

## PowerSpec - Sudden Deceleration Data Report

Report Date: 7/22/2010 10:44:43 AM

Engine Type	ISX 02	ECM Code	AB10417.20	Last Tool Used	Insite
Engine Serial Number	79219380	Software Phase	6.5.3.2	Customer Name	
Unit Number		ECM Runtime hh:mm:ss	11433:40:51	PowerSpec Version	4.2.1.3

**Record 1**[View Record 2](#) [View Record 3](#)

Occurrence Date	N/A	Total ECM Run Time @ Occurrence (HH:MM:SS)	11433:11:35
Air Temp @ Occurrence (F)	0	Occurrence Distance (miles)	484962.5

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	64	1403	27.8	52.0	-	-	-	-
-58	64	1416	30.2	52.0	-	-	-	-
-57	64	1424	29.8	48.8	-	-	-	-
-56	64	1423	21.3	46.5	-	-	-	-
-55	65	1426	26.0	48.8	-	-	-	-
-54	65	1436	38.9	56.0	-	-	-	-
-53	65	1446	31.4	58.8	-	-	-	-
-52	65	1453	13.4	50.5	-	-	-	-
-51	66	1452	5.0	34.3	-	-	-	-
-50	66	1441	16.1	40.0	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-49	66	1446	0.0	24.3	-	-	-	-
-48	66	1447	0.0	27.0	-	-	-	-
-47	66	1453	0.0	32.8	-	-	-	-
-46	66	1460	17.4	40.0	-	-	-	-
-45	66	1452	10.4	50.3	-	-	-	-
-44	66	1458	5.9	47.8	-	-	-	-
-43	66	1456	0.0	0.0	-	-	-	-
-42	65	1430	0.0	0.0	-	-	-	-
-41	65	1427	0.0	0.0	-	-	-	-
-40	64	1418	0.0	0.0	On	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-39	64	1406	0.0	0.0	On	-	-	-
-38	63	1393	0.0	0.0	On	-	-	-
-37	63	1377	0.0	0.0	-	-	-	-
-36	62	1367	0.0	13.0	-	-	-	-
-35	62	1379	4.1	39.8	-	-	-	-
-34	62	1362	40.7	56.8	-	-	-	-
-33	62	1362	23.2	41.5	-	-	-	-
-32	61	1359	9.6	34.5	-	-	-	-
-31	61	1362	15.4	36.3	-	-	-	-
-30	61	1355	13.7	41.0	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-29	61	1354	13.8	35.3	-	-	-	-
-28	61	1348	2.1	34.3	-	-	-	-
-27	61	1343	7.8	29.5	-	-	-	-
-26	61	1328	3.6	25.8	-	-	-	-
-25	60	1334	4.9	29.8	-	-	-	-
-24	60	1343	0.0	31.8	-	-	-	-

-23	60	1329	7.3	32.0	-	-	-	-
-22	60	1328	15.4	35.0	-	-	-	-
-21	60	1323	8.0	35.0	-	-	-	-
-20	60	1321	6.0	37.0	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-19	60	1314	15.7	34.3	-	-	-	-
-18	59	1317	13.5	37.8	-	-	-	-
-17	59	1314	17.6	39.3	-	-	-	-
-16	59	1318	23.1	45.8	-	-	-	-
-15	59	1311	18.3	41.8	-	-	-	-
-14	60	1311	14.2	38.3	-	-	-	-
-13	59	1311	19.2	38.5	-	-	-	-
-12	59	1317	21.9	40.5	-	-	-	-
-11	59	1318	17.7	39.0	-	-	-	-
-10	59	1315	13.2	28.8	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-9	59	1301	0.0	3.5	-	-	-	-
-8	59	1285	0.0	4.5	-	-	-	-
-7	58	1277	0.0	26.3	-	-	-	-
-6	58	1268	17.0	42.5	-	-	-	-
-5	57	1266	42.3	57.3	-	-	-	-
-4	57	1271	51.4	62.8	-	-	-	-
-3	58	1269	50.1	59.8	-	-	-	-
-2	58	1273	43.8	56.8	-	-	-	-
-1	57	1268	36.6	48.0	-	-	-	-
0	56	1200	0.0	0.0	On	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
1	34	924	60.1	0.0	On	On	-	-
2	26	679	1.4	0.0	On	On	-	-
3	14	689	0.0	0.0	On	On	-	-
4	7	673	0.0	0.0	On	On	-	-
5	6	669	0.0	0.0	On	On	-	-
6	6	680	0.0	0.0	On	On	-	-
7	6	669	0.0	0.0	On	On	-	-
8	1	672	0.0	0.0	On	On	-	-
9	0	672	0.0	0.0	On	On	-	-
10	0	668	0.0	0.0	On	On	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
11	0	672	0.0	0.0	On	On	-	-
12	0	672	0.0	0.0	On	On	-	-
13	0	671	0.0	0.0	On	On	-	-
14	0	677	0.0	0.0	On	On	-	-
15	0	675	0.0	0.0	On	On	-	-

