



Log Data (LGS)
 Distance
 Torque
 Power
 Show Showlock Ave. Data Cursor
 NONE

Folder: 2013 dodge 2500 64
 Run ID: XXXXXXXXXX
 Date: 03-Jan-2017 14:29:17

*This Truck had
 a E in cold air
 intake*

HVS 4"

Folder: XXXXXXXXXX
 Run ID: XXXXXXXXXX
 Date: XXXXXXXXXX



1405 4/1

EngRPM	Torque lb-ft	Power HP	Temp °F	MAB PSI	Lambda	A/R	FCRatio P/PC	Time sec	Baro InHg	P.Effort lb
1994	294.440	111.776	68.7	-0.38	0.01	0.08	1.05051	46.382	28.721	1592.98
1994	294.605	111.860	68.7	-0.35	0.00	0.05	1.05052	46.415	28.721	1593.87
1995	294.514	111.883	68.7	-0.37	0.00	0.03	1.05052	46.448	28.721	1593.38
1997	294.303	111.898	68.7	-0.39	0.00	0.00	1.05052	46.481	28.720	1592.24
1999	293.910	111.883	68.7	-0.42	0.00	0.00	1.05049	46.514	28.721	1590.11
2002	293.604	111.933	68.7	-0.42	0.00	0.00	1.05047	46.546	28.721	1588.45
2006	293.299	112.007	68.7	-0.42	0.00	0.00	1.05047	46.579	28.721	1586.81
2009	293.046	112.114	68.7	-0.43	0.00	0.00	1.05047	46.612	28.721	1585.44
2013	292.855	112.256	68.7	-0.43	0.00	0.00	1.05049	46.645	28.721	1584.40
2017	292.717	112.428	68.7	-0.42	0.00	0.00	1.05049	46.677	28.721	1583.66
2021	292.701	112.648	68.7	-0.42	0.00	0.00	1.05049	46.710	28.721	1583.57
2025	292.753	112.882	68.7	-0.41	0.00	0.03	1.05050	46.743	28.721	1583.85
2029	292.912	113.137	68.7	-0.41	0.00	0.05	1.05050	46.776	28.721	1584.71
2032	293.007	113.350	68.7	-0.40	0.00	0.05	1.05051	46.808	28.721	1585.23
2035	293.170	113.573	68.7	-0.39	0.01	0.08	1.05052	46.841	28.721	1586.11
2037	293.235	113.748	68.7	-0.40	0.00	0.05	1.05055	46.874	28.720	1586.46
2040	293.259	113.901	68.7	-0.41	0.00	0.03	1.05057	46.907	28.720	1586.59
2042	293.268	114.045	68.7	-0.41	0.00	0.04	1.05056	46.939	28.720	1586.64
2045	293.231	114.166	68.7	-0.42	0.01	0.08	1.05057	46.972	28.720	1586.44
2047	293.192	114.276	68.7	-0.43	0.01	0.15	1.05059	47.005	28.720	1586.23
2049	293.135	114.371	68.7	-0.43	0.01	0.15	1.05059	47.038	28.720	1585.92
2051	293.054	114.449	68.7	-0.43	0.01	0.14	1.05059	47.071	28.720	1585.48
2053	293.003	114.530	68.7	-0.42	0.00	0.07	1.05060	47.103	28.720	1585.20
2055	293.040	114.637	68.7	-0.41	0.00	0.04	1.05060	47.136	28.720	1585.41
2056	292.985	114.701	68.7	-0.40	0.00	0.03	1.05059	47.169	28.720	1585.11
