MOMENTUM SERIES™

MOMENTUM RB5 RECUMBENT BIKE

USER MANUAL

PREASSEMBLY

Open the boxes:

You are now ready to open the boxes of your new equipment. Make sure to inventory all of the parts that are included in the boxes. Check the Parts List for a full count of the number of parts included for this product to be assembled properly. If you are missing any parts or have any assembly questions call your local dealer.

Gather your tools:

Before starting the assembly of your unit, make sure that you have gathered all the necessary tools you may require to assemble the unit properly. Having all of the necessary equipment at hand will save time and make the assembly quick and hassle-free.

Clear your work area:

Make sure that you have cleared away a large enough space to properly assemble the unit. Make sure the space is free from anything that may cause injury during assembly. After the unit is fully assembled, make sure there is a comfortable amount of free area around the unit for unobstructed operation.

Invite a friend:

Some of the assembly steps may require heavy lifting. It is recommended that you obtain the assistance of another person when assembling this product.

User Weight Limitation:

Please note that there is a weight limitation for this product. If you weigh more than 160kg it is not recommended that you use this product. Serious injury may occur if the user's weight exceeds the limit shown here. This product is not intended to support users whose weight exceeds this limit.

PREASSEMBLY

CONTENTS CHECKLIST

Carton chart:

For your convenience, we have identified the contents of the shipping carton. Please check to make sure you have all of the components before assembly. This chart is provided to help you identify the components used in the assembly of this product.

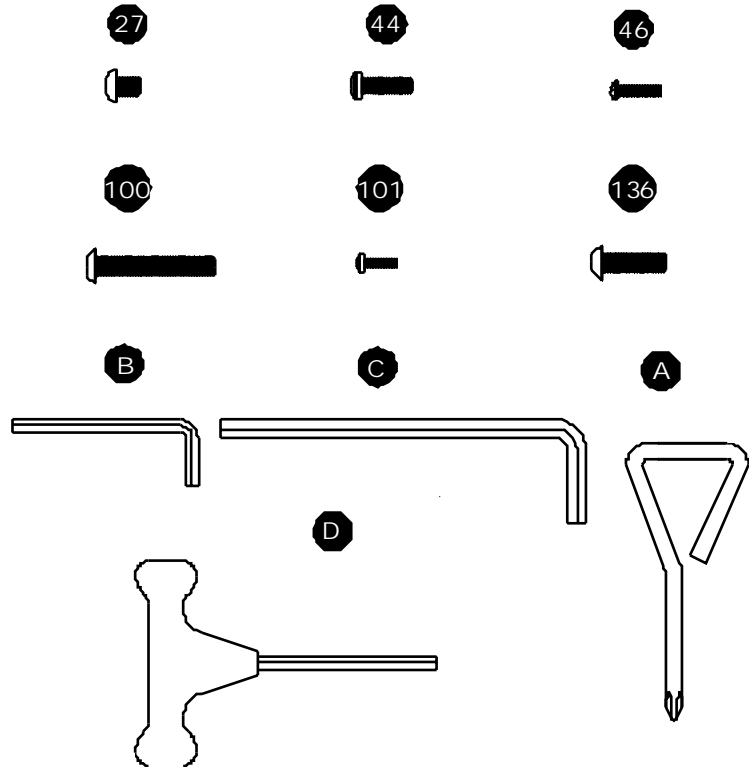| No.	Description	Qty.
42	Computer	1
43	Console Upright Tube	1
45	Computer Protect Cover	1
48	Handlebar -Left	1
50	Handlebar -Right	1
52	Back pad	1
62	Front Upright Cover	1
81	Main Frame	1
84	Bottle Holder	1
85	Water Bottle	1
97	Seat Post Cover	1
108	Hand Pulse Connect Bracket-Left	1
109	Hand Pulse Connect Bracket-Right	1
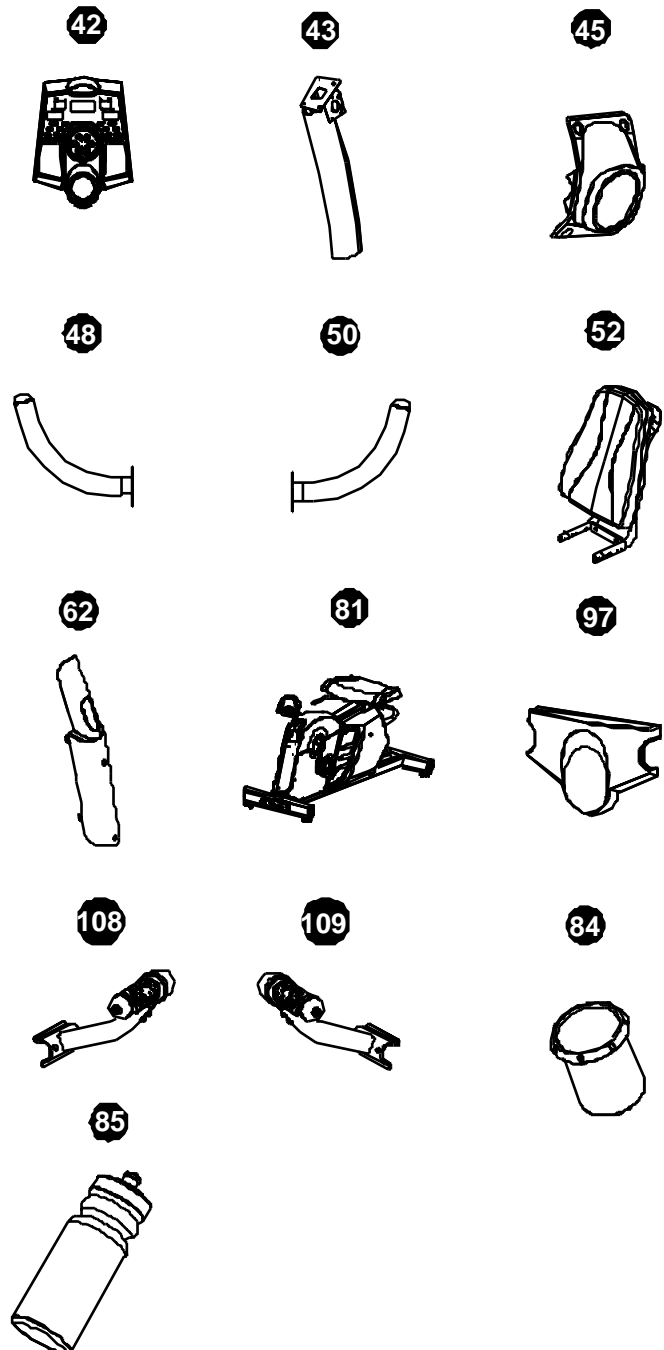
HARDWARE COMPARISON CHART

