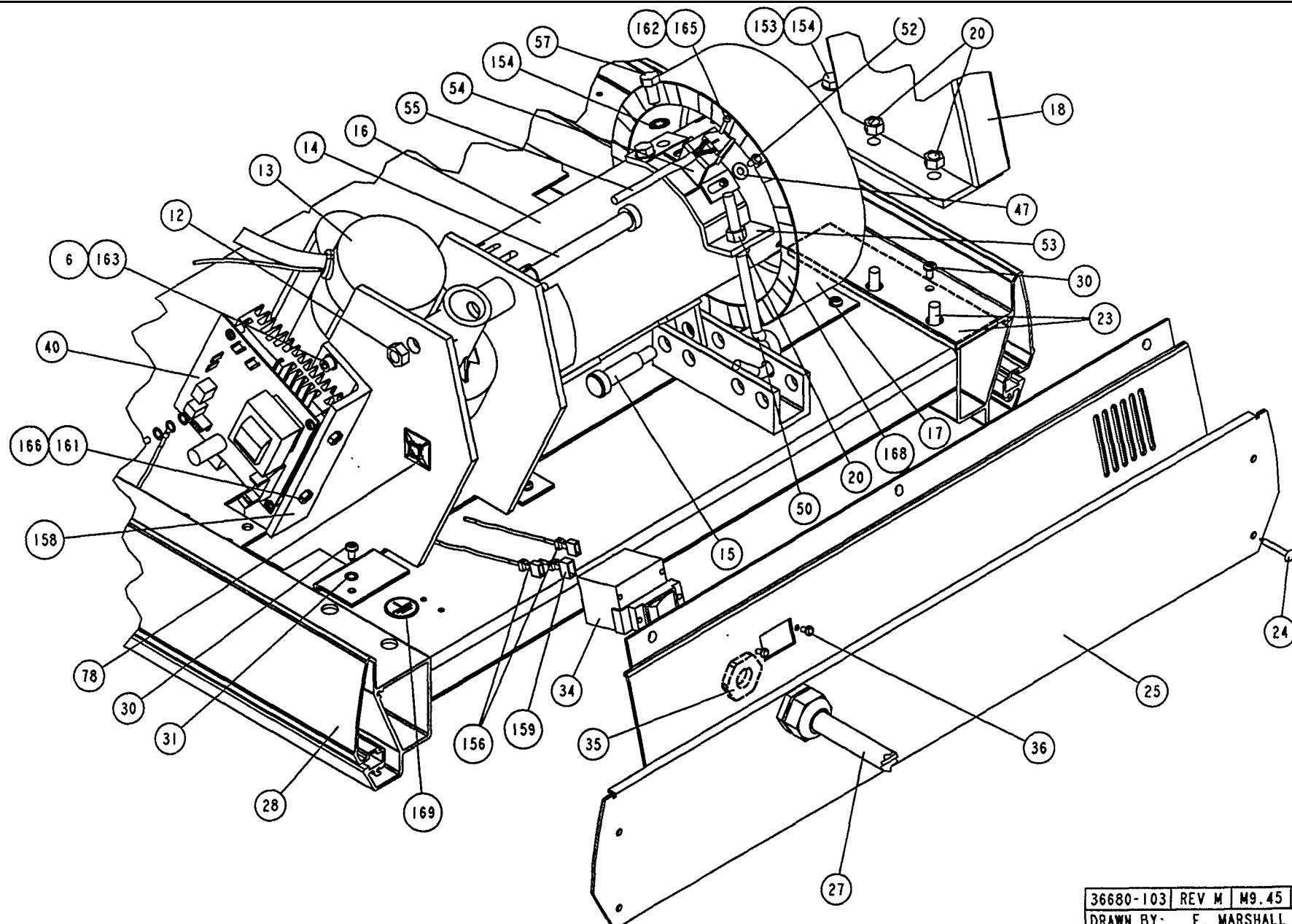
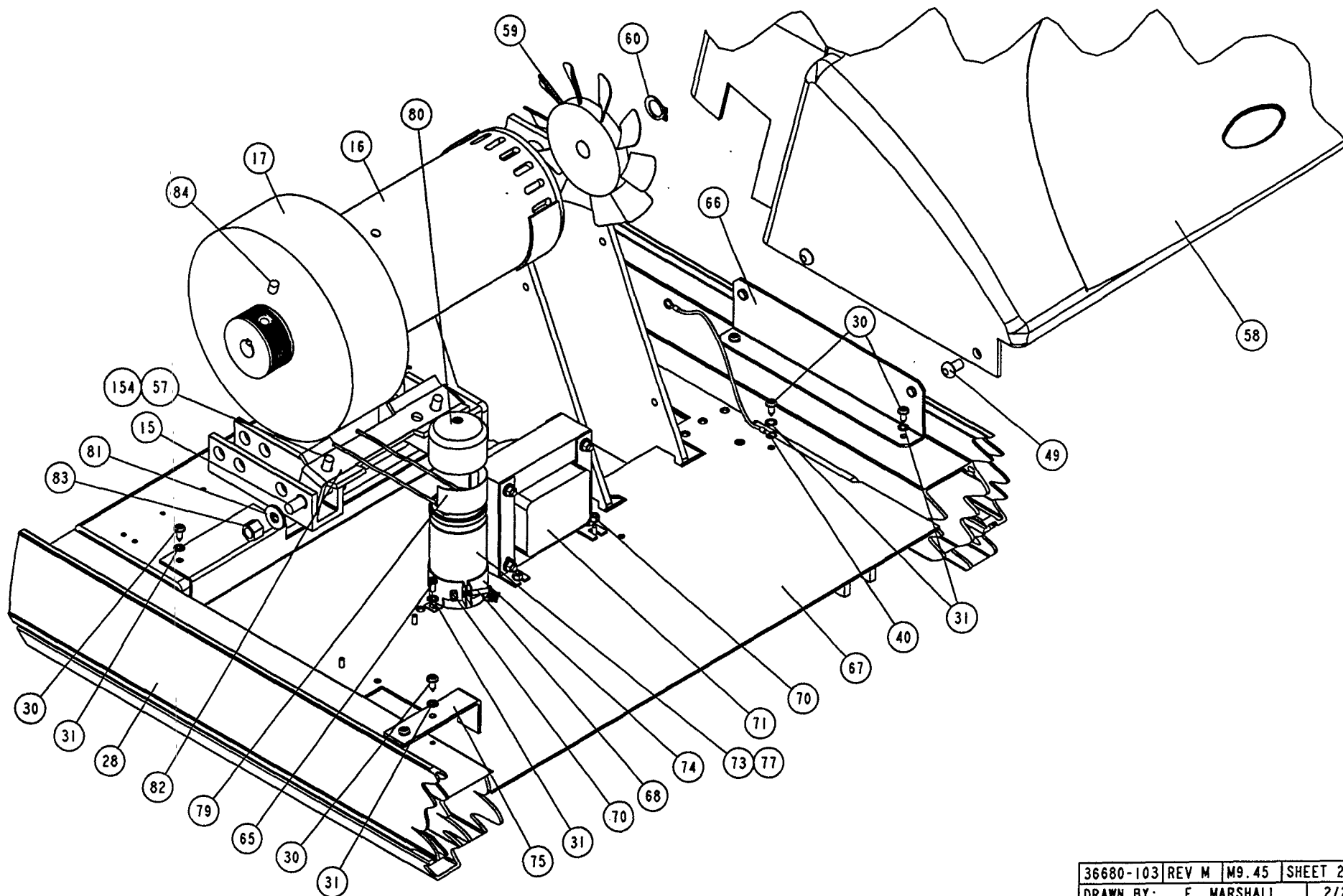
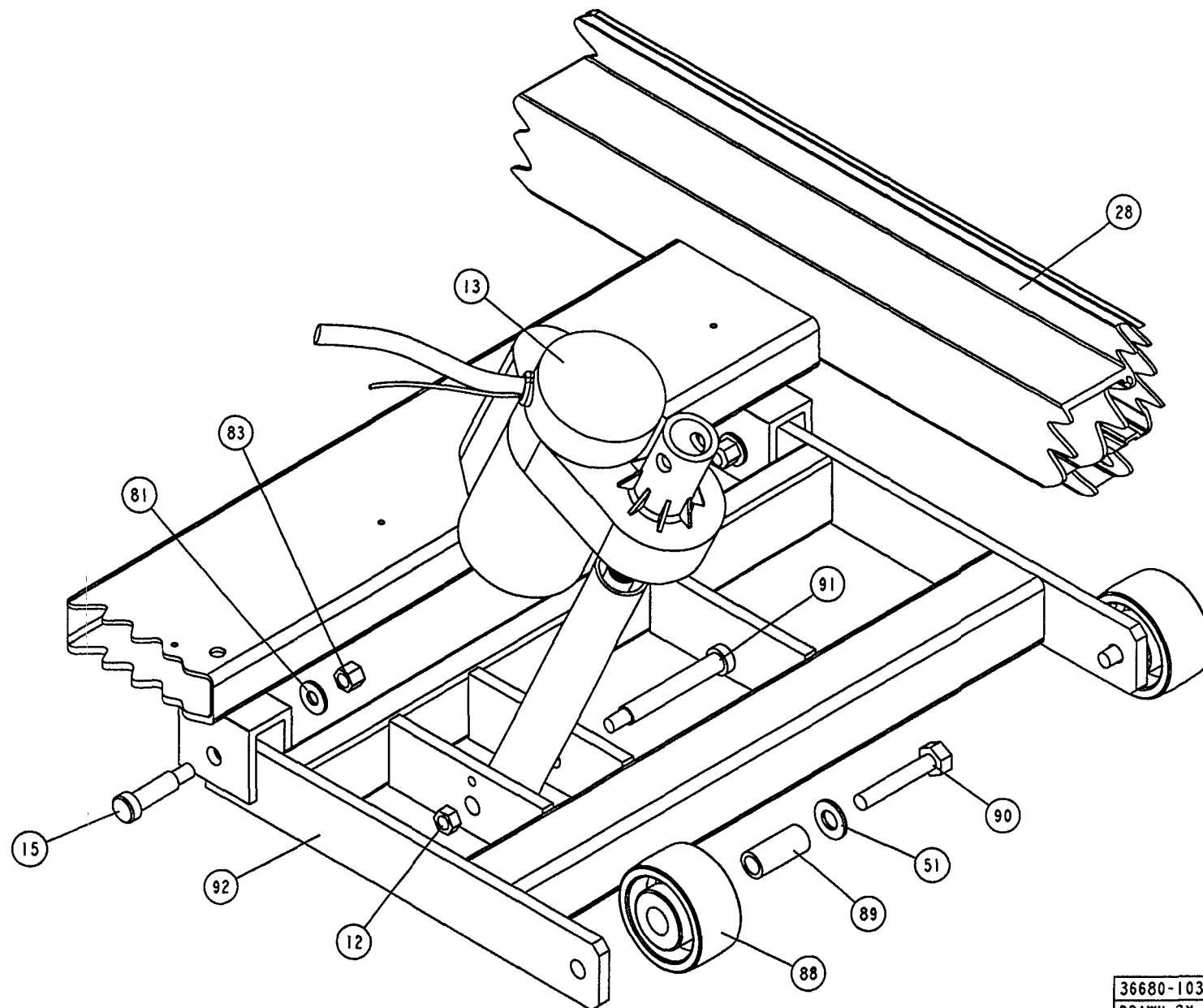
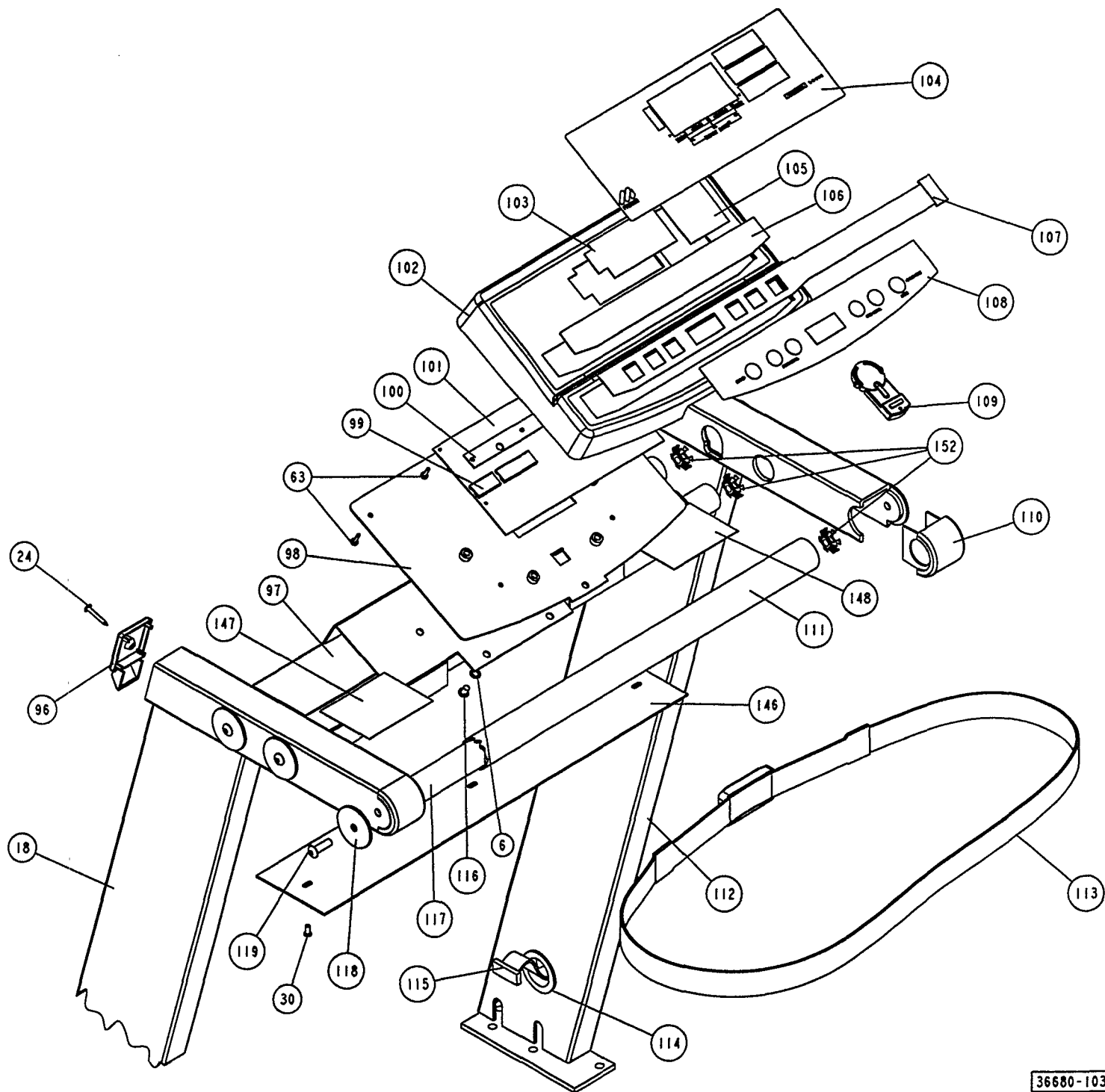
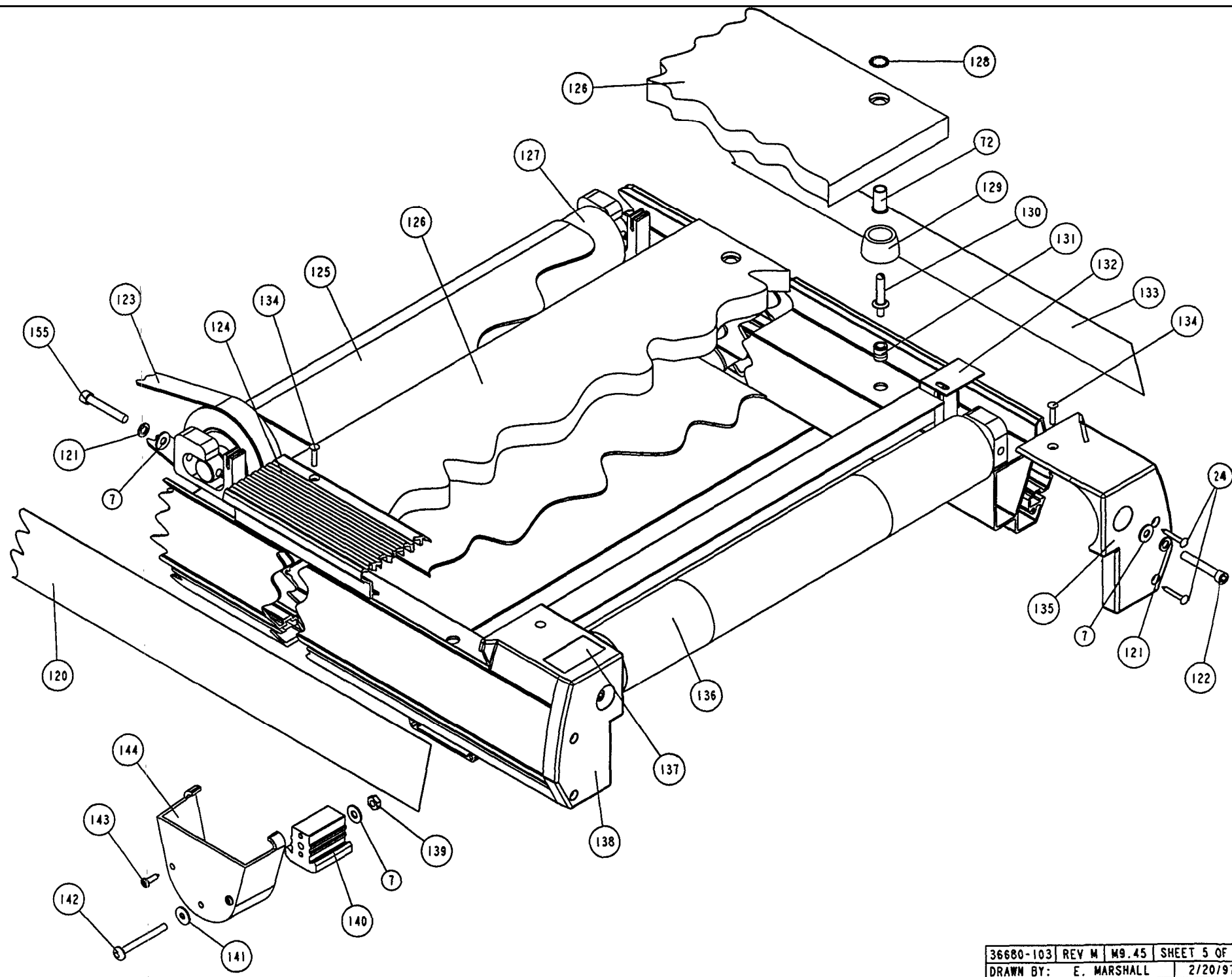












- Operates With Single 5-V Power Supply
- Generate ± 9 -V Supply Voltages With Only 1- μ F Capacitors
- Designed to Avoid Latch-Up
- CMOS Comparable Low Power ... 60 mW
- Features Superior to CMOS: "Improved Speed ... Operates Over 64K Baud", "Improved Protection... Outputs Can Be Forced to ± 30 V, Without Damage", "3-State Outputs Are at High Impedance When Off"
- Power Additional EIA-232 Drivers ... 10 mA
- 1- μ A Supply Current in Shutdown
- Available With or Without Shutdown
- Suitable for ANSI/EIA-232-D-1986 Applications (Revision of EIA Std RS-232-C)
- Designed to Be Interchangeable With Linear Technology LT1080 and LT1081

description

The LT1080 and LT1081 are dual driver/receivers that from a single 5-V supply. These interface-optimized realistic balance between CMOS levels of power dissipation. driver outputs are fully protected against overload and the advanced architecture of the LT1080 and LT1081 does not require power is off. Both the receiver and EIA-232 outputs at the output stage allows driving higher capacitive loads at higher

Applications for these devices include portable computers, generators, terminals, and modems.

The LT1080C and LT1081C are characterized for operation from -40°C to 85°C .

PRODUCTION: DATA information is current as of publication date. Products conform to specifications per the terms of Texas Instruments standard warranty. Production processing does not necessarily include testing of all parameters.

