

**2368v33 Centroid List**

12/5/01

File\_name: 2368v33centroid\_list

<b>Reference</b>	<b>X-Location(inch)</b>	<b>Y-Location(inch)</b>	<b>TOP(1)/BOT(2)</b>	<b>Rotation</b>
C1-centroid	6.51	3.355	1	0
C11-centroid	6.775	3.04	1	0
C114-centroid	2.55	2.09	1	180
C118-centroid	5.92	2.73	1	180
C119-centroid	6.56	2.275	1	180
C12-centroid	6.75	2.455	1	0
C120-centroid	5.99	3.63	1	0
C124-centroid	6.78	2.365	1	0
C14-centroid	6.415	2.56	1	180
C15-centroid	6.415	2.635	1	180
C200-centroid	2.94	2.16	1	180
C22-centroid	6.54	3.525	1	0
C23-centroid	6.805	2.94	1	0
C230-centroid	0.32	1.685	1	180
C233-centroid	1.74	1.99	1	90
C234-centroid	1.19	1.94	1	0
C25-centroid	6.75	3.41	1	0
C250-centroid	1.24984	2.09409	1	180
C253-centroid	1.66	1.86	1	0
C27-centroid	0.755	2.135	1	90
C28-centroid	0.755	1.865	1	270
C300-centroid	2.92	3.77	1	180
C301-centroid	5.83	1.335	1	0
C32-centroid	6.53	2.86	1	0
C33-centroid	6.5	2.77	1	0
C332-centroid	1.8534	1.9259	1	90
C333-centroid	2.0704	1.9079	1	90
C334-centroid	1.9584	1.9019	1	90
C347-centroid	2.565	2.235	1	0
C348-centroid	2.1278	2.09331	1	180
C353-centroid	2.51	1.86	1	0
C36-centroid	6.75	2.785	1	0
C4-centroid	6.41	3.155	1	180
C412-centroid	3.71	0.527	1	180
C413-centroid	3.71	0.352	1	180
C43-centroid	0.27	2.225	1	180
C44-centroid	0.27	1.97	1	180
C5-centroid	6.41	3.23	1	180
C500-centroid	5.54	1.64	1	180
C51-centroid	6.54	2.975	1	180
C515-centroid	5.86	1.52	1	0
C52-centroid	6.105	3.55	1	90
C53-centroid	6.51	3.435	1	0
C550-centroid	5.54	2.67	1	180
C568-centroid	5.805	2.345	1	0
C6-centroid	5.99	3.555	1	0
C60-centroid	5.15	3.515	1	180
C600-centroid	5.729	2.103	1	180
C601-centroid	5.729	2.022	1	180
C602-centroid	5.729	1.116	1	180
C603-centroid	5.729	1.037	1	180
C604-centroid	6.02	2.01	1	0
C62-centroid	4.66	3.725	1	270
C64-centroid	5.775	2.2	1	180

