	0.30	0.24
120 mph	1.16	0.72	0.61	0.45
Top Speed	2.84	1.12	1.28	1.24
	Ford Police Interceptor Utility 3.3L AWD	Ford F150 Police Responder 3.5L EcoBoost		
ACCELERATION (seconds)				
0-20 mph	1.99	1.76		
0-30 mph	3.11	2.66		
0-40 mph	4.50	3.71		
0-50 mph	6.04	5.03		
0-60 mph	7.84	6.61		
0-70 mph	9.91	8.43		
0-80 mph	12.55	10.62		
0-90 mph	15.55	13.42		
0-100 mph	19.14	16.78		
TOP SPEED (mph)	136	105		
DISTANCE TO REACH (miles)				
100 mph	0.33	0.30		
120 mph	0.72	N/A		
Top Speed	1.78	0.36		

SUMMARY OF VEHICLE BRAKE TESTING- October 10, 2020

		Phase 1 Average Deceleration Rate	Phase 2 Average Deceleration Rate	Overall Average Deceleration Rate	Projected Stopping Distance from 60.0 MPH
1	Chevrolet Tahoe 5.3L RWD	30.16	30.60	30.37	127.50
2	Chevrolet Tahoe 5.3L 4WD	30.28	30.66	30.47	127.10
3	Dodge Charger 3.6L AWD	30.36	30.52	30.44	127.20
4	Dodge Charger 5.7L RWD	29.78	30.37	30.07	128.80
5	Dodge Durango 3.6L AWD	29.19	29.00	29.09	133.10
6	Dodge Durango 5.7L AWD	29.42	28.94	29.18	132.70
7	Ford Police Interceptor Utility Hybrid AWD	29.61	29.93	29.77	130.10
8	Ford Police Interceptor Utility 3.0L EcoBoost AWD	29.90	30.15	30.02	129.00
9	Ford Police Interceptor Utility 3.3L AWD	30.50	30.67	30.59	126.60
10	Ford F150 Police Responder 3.5L EcoBoost	26.47	26.58	26.52	146.00