2058	292.975	114.779	68.7	-0.39	0.00	0.05	1.05059	47.202	28.720	1584.37
2059	292.849	114.810	68.7	-0.38	0.01	0.08	1.05059	47.234	28.720	1583.66
2060	292.718	114.835	68.7	-0.37	0.00	0.05	1.05059	47.267	28.720	1583.05
2062	292.605	114.866	68.7	-0.38	0.00	0.06	1.05057	47.300	28.719	1583.56
2063	292.515	114.907	68.7	-0.39	0.00	0.10	1.05057	47.333	28.720	1582.56
2065	292.420	114.944	68.7	-0.41	0.01	0.17	1.05055	47.365	28.720	1582.05
2066	292.374	115.002	68.7	-0.41	0.01	0.18	1.05054	47.398	28.720	1581.80
2067	292.305	115.053	68.7	-0.40	0.00	0.11	1.05054	47.431	28.720	1581.43
2069	292.223	115.105	68.7	-0.40	0.00	0.04	1.05056	47.464	28.720	1580.99
2070	292.142	115.164	68.7	-0.40	0.00	0.00	1.05055	47.496	28.720	1580.55
2072	291.969	115.193	68.7	-0.41	0.00	0.04	1.05054	47.529	28.720	1579.61
2074	291.933	115.279	68.7	-0.42	0.01	0.11	1.05055	47.562	28.719	1579.42
2076	291.779	115.334	68.7	-0.43	0.01	0.18	1.05055	47.595	28.719	1578.58
2078	291.585	115.387	68.7	-0.43	0.01	0.17	1.05055	47.627	28.719	1577.53
2081	291.348	115.434	68.7	-0.42	0.01	0.10	1.05054	47.660	28.720	1576.25
2084	291.094	115.488	68.7	-0.40	0.00	0.06	1.05053	47.693	28.720	1574.88
2087	290.866	115.563	68.7	-0.40	0.01	0.09	1.05054	47.726	28.720	1573.64
2090	290.718	115.678	68.7	-0.40	0.01	0.15	1.05053	47.759	28.720	1572.84
2093	290.702	115.842	68.7	-0.40	0.01	0.15	1.05054	47.791	28.720	1572.76
2096	290.904	116.077	68.7	-0.40	0.01	0.12	1.05053	47.824	28.720	1573.85
2098	291.273	116.356	68.7	-0.40	0.01	0.09	1.05053	47.857	28.721	1575.85
2100	291.597	116.595	68.7	-0.40	0.01	0.09	1.05055	47.890	28.720	1577.60
2101	292.043	116.853	68.7	-0.40	0.00	0.06	1.05055	47.922	28.720	1580.01
2102	292.507	117.089	68.7	-0.40	0.00	0.03	1.05054	47.955	28.720	1582.52
2103	292.938	117.283	68.7	-0.41	0.00	0.00	1.05051	47.988	28.721	1584.85
2103	293.454	117.481	68.7	-0.41	0.00	0.04	1.05050	48.021	28.721	1587.64
2102	293.912	117.629	68.7	-0.41	0.01	0.08	1.05050	48.053	28.721	1590.12
2101	294.284	117.719	68.7	-0.41	0.01	0.16	1.05049	48.086	28.721	1592.14
2100	294.581	117.766	68.7	-0.40	0.01	0.16	1.05049	48.119	28.721	1593.74
2098	294.685	117.735	68.7	-0.40	0.01	0.16	1.05048	48.152	28.721	1594.31

