

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.

PART LIST

Reference Symbol	Part Number	Description
C120	2113743N03	CAP-1pF
C121	2113743N16	CAP-3.9pF
C122	2113743N16	CAP-3.9pF
C130	2113743N03	CAP-1pF
C131	2113743N38	CAP-33.p
C132	2113743N38	CAP-33.p
C133	2311049A76	CAPP-2.2u
C134	2113928C04	CAP-4.7u
C135	2113743N40	CAP-39.p
C136	2113743N40	CAP-39.p
C145	2113743L50	CAP-33.n
C150	0809084T43	CAP-8200pF
C151	2113743L13	CAP-680.p
C152	2113743L05	CAP-330.p
C153	2113743L11	CAP-560.p
C154	2113743L21	CAP-1.5n
C155	0809084T43	CAP-8200pF
C156	2113743N24	CAP-8.2p
C157	2113743N54	CAP-150.p
C158	2113743N26	CAP-10.p
C159	2113743N52	CAP-120.p
C160	2113743N42	CAP-47.p
C175	2113743N40	CAP-39.p
C176	2113743L41	CAP-.01uF
C177	2113743N40	CAP-39pF
C178	2113928C03	CAP-1.0uF
C179	2113743N40	CAP-39.p
C301	2113743N40	CAP-39.p
C302	2113743N40	CAP-39.p
C309	2113743F18	CAP-2.2uF
C314	2113743F18	CAP-2.2uF
C330	2113743N26	CAP-10.p
C331	2113743L17	CAP-1.n
C333	2113743N40	CAP-39.p
C334	2113743N40	CAP-39.p
C600	2113928N01	CAP-100.n
C701	2113743L41	CAP-.01uF
C705	2113743L41	CAP-.01uF
C801	2113928C03	CAP-1.0uF

C802	2113928C03	CAP-1.0uF
C803	2113928C03	CAP-1.0uF
C804	2113928N01	CAP-100.n
C805	2113928C03	CAP-1.0uF
C806	2113743L41	CAP-.01uF
C807	2113743L41	CAP-.01uF
C808	2113928N01	CAP-100n
C809	2113928N01	CAP-100n
C810	2113928N01	CAP-100.n
C811	2113928N01	CAP-100.n
C812	2113928N01	CAP-100.n
C813	2113928N01	CAP-100.n
C814	2113928C04	CAP-4.7uF
C815	2113743L41	CAP-.01uF
C816	2113928N01	CAP-100.n
C820	2113743N40	CAP-39.p
C821	2113928N01	CAP-100n
C822	2113928C12	CAP-10.u
C823	2113743L41	CAP-.01uF
C825	2113743M24	CAP-100.n
C826	2113743M24	CAP-100.n
C827	2113928C03	CAP-1.0uF
C828	2113743L41	CAP-.01uF
C900	2113743N30	CAP-15pF
C901	2113743N30	CAP-15pF
C904	2113928N01	CAP-100.n
C905	2113743N41	CAP-43pF
C906	2113743N41	CAP-43pF
C907	2113928N01	CAP-100.n
C908	2113928N01	CAP-100.n
C909	2113928C04	CAP-4.7uF
C910	2113928C04	CAP-4.7uF
C915	2113928N01	CAP-100.n
C916	2113928N01	CAP-0.1uF
C917	2113928P04	CAP-1.0uF
C919	2113743N40	CAP-39pF
C920	2113743N40	CAP-39pF
C921	2113928C04	CAP-4.7uF
C922	2113928C04	CAP-4.7uF
C924	2113743N40	CAP-39p
C925	2113743N40	CAP-39p
C926	2113743L21	CAP-1500pF
C927	2113928N01	CAP-100.n

