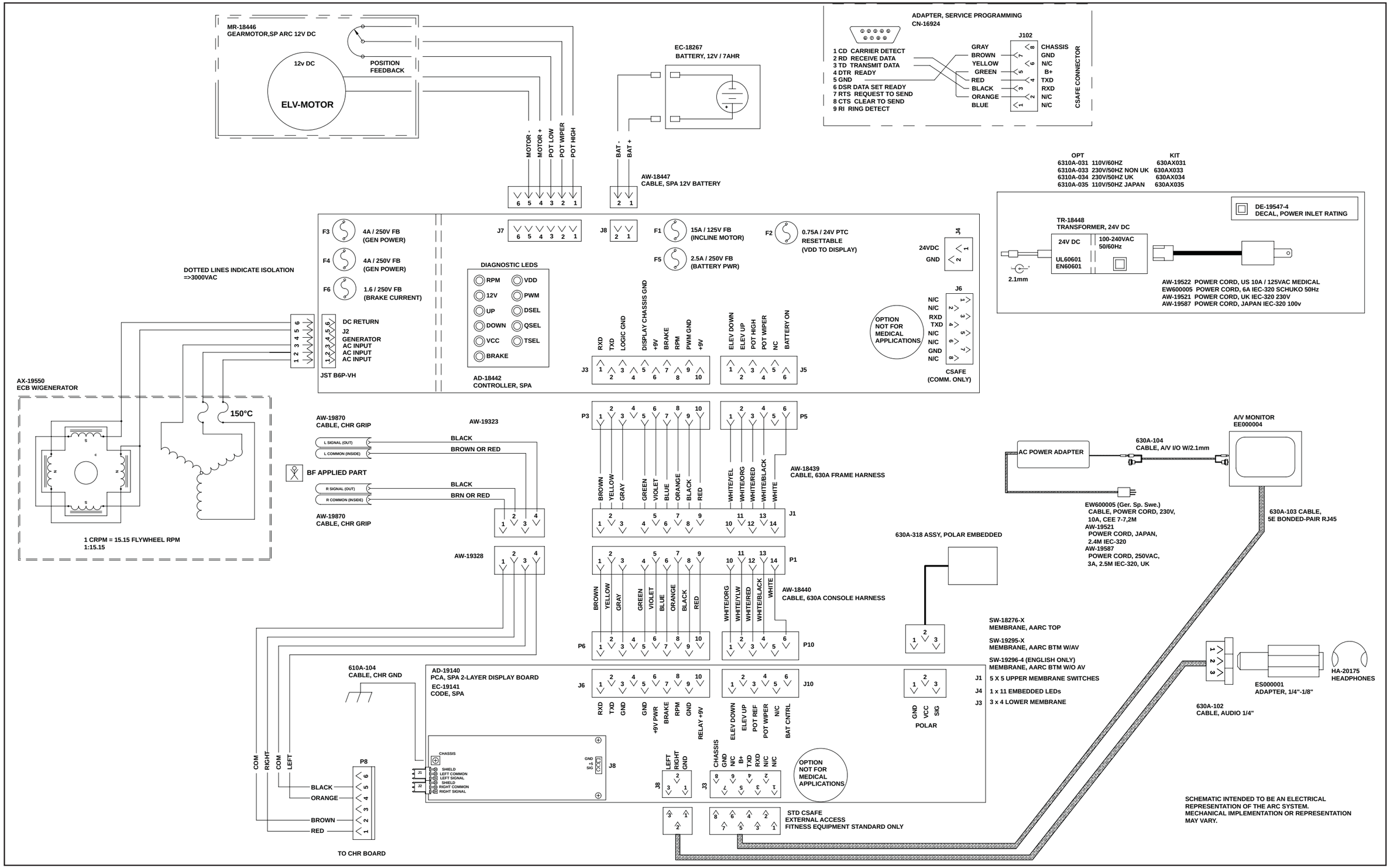
MR-18446
GEARMOTOR,SP ARC 12V DC
12v DC
ELV-MOTOR
POSITION FEEDBACK
MOTOR -
MOTOR +
POT LOW
POT WIPER
POT HIGH
EC-18267
BATTERY, 12V / 7AHR
BAT -
BAT +
AW-18447
CABLE, SPA 12V BATTERY
ADAPTER, SERVICE PROGRAMMING
CN-16924
1 CD CARRIER DETECT
2 RD RECEIVE DATA
3 TD TRANSMIT DATA
4 DTR READY
5 GND
6 DSR DATA SET READY
7 RTS REQUEST TO SEND
8 CTS CLEAR TO SEND
9 RI RING DETECT
J102
GRAY
BROWN
YELLOW
GREEN
RED
BLACK
ORANGE
BLUE
CHASSIS
GND
N/C
B+
TXD
RXD
N/C
N/C
CSAFE CONNECTOR
OPT
KIT
6310A-031 110V/60HZ 630AX031
6310A-033 230V/50HZ NON UK 630AX033
6310A-034 230V/50HZ UK 630AX034
6310A-035 110V/50HZ JAPAN 630AX035
DE-19547-4
DECAL, POWER INLET RATING
TR-18448
TRANSFORMER, 24V DC
24V DC
UL60601
EN60601
100-240VAC
50/60Hz
2.1mm
AW-19522 POWER CORD, US 10A / 125VAC MEDICAL
EW600005 POWER CORD, 6A IEC-320 SCHUKO 50Hz
AW-19521 POWER CORD, UK IEC-320 230V
AW-19587 POWER CORD, JAPAN IEC-320 100v
F3 4A / 250V FB (GEN POWER)
F4 4A / 250V FB (GEN POWER)
F6 1.6 / 250V FB (BRAKE CURRENT)
F1 15A / 125V FB (INCLINE MOTOR)
F5 2.5A / 250V FB (BATTERY PWR)
F2 0.75A / 24V PTC RESETTABLE (VDD TO DISPLAY)
J7
J8
J4
24VDC
GND
DOTTED LINES INDICATE ISOLATION =>3000VAC
DIAGNOSTIC LEDS
RPM
12V
UP
DOWN
VCC
BRAKE
VDD
PWM
DSEL
QSEL
TSEL
DC RETURN
J2
GENERATOR
AC INPUT
AC INPUT
AC INPUT
JST B6P-VH
AD-18442
CONTROLLER, SPA
RXD
TXD
LOGIC GND
DISPLAY CHASSIS GND
+9V
BRAKE
RPM
PWM GND
+9V
ELEV DOWN
ELEV UP
POT HIGH
POT WIPER
NC
BATTERY ON
J3
J5
OPTION NOT FOR MEDICAL APPLICATIONS
J6
N/C
N/C
RXD
TXD
N/C
N/C
GND
N/C
CSAFE (COMM. ONLY)
AX-19550
ECB W/GENERATOR
150°C
1 CRPM = 15.15 FLYWHEEL RPM
