

401659 - Assy., PCB, MOTHERBOARD continued

REF DES	RACAL-DANA P/N	DESCRIPTION				FSC	MANU P/N	
R50	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R51	012065	RES	SET	9.9M/100 K	MF	0.1%	03888	A3DR25
R52	001873	RES	CARBON	20 K		5% 2W	01121	See Description
R53	040305	POT	CERMET	100 K			73138	68WR100K
R54	000104	RES	CARBON	100 K		5% 1/4W	81349	RC07GF104J
R55	010686	RES	METAL	909 OHM		1% 1/10W	81349	RN55C9090F
R56	012063	RES	SET	100/900/9 K	MF	0.1%	03888	A3DR23
R57	000123	RES	CARBON	12 K		5% 1/4W	81349	RC07GF123J
R58	001676	RES	CARBON	10 K		5% 1/2W	81349	RC20GF103J
R59	000107	RES	CARBON	100 M		5% 1/4W	81349	RC07GF107J
R60	010621	RES	METAL	49.9 K		1% 1/10W	81349	RN55C4992F
R61	000107	RES	CARBON	100 M		5% 1/4W	81349	RC07GF107J
R62	000104	RES	CARBON	100 K		5% 1/4W	81349	RC07GF104J
R63	010137	RES	METAL	100 OHM	T-0	1% 1/8W	81349	RN60D1000F
R64	000123	RES	CARBON	12 K		5% 1/4W	81349	RC07GF123J
R65	000104	RES	CARBON	100 K		5% 1/4W	81349	RC07GF104J
R66	010704	RES	METAL	1 K		1% 1/10W	81349	RN55D1001F
R67	012063	RES	SET	100/900/9 K	MF	0.1%	03888	A3DR23
R68	012063	RES	SET	100/900/9 K	MF	0.1%	03888	A3DR23
R69	000123	RES	CARBON	12 K		5% 1/4W	81349	RC07GF123J
R70	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R71	001676	RES	CARBON	10 K		5% 1/2W	81349	RC20GF103J
R72	010529	RES	METAL	10 K		1% 1/10W	81349	RN55C1002F
R73	010704	RES	METAL	1 K		1% 1/10W	81349	RN55D1001F
R74	010621	RES	METAL	49.9 K		1% 1/10W	81349	RN55C4992F
R75	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R76	000473	RES	CARBON	47 K		5% 1/4W	81349	RC07GF473J
R77	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R79	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R80	000102	RES	CARBON	1 K		5% 1/4W	81349	RC07GF102J
R81	000152	RES	CARBON	1.5 K		5% 1/4W	81349	RC07GF152J
R82	001874	RES	CARBON	680 OHM		5% 1/2W	81349	RC20GF681J
R91	000471	RES	CARBON	470 OHM		5% 1/4W	81349	RC07GF471J
R92	000471	RES	CARBON	470 OHM		5% 1/4W	81349	RC07GF471J
R93	000103	RES	CARBON	10 K		5% 1/4W	81349	RC07GF103J
R94	000103	RES	CARBON	10 K		5% 1/4 W	81349	RC07GF103J
R95	010643	RES	METAL	71.5 K		1% 1/10W	81349	RN55C7152F
R96	010697	RES	METAL	26.7 K		1% 1/10W	81349	RN55C2672F
S1	600926	SWITCH, SLIDE PUSHBUTTON, MOMENTARY, Single, 2 Pole					71590	PBI Series
S2	600975	SWITCH, PUSHBUTTON					71590	SPEC-PB12.5
S201	600814	SWITCH		6 SPST			11237	206-6
T1	300097	TRANS		POWER				CMI-2570

