

TO ORDER PARTS & OBTAIN TROUBLESHOOTING HELP

Have the following information available before you contact your representative: serial numbers, the console Rev., and the date of purchase.

In the United States

StairMaster Exercise Systems
6015 North Xanithus Avenue
Tulsa, Oklahoma 74130, U.S.A.
(918) 425-5588; (800) 331-3578
FAX: (918) 425-4852

In Canada

RANDAL Sports/Medical Products (Canada), Inc.
109 Woodbine Downs Blvd. #9
Etobicoke, ON
Canada M9W 6Y1
(416) 746-5105

In Europe

RANDAL Europe SA
Sports/Medical Products
Via S. Gottardo 25
CH - 6943 Vezia
Switzerland
(49) 091-57-47-*14 (*also -15)
FAX: (41) 091-57-47-16

In Japan

Senoh Corporation
2-4 Kandatamachi
Chiyoda-Ku, Tokyo
Japan 101
81-03-254-6821

Countries Not Listed Above

RANDAL Sports/Medical Products, Inc., International Division
12421 Willows Road N.E., Suite 135
Kirkland, Washington 98034 U.S.A.
(206) 823-1825; (800) 635-2936
FAX: (206) 820-7505

INFORMATION NEEDED TO EXPEDITE YOUR ORDER

To expedite the shipment of parts orders, please have the following information available at the time the order is placed:

1. Name (Facility or Individual)
2. Complete Mailing Address (Including ZIP Code)
3. Contact Person and Telephone Number
4. Serial Number of Machine
5. Detailed Description of the Problem

If you find it necessary to return electronic components to us for repair, please call the Product Support Department to let us know which part is being sent and also enclose a complete description of the problem. This will help our technicians to repair the part quickly and minimize your downtime.

IF YOUR MACHINE IS UNDER WARRANTY, PLEASE REMEMBER TO RETURN TO THE FACTORY ALL OLD PARTS THAT ARE TAGGED WITH A WARRANTY CARD TO AVOID BEING CHARGED FOR THE NEW PARTS.

LIST OF CODES

- 015 ENTER

Turns on all LEDs to test console display; turns on all 17 bar graph segments; turns on decimal point in MINUTES window.
- 107 ENTER

Displays the type of computer chip in the console.
- 2020 ENTER

Turns on the console WORKOUT WEIGHT window display:
- 2020 ENTER ENTER

Turns on WEIGHT window and turns on compressor.
- 2020 ENTER ENTER ENTER

Turns on WEIGHT window; turns on compressor; turns off compressor. (Press CLEAR to relieve system pressure.)