Hardware chart:

For your convenience, we have identified the hardware used in the assembly of this product. This chart is provided to help you identify those items that may be unfamiliar to you.

No.	Description	Qty.
27	M8 x 10mm Bolt	6
44	M6 x 15mm Screw	2
46	4 x 19mm Bolt	4
100	M8 x 45mm Bolt	8
101	4 x 9mm Screw	4
136	M8 x 25mm Bolt	2
A	5mm Allen Wrench	1
B	5mm Wrench	1
C	8mm Wrench	1
D	5mm Wrench	1

0 10 20 30 40 50 60 70 80 90 100

MILLIMETERS

PARTS LIST

No.	Description	Qty.	Order No.	No.	Description	Qty.	Order No.
1	M6 x 10mm Bolt	14	RB5-001	35	Crank Disk	1	RB5-035
2	Fly wheel Shock Absorber	2	RB5-002	36	20 x 30 x T2 Washer	1	RB5-036
3	12 x 22 x T0.5 Plastic Washer	3	RB5-003	37	3/4" Nut	2	RB5-037
4	6901ZZ Bearing	1	RB5-004	38	Crank - Right	1	RB5-038
5	Fly wheel Pulley	1	RB5-005	39	Seat Post	1	RB5-039
6	20 x 32 x T1 Plastic Washer	1	RB5-006	40	Rear Vent Cover - Left	1	RB5-040
7	6004ZZ Bearing	4	RB5-007	41	Rear Vent Cover - Right	1	RB5-041
8	One Way Bearing	1	RB5-008	42	Computer	1	RB5-042
9	Fly wheel	1	RB5-009	43	Console Upright Tube	1	RB5-043
10	N/A			44	M6 x 15mm Bolt	2	RB5-044
11	6201ZZ Bearing	1	RB5-011	45	Computer protect Cover	1	RB5-045
12	Fly wheel Fan	4	RB5-012	46	4 x 19mm Screws	4	RB5-046
13	Bushing	1	RB5-013	47	Hand Pulse Sensor	2	RB5-047
14	M6 x 25mm Bolt	4	RB5-014	48	Handlebar - Left	1	RB5-048
15	Generator System	1	RB5-015	49	Handlebar Casing	2	RB5-049
16	Fly wheel Axle	1	RB5-016	50	Handlebar - Right	1	RB5-050
17	M6 Ny lon Nut	4	RB5-017	51	Saddle	1	RB5-051
18	Fly wheel Axle Fixing Plate	1	RB5-018	52	Back Pad	1	RB5-052
19	4 x 19mm Screws	20	RB5-019	53	Back Pad Cover	1	RB5-053
20	Control Board	1	RB5-020	54	M8 x 10mm Bolt	6	RB5-054
21	M6 x 100mm Bolt	2	RB5-021	55	Aluminum Tube	1	RB5-055
22	Battery Upper	1	RB5-022	56	Seat Slider Bushing - Upper	1	RB5-056
23	Battery Lower	1	RB5-023	57	Hub Holder	1	RB5-057
24	Sensor	1	RB5-024	58	Pedal - Left	1	RB5-058
25	Battery	1	RB5-025	59	Hub	1	RB5-059
26	Resistor	1	RB5-026	60	Chain Cover - Front Left	1	RB5-060
27	M8 x 10mm Bolt	6	RB5-027	61	Vent Cover - Left	1	RB5-061
28	Stabilizer Tube Cap	4	RB5-028	62	Front Upright Cover	1	RB5-062
29	Crank Cap	2	RB5-029	63	Iron Plate Nut	8	RB5-063
30	3/8" Nut	2	RB5-030	64	Chain Cover - Front Right	1	RB5-064
31	Crank - Left	1	RB5-031	65	Vent Cover - Right	1	RB5-065
32	M6 x 12mm Bolt	4	RB5-032	66	Chain Cover - Rear Left	1	RB5-066
33	Crank Shaft	1	RB5-033	67	Small Vent Cover - Rear	1	RB5-067
34	Driv e Belt	1	RB5-034	68	Pedal - Right	1	RB5-068