401659 - Assy., PCB, MOTHERBOARD continued

REF DES	RACAL- DANA P/N	DESCRIPTION	FSC	MANU P/N
TP1	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP2	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP3	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP4	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP5	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP6	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP7	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP8	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP9	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP10	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
TP11	600786	POST, MACHINE APPLIED STRIP	00779	1-87022-0
U1	230366	IC	27014	DM74LS174N
U2	230194	IC	01295	SN74LS74N
U3	230461	IC	02735	CA3096E
U5	230192	IC	01295	SN74LS05N
U6	230193	IC	01295	SN74LS00N
U7	230336	IC	01295	74LS14
U8	230194	IC	01295	SN74LS74N
U9	230460	IC	02735	CD4049BE
U10	230419	IC	21793	230419
U11	230496	IC	21793	230491
U12	230457	IC	32293	ICM7218A
U13	230330	IC	01295	74LS367
U14	230368	IC	27014	74LS138
U15	230368	IC	27014	74LS138
U16	230330	IC	01295	74LS367
U17	230460	IC	02735	CD4049BE
U18	230464	IC	04713	MC1416P
U19	230464	IC	04713	MC1416P
U20	230330	IC	01295	74LS367
U21	230234	IC	01295	SN74LS04N
U22	230537	IC	07263	211-4
U23	230234	IC	01295	SN74LS04N
U24	230248	IC	01295	SN74LS10N
U25	230629	IC	04713	4093B
U26	230468	IC	01295	TL601CP
U27	230481	IC	21793	230481
U28	230495	IC	21793	230495
U31	230537	IC	07263	211-4
U32	230356	IC	27014	74LS175
U33	230404	IC	02735	CD4094BE
U34	230404	IC	02735	CD4094BE
U35	230369	IC	04713	6802-P
U36	230471	IC	56289	UHP-490
U37	230402	IC	27014	74LS30N

401659 - Assy., PCB, MOTHERBOARD continued

REF DES	RACAL- DANA P/N	DESCRIPTION				FSC	MANU P/N
U38	230306	IC	QUAD, 2 INPUT NOR GATES			01295	SN74LS02
U39	230248	IC	POSITIVE NAND GATE			01295	SN74LS10N
U40	230194	IC	14 DIP, DUAL D FLIP-FLOP			01295	SN74LS74N
U41	230247	IC	MOS BILATERAL SWITCH			02735	CD4066AD
U42	230588	IC	DIGITAL/AD NAND GATE			02735	CD4023UBE
U43	230455	IC	CMOS MEMORY			32293	IM6508
U44	230430	IC				04713	MC68488L
U45	230330	IC				01295	74LS367
U46	230459	IC	OCTAL GPIB TRANS		SN75160	01295	SN75160
U47	230472	IC	OCTAL GPIB TRANS		SN75161	01295	SN75161
U48	230200	IC				04713	MC7812-CT
U49	230378	IC				27014	7915CT
U50	230275	IC	5.0 V			04713	MC7805CT
U51	230275	IC	5.0 V			04713	MC7805CT
U52	230463	IC	+8 VOLT REGULATOR			04713	MC7808CT
U53	230515	IC	VOLTAGE DETECTOR, MICROPOWER			32293	ICL8212CPA
VR1	230453	IC	(+7V REFERENCE)			27014	LM399H
VR2	230454	IC	+7V REFERENCE			27014	LM3999Z
VR3	220088	DIODE	ZENER	30 V		04713	1N972B
VR4	220020	DIODE	SILICO, ZENER			81349	1N4370
VR5	220090	DIODE	ZENER			04713	1N4620
VR6	220035	DIODE	ZENER	16 V	5%	81349	1N966B
VR7	220011	DIODE	SILICO, ZENER			81349	1N751A
VR8	220060	DIODE	ZENER	24 V	5%	81349	1N970B
VR9	220060	DIODE	ZENER	24 V	5%	81349	1N970B
VR10	220040	DIODE	ZENER			81349	1N753A
VR11	220040	DIODE	ZENER			81349	1N753A
VR12	220019	DIODE	SILICO, ZENER			81349	1N752A
VR13	220088	DIODE	ZENER	30 V		04713	1N972B
VR14	220088	DIODE	ZENER	30 V		04713	1N972B
VR15	220015	DIODE	SILICO, ZENER			81349	1N967B
VR16	220015	DIODE	SILICO, ZENER			81349	1N967B
W1	600245	JUMPER, INSULATED					L-2007-1LP
W3	600245	JUMPER, INSULATED					L-2007-1LP
W4	600245	JUMPER, INSULATED					L-2007-1LP
W5	600245	JUMPER, INSULATED					L-2007-1LP
Y1	920846	CRYSTAL	2.4576 MHz				2.4576 MHz
Y2	920840	CRYSTAL	3.579 MHz				1107863-1
Z1	080011	RES	CERMET	1 K	Network 8P,7R 2%	11236	750-81-R1KΩ
Z2	080020	RES	CERMET	10 K	Network 8P,7R 2%	11236	750-81-R10KΩ
Z3	080030	RES	CERMET	22 K	Network 8P,7R 2%	11236	750-81-R22KΩ
Z4	080011	RES	CERMET	1 K	Network 8P,7R 2%	11236	750-81-R1KΩ
Z5	080020	RES	CERMET	10 K	Network 8P,7R 2%	11236	750-81-R10KΩ