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Occurrence Date	N/A	Total ECM Run Time @ Occurrence (HH:MM:SS)	10985:1:39
Air Temp @ Occurrence (F)	0	Occurrence Distance (miles)	464406.4

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	2	655	1.1	0.0	On	On	-	-
-58	2	646	2.2	0.0	On	On	-	-
-57	2	635	4.7	0.0	On	On	-	-

-56	2	649	4.0	0.0	On	On	-	-
-55	2	645	3.6	0.0	On	On	-	-
-54	2	642	3.6	0.0	On	On	-	-
-53	2	625	10.8	0.0	On	On	-	-
-52	2	640	10.8	0.0	On	On	-	-
-51	2	646	10.0	0.0	On	On	-	-
-50	2	652	8.7	0.0	On	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
-49	2	646	12.8	0.0	On	On	-	-
-48	1	683	0.0	0.0	On	On	-	-
-47	1	626	8.0	0.0	On	On	-	-
-46	1	638	20.2	0.0	-	On	-	-
-45	2	660	13.4	0.0	-	On	-	-
-44	2	675	1.8	0.0	On	On	-	-
-43	1	660	0.0	0.0	On	On	-	-
-42	1	622	8.4	0.0	On	On	-	-
-41	1	630	11.2	0.0	-	On	-	-
-40	1	652	9.8	0.0	-	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
-39	2	681	0.0	0.0	On	On	-	-
-38	1	662	0.0	0.0	On	On	-	-
-37	1	637	8.6	0.0	On	On	-	-
-36	0	646	6.6	0.0	-	On	-	-
-35	1	665	4.8	0.0	-	On	-	-
-34	1	662	0.0	0.0	On	On	-	-
-33	1	644	3.8	0.0	On	On	-	-
-32	1	643	1.4	0.0	On	On	-	-
-31	1	649	1.5	0.0	On	On	-	-
-30	1	654	1.2	0.0	On	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
-29	1	656	0.7	0.0	On	On	-	-
-28	1	643	4.5	0.0	On	On	-	-
-27	1	629	9.5	0.0	On	On	-	-
-26	1	668	0.0	0.0	On	On	-	-
-25	1	657	0.4	0.0	On	On	-	-
-24	1	653	2.4	0.0	On	On	-	-
-23	1	657	3.1	0.0	On	On	-	-
-22	1	658	1.2	0.0	On	On	-	-
-21	1	641	3.4	0.0	On	On	-	-
-20	0	649	6.3	0.0	On	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
-19	0	653	5.8	0.0	On	On	-	-
-18	1	646	3.8	0.0	-	On	-	-
-17	1	655	6.2	0.0	On	On	-	-
-16	1	652	1.6	0.0	On	On	-	-
-15	1	653	1.4	0.0	On	On	-	-
-14	0	660	0.0	0.0	On	On	-	-
-13	0	658	0.0	0.0	On	On	-	-
-12	0	647	0.0	0.0	On	On	-	-
-11	0	650	0.0	0.0	On	On	-	-
-10	0	647	0.0	0.0	On	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
-9	0	651	0.0	0.0	On	On	-	-

-8	0	634	0.7	0.0	On	On	-	-
-7	0	646	13.5	0.0	On	On	-	-
-6	1	640	21.3	0.0	On	On	-	-
-5	2	624	26.9	0.0	On	On	-	-
-4	2	641	0.0	0.0	On	On	-	-
-3	2	592	42.0	0.0	On	On	-	-
-2	2	643	1.0	0.0	On	On	-	-
-1	10	663	0.0	0.0	On	On	-	-
0	10	653	0.0	0.0	On	On	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
1	1	654	0.0	0.0	On	On	-	-
2	0	645	0.0	0.0	On	On	-	-
3	0	646	1.3	0.0	On	On	-	-
4	0	643	1.8	0.0	On	On	-	-
5	0	625	5.0	0.0	On	On	-	-
6	0	616	14.7	0.0	On	On	-	-
7	0	659	7.1	0.0	On	On	-	-
8	1	656	6.5	0.0	On	On	-	-
9	1	630	11.2	0.0	On	On	-	-
10	1	668	4.6	0.0	On	On	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
11	1	655	2.5	0.0	On	On	-	-
12	1	657	3.1	0.0	On	On	-	-
13	1	658	0.0	0.0	On	On	-	-
14	1	638	7.7	0.0	On	On	-	-
15	1	652	2.6	0.0	On	On	-	-

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Occurrence Date	N/A	Total ECM Run Time @ Occurrence (HH:MM:SS)	11267:14:55
Air Temp @ Occurrence (F)	0	Occurrence Distance (miles)	477006.5