C65-centroid	6.049	2.226	1	0
C66-centroid	5.465	3.745	1	0
C67-centroid	6.049	2.136	1	0
C73-centroid	5.275	0.49	1	90
C78-centroid	0.9408	1.8	1	180
C81-centroid	5.465	3.22	1	0
C83-centroid	5.54	1.745	1	0
C84-centroid	4.4911	0.78	1	0
C85-centroid	2.966	0.427	1	180
C86-centroid	6.75	2.265	1	0
C91-centroid	5.63	0.675	1	0
C92-centroid	5.63	0.576	1	0
C93-centroid	2.39	1.67	1	180
C94-centroid	0.26	2.315	1	180
C95-centroid	1.19	1.85	1	0
C96-centroid	2.966	0.511	1	180
C98-centroid	6.515	2.385	1	180
CR0-centroid	0.27	2.075	1	0
CR1-centroid	0.27	1.81	1	0
FB1-centroid	6.66	3.015	1	90
FB10-centroid	5.735	1.42	1	180
FB12-centroid	5.735	2.455	1	180
FB2-centroid	6.395	3.41	1	270
FB3-centroid	5.94	3.32	1	270
FB4-centroid	6.625	2.415	1	90
FB5-centroid	6.39	2.825	1	270
FB6-centroid	5.945	2.51	1	0
J1-centroid	0.64685	0.9311	1	180
J2-centroid	0.62795	3.02953	1	0
R1-centroid	5.845	3.475	1	0
R107-centroid	0.92	2.23	1	180
R108-centroid	0.955	1.94	1	180
R13-centroid	2.15906	1.54031	1	270
R14-centroid	2.145	2.285	1	270
R15-centroid	5.71	3.005	1	180
R17-centroid	6.11	2.945	1	0
R18-centroid	6.11	2.33	1	0
R19-centroid	6.18	3.47	1	270
R2-centroid	5.705	3.39	1	180
R20-centroid	6.17	2.84	1	180
R200-centroid	2.96	1.97	1	180
R201-centroid	2.96	2.056	1	180
R203-centroid	1.57543	1.73228	1	180
R204-centroid	4.495	1.027	1	180
R21-centroid	5.71	3.085	1	180
R22-centroid	5.705	3.475	1	180
R23-centroid	5.705	3.555	1	180
R27-centroid	6.25	2.33	1	0
R28-centroid	5.23	2.985	1	90
R29-centroid	5.24	3.285	1	270
R3-centroid	5.845	3.555	1	0
R300-centroid	2.9	3.58	1	180
R301-centroid	2.9	3.66	1	180
R302-centroid	2.51	1.78	1	180
R304-centroid	4.495	2.73	1	180
R32-centroid	6.25	2.945	1	0
R34-centroid	0.27	2.15	1	0
R4-centroid	5.705	3.635	1	180

R400-centroid	3.036	0.728	1	0
R401-centroid	2.966	0.231	1	0
R402-centroid	2.966	0.3199	1	0
R403-centroid	4.4911	0.7016	1	180
R404-centroid	3.71	0.24	1	0
R405-centroid	3.71	0.443	1	0
R5-centroid	5.845	3.005	1	0
R6-centroid	5.71	2.92	1	180
R7-centroid	5.845	3.085	1	0
R8-centroid	5.71	3.16	1	180
R98-centroid	0.27	1.89	1	0
RL1-centroid	6.5497	3.155	1	180
RL10-centroid	5.99	3.475	1	180
RL11-centroid	5.99	3.705	1	0
RL12-centroid	5.92	2.81	1	180
RL13-centroid	5.92	2.885	1	0
RL2-centroid	6.5497	3.23	1	180
RL3-centroid	6.55	2.56	1	180
RL4-centroid	6.55	2.635	1	180
U10-centroid	4.8944	3.6261	1	90
U11-centroid	6.18	3.19	1	180
U12-centroid	6.18	2.595	1	180
U13-centroid	0.535	1.87	1	0
U14-centroid	0.535	2.13	1	0
U2-centroid	6.781	3.1853	1	180
U20-centroid	1.29348	0.36937	1	90
U21-centroid	1.29348	0.78039	1	90
U22-centroid	1.29348	1.19535	1	90
U23-centroid	1.28917	1.58638	1	90
U24-centroid	1.88792	0.36054	1	90
U25-centroid	1.88792	1.18652	1	90
U26-centroid	1.88792	0.77156	1	90
U27-centroid	2.432	0.6624	1	90
U28-centroid	2.432	0.287	1	90
U30-centroid	1.29348	3.59378	1	90
U31-centroid	1.29348	3.18512	1	90
U32-centroid	1.29348	2.76465	1	90
U33-centroid	1.29311	2.38165	1	90
U34-centroid	1.89191	3.60165	1	90
U35-centroid	1.89191	2.77252	1	90
U36-centroid	1.89191	3.19299	1	90
U37-centroid	2.431	3.126	1	90
U38-centroid	2.431	2.751	1	90
U4-centroid	6.7813	2.5982	1	180
U40-centroid	3.72915	1.41435	1	0
U41-centroid	2.447	1.134	1	90
U42-centroid	3.3088	0.4075	1	0
U43-centroid	5.24782	1.2068	1	90
U44-centroid	1.46291	1.97579	1	90
U5-centroid	5.03	3.15	1	180
U50-centroid	3.72915	3.12135	1	0
U51-centroid	2.45	3.562	1	90
U52-centroid	4.0792	0.4075	1	0
U53-centroid	5.24782	2.2441	1	90
U54-centroid	2.32028	1.96161	1	90
U6-centroid	5.465	3.49	1	180
U7-centroid	5.465	2.965	1	180
U8-centroid	1.89587	1.57504	1	90