PARTS LIST

| No.	Description	Qty.	Order No.	No.	Description	Qty.	Order No.
69	Chain Cover - Rear Right	1	RB5-069	103	Hand Pulse Wires - Lower	1	RB5-103
70	Computer Wire Lower	1	RB5-070	104	4 x 19mm Screws	5	RB5-104
71	Hand Pulse Wires - Upper	1	RB5-071	105	Hand Pulse Holder - Left	1	RB5-105
72	Computer Wire Upper	1	RB5-072	106	Hand Pulse Cap	2	RB5-106
73	Hand Pulse Wire - Middle	1	RB5-073	107	Hand Pulse Holder - Right	1	RB5-107
74	Computer Wire Middle	1	RB5-074	108	Hand Pulse Connect Bracket - Left	1	RB5-108
75	Hand Pulse Sensor Wires	1	RB5-075	109	Hand Pulse Connect Bracket - Right	1	RB5-109
76	Seat Slider Wheel - Rear	1	RB5-076	110	Seat Post Fixing Piece	1	RB5-110
77	M8 x 25mm Bolt	6	RB5-077	111	Fixing Ring	4	RB5-111
78	Spring Steel Piece	1	RB5-078	112	Seat Adjustment Pull Bar	1	RB5-112
79	Tension Pulley	1	RB5-079	113	Fixing Handlebar Foam Grip	2	RB5-113
80	Fixing Set for Console Upright	1	RB5-080	114	8mm C - Fixing	6	RB5-114
81	Main Frame	1	RB5-081	115	Fixing Tube	1	RB5-115
82	M5 x 8mm Bolt	2	RB5-082	116	M8 x 25mm Bolt	1	RB5-116
83	10 x 140mm Axle	1	RB5-083	117	M8 Nylon Nut	1	RB5-117
84	Bottle Holder	1	RB5-084	118	8 x 70mm Axle	1	RB5-118
85	Water Bottle	1	RB5-085	119	8mm Washer	1	RB5119
86	Level Adjusters	4	RB5-086	120	86 x 8mm Axle	2	RB5-120
87	Sensor Magnet	1	RB5-087	121	6 x 52mm Axle	2	RB5-121
88	M5 x 12mm Bolt	2	RB5-088	122	6mm C - Fixing	4	RB5-122
89	M10 x 100mm Bolt	1	RB5-089	123	Upper Brake	1	RB5-123
90	M10 Nylon Nut	3	RB5-090	124	Lower Brake	1	RB5-124
91	M8 x 50mm CAP Bolt	4	RB5-091	125	Brake support piece - Upper	1	RB5-125
92	Back Pad Handrail	1	RB5-092	126	Brake support piece - Lower	1	RB5-126
93	Cushion Cover - Upper	2	RB5-093	127	Spring	1	RB5-127
94	Cushion Cover - Lower	2	RB5-094	128	Seat Slider Wheel	1	RB5-128
95	Seat Slider Bushing - Lower	1	RB5-095	129	10 x 70mm Axle	1	RB5-129
96	Cushion	4	RB5-096	130	10mm Washer	4	RB5-130
97	Seat Post Cover	1	RB5-097	131	10mm C - Fixing	3	RB5-131
98	Back Pad Support Tube	1	RB5-098	132	Seat Post Support Bracket	1	RB5-132
99	M8 x 55mm Bolt	5	RB5-099	133	Seat Post Slider Wheel - Upper	1	RB5-133
100	M8 x 45mm Bolt	8	RB5-100	134	Seat Post Slider Wheel - Lower	1	RB5-134
101	4 x 9mm Screws	10	RB5-101	135	4 x 16mm Screws	2	RB5-135
102	M8 x 15mm Bolt	8	RB5-102	136	M8 x 25mm Bolt	2	RB5-136