C928	2113743N26	CAP-10.p
C930	2113928A02	CAP-0.47u
C931	2113928N01	CAP-100.n
C932	2113928N01	CAP-100.n
C933	2113928C04	CAP-4.7uF
C934	2113928C04	CAP-4.7uF
C935	2113743N26	CAP-10.p
C936	2113928N01	CAP-100.n
C938	2113928N01	CAP-100.n
C943	2113928N01	CAP-100.n
C944	2113743L21	CAP-1500pF
C945	2113928C04	CAP-4.7uF
C948	2113928C12	CAP-10uF
C949	2113928C12	CAP-10uF
C951	2113743M24	CAP-100n
C953	2113928C03	CAP-1.0uF
C956	2113743L41	CAP-10.n
C957	2113743N40	CAP-39p
C958	2113928N01	CAP-100.n
C959	2113928N01	CAP-100.n
C960	2113743N42	CAP-47.p
C961	2113743N26	CAP-10.p
C962	2113743N26	CAP-10.p
C963	2113743L41	CAP-10.n
C964	2113743N40	CAP-39.p
C965	2113743N40	CAP-39.p
C967	2113743N40	CAP-39.p
C969	2113743N40	CAP-39.p
C970	2113743N40	CAP-39.p
C971	2113743N40	CAP-39.p
C972	2113743N40	CAP-39.p
C974	2113743N24	CAP-8.2p
C975	2113743N24	CAP-8.2p
C976	2113743N24	CAP-8.2p
C977	2113743N40	CAP-39.p
C978	2113743N40	CAP-39.p
FL130	9109474K02	74K02
L121	2409154M40	IDCTR-22.0nH
L131	2409154M40	IDCTR-22.0nH
L132	2409154M42	IDCTR-33n
L133	2409154M42	IDCTR-33n
L151	2409154M36	IDCTR-10.0nH
L152	2489970L37	IDCTR-270nH

L947	2113743Q07	CAP-1.5p
L948	2409154M20	IDCTR-39n
Q1	4809939C05	UMC5NTL
Q2	4809939C05	UMC5NTL
Q3	4809579A42	HN1K02
R150	0662057M70	RES-680.
R151	0662057M78	RES-1.5K
R152	0662057M66	RES-470.
R153	0662057M50	RES-100.
R154	0662057M64	RES-390.
R155	0662057N19	RES-68.K
R301	0662057M65	RES-430.0
R302	0662057M01	RES-0.
R303	0662057M65	RES-430.0
R304	0662057M65	RES-430.0
R305	0662057M01	RES-0.
R306	0662057M65	RES-430.0
R310	0687578N09	THERM-470
R311	0662057M81	RES-2.K
R312	0662057M01	RES-0.
R313	0662057M72	RES-820.
R601	0662057M78	RES-1.5K
R602	0662057U39	RES-33.
R605	0662057U39	RES-33.
R701	0662057M01	RES-0
R702	0662057M01	RES-0
R707	0662057M01	RES-0
R710	0662057N15	RES-47K
R711	0662057M01	RES-0
R712	0662057M01	RES-0
R800	0662057M92	RES-5.6K
R801	0662057M92	RES-5.6K
R803	0662057M01	RES-0.
R805	0662057M98	RES-10K
R806	0662057M92	RES-5.6K
R810	0662057M74	RES-1.K
R903	0662057W13	RES-3.3
R904	0662057M57	RES-200.
R906	0662057N31	RES-220.K
R911	0662057M90	RES-4.7K
R912	0662057N33	RES-270.K
R916	0662057M90	RES-4.7K
R917	0662057N01	RES-12.K

R919	0662057M01	RES-0.
R922	0662057M01	RES-0.
R924	0662057M90	RES-4.7K
R927	0662057N15	RES-47K
R928	0662057M98	RES-10K
R939	0662057N15	RES-47K
R940	0662057N15	RES-47.K
R941	0662057N15	RES-47.K
R944	0662057N10	RES-30K
R949	0662057N15	RES-47.K
R963	0662057N47	RES-1MEG
R964	0662057M92	RES-5.6K
R965	2113743Q07	CAP-1.5p
R967	0662057M01	RES-0.
R969	0662057M01	RES-0.
R972	0662057M01	RES-0
R973	0662057M01	RES-0.
R975	0662057N23	RES-100.K
R976	0662057M01	RES-0.
R982	0662057M01	RES-0.
R983	0662057M01	RES-0.
RT900	0685660C01	RES-47.K
SH1	2687523V06	SHIELD
SH2	2687523V04	SHIELD
SH3	2687523V03	SHIELD
SH4	2687523V01	SHIELD
U150	5109923D60	VLC40_49PIN
U300	5189227L01	27L01
U600	5187970L15	ISP1104
U701	5199491A01	28F640W18
U705	5109509A43	K6F8016U6A
U901	5186311J23	NC7SZ126L6X
U902	4889526L03	FLTR
U903	5186311J23	NC7SZ126L6X
U904	5186311J23	NC7SZ126L6X
U905	5186311J23	NC7SZ126L6X
U906	2409154M42	IDCTR-33n
VR1	4886182U05	UMZ6.8EN
Y900	4809995L08	95L08
Y901	4809612J43	XTAL