**TEXAS
INSTRUMENTS**

POST OFFICE BOX 055303

9.45 (serial code 2P)

Part Number	Description	Bubble Number
37364-101	SPRAY,CONDUCTIVE,ECG,60ML	3
38818-102	KIT, LITERATURE, HR OPTION	6
WATNN025-003	WASHER, LK-INT, ID=.25,	6
38819-102	TRANSMITTER, HEARTRATE,W/STRAP	7
WCCN025-007	WASHER, FLT, 1/4X.734X.065	7
37742-101	PCA, SAFETY SWITCH	8
KGCN038-033	LOCKNUT, STARWASHER, 3/8-16	12
36893-101	MOTOR, LIFT ACTUATOR, M9.41S	13
RCNN038-400	SCREW,SHLD,1/2 X 4 ,HEXSC,	14
RANN038-150	SCR,SHLD,1/2 X 1-1/2 ,HEXSC	15
36615-101	MOTOR,DRIVE,90VDC,2HP,18AMPS	16
37477-102	FLYWHEEL, 9.45, C942	17
59035-101	C94X & 9.4X SILVER TARGA RETRO KIT	18
KGCN031-027	LOCKNUT,STARWASHER,5/16-18,1/2	20
PGKN016-125	SCREW,S/T,#8X1-1/4,TRS,PHIL,	24
36551-501	PLATE, DRESS, PWM, PAINTED,	25
36956-102	ASSY, LINE CORD, 120V	27
37437-102	LABEL, FUSE, FIRE HAZARD	29
10006-127	SCREW,S/T,#10X1/2,PANHD,PHIL,	30
PBKN019-050	SCREW,S/T,#10X1/2,PANHD,PHIL,	30
WATNN020-002	WASHER, LK-INT, #10, ID=.200,	31
10435-101	CKT BRKR,250V,MAGNETIC,ROCKER,	34
10237-102	LOCKNUT,1-19/64 X 9/32 ,NYLON	35
MGKN013-025	SCREW,MCH,6-32X1/4,PANHD,PHIL,	36
MGCN016-063	SCREW,MCH,8-32X5/8,PANHD,PHIL,	38
37180-102	ASSY, LWR ELECT. MODULE	40
WACN019-005	WASHER, FLT, #10X.500X.049,ZN	47
TAKN031-050	SCREW,BTHD,5/16-18X1/2,BLK ZN	49
BNCN031-350	J-BOLT, HOOK, 5/16-18X3.5,ZN	50
WBCN050-010	WASHER, FLT, 1/2, ID=.531,	51
MHKN019-038	SCREW,MCH,10-32X3/8,PANHD,PHIL	52
37488-101	BRACKET, SENSOR,9.45I,C942,9.45	54
36833-102	ASSY,REMOTE SENSOR,TWISTED	55
37082-102	LABEL, HOOD WIRING DIAGRAM	56
HDCN031-063	SCREW,HEX,GR 5,5/16-24X5/8,ZN	57
50974-105	ASSY, HOOD W/LABELS,	58
32560-101	FAN, MOTOR	59
AAHN063-003	RING, RETAINER, 5/8, EXTERNAL	60
PMKN016-050	SCREW,TCS,#8X1/2,PHIL,BLK ZN,TYPE25	63
MGCN016-038	SCREW,MCH,8-32X3/8,PANHD,PHIL,	65
36548-101	BRACKET, HOOD MOUNTING	66
MGCN016-063	SCREW,MCH,8-32X5/8,PANHD,PHIL,	68
KGCN016-013	LOCKNUT, STARWASHER 8-32, HEX	70
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10043-105	BEARING, FLANGE, ID .377	72
37033-101	BUSHING, SOFT DECK	72
33272-101	LABEL, CAPACITOR DISCHARGE	73
10036-101	CLAMP,CAPACITOR,2.0 NOM	74
10035-108	CAP,AL-E,2200UF,200V,2.02 X3.69	77
10332-101	MOUNT, CABLE TIE	78

MHCN019-038	SCREW,MCH,10-32X3/8,PANHD,PHIL	79
10479-101	CAPACITOR CAP,2 OD X 1 HIGH	80
WCCN031-008	WASHER, FLT, 5/16X.875X.083	81
36618-103	BRACKET, MOTOR PIVOT, PLATED	82
KDCN038-025	LOCKNUT, FULL, 3/8-16, ZINC	83
EMKN008-010	SCREW,SET,M8-1.25XM10,KNRLDCUP	84
44270-101	WHEEL, LIFT	88
36192-101	BUSHING, SPANNER	89
HCKN050-250	SCREW,HEX,GR 5,1/2-13X2-1/2,BLK ZN	90
RCNN038-325	SCR,SHLD,1/2 X 3-1/4 ,HEXSC,	91
36511-101	ENDCAP, TARGA	96
36600-201	WELDMENT, TARGA CROSSMEMBER,PT	97