PARTS DIAGRAM

A MAJORITY OF THE PARTS SHOWN HERE HAVE BEEN PREASSEMBLED AT THE FACTORY.
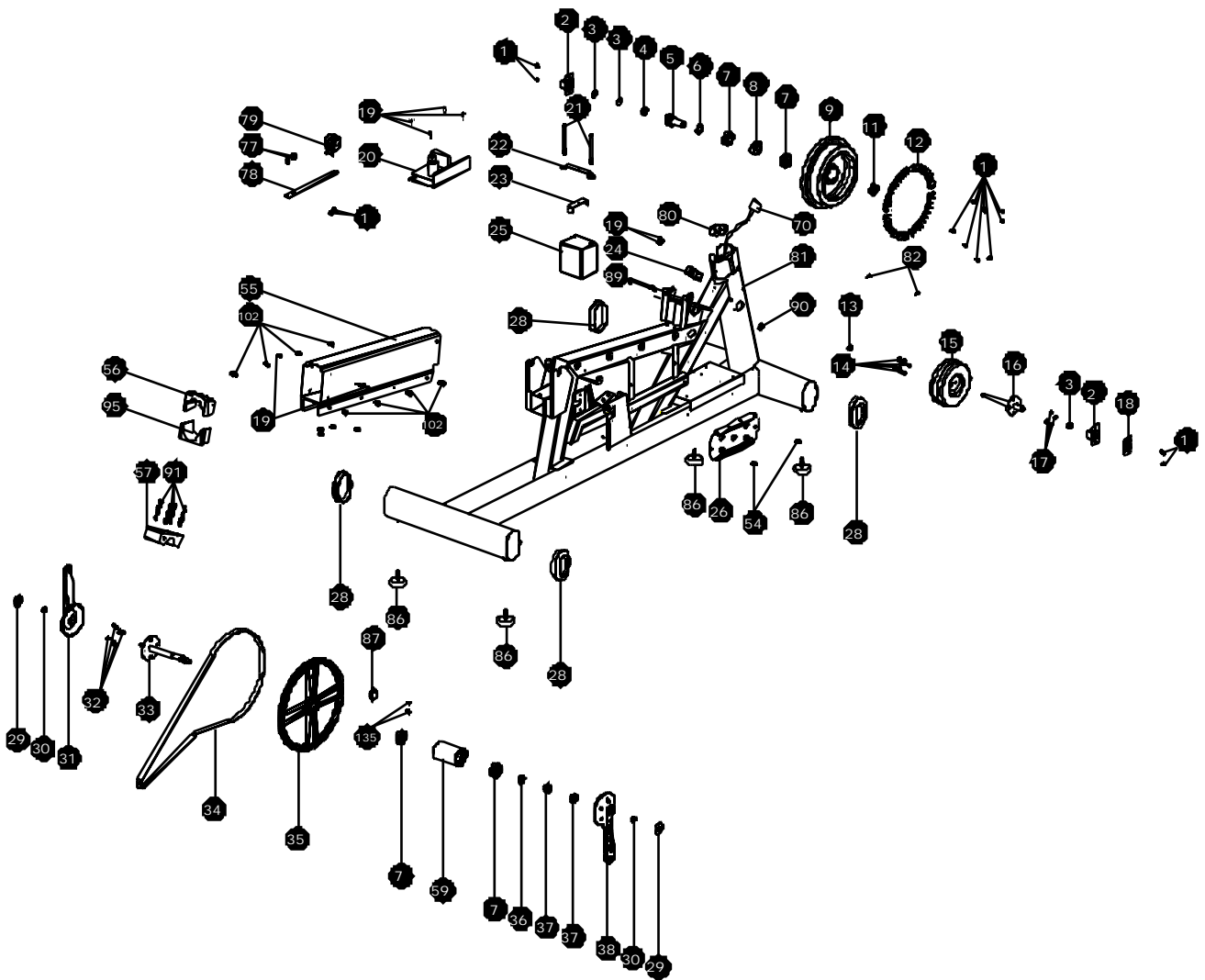
PARTS DIAGRAM