U9-centroid	1.89075	2.34583	1	90
C10-centroid	6.065	2.47	2	270
C100-centroid	1.16047	0.41136	2	180
C101-centroid	1.1597	0.9092	2	180
C102-centroid	1.16047	1.31846	2	180
C103-centroid	1.15616	1.7107	2	180
C104-centroid	1.75247	0.50172	2	180
C105-centroid	1.7522	1.3108	2	180
C106-centroid	2.276	3.431	2	0
C107-centroid	2.312	0.763	2	180
C108-centroid	2.309	0.3893	2	180
C109-centroid	1.15991	3.62812	2	180
C110-centroid	1.15991	3.2342	2	180
C111-centroid	1.15991	2.79693	2	180
C112-centroid	1.15954	2.42615	2	180
C113-centroid	1.75651	3.64737	2	180
C115-centroid	1.75651	3.23211	2	180
C116-centroid	2.306	2.86	2	180
C117-centroid	2.307	3.2365	2	180
C121-centroid	5.845	3.005	2	0
C122-centroid	6.67	3.165	2	90
C123-centroid	6.805	3.03	2	180
C125-centroid	6.75	2.455	2	180
C128-centroid	5.92	2.81	2	180
C129-centroid	5.94	3.32	2	270
C13-centroid	7.085	2.71	2	180
C16-centroid	5.845	3.085	2	0
C17-centroid	7.0842	3.223	2	180
C18-centroid	7.085	2.63	2	180
C19-centroid	6.495	3.195	2	90
C2-centroid	6.065	3.06	2	270
C20-centroid	0.755	2.135	2	90
C201-centroid	3.1752	1.7788	2	180
C202-centroid	3.2973	0.8316	2	180
C203-centroid	3.7656	0.8621	2	90
C204-centroid	4.2791	1.5201	2	0
C205-centroid	3.909	3.694	2	270
C206-centroid	3.3009	0.7473	2	180
C207-centroid	3.94	1.96	2	270
C208-centroid	3.5054	1.9715	2	270
C209-centroid	3.1757	1.6993	2	180
C21-centroid	0.58	2.025	2	0
C210-centroid	3.8772	0.8621	2	90
C211-centroid	3.2666	1.9982	2	180
C212-centroid	3.951	1.663	2	0
C213-centroid	3.7122	1.10173	2	270
C214-centroid	3.9568	0.8628	2	90
C215-centroid	4.2791	1.5978	2	0
C216-centroid	4.2791	1.4419	2	0
C217-centroid	3.583	1.9715	2	270
C218-centroid	2.3094	1.2386	2	0
C219-centroid	2.3064	1.108	2	0
C220-centroid	2.325	0.985	2	0
C231-centroid	5.805	2.345	2	180
C232-centroid	0.965	2.39	2	180
C235-centroid	3.1752	1.8851	2	180
C236-centroid	3.1752	1.5016	2	180
C237-centroid	3.1752	1.4245	2	180