36616-501	CHASSIS, DISPLAY, PAINTED,	98
37276-303	PROM,PRGMD,VERS. 3.03,M9.45	99
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36460-102	PCA, DISPLAY, M9.25, M9.45,	101
50957-107	ASSY, DISPLAY HOUSING W/O	102
36656-102	LABEL, DISPLAY, M9.45	104
36566-105	ASSY, FAILSAFE CORD,NEW CLIP	109
36510-102	CAP, HANDRAIL	110
36191-505	GRIP, HANDRAIL	111
10178-103	BUSHING, SNAP, 2300	114
36350-105	ASSY, CABLE INTERCONNECT, 63	115
TAKN025-038	SCREW,BTHD,1/4-20X3/8,BLK ZN	116
59019-101	ASSY,HANDRAIL	117
TAKE031-125	SCREW,BTHD,5/16-18X1-1/4,BLK ZN	119
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WMSN033-006	WASHER, AN960-516, ID=.328,	121
CAKN031-200	SCREW,SKHD,5/16-18X2,BLK ZN,LK	122
10217-103	BELT, DRIVE, 280J10 POLY V	123
HCCN031-100	SCREW, HEX, GR 5, 5/16-18 X 1.0, ZN	124
36355-108	RUNNING, BELT, SIEGLING	125
36440-102	BED, TREADMILL, WAXED, 53.00	126
50984-101	ASSY,BED,941/945,STRETCH	126
37577-101	ASSY, DRIVE ROLLER	127
AHHN075-001	RING, RETAINER, CIRCULAR, .50	128
36118-103	STUD, BED, HEX DRIVE	130
10546-102	NUTSERT, 5/16-18	131
36549-501	GUARD, FINGER, REAR, PAINTED	132
36900-103	LABEL, SIDE RAIL, RIGHT REAR,	133
DCKN019-100	SCREW,WOOD #10X1, L=1.00	134
36409-101	ENDCAP, RIGHT	135
31825-102	ASSY, TAKE-UP ROLLER,	136
36122-501	LABEL, CAUTION, GREY	137
KDKN025-023	LOCKNUT, FULL, 1/4-20, BLK ZN	139
36382-103	FOOT, C960	140
WCKN025-007	WASHER, PLAIN 1/4 BLACK	141
TAKN025-250	SCREW,BTHD,1/4-20X2-1/2,BLK ZN	142
PBKN019-075	SCREW,S/T,#10X3/4,PANHD,PHIL,	143
59006-101	ASSY, REAR FOOT C960	144
37245-501	PLATE, TARGA SHIELD, PAINTED	146
36704-104	LABEL, COURSES, LEFT, M9.45	147

36704-103	LABEL, COURSES, RIGHT, M9.45	148
36910-101	LABEL, SIDE RAIL, RT FR, M9.45	150
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10385-106	CONNECTOR, TUBE, 5/16-18, 1.25	152
WATNN033-003	WASHER, LK-INT, 5/16, ID=.325,	154
CAKN031-150	SCREW,SKHD,5/16-18X1.50,BLK ZN,LK	155
36855-101	ASSY, CABLE, CIRC BRKR CONTROL	156
KHCN019-013	LOCKNUT, STARWASHER, 10-32,	161
KGCN011-009	LOCKNUT, STARWASHER, 4-40	162
CAKN025-050	SCREW,SKHD,1/4-20X0.50,BLK ZN,LK	163
MGCN011-063	SCREW,MCH,4-40X5/8,PANHD,PHIL,	165
HNCN019-075	SCREW,MCH,10-32X3/4,HEX,ZN	166
MAACN019-075	SCREW,MCH,10-32X3/4,HEX,ZN	166
37363-101	LABEL, FLYWHEEL TARGET, M9.45	168
33984-101	LABEL, SAFETY, GROUND SYMBOL	169
37364-101	SPRAY,CONDUCTIVE,ECG,60ML	199
36620-105	KIT, HARDWARE, C944, M9.41S	201
36636-108	KIT, LITERATURE, M9.45	202
37101-104	OWNERS' MANUAL, M9.45	202
10427-111	FUSE,SLOW,.25A,250V,1/4 DIA	217
10427-140	FUSE,SLOW,2A,250V,1/4 DIA	218
10427-111	FUSE,SLOW,.25A,250V,1/4 DIA	250
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36636-109	KIT, LITERATURE, M9.45	999