401659 – Assy., PCB, MOTHERBOARD continued

REF DES	RACAL- DANA P/N	DESCRIPTION					FSC	MANU P/N
Z6	080001	RES	CERMET	330 OHM	Network 8P,7R	2%	11236	750-81-R330Ω
Z7	080020	RES	CERMET	10 K	Network 8P,7R	2%	11236	750-81-R10KΩ
Z8	080020	RES	CERMET	10 K	Network 8P,7R	2%	11236	750-81-R10KΩ
Z9	080020	RES	CERMET	10 K	Network 8P,7R	2%	11236	750-81-R10KΩ
Z10	080020	RES	CERMET	10 K	Network 8P,7R	2%	11236	750-81-R10KΩ

401651 - Assy., PCB, DISPLAY

REF DES	RACAL- DANA P/N	DESCRIPTION				FSC	MANU P/N	
C1	110143	CAP	TANTA	1MFD	35 V	20%	05397	T368A105M035AS
C2	100062	CAP	CERAM	.01 MFD	100 V	10%	72982	8121-100-W5R0-103K
CR1	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR2	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR3	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR4	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR5	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR6	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR7	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR8	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR9	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR10	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR11	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR12	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR13	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR14	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR15	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR16	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR17	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR18	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR19	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR20	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR21	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
CR22	210072	LAMP	HI EFFICIENCY YELLOW - SOLID STATE			50434	HP5082-4550	
DS1	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS2	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS3	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS4	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS5	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS6	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
DS7	210074	DIODE	7-SEGMENT LED DISPLAY, YELLOW			50434	HP5082-7660	
J3	600228	CONN	18 P			71785	252-18-30-160	
R1	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R2	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R3	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R4	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R5	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R6	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R7	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	
R8	001895	RES	CC	4.3 OHMS	5% 1/4W	81349	RC07GF4R3J	

401651 - Assy., PCB, DISPLAY continued

REF DES	RACAL- DANA P/N	DESCRIPTION				FSC	MANU P/N	
U1	230483	IC	DRIVER	UDN-2981A		56289	UDN-2981A	
U2	230105	IC				01295	SN7417	
U3	230105	IC				01295	SN7417	
Z1	080009	RES	CERMET	6.8 K	Network 16P,8R	2%	11236	761-3-R6.8K
Z2	080000	RES	CERMET	200 OHM	Network 8P,7R	2%	11236	750-81-R220Ω