HVS 46

EngRPM	Torque lbft	Power HP	Temp °F	MAP PSI	Lambda	AFR	PCRatio P/PC	Time sec	Baro InHg	T.Effort lb
2097	294.695	117.674	68.7	-0.41	0.01	0.11	1.05047	48.184	28.722	1594.36
2096	294.752	117.644	68.7	-0.42	0.01	0.10	1.05045	48.217	28.722	1594.67
2096	294.756	117.606	68.7	-0.42	0.01	0.09	1.05046	48.250	28.722	1594.69
2095	294.772	117.589	68.7	-0.42	0.00	0.06	1.05047	48.283	28.722	1594.77
2095	294.788	117.593	68.7	-0.42	0.00	0.03	1.05047	48.315	28.722	1594.86
2095	294.661	117.565	68.7	-0.40	0.00	0.00	1.05048	48.348	28.722	1594.17
2096	294.558	117.574	68.7	-0.40	0.00	0.00	1.05047	48.381	28.722	1593.62
2100	294.287	117.654	68.7	-0.40	0.00	0.00	1.05048	48.414	28.722	1593.14
2102	294.141	117.734	68.7	-0.39	0.00	0.00	1.05048	48.446	28.722	1592.15
2105	293.968	117.833	68.7	-0.39	0.00	0.00	1.05050	48.479	28.721	1591.36
2109	293.738	117.935	68.7	-0.39	0.01	0.03	1.05048	48.512	28.722	1590.42
2113	293.608	118.102	68.7	-0.39	0.01	0.10	1.05048	48.545	28.722	1589.18
2117	293.493	118.294	68.7	-0.39	0.02	0.24	1.05045	48.610	28.722	1588.48
2122	293.403	118.516	68.7	-0.38	0.02	0.24	1.05045	48.643	28.722	1587.85
2127	293.439	118.810	68.7	-0.37	0.01	0.17	1.05045	48.676	28.722	1587.37
2132	293.482	119.119	68.7	-0.37	0.01	0.17	1.05046	48.709	28.722	1587.56
2137	293.522	119.441	68.7	-0.37	0.01	0.16	1.05048	48.741	28.722	1587.79
2143	293.672	119.818	68.7	-0.37	0.01	0.18	1.05048	48.774	28.722	1588.02
2149	293.869	120.237	68.7	-0.35	0.01	0.14	1.05049	48.807	28.722	1588.82
2155	294.086	120.692	68.7	-0.34	0.01	0.12	1.05050	48.840	28.722	1589.89
2163	294.375	121.219	68.7	-0.34	0.01	0.12	1.05049	48.872	28.722	1591.07
2171	294.536	121.755	68.7	-0.37	0.01	0.15	1.05049	48.905	28.722	1592.63
2181	294.605	122.335	68.7	-0.39	0.01	0.15	1.05048	48.938	28.722	1593.50
2192	294.679	123.009	68.7	-0.38	0.01	0.09	1.05048	48.971	28.722	1593.87
2206	294.782	123.791	68.7	-0.36	0.00	0.03	1.05047	49.003	28.723	1594.27
2221	294.962	124.715	68.7	-0.34	0.00	0.04	1.05046	49.036	28.723	1594.83
2238	295.184	125.783	68.7	-0.36	0.01	0.11	1.05048	49.070	28.722	1595.80
2258	295.328	126.957	68.7	-0.38	0.01	0.21	1.05047	49.102	28.722	1597.01
2280	295.424	128.237	68.7	-0.40	0.02	0.24	1.05047	49.134	28.722	1597.78
2304	295.495	129.621	68.7	-0.40	0.02	0.23	1.05046	49.167	28.722	1598.31
2330	295.426	131.042	68.7	-0.39	0.01	0.19	1.05045	49.200	28.722	1598.69
2357	295.369	132.541	68.7	-0.39	0.01	0.19	1.05043	49.233	28.722	1598.32
2385	295.426	134.131	68.7	-0.40	0.01	0.16	1.05043	49.266	28.722	1598.32
2413	295.454	135.740	68.7	-0.41	0.01	0.09	1.05041	49.298	28.723	1598.46
2442	295.260	137.264	68.7	-0.42	0.00	0.03	1.05039	49.331	28.723	1597.42
2470	294.856	138.691	68.7	-0.42	0.00	0.00	1.05039	49.364	28.723	1595.23
2499	294.332	140.021	68.6	-0.41	0.00	0.00	1.05036	49.396	28.724	1592.39
2526	293.773	141.275	68.6	-0.41	0.00	0.03	1.05036	49.429	28.724	1589.37
2552	293.163	142.443	68.6	-0.41	0.01	0.10	1.05034	49.462	28.724	1586.07
2577	292.607	143.558	68.6	-0.42	0.01	0.17	1.05036	49.495	28.723	1583.06
2600	292.172	144.650	68.6	-0.43	0.01	0.18	1.05037	49.528	28.723	1580.71
2622	291.764	145.669	68.6	-0.43	0.01	0.11	1.05038	49.560	28.723	1578.50
2643	291.260	146.573	68.6	-0.43	0.00	0.07	1.05040	49.593	28.723	1575.78
2662	290.776	147.403	68.7	-0.41	0.01	0.10	1.05040	49.626	28.723	1573.15
2681	290.457	148.242	68.7	-0.39	0.01	0.16	1.05041	49.659	28.723	1571.43
2697	290.307	149.095	68.7	-0.36	0.01	0.16	1.05041	49.691	28.723	1570.62
2713	290.282	149.957	68.7	-0.37	0.01	0.13	1.05042	49.724	28.723	1570.48
2728	290.303	150.785	68.7	-0.37	0.01	0.10	1.05044	49.757	28.723	1570.60
2742	290.332	151.558	68.7	-0.37	0.01	0.11	1.05045	49.790	28.723	1570.75
2755	290.288	152.263	68.7	-0.36	0.00	0.07	1.05046	49.822	28.723	1570.51
2768	290.212	152.924	68.7	-0.38	0.00	0.04	1.05044	49.855	28.724	1570.10
2780	290.185	153.595	68.7	-0.40	0.00	0.00	1.05044	49.888	28.724	1569.96
2792	290.260	154.299	68.7	-0.41	0.00	0.03	1.05044	49.921	28.724	1570.37
2804	290.339	155.000	68.7	-0.40	0.00	0.05	1.05044	49.953	28.724	1570.79