****ALL RESULTS LISTED ABOVE ARE PRELIMINARY AND ARE SUBJECT TO CHANGE UPON VERIFICATION OF DATA****

VEHICLE DYNAMICS TESTING- OCTOBER 13, 2020

Vehicles	Drivers	Lap 1	Lap 2	Lap 3	Lap 4	Lap 5	Average
Chevrolet Tahoe 5.3L RWD	AGEMA	01:39.18	01:39.18	01:38.77	01:38.68	01:38.83	01:38.93
	SCHUTTER	01:38.45	01:37.93	01:38.11	01:38.28	01:38.19	01:38.19
	DARLINGTON	01:38.03	01:37.68	01:37.53	01:37.68	01:37.75	01:37.74
	MERCER	01:37.42	01:37.14	01:37.29	01:37.34	01:37.12	01:37.26
OVERALL AVERAGE							01:38.03
Chevrolet Tahoe 5.3L 4WD	SCHUTTER	01:39.40	01:39.70	01:39.4	01:39.32	01:38.82	01:39.33
	DARLINGTON	01:38.76	01:38.48	01:38.41	01:38.63	01:38.62	01:38.58
	MERCER	01:38.04	01:38.08	01:37.70	01:37.88	01:37.84	01:37.91
	AGEMA	01:39.62	01:40.24	01:40.23	01:39.70	01:39.75	01:39.91
OVERALL AVERAGE							01:38.93
Dodge Charger 3.6L AWD	DARLINGTON	01:38.71	01:37.76	01:37.88	01:37.80	01:37.53	01:37.94
	MERCER	01:37.12	01:37.25	01:37.12	01:37.23	01:37.19	01:37.18
	AGEMA	01:37.88	01:37.89	01:37.60	01:37.97	01:37.73	01:37.82
	SCHUTTER	01:38.36	01:38.40	01:38.24	01:38.52	01:38.54	01:38.41
OVERALL AVERAGE							01:37.84
Dodge Charger 5.7L RWD	SCHUTTER	01:36.91	01:36.71	01:36.68	01:36.60	01:36.51	01:36.68
	DARLINGTON	01:36.09	01:36.02	01:35.90	01:36.05	01:36.05	01:36.02
	MERCER	01:35.89	01:36.01	01:35.66	01:35.73	01:36.30	01:35.92
	AGEMA	01:36.40	01:36.27	01:37.12	01:37.07	01:36.06	01:36.58
OVERALL AVERAGE							01:36.30
Dodge Durango 3.6L AWD	DARLINGTON	01:41.88	01:41.84	01:41.65	01:41.49	01:41.46	01:41.67
	MERCER	01:41.00	01:40.23	01:40.53	01:40.52	01:40.05	01:40.47
	AGEMA	01:40.52	01:40.66	01:40.58	01:40.68	01:40.37	01:40.56
	SCHUTTER	01:41.42	01:41.18	01:41.15	01:41.61	01:41.50	01:41.37
OVERALL AVERAGE							01:41.02
Dodge Durango 5.7L AWD	DARLINGTON	01:39.53	01:39.62	01:39.69	01:39.45	01:39.34	01:39.53
	MERCER	01:38.30	01:38.70	01:38.07	01:38.27	01:37.97	01:38.26
	AGEMA	01:38.64	01:38.26	01:38.35	01:38.42	01:38.35	01:38.40
	SCHUTTER	01:39.12	01:38.85	01:38.97	01:38.91	01:38.93	01:38.96
OVERALL AVERAGE							01:38.79

**CONTINUED:
VEHICLE DYNAMICS TESTING- OCTOBER 13, 2020**

Ford Police Interceptor Utility Hybrid AWD	MERCER	01:38.14	01:38.03	01:38.01	01:38.18	01:38.02	01:38.08
	AGEMA	01:38.41	01:38.86	01:38.13	01:38.85	01:38.98	01:38.65
	SCHUTTER	01:39.11	01:39.71	01:39.71	01:39.46	01:39.02	01:39.40
	DARLINGTON	01:38.75	01:38.64	01:38.65	01:38.73	01:38.48	01:38.65
OVERALL AVERAGE							01:38.69
Ford Police Interceptor Utility 3.0L EcoBoost AWD	AGEMA	01:35.96	01:35.60	01:36.14	01:35.78	01:36.17	01:35.93
	SCHUTTER	01:36.06	01:35.72	01:36.19	01:35.70	01:36.11	01:35.95
	DARLINGTON	01:35.75	01:35.90	01:35.75	01:35.68	01:35.48	01:35.71
	MERCER	01:35.22	01:35.19	01:34.99	01:34.74	01:34.96	01:35.02
OVERALL AVERAGE							01:35.65
Ford Police Interceptor Utility 3.3L AWD	SCHUTTER	01:38.88	01:38.27	01:38.47	01:38.95	01:38.83	01:38.68
	DARLINGTON	01:39.04	01:38.86	01:38.70	01:38.69	01:38.20	01:38.70
	MERCER	01:37.28	01:37.89	01:38.06	01:37.52	01:37.72	01:37.69
	AGEMA	01:37.83	01:38.38	01:38.61	01:38.92	01:38.09	01:38.36
OVERALL AVERAGE							01:38.36
Ford F-150 Police Responder 3.5L EcoBoost	MERCER	01:43.57	01:43.41	01:43.00	01:43.22	01:42.88	01:43.21
	AGEMA	01:44.39	01:44.56	01:44.08	01:44.53	01:44.42	01:44.40
	SCHUTTER	01:44.69	01:44.73	01:44.24	01:44.56	01:44.62	01:44.57
	DARLINGTON	01:43.06	01:43.20	01:42.75	01:43.09	01:43.91	01:43.20
OVERALL AVERAGE							01:43.84