

TRANSCEIVER ADJUSTMENTS/TUNE-UP PROCEDURE

There are no user adjustments or tuning in this mobile telematics transceiver.

REFERENCE SYMBOL	PART NUMBER	DESCRIPTION	VALUE
C10	2155168Q40	CAP	39pF
C103	2155168B22	CAP	6.8pF
C104	2155168G40	CAP	39pF
C105	2155168B20	CAP	5.6pF
C106	2155169H09	CAP	1000pF
C107	2155168G40	CAP	39pF
C108	2155169H09	CAP	1000pF
C109	2155168B02	CAP	1pF
C11	2155168K22	CAP	6.8pF
C110	2155169H09	CAP	1000pF
C111	2155168G40	CAP	39pF
C112	2155168G40	CAP	39pF
C113	2155169H21	CAP	.01uF
C114	2155169H09	CAP	1000pF
C115	2155169H09	CAP	1000pF
C118	2155169H09	CAP	1000pF
C119	2155169H09	CAP	1000pF
C12	2155169Q34	CAP	0.1uF
C120	2155168G50	CAP	100pF
C121	2155169H09	CAP	1000pF
C122	2155169H09	CAP	1000pF
C123	2155169H09	CAP	1000pF
C125	2155168G50	CAP	100pF
C126	2155168G50	CAP	100pF
C127	2155169H09	CAP	1000pF
C128	2155169H09	CAP	1000pF
C129	2155168B18	CAP	4.7pF
C140	2155168G50	CAP	100pF
C141	2155169H09	CAP	1000pF
C142	2155168B18	CAP	4.7pF
C143	2155169H09	CAP	1000pF
C144	2155169H09	CAP	1000pF
C145	2155168B12	CAP	2.7pF
C146	2155168B02	CAP	1pF
C147	2155168G28	CAP	12pF
C150	2155168G40	CAP	39pF
C151	2113928N01	CAP	0.1uF
C152	2113928P04	CAP	1.0uF
C154	2155169H09	CAP	1000pF
C156	2155169H09	CAP	1000pF
C157	2113928P04	CAP	1.0uF
C158	2113928N01	CAP	0.1uF
C160	2155168G50	CAP	100pF
C161	2113928N01	CAP	0.1uF
C162	2113743K16	CAP	0.22uF
C163	2155168G50	CAP	100pF
C164	2155168G50	CAP	100pF
C165	2155168B22	CAP	6.8pF

C168	2155169H09	CAP	1000pF
C169	2155168G40	CAP	39pF
C170	2155169H09	CAP	1000pF
C171	2155168G34	CAP	22pF
C172	2155168G32	CAP	18pF
C173	2155168B24	CAP	8.2pF
C174	2155168K14	CAP	3.3pF
C175	2113928P04	CAP	1.0uF
C177	2155168Q28	CAP	12pF
C178	2155169L09	CAP	1000pF
C201	2155169C01	CAP	220pF
C202	2155168G50	CAP	100pF
C203	2155169C01	CAP	220pF
C204	2155169H09	CAP	1000pF
C207	2155168G40	CAP	39pF
C208	2155168G40	CAP	39pF
C209	2155168G50	CAP	100pF
C210	2155169H09	CAP	1000pF
C211	2155168B19	CAP	5.1pF
C214	2155168G32	CAP	18pF
C215	2155168B19	CAP	5.1pF
C216	2155168B12	CAP	2.7pF
C217	2155169H09	CAP	1000pF
C218	2155169H09	CAP	1000pF
C220	2155168G50	CAP	100pF
C221	2113928N01	CAP	0.1uF
C223	2155169D15	CAP	3300pF
C224	2155169C05	CAP	470pF
C225	2155168G50	CAP	100pF
C226	2155169H09	CAP	1000pF
C227	2155168G40	CAP	39pF
C228	2155168G42	CAP	47pF
C232	2155168G50	CAP	100pF
C233	2155168B09	CAP	2pF
C250	2113928N01	CAP	0.1uF
C251	2113928P04	CAP	1.0uF
C252	2155168G28	CAP	12pF
C253	2113928C04	CAP	4.7uF
C254	2155169H09	CAP	1000pF
C255	2155169H09	CAP	1000pF
C256	2155168G50	CAP	100pF
C257	2155169H09	CAP	1000pF
C31	2113928N01	CAP	0.1uF
C32	2155168G28	CAP	12pF
C33	2155169D15	CAP	3300pF
C351	2113928C04	CAP	4.7uF
C352	2155169H21	CAP	.01uF
C353	2113928N01	CAP	0.1uF
C408	2155168Q40	CAP	39pF
C410	2155168G40	CAP	39pF
C411	2113928P04	CAP	1.0uF