404107 - Assy., PCB, AC CONVERTER

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	920563	BEAD	SHIELDING	56-59065/4B			02114	56-59065/4B
B2	920563	BEAD	SHIELDING	56-59065/4B			02114	56-59065/4B
B3	920563	BEAD	SHIELDING	56-59065/4B			02114	56-59065/4B
C1	120280	CAP	MYLAR	.22 MFD	1000 V	10%	27556	ZA2J224K
C2	130146	CAP	TRIMMER	.25-1.5 PFD			74970	273-0001-002
C3	111148	CAP	ELECT	100 MFD	25 V		34553	ET101X025A5
C4	100023	CAP	CERAM	.01 MFD	100 V		71471	Type TTP
C5	100023	CAP	CERAM	.01 MFD	100 V		71471	Type TTP
C6	110023	CAP	TANTA	2.2 MFD	35 V	10%	05397	T310B225K035AS
C7	111148	CAP	ELECT	100 MFD	25 V		34553	ET101X025A5
C8	110154	CAP	TANTA	68 MFD	6 V	20%	05397	T368B686M006AS
C9	101644	CAP	CERAM	200 PFD	1000 V	20%	71471	GPDX5F201K
C10	110143	CAP	TANTA	1 MFD	35 V	20%	05397	T368A105M035AS
C12	101644	CAP	CERAM	200 PFD	1000 V	20%	71471	GPDX5F201K
C13	120300	CAP	MYLAR	1.5 MFD	100 V	20%	73445	C281AH/A1M5
C14	120300	CAP	MYLAR	1.5 MFD	100 V	20%	73445	C281AH/A1M5
C16	120300	CAP	MYLAR	1.5 MFD	100 V	20%	73445	C281AH/A1M5
C17	120300	CAP	MYLAR	1.5 MFD	100 V	20%	73445	C281AH/A1M5
C18	120290	CAP	MYLAR	.22 MFD	100 V	20%	73445	C281AH/A220K
C19	120290	CAP	MYLAR	.22 MFD	100 V	20%	73445	C281AH/A220K
C20	100080	CAP	CERAM	.05 MFD	100 V	20%	56289	C023A101L503M
C21	100068	CAP	CERAM	.02 MFD	100 V	20%	56289	C023B101H203M
C22	100023	CAP	CERAM	.01 MFD	100 V		71471	Type TTP
C23	110043	CAP	ELECT	22 MFD	25 V		34553	ET220X025A3
C24	100023	CAP	CERAM	.01 MFD	100 V		71471	Type TTP
C25	110043	CAP	ELECT	22 MFD	25 V		34553	ET220X025A3
C26	130146	CAP	TRIMMER	.25-1.5 PFD			74970	273-0001-002
C27	100096	CAP	CERAM	5.6 PFD	1000 V	5%	56289	C023B102E5R6D
C28	100050	CAP	CERAM	2.2 PFD	1000 V	5%	56289	C030B102S2R2D
C29	130124	CAP	TRIMMER	1.2 - 10 PFD	250 V		52763	R-TRIKO-122-09SD
C30	100100	CAP	CERAM	FSV	100100		21793	100100
C31	120153	CAP	POLY	47 PFD	125 V	10%	26625	611
C32	110043	CAP	ELECT	22 MFD	25 V		34553	ET220X025A3
C33	100100	CAP	CERAM	FSV	100100		21793	100100
C34	130148	CAP	TRIMMER	5-20 PFD	250 V		52763	R-TRIKO-122-09MG
C35	120316	CAP	POLY	680 PFD	630 V	5%	08257	KSO Series
C36	101145	CAP	CERAM	100 PFD	500 V	10%	04222	TCD-DI-1N5600-100
C37	120135	CAP	POLY	.015 MFD	33 V	10%	26625	611.3S
C38	100023	CAP	CERAM	.01 MFD	100 V		71471	Type TTP

