

**Transceiver Adjustments/Tune-Up Procedure**

There are no user accessible adjustments or tuning in this portable cellular transceiver. All necessary adjustments and tuning are performed during manufacture of the product. Any adjustments or tuning after service or repair are done as part of that process as special equipment is required to perform such adjustments.

Reference	Part Number	Value
A900	3989013L02	CONTACT
C1001	2113743N40	39pF
C1002	2113743N40	39pF
C1003	2113928P04	1.0uF
C1004	2113928P04	1.0uF
C1005	2113743E20	0.1uF
C1006	2113928N01	0.1uF
C1008	2311049D03	22uF
C1009	2113928C04	4.7uF
C101	2113743L17	1000pF
C1010	2113743L31	3900pF
C1011	2113743L41	.01uF
C1012	2113928K09	10uF
C1013	2113743N40	39pF
C1014	2113743N40	39pF
C102	2113743L17	1000pF
C1021	2113743M24	0.1uF
C1022	2113743N40	39pF
C1024	2113743N40	39pF
C1025	2113743M24	0.1uF
C1026	2113743E10	.033uF
C1027	2113743M24	0.1uF
C1028	2113743L23	1800pF
C1031	2113743N40	39pF
C1032	2113743N40	39pF
C1033	2113743N40	39pF
C1034	2113743N40	39pF
C1035	2113743N40	39pF
C1036	2113743N40	39pF
C1037	2113743L05	330pF
C1038	2113928C04	4.7uF
C1039	2113743N40	39pF
C104	2113743L17	1000pF
C1040	2113928P04	1.0uF
C1041	2113743N40	39pF
C1043	2113743M24	0.1uF
C1044	2113928P04	1.0uF
C1045	2113743L41	.01uF
C1046	2311049A65	22uF
C1048	2113928C04	4.7uF
C1049	2113743M24	0.1uF
C105	2113743L17	1000pF
C1050	2113743M24	0.1uF
C1051	2113743M24	0.1uF
C1052	2113743M24	0.1uF
C1054	2113743M24	0.1uF
C1055	2113928K09	10uF
C1056	2113928K09	10uF
C1058	2113743N38	33pF
C1059	2113743M24	0.1uF
C106	2113743L17	1000pF
C1062	2113928C04	4.7uF

C1064	2113928C04	4.7uF
C1065	2113743N38	33pF
C1066	2113743M24	0.1uF
C1067	2113743M24	0.1uF
C1068	2113743N30	15pF
C1069	2113743N30	15pF
C1070	2113743M24	0.1uF
C1071	2113743M24	0.1uF
C1072	2113743M24	0.1uF
C1073	2113743M24	0.1uF
C1074	2113743M24	0.1uF
C1075	2113743M24	0.1uF
C1076	2113743M24	0.1uF
C1077	2113743M24	0.1uF
C1078	2113743M24	0.1uF
C1079	2113743M24	0.1uF
C1080	2113743M24	0.1uF
C1081	2113743M24	0.1uF
C1082	2113743L41	.01uF
C1083	2113743N30	15pF
C1084	2113928C04	4.7uF
C1085	2113928C04	4.7uF
C1086	2113743N38	33pF
C1087	2113928P04	1.0uF
C1088	2113928C13	10uF
C1089	2113928P04	1.0uF
C109	2113743L17	1000pF
C1090	2113928C13	10uF
C1092	2113928P04	1.0uF
C1093	2113928C12	10uF
C1095	2113928C12	10uF
C1096	2113928C12	10uF
C1098	2113928C12	10uF
C110	2113743L41	.01uF
C111	2109445U11	2.2pF
C1110	2113928C04	4.7uF
C1111	2113928C04	4.7uF
C1112	2113743L41	.01uF
C1113	2113743N40	39pF
C1114	2113743N40	39pF
C1115	2113743N40	39pF
C1116	2113743N40	39pF
C1117	2113928K09	10uF
C1118	2113743L41	.01uF
C1119	2113743L41	.01uF
C1120	2113928K09	10uF
C1121	2113928K09	10uF
C1124	2113743N40	39pF
C113	2113743L17	1000pF
C1539	2113743N50	100pF
C1547	2113743L41	.01uF
C1548	2113743N16	3.9pF
C1549	2113743L15	820pF