C238-centroid	3.144	0.977	2	90
C239-centroid	3.6861	0.8621	2	90
C24-centroid	6.51	3.355	2	180
C240-centroid	4.2791	0.9365	2	0
C241-centroid	4.2791	1.282	2	0
C242-centroid	4.2791	1.36	2	0
C243-centroid	4.2791	1.9166	2	0
C244-centroid	3.7345	1.9715	2	270
C245-centroid	4.2791	1.0207	2	0
C246-centroid	1.64	2.23	2	180
C247-centroid	1.65024	2.11614	2	180
C248-centroid	3.8141	1.9723	2	270
C249-centroid	3.94937	1.27677	2	180
C251-centroid	4.2791	1.8345	2	0
C252-centroid	4.2791	1.7526	2	0
C254-centroid	3.953	1.5	2	180
C255-centroid	3.953	1.388	2	180
C256-centroid	3.9533	1.1635	2	180
C257-centroid	3.93	1.76	2	0
C26-centroid	6.66	3.015	2	90
C29-centroid	6.49	2.6	2	90
C3-centroid	7.0842	3.302	2	180
C30-centroid	0.755	1.865	2	270
C302-centroid	3.2835	2.5322	2	180
C303-centroid	3.8762	2.5659	2	90
C304-centroid	3.735	1.375	2	270
C305-centroid	4.79	0.24	2	270
C306-centroid	4.2791	3.383	2	180
C307-centroid	4.2791	3.299	2	180
C308-centroid	4.2791	3.222	2	180
C309-centroid	4.2791	3.138	2	180
C31-centroid	0.58	1.95	2	0
C310-centroid	3.9051	3.383	2	0
C311-centroid	3.2316	3.6942	2	270
C312-centroid	3.48	3.5	2	180
C313-centroid	3.9879	3.694	2	270
C314-centroid	3.9544	2.5663	2	90
C315-centroid	4.0363	2.5636	2	90
C316-centroid	3.7595	2.5659	2	90
C317-centroid	3.5933	3.6942	2	270
C318-centroid	2.2764	3.7433	2	0
C319-centroid	2.2749	3.6194	2	0
C320-centroid	2.279	3.515	2	0
C330-centroid	1.9584	1.9289	2	90
C331-centroid	1.848	1.929	2	90
C335-centroid	3.1737	3.5789	2	180
C336-centroid	3.1741	3.19	2	180
C337-centroid	3.1723	3.0911	2	180
C338-centroid	3.144	2.677	2	90
C339-centroid	3.6621	2.5659	2	90
C34-centroid	6.39	2.825	2	90
C340-centroid	4.2791	2.6182	2	0
C341-centroid	4.2791	2.9742	2	0
C342-centroid	4.2791	3.0589	2	0
C343-centroid	4.2791	3.6224	2	0
C344-centroid	3.7417	3.687	2	270
C345-centroid	4.2791	3.5431	2	0
C346-centroid	3.918	3.494	2	180

C349-centroid	4.2791	2.697	2	0
C35-centroid	6.515	2.385	2	0
C350-centroid	3.56	3.29	2	270
C351-centroid	3.674	3.497	2	0
C352-centroid	4.2791	3.4605	2	0
C354-centroid	3.9178	3.2379	2	180
C355-centroid	3.9178	3.1268	2	180
C356-centroid	3.9178	3.0111	2	180
C357-centroid	3.9178	2.8934	2	180
C37-centroid	7.03	3.125	2	180
C38-centroid	7.035	2.53	2	180
C39-centroid	6.29	3.265	2	90
C40-centroid	6.29	2.67	2	90
C400-centroid	3.56	2.985	2	270
C401-centroid	3.903	0.376	2	180
C402-centroid	4.2518	0.39	2	0
C403-centroid	4.2518	0.2937	2	0
C404-centroid	4.2554	0.4936	2	0
C405-centroid	4.1326	0.5824	2	270
C406-centroid	3.4838	0.37	2	0
C407-centroid	3.4838	0.2891	2	0
C408-centroid	3.4838	0.4583	2	0
C409-centroid	3.36	0.58	2	270
C41-centroid	6.25	2.33	2	180
C410-centroid	3.1334	0.3781	2	180
C411-centroid	4.88	0.24	2	270
C42-centroid	6.25	2.945	2	180
C45-centroid	0.27	2.225	2	0
C46-centroid	0.27	2.15	2	0
C47-centroid	0.27	2.075	2	0
C48-centroid	6.285	3.47	2	0
C49-centroid	6.285	3.395	2	0
C50-centroid	6.775	2.935	2	180
C501-centroid	5.541	0.969	2	0
C502-centroid	5.392	0.914	2	90
C503-centroid	5.237	1.508	2	270
C504-centroid	5.54	1.418	2	0
C505-centroid	4.953	1.234	2	180
C510-centroid	5.234	0.912	2	90
C511-centroid	5.541	1.19	2	0
C512-centroid	5.393	1.508	2	270
C513-centroid	4.954	1.442	2	180
C514-centroid	4.955	0.971	2	180
C516-centroid	4.83	1.125	2	180
C517-centroid	5.263	1.347	2	180
C54-centroid	6.54	2.975	2	0
C55-centroid	0.27	1.89	2	0
C551-centroid	5.538	2.01	2	0
C552-centroid	5.231	1.953	2	90
C553-centroid	5.23	2.545	2	270
C554-centroid	5.54	2.455	2	0
C555-centroid	4.955	2.255	2	180
C56-centroid	0.27	1.81	2	0
C560-centroid	5.388	1.95	2	90
C561-centroid	5.536	2.227	2	0
C562-centroid	5.388	2.546	2	270
C563-centroid	4.954	2.482	2	180
C564-centroid	4.955	2.013	2	180