404107 - Assy., PCB, AC CONVERTER *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
CR1	210015	DIODE			HP5082-2800	50434	HP5082-2800
CR2	210015	DIODE			HP5082-2800	50434	HP5082-2800
CR3	210015	DIODE			HP5082-2800	50434	HP5082-2800
CR4	210015	DIODE			HP5082-2800	50434	HP5082-2800
CR5	211083	DIODE	SILICO			81349	1N916B
CR6	211083	DIODE	SILICO			81349	1N916B
CR7	211083	DIODE	SILICO			81349	1N916B
CR8	220022	DIODE	SILICO	ZENER		81349	1N965B
CR9	220022	DIODE	SILICO	ZENER		81349	1N965B
CR10	220022	DIODE	SILICO	ZENER		81349	1N965B
CR11	211083	DIODE	SILICO			81349	1N916B
K1	310148	RELAY	REED	1 FORM A	12 V COIL	15636	R2699-2
K2	310148	RELAY	REED	1 FORM A	12 V COIL	15636	R2699-2
K3	310148	RELAY	REED	1 FORM A	12 V COIL	15636	R2699-2
Q1	200107	TRANS			2N4302	80131	2N4302
Q2	200163	TRANS	SILICO	NPN	EN916	07263	EN916
Q3	200201	TRANS	DUAL	NPN	200201	21793	200201
Q4	200096	TRANS		PNP	2N4917	81349	2N4917
Q5	200096	TRANS		PNP	2N4917	81349	2N4917
Q6	200096	TRANS		PNP	2N4917	81349	2N4917
Q7	200096	TRANS		PNP	2N4917	81349	2N4917
Q8	200163	TRANS	SILICO	NPN	EN916	07263	EN916
R1	010794	RES	METAL		MATCHED SET	21793	010794
R2	000513	RES	CARBON	51 K	5% 1/4W	81349	RC07GF513J
R3	000363	RES	CARBON	36 K	5% 1/4W	81349	RC07GF363J
R4	000104	RES	CARBON	100 K	5% 1/4W	81349	RC07GF104J
R5	000472	RES	CARBON	4.7 K	5% 1/4W	81349	RC07GF472J
R6	000363	RES	CARBON	36 K	5% 1/4W	81349	RC07GF363J
R7	000433	RES	CARBON	43 K	5% 1/4W	81349	RC07GF433J
R8	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R9	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R10	000361	RES	CARBON	360 OHM	5% 1/4W	81349	RC07GF361J
R11	000270	RES	CARBON	27 OHM	5% 1/4W	81349	RC07GF270J
R12	000362	RES	CARBON	3.6 K	5% 1/4W	81349	RC07GF362J
R13	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R14	000223	RES	CARBON	22 K	5% 1/4W	81349	RC07GF223J
R15	000245	RES	CARBON	2.4 M	5% 1/4W	81349	RC07GF245J
R16	000361	RES	CARBON	360 OHM	5% 1/4W	81349	RC07GF361J
R17	000562	RES	CARBON	5.6 K	5% 1/4W	81349	RC07GF562J

404107 - Assy., PCB, AC CONVERTER *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R18	000433	RES	CARBON	43 K	5% 1/4W	81349	RC07GF433J
R19	040235	POT	CERMET	100 K	10%	73138	89PR100K
R20	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R21	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R22	000270	RES	CARBON	27 OHM	5% 1/4W	81349	RC07GF270J
R23	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R24	000331	RES	CARBON	330 OHM	5% 1/4W	81349	RC07GF331J
R28	010793	RES	METAL	MATCHED SET		21793	010793
R29	010793	RES	METAL	MATCHED SET		21793	010793
R30	010793	RES	METAL	MATCHED SET		21793	010793
R31	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R32	000562	RES	CARBON	5.6 K	5% 1/4W	81349	RC07GF562J
R33	010744	RES	METAL	40 K	Pair with R34	21793	010744
R34	010744	RES	METAL	40 K	Pair with R33	21793	010744
R35	010744	RES	METAL	40 K	Pair with R36	21793	010744
R36	010744	RES	METAL	40 K	Pair with R35	21793	010744
R37	010743	RES	METAL	20 K	Pair with R38	21793	010743
R38	010743	RES	METAL	20 K	Pair with R37	21793	010743
R39	010792	RES	METAL	200 K	Pair with R40 .1%	21793	010792
R40	010792	RES	METAL	200 K	Pair with R39 .1%	21793	010792
R41	040233	POT	CERMET	20 K	10%	73138	89PR20K
R42	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R43	000390	RES	CARBON	39 OHM	5% 1/4W	81349	RC07GF390J
R44	040229	POT	CERMET	1 K	10%	73138	89PR1K
R45	010643	RES	METAL	71.5 K	1% 1/10W	81349	RN55C7152F
R46	010794	RES	METAL	MATCHED SET		21793	010794
R47	040229	POT	CERMET	1 K	10%	73138	89PR1K
R48	010794	RES	METAL	MATCHED SET		21793	010794
R49	040226	POT	CERMET	100 OHM	10%	73138	89PR100
R50	010794	RES	METAL	MATCHED SET		21793	010794
R51	040230	POT	CERMET	2 K	10%	73138	89PR2K
R52	010795	RES	METAL	13.7 K	1% 1/10W	81349	RN55C1372F
R53	600245	JUMPER		L-2007-1LP			L-2007-1LP
R54	010794	RES	METAL	MATCHED SET		21793	010794
R55	001737	RES	CARBON	FSV	001737 5% 1/4W	21793	001737
U1	230127	INTEGRATED CIRCUIT			SSS725C	06665	SSS725C