C1550	2113743L09	470pF
C1553	2113928N01	0.1uF
C1554	2113743N40	39pF
C1600	2113928C04	4.7uF
C200	2113743N50	100pF
C2000	2113928P04	1.0uF
C201	2113743L41	.01uF
C202	2113743N10	2.2pF
C204	2113743N13	3pF
C205	2113743N13	3pF
C209	2113743L41	.01uF
C210	2113743N50	100pF
C211	2113743N28	12pF
C212	2113743N07	1.5pF
C213	2113743L41	.01uF
C214	2113743N50	100pF
C224	2113743N26	10pF
C225	2113743N28	12pF
C226	2113743N13	3pF
C300	2113743N28	12pF
C301	2113743N07	1.5pF
C302	2113743N26	10pF
C303	2113743N28	12pF
C304	2113928N01	0.1uF
C305	2113743N50	100pF
C306	2113743N13	3pF
C307	2113743N50	100pF
C400	2113743E03	.015uF
C401	2113928N01	0.1uF
C402	2113928C04	4.7uF
C403	2113743N20	5.6pF
C404	2113743N40	39pF
C405	2113928N01	0.1uF
C406	2113928N01	0.1uF
C407	2113928N01	0.1uF
C408	2113743N50	100pF
C409	2113743L17	1000pF
C410	2113743N28	12pF
C411	2113928N01	0.1uF
C412	2113743N46	68pF
C413	2113743N28	12pF
C414	2113743L21	1500pF
C415	2113928N01	0.1uF
C416	2113743L41	.01uF
C417	2113928C04	4.7uF
C418	2113743L41	.01uF
C419	2113743N50	100pF
C421	2113928N01	0.1uF
C422	2113743N28	12pF
C423	2113743L41	.01uF
C424	2113928P04	1.0uF
C425	2113743N30	15pF
C426	2113743L17	1000pF

C427	2113743L33	4700pF
C428	2113743L05	330pF
C429	2113743N21	6.2pF
C430	2113928N01	0.1uF
C431	2113743N29	13pF
C432	2113928N01	0.1uF
C433	2113928N01	0.1uF
C434	2113928N01	0.1uF
C435	2113743N50	100pF
C437	2113743L17	1000pF
C440	2113743L01	220pF
C441	2113928N01	0.1uF
C442	2113743L25	2200pF
C444	2113743L09	470pF
C445	2113743E12	.047uF
C446	2113743L17	1000pF
C450	2113928N01	0.1uF
C452	2113928N01	0.1uF
C454	2113928N01	0.1uF
C455	2113743N03	1pF
C456	2113743L41	.01uF
C457	2113928N01	0.1uF
C501	2113743L41	.01uF
C502	2113743N40	39pF
C600	2113743L41	.01uF
C602	2113743L41	.01uF
C603	2113743N50	100pF
C605	2113743N50	100pF
C608	2113743N50	100pF
C609	2113743N30	15pF
C611	2113743N30	15pF
C613	2113743N30	15pF
C614	2113743N50	100pF
C616	2113743N24	8.2pF
C618	2113743N20	5.6pF
C622	2104801Z09	1.3pF
C623	2113743N50	100pF
C624	2113743N36	27pF
C633	2104801Z23	5.1pF
C634	2113743N50	100pF
C635	2113743N50	100pF
C636	2113743L17	1000pF
C637	2113743N30	15pF
C638	2113743L17	1000pF
C639	2113743L41	.01uF
C700	2104801Z21	4.3pF
C702	2113743N50	100pF
C703	2113743L41	.01uF
C704	2113743N50	100pF
C706	2113743N50	100pF
C711	2113743N50	100pF
C712	2113743N50	100pF
C713	2113743L41	.01uF