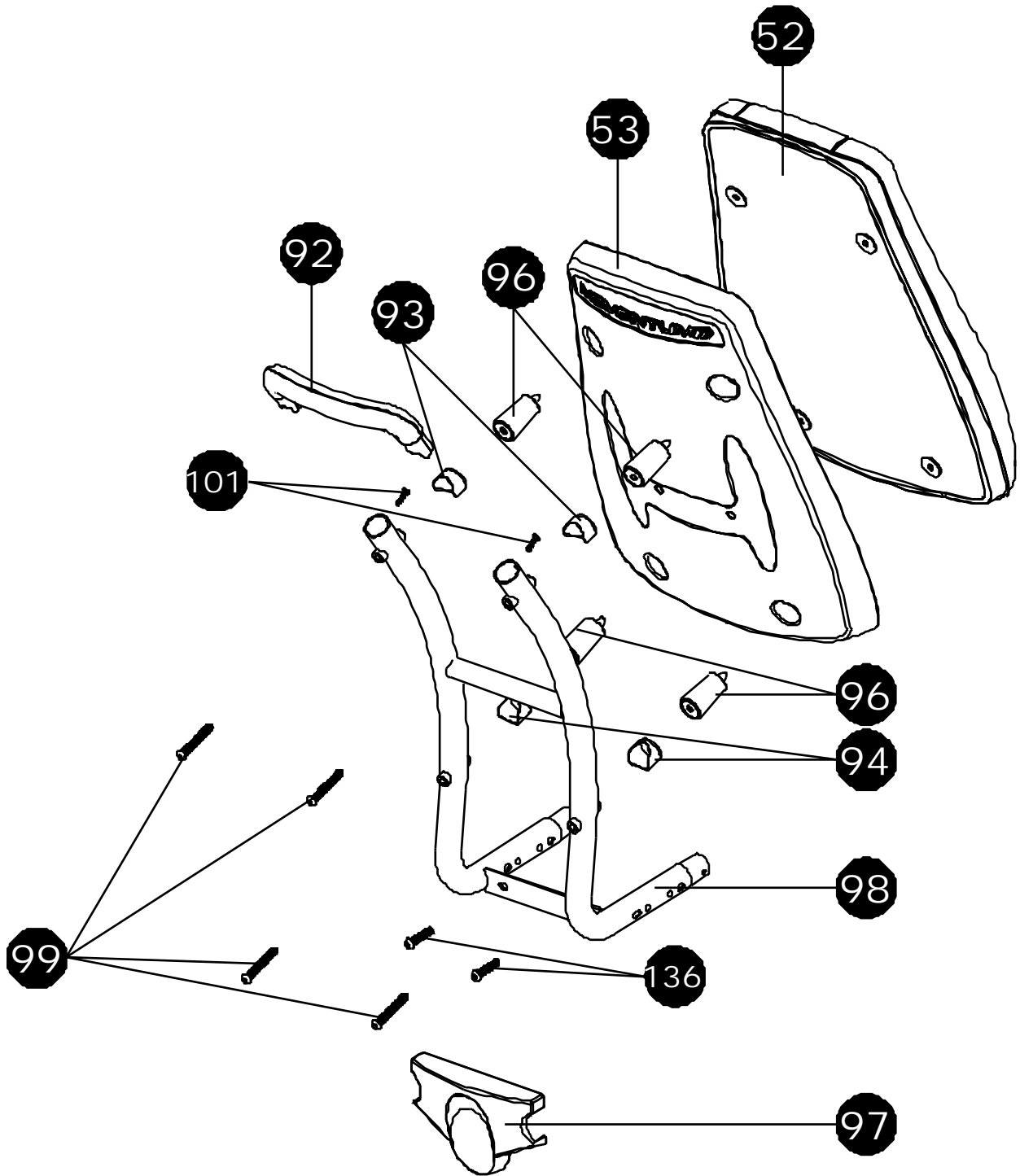A MAJORITY OF THE PARTS SHOWN HERE HAVE BEEN PREASSEMBLED AT THE FACTORY.