HVS 411

EngRPM	Torque lb-ft	Power HP	Temp ° F	MAP PSI	Lambda	AFR	FCRratio P/PC	Time sec	Baro InHg	T.Effort lb
2816	290.377	155.671	68.7	-0.40	0.01	0.12	1.05044	49.986	28.724	1571.00
2827	290.369	156.314	68.7	-0.40	0.01	0.13	1.05044	50.019	28.724	1570.95
2839	290.304	156.938	68.7	-0.40	0.01	0.17	1.05044	50.052	28.724	1570.60
2852	290.254	157.594	68.7	-0.40	0.01	0.14	1.05042	50.085	28.724	1570.33
2865	290.264	158.314	68.7	-0.40	0.01	0.13	1.05042	50.117	28.724	1570.39
2878	290.332	159.087	68.7	-0.39	0.00	0.06	1.05043	50.150	28.724	1570.76
2892	290.391	159.898	68.7	-0.39	0.00	0.03	1.05043	50.183	28.724	1571.08
2907	290.416	160.730	68.7	-0.39	0.00	0.00	1.05044	50.216	28.724	1571.21
2922	290.385	161.571	68.7	-0.41	0.00	0.00	1.05044	50.248	28.724	1571.04
2939	290.326	162.453	68.7	-0.45	0.00	0.00	1.05045	50.281	28.724	1570.72
2957	290.286	163.411	68.7	-0.47	0.00	0.00	1.05045	50.314	28.724	1570.51
2975	290.265	164.432	68.7	-0.46	0.00	0.00	1.05045	50.347	28.724	1570.39
2995	290.265	165.502	68.7	-0.44	0.00	0.00	1.05047	50.379	28.724	1570.39
3015	290.246	166.605	68.7	-0.44	0.00	0.00	1.05046	50.412	28.724	1570.29
3036	290.220	167.741	68.7	-0.41	0.00	0.00	1.05046	50.445	28.724	1570.15
3057	290.228	168.925	68.7	-0.40	0.00	0.00	1.05046	50.478	28.724	1570.22
3079	290.233	170.125	68.7	-0.41	0.00	0.00	1.05045	50.510	28.724	1570.19
3101	290.263	171.354	68.7	-0.39	0.00	0.00	1.05045	50.543	28.724	1570.38
3123	290.306	172.618	68.7	-0.38	0.00	0.03	1.05044	50.576	28.724	1570.61
3145	290.343	173.884	68.7	-0.36	0.00	0.06	1.05044	50.609	28.724	1570.81
3168	290.389	175.144	68.7	-0.37	0.01	0.06	1.05044	50.642	28.724	1571.06
3190	290.440	176.412	68.7	-0.38	0.00	0.06	1.05044	50.674	28.724	1571.34
3213	290.454	177.681	68.7	-0.41	0.00	0.06	1.05041	50.707	28.724	1571.42
3236	290.476	178.956	68.7	-0.42	0.00	0.06	1.05041	50.740	28.724	1571.53
3259	290.525	180.260	68.7	-0.42	0.01	0.13	1.05041	50.773	28.724	1571.80
3282	290.525	181.562	68.7	-0.41	0.01	0.14	1.05039	50.805	28.725	1571.80
3306	290.568	182.904	68.7	-0.40	0.01	0.18	1.05039	50.838	28.725	1572.03