C566-centroid	4.825	2.165	2	180
C567-centroid	5.262	2.379	2	180
C57-centroid	5.92	2.73	2	0
C58-centroid	6.58	2.28	2	0
C59-centroid	0.27	1.97	2	0
C605-centroid	5.995	2.01	2	180
C606-centroid	6.3	1.895	2	0
C608-centroid	6.3	1.775	2	0
C61-centroid	5.54	1.745	2	180
C610-centroid	6.595	2.065	2	180
C611-centroid	6.252	2.068	2	0
C614-centroid	6.625	1.76	2	270
C615-centroid	6.725	1.79	2	270
C616-centroid	6.595	1.99	2	180
C617-centroid	6.256	1.991	2	0
C620-centroid	5.97	1.285	2	270
C621-centroid	6.08	1.305	2	270
C622-centroid	6.565	1.475	2	180
C623-centroid	6.322	1.635	2	0
C624-centroid	6.675	1.29	2	180
C625-centroid	6.725	1.43	2	90
C63-centroid	1.81559	1.46102	2	0
C630-centroid	6.3	1.37	2	0
C631-centroid	6.595	1.57	2	180
C632-centroid	6.325	1.475	2	0
C633-centroid	6.324	1.557	2	0
C68-centroid	1.81197	2.2374	2	0
C69-centroid	1.555	2.545	2	90
C7-centroid	6.585	2.6	2	90
C70-centroid	1.555	3.575	2	90
C71-centroid	1.555	0.405	2	90
C72-centroid	1.555	1.565	2	90
C74-centroid	2.6037	3.743	2	0
C75-centroid	2.59	3.38	2	0
C76-centroid	0.32	1.685	2	0
C77-centroid	0.9408	1.8	2	0
C79-centroid	5.242	2.148	2	180
C8-centroid	6.5797	3.195	2	90
C80-centroid	5.92	2.885	2	180
C82-centroid	5.99	3.705	2	0
C87-centroid	5.49	3.755	2	180
C88-centroid	5.243	1.251	2	180
C89-centroid	5.48	3.225	2	180
C9-centroid	6.5	2.77	2	180
C90-centroid	5.243	1.086	2	180
C97-centroid	6.505	2.86	2	180
C99-centroid	2.552	0.999	2	0
FB11-centroid	4.8	1.23	2	180
FB13-centroid	4.795	2.26	2	180
FB21-centroid	6.565	1.4	2	180
FB23-centroid	6.595	1.91	2	180
R10-centroid	5.095	3.175	2	0
R100-centroid	1.7565	3.0701	2	180
R101-centroid	2.027	3.07161	2	0
R102-centroid	2.027	3.31611	2	0
R103-centroid	1.75651	3.31611	2	180
R104-centroid	2.309	2.995	2	180
R105-centroid	2.5458	2.9997	2	0