C714	2113743N16	3.9pF
C715	2113743N07	1.5pF
C716	2113743L41	.01uF
C717	2113743N10	2.2pF
C718	2113743N50	100pF
C719	2113743N50	100pF
C720	2113743N10	2.2pF
C721	2113743N50	100pF
C722	2113743N50	100pF
C723	2113743N50	100pF
C724	2113743N19	5.1pF
C725	2113743N03	1pF
C726	2113743N50	100pF
C727	2113743N30	15pF
C729	2113743L41	.01uF
C732	2104801Z10	1.5pF
C733	2113743N24	8.2pF
C734	2104801Z01	0.5pF
C800	2113743N50	100pF
C801	2113743N50	100pF
C802	2113743N50	100pF
C803	2113743N50	100pF
C804	2113743N50	100pF
C805	2113743N50	100pF
C806	2113743N50	100pF
C807	2113743N50	100pF
C808	2113743N50	100pF
C810	2113743N50	100pF
C811	2113743N50	100pF
C813	2113743N50	100pF
C907	2113743N50	100pF
C913	2113743N40	39pF
C914	2113743N40	39pF
C915	2113743N40	39pF
C917	2113743N40	39pF
C918	2113743N40	39pF
CPL600	5888581K01	LDC15H
CPL601	5888583K01	LDC15H
CR1000	4809653F07	MBRM120ET3
CR1001	4809606E05	HSMS2805
CR1002	4809606E07	DAN221T
CR1006	4809924D18	RB520S-30
CR1007	4809653F07	MBRM120ET3
CR1009	4809606E07	DAN221T
CR1010	4809924D18	RB520S-30
CR1011	4809924D18	RB520S-30
CR1012	4809606E07	DAN221T
CR400	4809877C08	1SV279
CR401	4809877C08	1SV279
CR600	4809924D16	HSMS282K
E401	2487996L01	EXCML45A
FL100	9109405J07	05J07
FL1002	4809606E12	EMIF11

FL200	9103913K16	13K16
FL601	9103913K16	13K16
FL700	9103917K07	DSF334SAF
FL701	9103913K04	13K04
FL702	9185861J03	MDR660
FL800	9109170T04	855904
FL801	9185861J03	MDR660
J1000	0987636K06	CONN J
J1001	0987837L04	CONN J
J1002	3989576K01	CONTACT
J1003	3989577K01	MIC BRACKET
J1004	PT09BTNA33	CONN J
J1005	3988488L01	CONTACT
J1006	3988488L01	CONTACT
J1007	3989576K01	CONTACT
J1008	3989576K01	CONTACT
L100	2409646M98	100nH
L1000	2409646M13	39nH
L1001	2589584K14	47uH
L1002	2409154M75	100nH
L101	2409646M21	68.0nH
L200	2409154M14	12.0nH
L201	2409154M14	12.0nH
L202	2409154M06	2.7nH
L203	2409154M03	1.5nH
L204	2404574Z09	100nH
L206	2409154M12	8.2nH
L207	0662057M01	0
L208	0662057M01	0
L209	2409154M17	22.0nH
L300	2409154M08	3.9nH
L301	2409154M14	12.0nH
L401	2409154M75	100nH
L402	2409377M16	82nH
L403	2485793G11	39nH
L404	2413926D24	120nH
L406	2409134J27	100mH
L501	2409154M99	82.0nH
L600	2409154M03	1.5nH
L602	2409154M12	8.2nH
L610	2409154M18	27.0nH
L611	2409154M06	2.7nH
L612	2409154M13	10.0nH
L700	2413926D27	220nH
L701	2413926D24	120nH
L702	2413926D24	120nH
L703	2409154M10	5.6nH
L704	2409154M12	8.2nH
L705	2409154M05	2.2nH
L706	2409154M03	1.5nH
L707	2413926D27	220nH
L708	2413926D29	330nH
L709	2409154M06	2.7nH

L903	2409154M64	12.0nH
L904	2409154M21	47.0nH
L905	2409154M62	8.2nH
L906	2409154M99	82.0nH
M1	0987378K01	SWITCH
M1000	3986666K01	CONTACT
M1001	5987772L01	MOTOR
Q100	4805793Y01	NE68519
Q1000	4809579E29	SI3443
Q1001	4809579E49	SI6467DQ
Q1002	4809939C39	EMD9
Q1003	4809579E29	SI3443
Q1004	4809579E29	SI3443
Q1005	4813824A17	MMBT3906
Q1006	4809579E29	SI3443
Q101	4805793Y01	NE68519
Q102	4809939C38	EMC2
Q400	4809579E24	2SJ347
Q402	4809939C37	12pF
Q404	4809579E30	HN1K02
Q500	4809939C39	EMD9
Q801	4809939C38	EMC2
Q802	4809939C38	10K
Q803	4809939C38	EMC2
Q905	4809939C37	EMH9
R1001	0662057M30	15
R1002	0662057M30	15
R1003	0662057M78	1.5K
R1004	0662057M74	1K
R1005	0662057N15	47K
R1006	0662057N33	270K
R1007	0662057M74	1K
R1008	0662057M50	100
R1009	0662057M90	4.7K
R101	0662057M80	1.8K
R1010	0662057M98	10K
R1011	0662057N06	20K
R1012	0662057N34	300K
R1013	0662057M46	68
R1014	0662057M98	10K
R1016	0662057M90	4.7K
R1017	0662057N19	68K
R1018	0662057M98	10K
R102	0662057M74	1K
R1021	0662057N15	47K
R1022	0662057N03	15K
R1023	0662057M88	3.9K
R1024	0662057M50	100
R1025	0662057N07	22K
R1026	0662057M34	22
R1027	0662057M34	22
R1028	0662057M68	560
R1029	0662057N07	22K