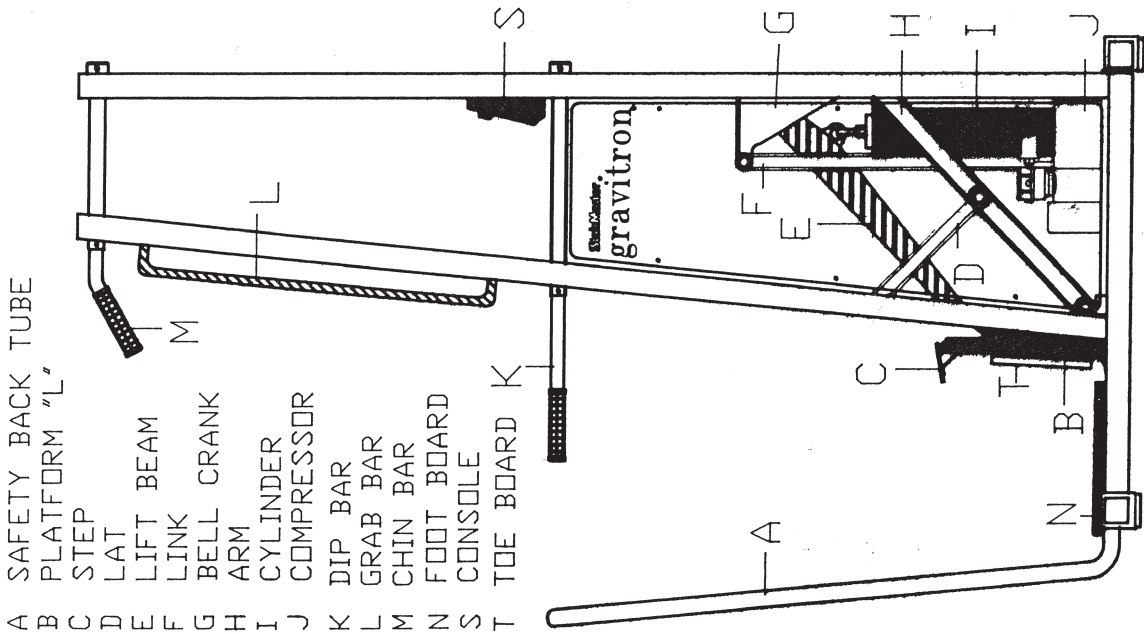


Figure 4: The Gravitron Upper Body System - Side view

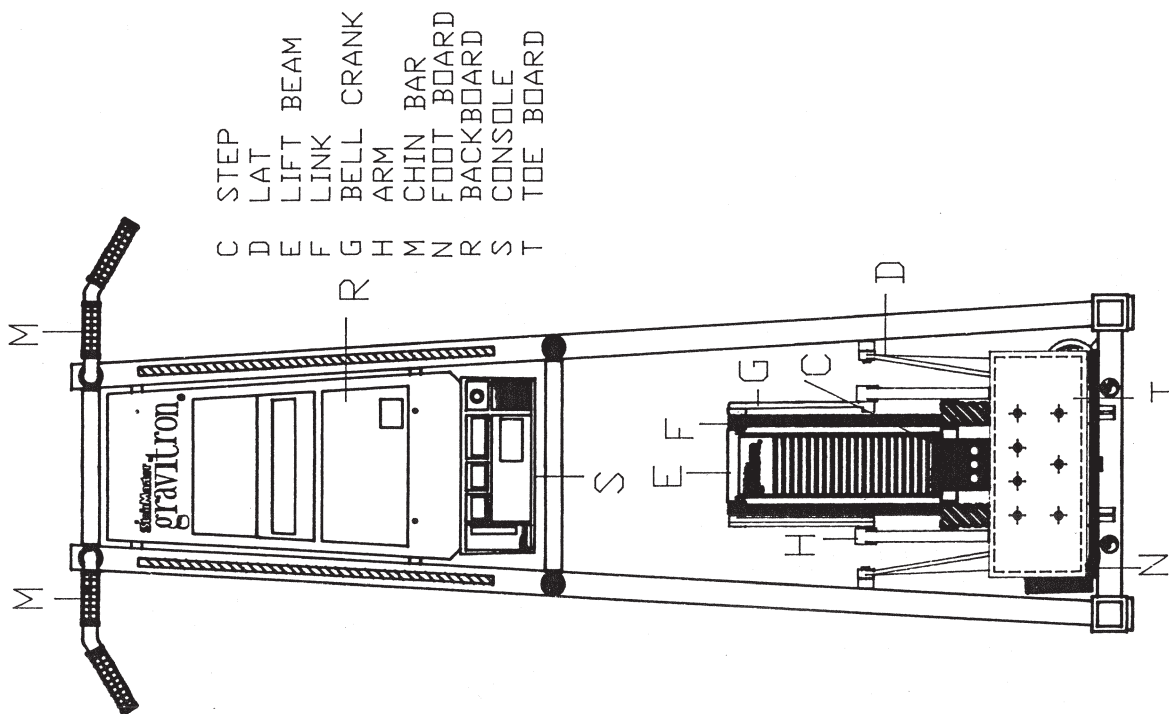


Figure 5: The Gravitron Upper Body System - Front view