404106 - Assy., PCB, RMS CONVERTER

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	920563	BEADS	SHIELDING	56-59065/4B		02114	56-59065/4B	
C1	130116	CAP	MICA	3900 PFD	500 V	2%	72136	DM19F392G0
C2	130160	CAP	MICA	330 PFD			72136	DM15 Series
C3	100097	CAP	CERAM	12 PFD	1000 V	5%	56289	C020B10E120J
C4	130124	CAP	TRIMMER	1.2 - 10 PFD	250 V		52763	R-TRIKO-122-09SD
C5	100081	CAP	CERAM	4.7 PFD	1000 V	5%	56289	C030B102E4R7D
C6	100054	CAP	CERAM	27 PFD	1000 V	5%	56289	C030B102G270J
C7	130123	CAP	TRIMMER	1-3 PFD	250 V		52763	R-TRIKO-122-09SD
C8	100095	CAP	CERAM	2.7±.5 PFD	1000 V		56289	C030B102S2R7D
C9	130146	CAP	TRIMMER	.25-1.5 PFD			74970	273-0001-002
C10	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C11	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C12	101098	CAP	CERAM	330 PFD	500 V	10%	56289	10TS-T33
C13	100051	CAP	CERAM	3 PFD	500 V		71471	TCD-B1-0
C14	101641	CAP	CERAM	470 PFD	500 V	10%	71471	SCD1X5F
C15	110140	CAP	TANTA	47 MFD	6 V	20%	05397	T368B476M006AS
C16	101641	CAP	CERAM	470 PFD	500 V	10%	71471	SCD1X5F
C17	101098	CAP	CERAM	330 PFD	500 V	10%	56289	10TS-T33
C18	130076	CAP	MICA	200 PFD	500 V	5%	72136	DM15-201J
C19	101642	CAP	CERAM	150 PFD	500 V	10%	71471	SCD1X5F
C20	120294	CAP	MYLAR	.47 MFD	100 V	20%	73445	C281AH/A470K
C21	120294	CAP	MYLAR	.47 MFD	100 V	20%	73445	C281AH/A470K
C22	120294	CAP	MYLAR	.47 MFD	100 V	20%	73445	C281AH/A470K
C23	110043	CAP	ELECT	22 MFD	25 V		34553	ET220X025A3
C24	110043	CAP	ELECT	22 MFD	25 V		34553	ET220X025A3
C25	120280	CAP	MYLAR	.22 MFD	1000 V	10%	27556	ZA2J224K
C26	100122	CAP	CERAM	1 PFD	1000 V	5%	72136	DM19F132J
C27	130146	CAP	TRIMMER	.25-1.5 PFD			74970	273-0001-002
C28	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C29	101641	CAP	CERAM	470 PFD	500 V	10%	71471	SCD1X5F
C30	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C31	100084	CAP	CERAM	1.5 ± .5 PFD	1000 V		56289	C030B102S1R5D
C32	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C33	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
CR1	210015	DIODE		HP5082-2800			50434	HP5082-2800
CR2	210015	DIODE		HP5082-2800			50434	HP5082-2800
CR3	211083	DIODE	SILICO				81349	1N916B
CR4	211083	DIODE	SILICO				81349	1N916B
CR5	211083	DIODE	SILICO				81349	1N916B
CR6	211083	DIODE	SILICO				81349	1N916B
CR7	211083	DIODE	SILICO				81349	1N916B
CR8	211083	DIODE	SILICO				81349	1N916B
CR9	220016	DIODE	SILICO	ZENER	1N964B		81349	1N964B
CR10	220016	DIODE	SILICO	ZENER	1N964B		81349	1N964B