3330	290.665	184.297	68.7	-0.40	0.01	0.13	1.05040	50.871	28.725	1572.56
3354	290.826	185.739	68.7	-0.39	0.00	0.12	1.05042	50.904	28.724	1573.43
3379	291.158	187.295	68.7	-0.40	0.00	0.05	1.05043	50.936	28.724	1575.22
3403	291.595	188.946	68.7	-0.41	0.00	0.03	1.05043	50.969	28.724	1577.59
3428	292.106	190.651	68.7	-0.41	0.00	0.04	1.05043	51.002	28.724	1580.35
3453	292.781	192.475	68.7	-0.40	0.01	0.08	1.05043	51.035	28.724	1584.00
3478	293.530	194.362	68.7	-0.40	0.01	0.12	1.05045	51.069	28.723	1588.06
3503	294.265	196.251	68.7	-0.40	0.01	0.08	1.05046	51.100	28.723	1592.03
3528	295.066	198.196	68.7	-0.41	0.00	0.04	1.05045	51.133	28.723	1596.37
3553	295.815	200.134	68.7	-0.41	0.00	0.03	1.05046	51.166	28.723	1600.42
3579	296.485	202.043	68.7	-0.40	0.00	0.05	1.05046	51.198	28.723	1604.04
3605	297.032	203.908	68.7	-0.40	0.01	0.08	1.05044	51.231	28.723	1607.00
3633	297.278	205.613	68.7	-0.40	0.00	0.05	1.05043	51.264	28.723	1608.33
3661	297.345	207.244	68.7	-0.41	0.00	0.03	1.05045	51.297	28.722	1608.79
3690	297.271	208.839	68.7	-0.41	0.00	0.00	1.05046	51.329	28.722	1608.20
3720	297.076	210.393	68.7	-0.40	0.00	0.00	1.05047	51.362	28.722	1606.21
3751	296.885	212.005	68.7	-0.38	0.00	0.00	1.05049	51.395	28.722	1605.37
3782	296.730	213.681	68.7	-0.38	0.00	0.00	1.05049	51.428	28.722	1605.68
3814	296.602	215.415	68.7	-0.39	0.00	0.00	1.05050	51.460	28.722	1604.20
3847	296.515	217.196	68.7	-0.40	0.00	0.00	1.05051	51.493	28.722	1604.03
3881	296.482	219.074	68.7	-0.41	0.00	0.00	1.05049	51.526	28.723	1604.20
3915	296.519	221.018	68.7	-0.41	0.00	0.00	1.05051	51.559	28.722	1604.23
3949	296.776	223.161	68.7	-0.39	0.00	0.00	1.05050	51.591	28.722	1605.62
3984	297.125	225.392	68.7	-0.37	0.00	0.00	1.05050	51.624	28.722	1607.51
4019	297.462	227.624	68.7	-0.36	0.00	0.03	1.05050	51.657	28.722	1609.33
4055	297.784	229.905	68.7	-0.38	0.00	0.06	1.05050	51.690	28.722	1611.07
4091	297.889	232.049	68.7	-0.39	0.01	0.08	1.05051	51.723	28.721	1611.64
4129	297.906	234.210	68.7	-0.40	0.00	0.06	1.05050	51.755	28.722	1611.73