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-59	10	1181	0.0	0.0	-	-	-	-
-58	10	1170	0.0	0.0	-	-	-	-
-57	10	1163	0.0	0.0	On	-	-	-
-56	10	1151	0.0	0.0	On	-	-	-
-55	10	1122	0.0	0.0	On	-	-	-
-54	10	1081	0.0	0.0	On	-	-	-
-53	9	1037	0.0	0.0	-	-	-	-
-52	9	1002	0.0	14.0	-	-	-	-
-51	9	1008	3.2	26.5	-	-	-	-
-50	9	1027	9.2	29.8	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-49	9	1057	9.2	29.8	-	-	-	-
-48	9	1079	14.3	33.5	-	-	-	-
-47	10	1112	18.3	27.5	-	-	-	-
-46	10	707	0.0	0.0	-	-	-	-
-45	9	1338	0.0	0.0	-	-	-	-
-44	9	842	49.3	60.8	-	-	-	-
-43	8	1340	0.0	0.0	-	-	-	-
-42	8	1300	7.6	37.5	-	-	-	-
-41	8	1250	18.5	38.3	-	-	-	-
-40	8	1284	13.9	36.0	-	-	-	-

Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-39	8	1298	8.6	33.0	-	-	-	-
-38	8	1274	0.0	27.0	-	-	-	-
-37	8	1247	1.3	29.8	-	-	-	-
-36	8	1247	2.1	28.8	-	-	-	-
-35	8	1230	0.3	27.0	-	-	-	-
-34	8	1204	0.0	26.3	-	-	-	-
-33	8	1171	0.0	26.3	-	-	-	-
-32	7	1164	4.4	29.8	-	-	-	-
-31	7	1174	9.0	31.3	-	-	-	-
-30	7	1162	0.5	25.8	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-29	7	1143	0.0	25.0	-	-	-	-
-28	7	1146	5.8	30.3	-	-	-	-
-27	7	1134	8.8	30.3	-	-	-	-
-26	7	1133	6.1	27.0	-	-	-	-
-25	7	1090	0.0	25.0	-	-	-	-
-24	7	1107	4.2	27.3	-	-	-	-
-23	7	1108	7.9	28.8	-	-	-	-
-22	7	1053	0.0	21.0	-	-	-	-
-21	7	1018	1.0	24.0	-	-	-	-
-20	6	923	8.1	26.3	-	-	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-19	6	921	24.9	33.5	-	-	-	-
-18	6	953	30.3	36.3	-	-	-	-
-17	6	959	20.5	31.0	-	-	-	-
-16	6	959	19.3	31.0	-	-	-	-
-15	6	953	12.9	29.5	-	-	-	-
-14	6	887	6.5	22.5	-	On	-	-
-13	6	822	5.3	21.0	-	On	-	-
-12	5	741	2.6	12.8	-	On	-	-
-11	4	654	19.2	10.0	-	On	-	-
-10	4	623	27.5	0.0	-	On	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
-9	3	644	0.0	0.0	On	On	-	-
-8	3	650	0.0	0.0	On	On	-	-
-7	2	652	0.0	0.0	-	On	-	-
-6	1	606	5.2	0.3	-	On	-	-
-5	1	659	9.6	7.3	-	On	-	-
-4	1	668	25.7	8.8	-	On	-	-
-3	2	736	41.6	0.0	-	On	-	-
-2	2	643	1.0	0.0	On	On	-	-
-1	18	660	0.0	0.0	On	On	-	-
0	20	653	0.0	0.0	On	On	-	-
Time (Seconds)	Vehicle Speed (mph)	Engine Speed (rpm)	Engine Load (%)	Throttle (%)	Brake Status	Clutch Status	Cruise Status	Lamp Status
1	2	649	0.0	0.0	On	On	-	-
2	0	649	0.0	0.0	-	On	-	-
3	0	647	0.0	0.0	On	On	-	-
4	0	650	0.0	0.0	On	On	-	-
5	0	647	0.0	0.0	On	On	-	-
6	0	650	0.0	0.0	On	On	-	-
7	0	645	0.0	0.0	-	On	-	-
8	0	680	18.3	10.5	-	On	-	-

9	0	665	34.9	11.3	-	On	-	-
10	2	654	40.0	2.8	-	On	-	-
<b>Time (Seconds)</b>	<b>Vehicle Speed (mph)</b>	<b>Engine Speed (rpm)</b>	<b>Engine Load (%)</b>	<b>Throttle (%)</b>	<b>Brake Status</b>	<b>Clutch Status</b>	<b>Cruise Status</b>	<b>Lamp Status</b>
11	2	647	49.9	0.0	-	On	-	-
12	3	769	13.1	0.0	-	On	-	-
13	3	761	2.0	0.0	-	On	-	-
14	3	665	1.1	0.0	-	On	-	-
15	3	665	3.3	0.0	-	On	-	-