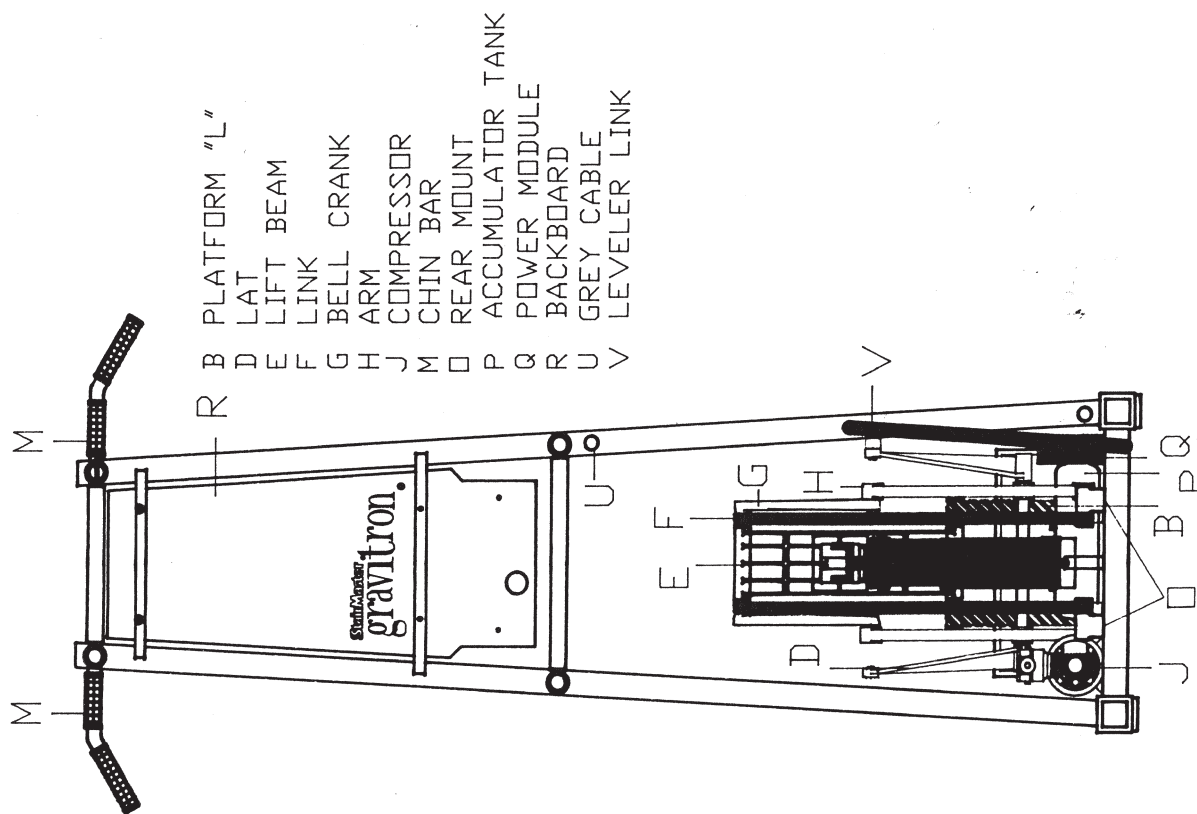


Figure 6: The Gravitron Upper Body System - Rear view

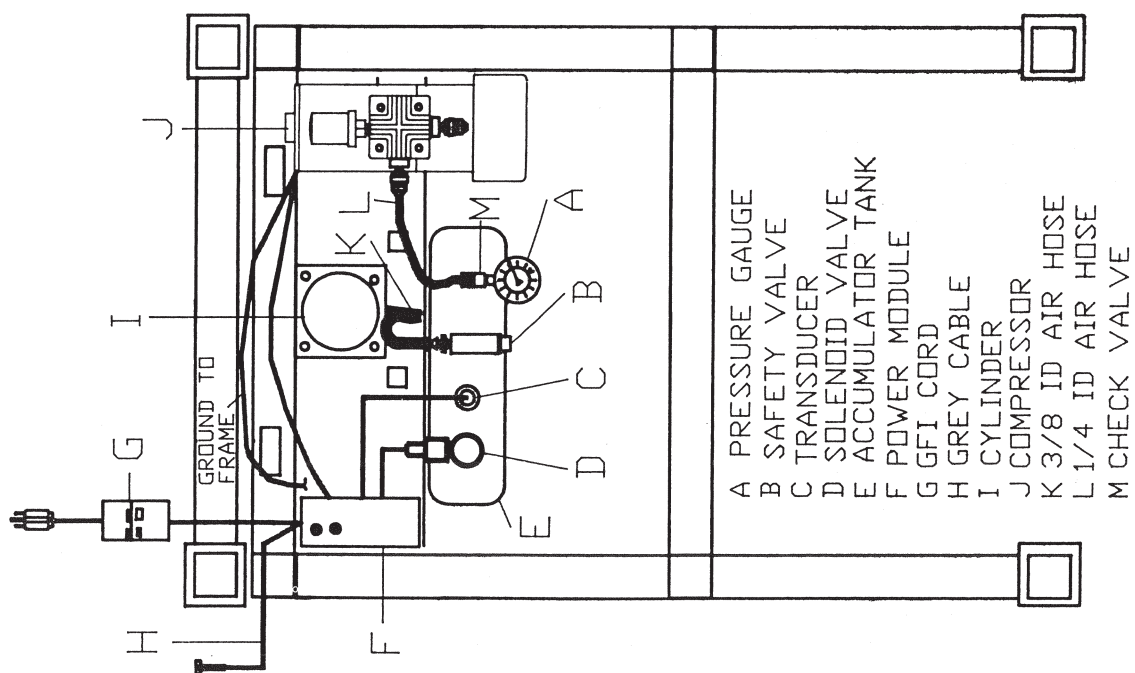


Figure 7: Parts Location - Electrical and Pneumatic

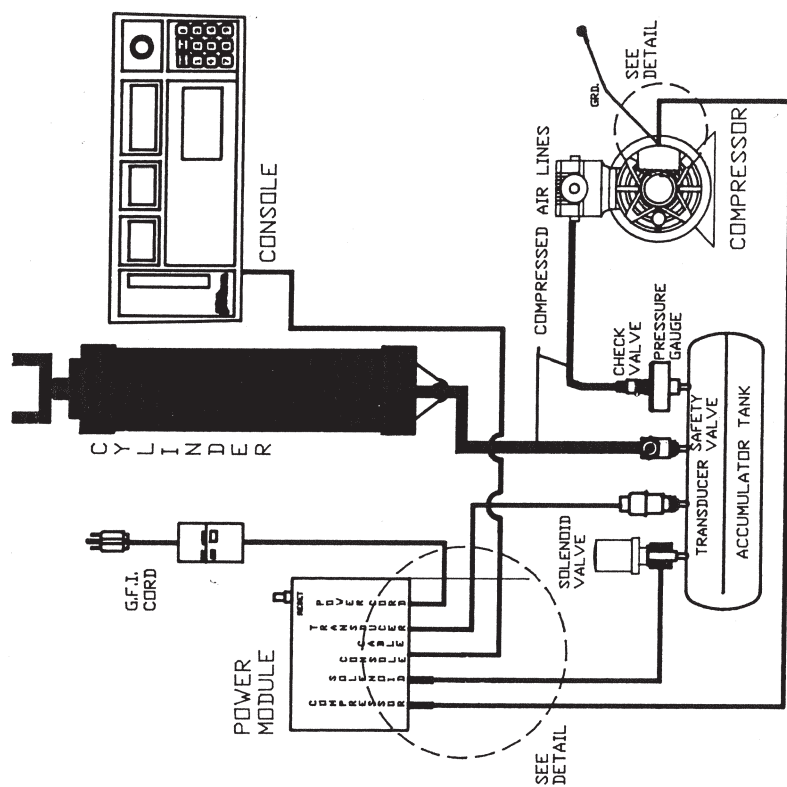


Figure 8: Electrical and Pneumatic Diagram

RANDAL® SPORTS/MEDICAL PRODUCTS, INC., UNITED STATES OFFICES

RANDAL Sports/Medical Products is the exclusive distributor for
StairMaster Exercise Systems.