PARTS DIAGRAM

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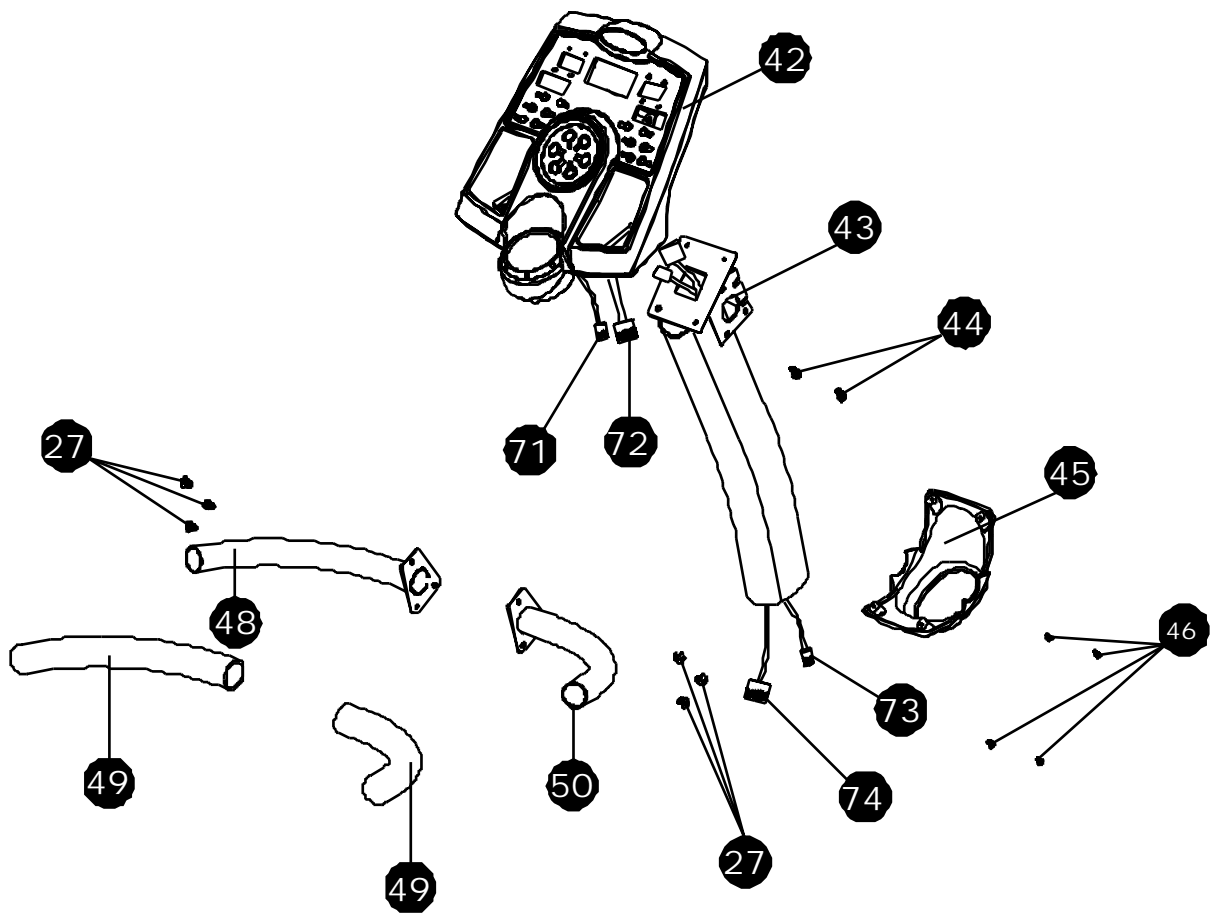
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