404106 - Assy., PCB, RMS CONVERTER *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
K1	310148	RELAY	1 FORM A	12 V COIL		15636	R2699-2
K2	310148	RELAY	1 FORM A	12 V COIL		15636	R2699-2
K3	310148	RELAY	1 FORM A	12 V COIL		15636	R2699-2
Q1	200200	TRANS		NPN	200200	21793	200200
Q2	200200	TRANS		NPN	200200	21793	200200
Q3	200199	TRANS	FET		FM1302	27014	FM1302
Q4	200200	TRANS		NPN	200200	21793	200200
Q5	200201	TRANS	DUAL	NPN	200201	21793	200201
Q6	200112	TRANS			MATCHED PAIR	21793	200112
Q7	200112	TRANS			MATCHED PAIR	21793	200112
Q8	200068	TRANS		PNP	2N4250	80131	2N4250
Q9	200200	TRANS		NPN	200200	21793	200200
Q10	403865	KIT	MATCHED LOG TRANSISTOR			21793	403865
Q11	200220	TRANS	DUAL		200220	21793	200220
Q12	200136	TRANS	SILICO	NPN	2N5963	81349	2N5963
Q13	200068	TRANS		PNP	2N4250	80131	2N4250
Q14	403865	KIT	MATCHED LOG TRANSISTOR			21793	403865
Q15	200197	TRANS	SILICO	NPN	MPS-H10	04713	MPS-H10
Q16	200197	TRANS	SILICO	NPN	MPS-H10	04713	MPS-H10
R1	010721	RES	METAL	MATCHED SET		21793	010721
R2	010720	RES	METAL	9.09 K	.25% 1/10W	81349	RN55C9091C
R3	040228	POT	CERMET	500 OHM	10%	73138	89PR500
R4	000820	RES	CARBON	82 OHM	5% 1/4W	81349	RC07GF820J
R5	010721	RES	METAL	MATCHED SET		21793	010721
R6	040225	POT	CERMET	50 OHM	20%	73138	89PR50
R7	010721	RES	METAL	MATCHED SET		21793	010721
R8	040228	POT	CERMET	500 OHM	10%	73138	89PR500
R9	010721	RES	METAL	MATCHED SET		21793	010721
R10	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R11	010678	RES	METAL	60.4 K	1% 1/10W	81349	RN55C6042F
R12	040231	POT	CERMET	5 K	10%	73138	89PR5K
R13	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R14	010678	RES	METAL	60.4 K	1% 1/10W	81349	RN55C6042F
R15	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R16	000334	RES	CARBON	330 K	5% 1/4W	81349	RC07GF334J
R17	040235	POT	CERMET	100 K	10%	73138	89PR100K
R18	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R19	010586	RES	METAL	5 K	.02%	18612	V53-1M
R20	000105	RES	CARBON	1 M	5% 1/4W	81349	RC07GF105J
R21	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J