C412	2155168Q40	CAP	39pF
C413	2155169L09	CAP	1000pF
C42	2155168Q40	CAP	39pF
C43	2155168K19	CAP	5.1pF
C45	2155168K16	CAP	3.9pF
C46	2155168K26	CAP	10pF
C47	2155169L09	CAP	1000pF
C48	2155169Q34	CAP	0.1uF
C500	2113928P04	CAP	1.0uF
C501	2155169H17	CAP	4700pF
C502	2113928N01	CAP	0.1uF
C503	2113928N01	CAP	0.1uF
C504	2113928N01	CAP	0.1uF
C505	2155169H21	CAP	.01uF
C506	2113928N01	CAP	0.1uF
C507	2155169H21	CAP	.01uF
C508	2113928N01	CAP	0.1uF
C509	2155169H21	CAP	.01uF
C51	2155168K19	CAP	5.1pF
C510	2155169H21	CAP	.01uF
C511	2113928N01	CAP	0.1uF
C512	2155169H17	CAP	4700pF
C513	2155169H21	CAP	.01uF
C514	2113928N01	CAP	0.1uF
C515	2155169H21	CAP	.01uF
C52	2155168K24	CAP	8.2pF
C54	2155168Q50	CAP	100pF
C55	2155168Q40	CAP	39pF
C550	2113928N01	CAP	0.1uF
C551	2113928N01	CAP	0.1uF
C552	2113928N01	CAP	0.1uF
C553	2113928N01	CAP	0.1uF
C56	2155169L09	CAP	1000pF
C57	2155169Q25	CAP	.022uF
C58	2155168Q30	CAP	15pF
C59	2155168Q50	CAP	100pF
C60	2113928C04	CAP	4.7uF
C600	2113928C04	CAP	4.7uF
C601	2155169H21	CAP	.01uF
C602	2155169H21	CAP	.01uF
C603	2155169H21	CAP	.01uF
C604	2155169H21	CAP	.01uF
C605	2155169H21	CAP	.01uF
C606	2113928P04	CAP	1.0uF
C607	2155169H09	CAP	1000pF
C608	2155168G30	CAP	15pF
C609	2155168G30	CAP	15pF
C61	2113928N01	CAP	0.1uF
C610	2155169H21	CAP	.01uF
C611	2113928P04	CAP	1.0uF
C612	2113928P04	CAP	1.0uF