HVS 4'

EngRPM	Torque lbft	Power HP	Temp °F	MAP PSI	Lambda	AFR	PCRatio P/FC	Time sec	Baro inHg	T.Effort lb
4168	297.726	236.277	68.7	-0.40	0.00	0.03	1.05049	51.788	28.722	1610.75
4209	297.525	238.419	68.7	-0.40	0.00	0.00	1.05048	51.821	28.722	1609.67
4250	297.240	240.552	68.7	-0.39	0.00	0.00	1.05047	51.854	28.722	1608.13
4294	296.941	242.749	68.7	-0.39	0.00	0.00	1.05047	51.886	28.722	1606.51
4338	296.617	245.015	68.7	-0.40	0.00	0.00	1.05047	51.919	28.722	1604.76
4384	296.205	247.253	68.7	-0.42	0.00	0.00	1.05047	51.952	28.722	1602.53
4432	295.977	249.771	68.7	-0.43	0.00	0.00	1.05048	51.985	28.722	1601.30
4480	295.620	252.188	68.7	-0.43	0.00	0.00	1.05048	52.017	28.722	1599.37
4531	295.452	254.863	68.7	-0.43	0.00	0.00	1.05048	52.050	28.722	1598.45
4581	295.256	257.529	68.7	-0.42	0.00	0.00	1.05046	52.083	28.722	1597.39
4632	295.140	260.300	68.7	-0.41	0.00	0.03	1.05046	52.116	28.722	1596.76
4684	295.027	263.116	68.7	-0.41	0.00	0.05	1.05048	52.148	28.722	1596.15
4736	294.858	265.876	68.7	-0.41	0.00	0.08	1.05049	52.181	28.722	1595.24
4789	294.717	268.724	68.7	-0.42	0.01	0.09	1.05050	52.214	28.722	1594.48
4841	294.404	271.362	68.7	-0.41	0.01	0.13	1.05050	52.247	28.722	1592.79
4894	294.187	274.125	68.7	-0.40	0.01	0.18	1.05051	52.279	28.722	1591.61
4945	293.785	276.621	68.7	-0.40	0.01	0.18	1.05052	52.312	28.722	1589.44
4997	293.596	279.310	68.7	-0.42	0.01	0.14	1.05052	52.345	28.722	1588.41
5046	293.382	281.878	68.7	-0.42	0.01	0.12	1.05053	52.378	28.722	1587.26
5095	293.255	284.488	68.7	-0.41	0.01	0.13	1.05052	52.410	28.722	1586.21
5143	293.188	287.081	68.7	-0.39	0.01	0.14	1.05052	52.443	28.722	1586.57
5189	293.116	289.573	68.8	-0.37	0.01	0.11	1.05052	52.476	28.722	1587.54
5234	293.146	292.130	68.7	-0.38	0.01	0.12	1.05053	52.509	28.722	1588.55
5277	293.152	294.521	68.7	-0.40	0.01	0.16	1.05054	52.542	28.722	1588.74
5319	293.339	297.086	68.7	-0.41	0.01	0.17	1.05055	52.574	28.721	1588.79
5360	293.435	299.467	68.7	-0.41	0.01	0.14	1.05055	52.607	28.721	1588.19
5401	293.622	301.930	68.7	-0.40	0.01	0.15	1.05055	52.640	28.720	1587.16
5441	293.657	304.191	68.7	-0.40	0.01	0.22	1.05055	52.673	28.720	1585.85
5480	293.665	306.395	68.7	-0.40	0.02	0.24	1.05057	52.705	28.720	1584.18
5518	293.555	308.390	68.7	-0.40	0.02	0.23	1.05057	52.738	28.720	1582.32
5552	293.364	310.137	68.7	-0.40	0.01	0.16	1.05057	52.771	28.720	1579.96
5583	293.121	311.580	68.7	-0.41	0.01	0.13	1.05056	52.804	28.720	1577.94
5606	292.814	312.530	68.7	-0.41	0.00	0.07	1.05056	52.836	28.720	1575.73
5621	292.470	313.003	68.7	-0.41	0.00	0.03	1.05058	52.869	28.720	1572.69
5626	292.034	312.797	68.7	-0.40	0.00	0.00	1.05059	52.902	28.719	1571.85
5621	291.660	312.128	68.7	-0.40	0.00	0.00	1.05061	52.935	28.719	1571.60
5606	291.252	310.859	68.7	-0.41	0.00	0.03	1.05061	52.967	28.719	1571.62
5580	290.952	309.143	68.7	-0.41	0.01	0.09	1.05059	53.000	28.720	1571.18
5546	290.691	306.941	68.7	-0.40	0.01	0.18	1.05059	53.033	28.719	1572.92
5502	290.535	304.349	68.7	-0.40	0.01	0.19	1.05060	53.066	28.719	1573.89
5453	290.488	301.579	68.7	-0.42	0.01	0.22	1.05060	53.098	28.719	1574.41
5400	290.493	298.700	68.7	-0.42	0.01	0.19	1.05060	53.131	28.719	1574.88
5350	290.596	296.002	68.7	-0.42	0.00	0.06	1.05060	53.164	28.719	1574.84
5302	290.733	293.482	68.7	-0.41	0.00	0.05	1.05061	53.197	28.719	1575.41
5257	290.911	291.201	68.7	-0.40	0.01	0.08	1.05060	53.229	28.719	1576.42
5214	291.007	288.917	68.7	-0.40	0.00	0.05	1.05060	53.262	28.719	1577.21
5171	291.095	286.594	68.7	-0.39	0.00	0.03	1.05061	53.295	28.719	1578.45
5124	291.081	283.959	68.7	-0.40	0.00	0.00	1.05059	53.328	28.719	1579.14
5070	291.087	280.995	68.7	-0.40	0.00	0.00	1.05059	53.361	28.719	
5007	291.116	277.517	68.7	-0.41	0.00	0.00	1.05057	53.426	28.719	
4930	291.193	273.306	68.7	-0.40	0.00	0.00	1.05057	53.459	28.719	
4836	291.380	268.308	68.7	-0.38	0.00	0.00	1.05057	53.492	28.719	
4722	291.525	262.104	68.7	-0.36	0.00	0.00	1.05057	53.524	28.719	
4586	291.754	254.739	68.7	-0.36	0.00	0.00	1.05057	53.557	28.720	
4428	291.883	246.073	68.7	-0.36	0.00	0.03	1.05057			