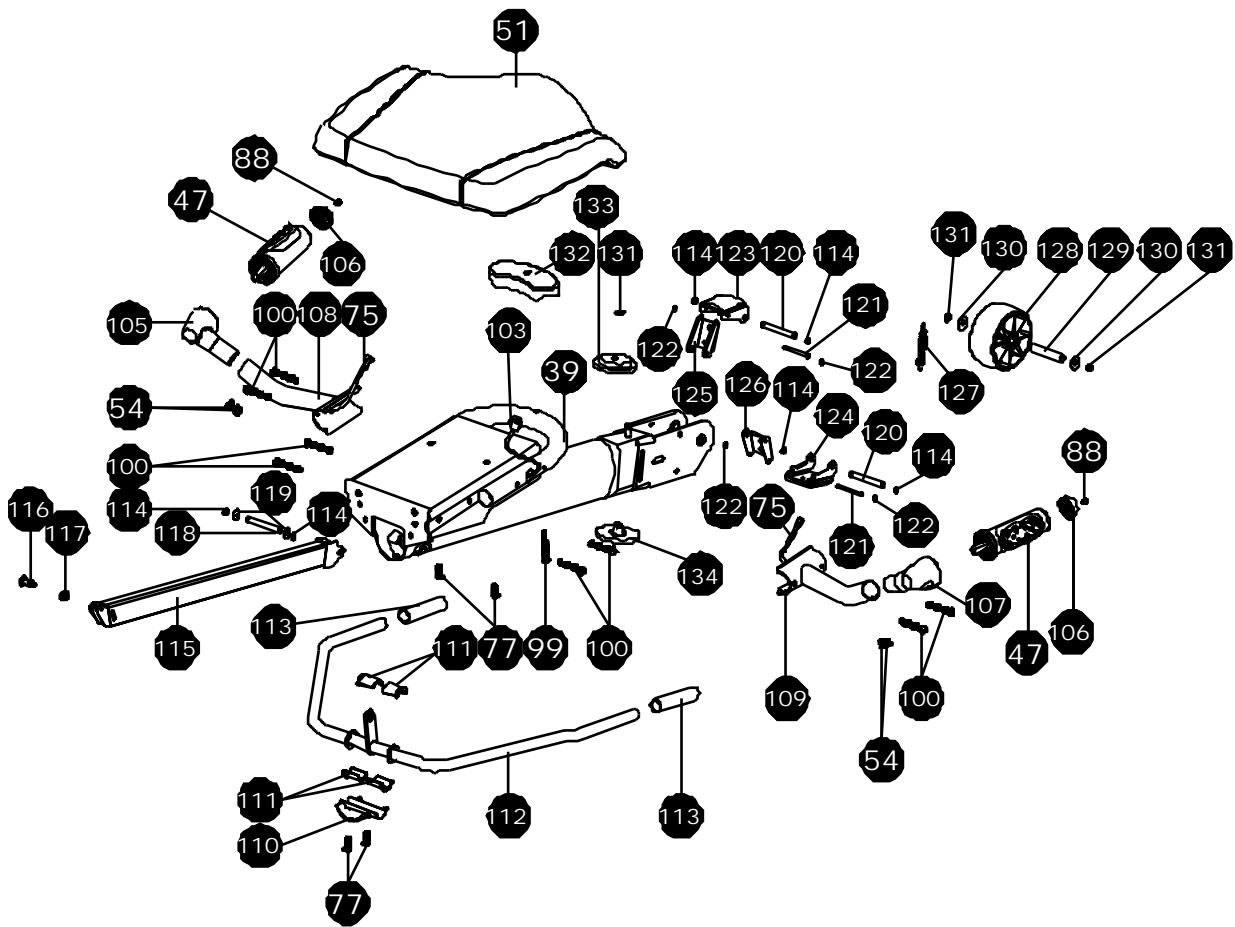
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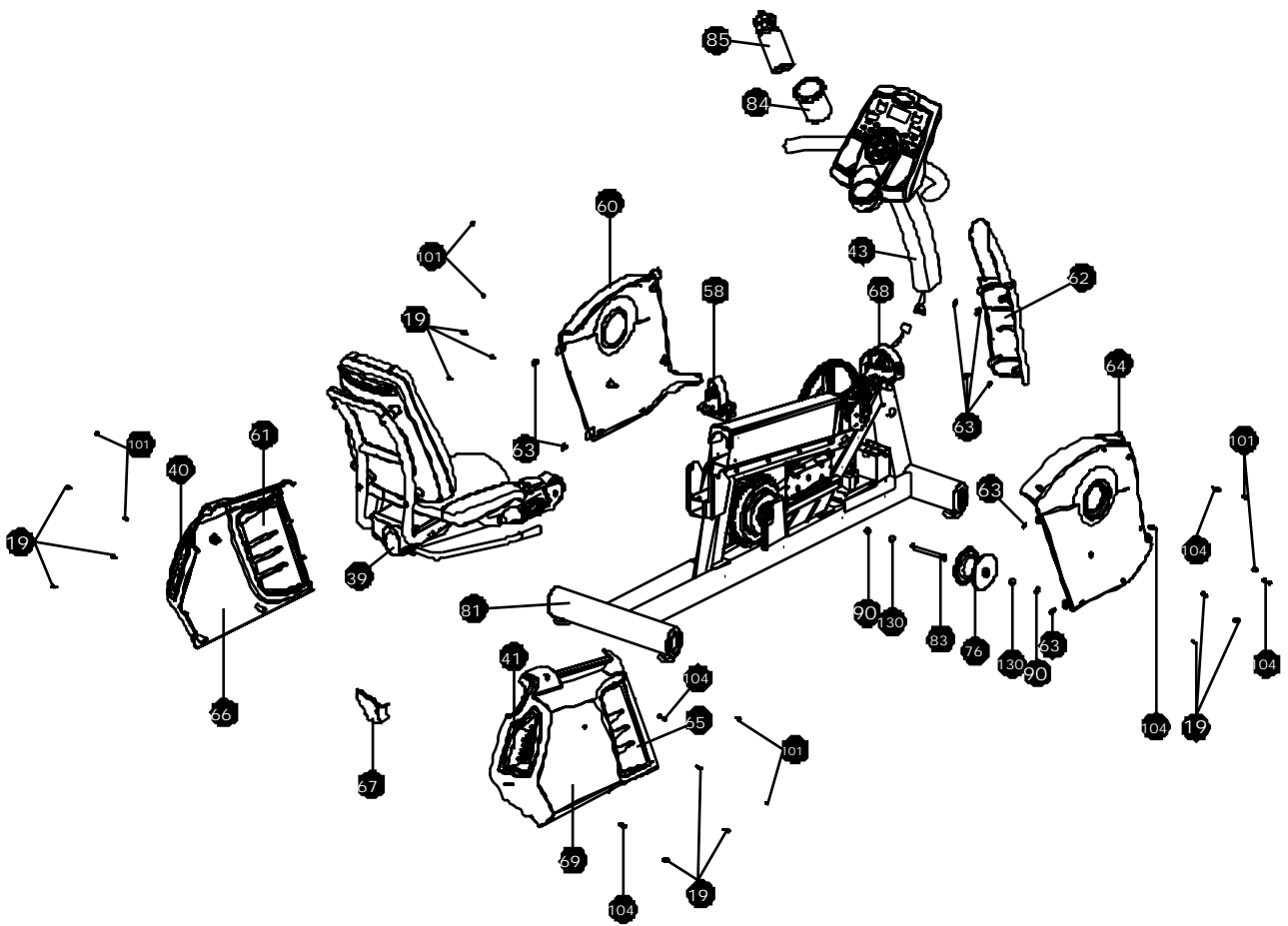
ASSEMBLY