R106-centroid	2.5694	3.2333	2	0
R109-centroid	0.955	1.94	2	0
R11-centroid	5.035	3.605	2	180
R110-centroid	0.92	2.23	2	0
R12-centroid	5.035	3.685	2	180
R16-centroid	6.41	2.6	2	270
R24-centroid	6.42	3.195	2	270
R25-centroid	7.02	3.38	2	0
R26-centroid	7.02	2.785	2	0
R35-centroid	1.1605	0.2466	2	180
R36-centroid	1.42726	0.24601	2	0
R37-centroid	1.42726	0.49271	2	0
R38-centroid	1.16047	0.49271	2	180
R39-centroid	1.1605	0.6572	2	180
R40-centroid	1.42726	0.65658	2	0
R41-centroid	1.42726	0.90456	2	0
R42-centroid	1.1589	0.8308	2	180
R43-centroid	1.175	1.085	2	180
R44-centroid	1.415	1.085	2	0
R45-centroid	1.42726	1.31846	2	0
R46-centroid	1.16047	1.22167	2	180
R47-centroid	1.15619	1.46121	2	180
R48-centroid	1.42294	1.46276	2	0
R49-centroid	1.42294	1.70991	2	0
R50-centroid	1.15569	1.62421	2	180
R51-centroid	1.7525	0.2404	2	180
R52-centroid	2.02107	0.23629	2	0
R53-centroid	2.02107	0.49463	2	0
R54-centroid	1.7515	0.4229	2	180
R55-centroid	1.7525	1.0797	2	180
R56-centroid	2.02107	1.08361	2	0
R57-centroid	2.02107	1.30408	2	0
R58-centroid	1.761	1.2334	2	180
R59-centroid	2.303	0.178	2	180
R60-centroid	2.5752	0.1814	2	0
R602-centroid	6.513	1.792	2	90
R61-centroid	2.579	0.39	2	0
R612-centroid	6.509	1.284	2	90
R62-centroid	1.7525	0.6647	2	180
R63-centroid	2.02107	0.66471	2	0
R64-centroid	2.02107	0.88518	2	0
R65-centroid	1.75247	0.90172	2	180
R66-centroid	2.304	0.547	2	180
R67-centroid	2.582	0.548	2	0
R68-centroid	2.5821	0.7636	2	0
R69-centroid	0.615	2.15	2	90
R70-centroid	1.1599	3.4695	2	180
R71-centroid	1.4263	3.47131	2	0
R72-centroid	1.42	3.705	2	0
R73-centroid	1.185	3.715	2	180
R74-centroid	1.1599	3.0616	2	180
R75-centroid	1.4263	3.06308	2	0
R76-centroid	1.4263	3.30911	2	0
R77-centroid	1.1607	3.3146	2	180
R78-centroid	1.1599	2.6403	2	180
R79-centroid	1.4263	2.63932	2	0
R80-centroid	1.4263	2.8882	2	0
R81-centroid	1.15991	2.88904	2	180



R82-centroid	1.15953	2.25764	2	180
R83-centroid	1.42593	2.25877	2	0
R84-centroid	1.42593	2.50536	2	0
R85-centroid	1.15954	2.50535	2	180
R86-centroid	1.7565	3.477	2	180
R87-centroid	2.027	3.47712	2	0
R88-centroid	2.027	3.71949	2	0
R89-centroid	1.75651	3.7255	2	180
R9-centroid	5.1	3.07	2	0
R90-centroid	1.7565	2.6462	2	180
R91-centroid	1.96394	2.65748	2	0
R92-centroid	2.027	2.89541	2	0
R93-centroid	1.765	2.885	2	180
R94-centroid	2.3123	2.6317	2	180
R95-centroid	2.5573	2.6317	2	0
R96-centroid	2.5623	2.8517	2	0
R99-centroid	0.625	1.845	2	90