C613	2113928P04	CAP	1.0uF
C614	2113928E03	CAP	2.2uF
C615	2113928C04	CAP	4.7uF
C616	2113928C04	CAP	4.7uF
C617	2113928C04	CAP	4.7uF
C618	2113928P04	CAP	1.0uF
C619	2113928E03	CAP	2.2uF
C62	2113928N01	CAP	0.1uF
C700	2113928N01	CAP	0.1uF
C701	2113928N01	CAP	0.1uF
C702	2113928N01	CAP	0.1uF
C703	2113928N01	CAP	0.1uF
C704	2113928N01	CAP	0.1uF
C705	2113928N01	CAP	0.1uF
C800	2155169N27	CAP	.033uF
C803	2311049F47	CAPP	6.8uF
C804	2155141F25	CAP	0.1uF
C822	2155169N27	CAP	.033uF
CR150	4809877C28	BBY58_06W	
CR201	4809877C29	BBY58_05W	
CR202	4809877C29	BBY58_05W	
D550	4809606E08	RB715F	
FL102	9187790J01	856027	
FL121	9187788J01	855893	
FL141	9187792J01	42L10	
FL170	9187787J01	B4225	
FL194	5887802J01	CEO521R	
FL200	9187791J01	LFB32	
FL21	9187786J01	CER0023	
FL22	9187785J01	LFDP15N0039	
FL23	9185619K01	19K01	
FL401	9187793J01	13K16	
FL41	5887804J01	SI7SG	
J10	0985733K02	CONN_J	
J100	2844714U15	CONN_J	
L103	2455186U12	IDCTR	10.0nH
L104	2455186U18	IDCTR	33.0nH
L105	2455186U11	IDCTR	8.2nH
L106	2455186U06	IDCTR	3.3nH
L107	2455186U09	IDCTR	5.6nH
L108	2455186U12	IDCTR	10.0nH
L109	2455186U10	IDCTR	6.8nH
L110	2455186U24	IDCTR	100nH
L111	2455186U18	IDCTR	33.0nH
L113	2455186U07	IDCTR	3.9nH
L121	2455186U20	IDCTR	47.0nH
L122	2455186U20	IDCTR	47.0nH
L123	2456120C15	IDCTR	72nH
L124	2456120C15	IDCTR	72nH
L140	2455186U22	IDCTR	68.0nH
L141	2455186U22	IDCTR	68.0nH

L142	2456120C30	IDCTR	180nH
L143	2456120C14	IDCTR	68nH
L150	2456120C07	IDCTR	18nH
L160	7641904U15	BLM11A102S	
L161	7641904U15	BLM11A102S	
L200	7641904U15	BLM11A102S	
L201	2455186U17	IDCTR	27.0nH
L202	2455186U17	IDCTR	27.0nH
L203	2455186U13	IDCTR	12.0nH
L206	2456120C03	IDCTR	6.8nH
L207	2456120C03	IDCTR	6.8nH
L209	2455186U07	IDCTR	3.9nH
L210	2455186U07	IDCTR	3.9nH
L230	7641904U15	BLM11A102S	
L231	7641904U15	BLM11A102S	
L232	7641904U15	BLM11A102S	
L351	2455186U24	IDCTR	100nH
L41	2413926F04	IDCTR	2.2nH
L42	2413926F04	IDCTR	2.2nH
L43	2487319K11	IDCTR	8.2nH
L44	2409377M08	IDCTR	22nH
Q10	4841904T05	MMBT3904	
Q194	4887799J01	FDZ204P	
Q195	4842760U03	DTC144EE	
Q196	4809608E03	DTA114YE	
Q197	4809608E03	DTA114YE	
Q42	4809807C34	07C34	
Q43	4843835U02	UMC5NTL	
Q44	4809939C02	UMH9N	
Q45	4842760U03	DTC144EE	
Q500	4843683U01	UMD3NTR	
Q801	4841548T05	MMBT3906	
Q802	4842760U03	DTC144EE	
Q803	4813821M49	MTD2955E	
Q804	4841904T05	MMBT3904	
Q805	4841548T05	MMBT3906	
Q806	4842760U03	DTC144EE	
R10	0655087A87	RES	2.2K
R1001	0642655U01	RES	0
R1002	0642655U01	RES	0
R1003	0642655U01	RES	0
R1004	0642655U01	RES	0
R1035	0655161B04	RES	10K
R1037	0655161B04	RES	10K
R104	0655199C83	RES	8.25K
R105	0655161A93	RES	6.2K
R11	0655087B38	RES	330K
R110	0655161B04	RES	10K
R111	0655161B04	RES	10K
R12	0655087B08	RES	15K
R121	0655161A91	RES	3.3K