1:15.15
AW-19870
CABLE, CHR GRIP
AW-19323
L SIGNAL (OUT)
L COMMON (INSIDE)
BLACK
BROWN OR RED
BF APPLIED PART
R SIGNAL (OUT)
R COMMON (INSIDE)
BLACK
BRN OR RED
AW-19870
CABLE, CHR GRIP
P3
P5
BROWN
YELLOW
GRAY
GREEN
VIOLET
BLUE
ORANGE
BLACK
RED
WHITE/YEL
WHITE/ORG
WHITE/RED
WHITE/BLACK
WHITE
AW-18439
CABLE, 630A FRAME HARNESS
J1
AW-19328
P1
AW-18440
CABLE, 630A CONSOLE HARNESS
WHITE/ORG
WHITE/YLW
WHITE/RED
WHITE/BLACK
WHITE
P6
P10
630A-318 ASSY, POLAR EMBEDDED
SW-18276-X
MEMBRANE, AARC TOP
SW-19295-X
MEMBRANE, AARC BTM W/AV
SW-19296-4 (ENGLISH ONLY)
MEMBRANE, AARC BTM W/O AV
J1 5 X 5 UPPER MEMBRANE SWITCHES
J4 1 x 11 EMBEDDED LEDs
J3 3 x 4 LOWER MEMBRANE
GND
VCC
SIG
POLAR
610A-104
CABLE, CHR GND
AD-19140
PCA, SPA 2-LAYER DISPLAY BOARD
EC-19141
CODE, SPA
J6
J10
RXD
TXD
GND
GND
+9V PWR
BRAKE
RPM
GND
RELAY +9V
ELEV DOWN
ELEV UP
POT REF
POT WIPER
N/C
BAT CNTRL
CHASSIS
SHIELD
LEFT COMMON
LEFT SIGNAL
SHIELD
RIGHT COMMON
RIGHT SIGNAL
GND
+5
SIG
J8
LEFT
RIGHT
GND
CHASSIS
GND
N/C
B+
TXD
RXD
N/C
N/C
OPTION NOT FOR MEDICAL APPLICATIONS
STD CSAFE
EXTERNAL ACCESS
FITNESS EQUIPMENT STANDARD ONLY
COM
RIGHT
COM
LEFT
P8
BLACK
ORANGE
BROWN
RED
TO CHR BOARD
A/V MONITOR
EE000004
AC POWER ADAPTER
630A-104
CABLE, A/V I/O W/2.1mm
EW600005 (Ger. Sp. Swe.)
CABLE, POWER CORD, 230V,
10A, CEE 7-7,2M
AW-19521
POWER CORD, JAPAN,
2.4M IEC-320
AW-19587
POWER CORD, 250VAC,
3A, 2.5M IEC-320, UK
630A-103 CABLE,
5E BONDED-PAIR RJ45
ES000001
ADAPTER, 1/4"-1/8"
HA-20175
HEADPHONES
630A-102
CABLE, AUDIO 1/4"
SCHEMATIC INTENDED TO BE AN ELECTRICAL REPRESENTATION OF THE ARC SYSTEM. MECHANICAL IMPLEMENTATION OR REPRESENTATION MAY VARY.