Corporate Office

12421 Willows Road N.E., Suite 100
Kirkland, Washington 98034
(206) 823-1825; (800) 635-2936; FAX (206) 823-9490

East Division (MA, ME, CT, VT, NH, RI, NY, NJ, PA)

259 Route 17K
Newburgh, NY 12550
(914) 564-6011; (800) 772-0089; FAX (914) 564-8157

Midwest Division

Midwest Region (WI, MN, IL, IN, IA)
P.O. Box 519
West Chicago, IL 60186
(708) 231-5010; (800) 950-2814; FAX (708) 231-9197

Mid-America Region (KY, MI, OH, TN, WV)
P.O. Box 497
Twinsburg, OH 44087
(216) 425-4833; (800) 950-2814; FAX (216) 425-1829

West Division

West Region (CA, NV, AZ, CO, UT, NM, HI)
P.O. Box 5044-489
Thousand Oaks, CA 91359
(805) 495-6414; (800) 829-9993; FAX (805) 498-2314

Northwest Region (AK, ID, MT, OR, WA, WY)
12421 Willows Road N.E., Suite 125
Kirkland, WA 98034
(206) 820-7764; (800) 733-3783; FAX (206) 820-7505

Bay Region (Northern CA, Northern NV)

5627 Stoneridge Drive, Suite 314
Pleasanton, CA 95588
(415) 463-1181; (800) 829-9993; FAX (415) 463-1636

Southeast Division (DE, MD, DC, AL, FL, GA, MS, VA, NC, SC)

5572 Rio Vista Drive
Clearwater, FL 34620
(813) 531-5040; (800) 448-5040; FAX (813) 539-1342

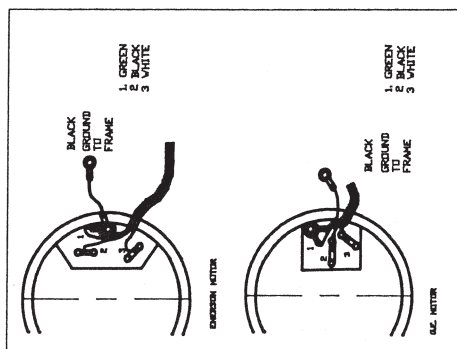
Southwest Division (LA, TX, MO, KS, ND, SD, OK, NE, AR)

7030-G South Lewis
Tulsa, OK 74136
(918) 493-2099; (800) 777-4348; FAX (918) 494-6661

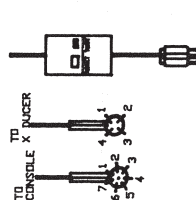
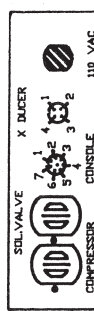
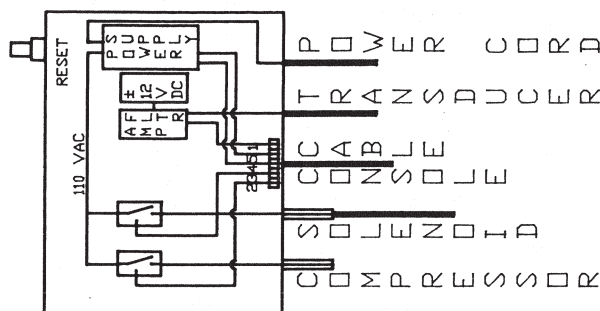
CONSOLE	WIRE	VOLTAGE
PIN#	COLOR	
1	BLUE	TRANS DUCER 0-5 VDC
2	ORANGE	COMPRESSOR 5 VDC
3	YELLOW	SOLENOID 5 VDC
4	BLACK	GROUND 0 VDC
5	WHITE	POWER +15 VDC
6		NA
7		NA
8		NA

TRANS DUCER (X DUCER)

WIRE		VOLTAGE
PIN#	COLOR	
1	BLACK	GROUND 0 VDC
2	RED	POWER +5 VDC
3	WHITE	X DUCER + 0-2 VDC
4	GREEN	X DUCER - 0-2 VDC



COMPRESSOR
WIRING DIAGRAM



POWER MODULE DETAIL

Figure 9: Electrical Detail