404106, - Assy., PCB, RMS CONVERTER *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R22	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R23	010586	RES	METAL	5 K	.02%	18612	V53-1M
R24	010654	RES	METAL	20 K	.05%	18612	V53-1
R25	040235	POT	CERMET	100 K	10%	73138	89PR100K
R26	000184	RES	CARBON	180 K	5% 1/4W	81349	RC07GF184J
R27	010684	RES	METAL	487 OHM	1% 1/10W	81349	RN55E4870F
R28	040225	POT	CERMET	50 OHM	20%	73138	89PR50
R29	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R30	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R31	000272	RES	CARBON	2.7 K	5% 1/4W	81349	RC07GF272J
R32	010615	RES	METAL	10 K	.02%	18612	V53-1M
R33	040225	POT	CERMET	50 OHM	20%	73138	89PR50
R34	010684	RES	METAL	487 OHM	1% 1/10W	81349	RN55E4870F
R35	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R36	000681	RES	CARBON	680 OHM	5% 1/4W	81349	RC07GF681J
R37	000476	RES	CARBON	47 M	5% 1/4W	81349	RC07GF476J
R38	040239	POT	CERMET	1 M	20%	73138	89PR1M
R39	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R40	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R41	040231	POT	CERMET	5 K	10%	73138	89PR5K
R42	010281	RES	METAL	FSV	1%	21793	010281
R43	010392	RES	METAL	20 K	.1% 1/10W	81349	RN55C2002B
R44	000332	RES	CARBON	3.3 K	5% 1/4W	81349	RC07GF332J
R45	000107	RES	CARBON	100 M	5% 1/4W	81349	RC07GF107J
R46	040235	POT	CERMET	100 K	10%	73138	89PR100K
R47	000104	RES	CARBON	100 K	5% 1/4W	81349	RC07GF104J
R48	001768	RES	CARBON	3.3 OHM	5% 1/4W	01121	See Descript.
R49	040225	POT	CERMET	50 OHM	20%	73138	89PR50
R50	020667	RES	WW	100 K	.1% .15W	22045	J-110
R51	010654	RES	METAL	20 K	.05%	18612	V53-1
R52	010654	RES	METAL	20 K	.05%	18612	V53-1
R53	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R54	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R55	040227	POT	CERMET	200 OHM	10%	73138	89PR200
R56	010615	RES	METAL	10 K	.02%	18612	V53-1M
R57	010721	RES	METAL	MATCHED SET		21793	010721
R58	010618	RES	METAL	200 K	.25% 1/10W	81349	RN55C2003C
R59	403865	KIT	MATCHED LOG TRANSISTOR			21793	403865
R60	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R61	010496	RES	METAL	1 M	1% 1/8W	81349	RN60D1004F
R62	403865	KIT	MATCHED LOG TRANSISTOR			21793	403865
R63	000221	RES	CARBON	220 OHM	5% 1/4W	81349	RC07GF221J

404106 – Assy., PCB, RMS CONVERTER *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R64	000221	RES	CARBON	220 OHM	5% 1/4W	81349	RC07GF221J
R65	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R66	010536	RES	METAL	100 K	1% 1/10W	81349	RN55C1003F
R67	000513	RES	CARBON	51 K	5% 1/4W	81349	RC07GF513J
R68	010233	RES	METAL	32.4 K	1% 1/8 W	81349	RN60D3242F
S1	600742	SWITCH	SLIDE	SPDT		79727	GS-111
S2	600742	SWITCH	SLIDE	SPDT		79727	GS-111
TP1	600591	POST	TEST POINT		85931-6	00779	85931-6
TP2	600591	POST	TEST POINT		85931-6	00779	85931-6
TP3	600591	POST	TEST POINT		85931-6	00779	85931-6
TP4	600591	POST	TEST POINT		85931-6	00779	85931-6
TP5	600591	POST	TEST POINT		85931-6	00779	85931-6
AR1	230180	INTEGRATED CIRCUIT			LM318H	27014	LM318H
AR2	230054	INTEGRATED CIRCUIT			LM301A	27014	LM301A
W1	600245	JUMPER			L-2007-1LP		L-2007-1LP
W2	600245	JUMPER			L-2007-1LP		L-2007-1LP

REPAIR REQUEST FORM

To allow us to better understand your repair requests, we suggest you use the following outline and include a copy with your instrument to be sent to your local Racal-Dana repair facility.

Model Number _____ Options _____ Date _____

Serial Number _____ P. O.# _____

Company Name _____

Address _____

City _____ State _____ Zip Code _____

Contact _____ Phone Number _____

1. Describe, in detail, the problem and symptoms you are having.

2. If you are using your unit on the bus, please list the program strings used, if possible.

3. List all input levels, and frequencies this failure occurs.

4. Indicate any repair work previously performed.

5. Please give any additional information you feel would be beneficial in facilitating a faster repair time. (I. E., modifications, etc.)