R1030	0662057M01	0
R1031	0662057M74	1K
R1032	0662057M01	0
R1034	0662057M90	4.7K
R1036	0662057N15	47K
R1038	0662057M92	5.6K
R1039	0662057M98	10K
R1040	0662057N32	240K
R1041	0687874L01	.24
R1046	0662057M01	0
R1047	0662057V17	39K
R1048	0662057M98	10K
R1050	0662057M98	10K
R1051	0662057M50	100
R1052	0662057M01	0
R1053	0662057M19	5.1
R1056	0662057M74	1K
R1058	0662057M74	1K
R1060	0662057M98	10K
R1062	0662057M02	1
R107	0662057M46	68
R108	0662057M74	1K
R109	0662057M32	18
R1091	0662057M02	1
R110	0662057M77	1.3K
R111	0662057M66	470
R1833	0662057M01	0
R1838	0662057M01	0
R200	0662057M64	390
R2000	0662057N14	43K
R2001	0662057N03	15K
R2002	0662057M81	2K
R307	0662057M02	1
R308	0662057M28	12
R400	0662057M80	1.8K
R401	0662057M69	620
R402	0662057M93	6.2K
R403	0662057M98	10K
R407	0662057N11	33K
R409	0662057M32	18
R410	0662057M26	10
R412	0662057M01	0
R415	0609591M49	100K
R419	0662057N18	62K
R420	0662057N13	39K
R422	0662057M50	100
R425	0662057M01	0
R429	0662057M26	10
R430	0662057M26	10
R432	0662057M26	10
R441	0662057M01	0
R467	0662057M94	6.8K
R469	0662057M88	3.9K

R471	0662057N23	100K
R499	0609591M49	100K
R500	0662057N21	82K
R607	0662057M86	3.3K
R611	0662057M01	0
R698	0662057M01	0
R699	0662057M01	0
R701	0662057M01	0
R703	0662057M98	10K
R705	0662057N09	27K
R801	0662057N15	47K
R802	0662057N15	47K
R803	0662057N15	47K
R906	0609591M45	47K
R907	0662057M01	0
R911	0662057M01	0
R912	0662057M01	0
SH1000	2688288M01	SHIELD
SH200	2687932M01	SHIELD
SH301	2687934M01	SHIELD
SH302	2687934M01	SHIELD
SH3100	2688287M01	SHIELD
SH400	2687936M01	SHIELD
SH401	2687932M01	SHIELD
SH600	2687938M01	SHIELD
SH700	2687934M01	SHIELD
SH701	2687935M01	SHIELD
U100	5887694L19	EXB24ATG
U1000	5109509A36	KM616FR4010
U1001	5199494A01	28F320W18
U1002	5195015D20	5195015D20
U1004	5109817F58	17F58
U1006	5109731C32	MC33645
U1007	5109817F27	LM2665
U1008	5185355C12	LP2981AIMX-2_8
U1009	5185355C12	LP2981AIMX-2_8
U200	5109879E53	RF2643B
U300	5109730C30	RF2362
U301	5109730C31	RF2361
U302	5887694L06	EXB24AT3
U303	5887694L06	EXB24AT3
U3142	5109879E93	GCAP3
U400	5109879E85	79E85
U401	4809283D57	MQK83D57
U403	4809443R08	XTAL
U404	4809283D55	83D55
U405	5185963A60	LMC7101BIM5X
U406	5109817F62	NC7SB3157
U600	5109730C43	RF9157
U601	5109730C44	RF9158
U603	5887694L06	EXB24AT3
U604	5887694L06	EXB24AT3
U700	5109944C43	MC13748

U800	5109572E38	AC 717
U801	5109572E43	3.9pF
VR1996	4809948D18	SMS05
VR1997	4805656W03	MMBZ5V6
VR1998	4805656W03	MMBZ5V6
Y1000	4809995L08	95L08