R141	0655161A74	RES	680
R150	0655161B04	RES	10K
R151	0655161A74	RES	680
R152	0655161B04	RES	10K
R190	0655161B17	RES	39K
R191	0655161B04	RES	10K
R201	0642655U01	RES	0
R203	0655199C99	RES	12.1K
R204	0655161B04	RES	10K
R205	0655161B01	RES	7.5K
R206	0655161A78	RES	1K
R207	0655161B04	RES	10K
R250	0655161A26	RES	10
R251	0655161B31	RES	150K
R253	0655161B04	RES	10K
R256	0655161A50	RES	100
R31	0655085A43	RES	51
R32	0655085A43	RES	51
R33	0655085A78	RES	1.5K
R34	0655085A43	RES	51
R35	0655161A43	RES	51
R350	0655161A50	RES	100
R351	0642655U01	RES	0
R36	0655087A80	RES	1K
R37	0655087A80	RES	1K
R46	0655087A80	RES	1K
R47	0655087A87	RES	2.2K
R48	0655087A66	RES	270
R50	0655161B27	RES	100K
R500	0655161A78	RES	1K
R501	0655161B04	RES	10K
R502	0655161A82	RES	1.5K
R504	0655161B04	RES	10K
R505	0655161B04	RES	10K
R506	0655161A78	RES	1K
R507	0655199C83	RES	8.25K
R508	0655161A78	RES	1K
R509	0655161A78	RES	1K
R51	0655161B27	RES	100K
R53	0642655U01	RES	0
R530	0655161A43	RES	51
R531	0655161A43	RES	51
R532	0655161A43	RES	51
R55	0655161A50	RES	100
R552	0655161B04	RES	10K
R553	0655161A91	RES	3.3K
R600	0642655U01	RES	0
R601	0642655U01	RES	0
R602	0642655U01	RES	0
R603	0642655U01	RES	0
R604	0642655U01	RES	0

R605	0642655U01	RES	0
R606	0642655U01	RES	0
R607	0642655U01	RES	0
R610	0655161A78	RES	1K
R611	0655161B34	RES	220K
R612	0642655U01	RES	0
R613	0642655U01	RES	0
R800	0655161B15	RES	33K
R801	0655161B15	RES	33K
R802	0655161B04	RES	10K
R803	0655161B41	RES	330K
R804	0655161B23	RES	68K
R805	0655161B23	RES	68K
R808	0655161B04	RES	10K
R810	0655161B04	RES	10K
R811	0655161B23	RES	68K
R814	0655161A84	RES	2.2K
R815	0655161B04	RES	10K
R817	0655161A84	RES	2.2K
R818	0655161A78	RES	1K
R822	0655161B15	RES	33K
R823	0655161B04	RES	10K
R824	0655161A84	RES	2.2K
R825	0655161A84	RES	2.2K
U101	5109944C50	RFR3300	
U150	5109817F59	IFR3000	
U170	5187784J01	PA2001-5C	
U171	5187796J01	AS179_92	
U190	5187734J01	LM20	
U200	5109944C48	RFT3100	
U31	5887803J01	11G07	
U32	5187795J01	AD8314	
U350	4887794J01	KT18DCV28A	
U401	5187784J02	PA2001-4C	
U41	5187796J01	AS179_92	
U42	5187813J01	HMC446TR	
U500	5109962C25	MSM5105	
U501	5187797J01	TC7S32F	
U600	5187970L03	PM1000	
U700	5187725J01	GT28F800B	
U701	5187729J01	K6F8016U6A	
U702	5187730J03	28F320C3	
U800	5113818A03	MC33072	
VR100	4856118B13	MMSZ5235B	
Y250	4887801J01	95L07	
Y600	4840364Y01	CC5V	
Z800	4813830A20	MMBZ5237B	
Z801	4813830A20	MMBZ5237B	