STEP 1:

First connect the Computer Wire - Upper (72) to the Computer Wire - Middle (74) and the Hand Pulse Wire - Upper (71) to the Hand Pulse Wire - Middle (73). Then attach the Computer (42) to the Console Upright Tube (43) and secure using two M6 x 15mm Bolts (44).

Attach the Handlebar – Left (48) to the Console Upright Tube (43) and secure using three M8 x 10mm Bolts (27). Attach the Handlebar – Right (50) to the Console Upright Tube (43) and secure using three M8 x 10mm Bolts (27).

NOTE: Make sure all wires are recessed into the tube, do not trap or pinch any of the wires.

44 **x2**

27 **x6**
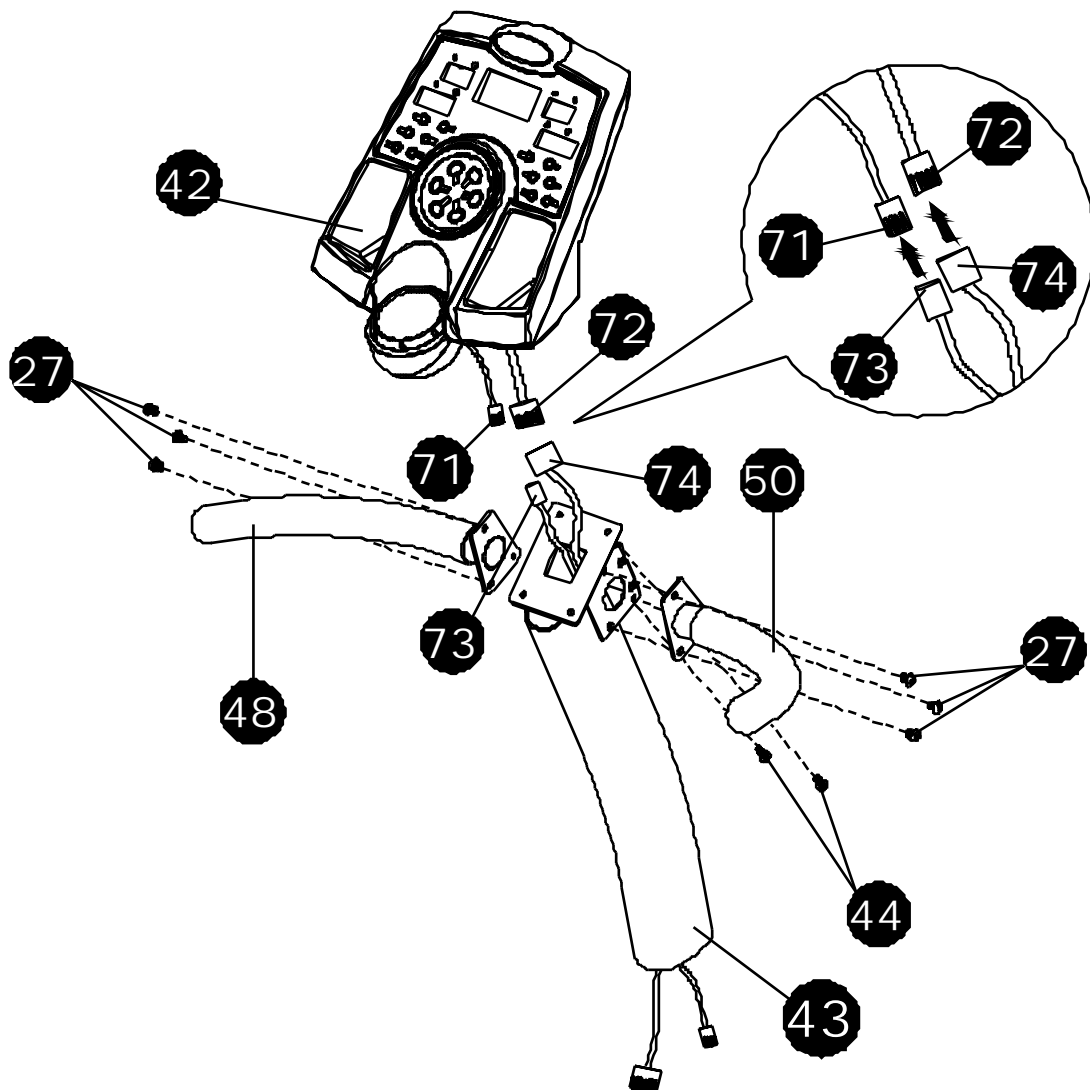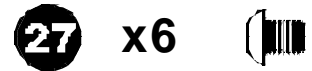
ASSEMBLY

STEP 2:

Slide the Computer Protect Cov er (45) onto the Console Upright Tube (43) and attach to the Computer – Bottom (42) with four 4 x 19mm Screws (46).

46   **x4**   ⫞▬▬
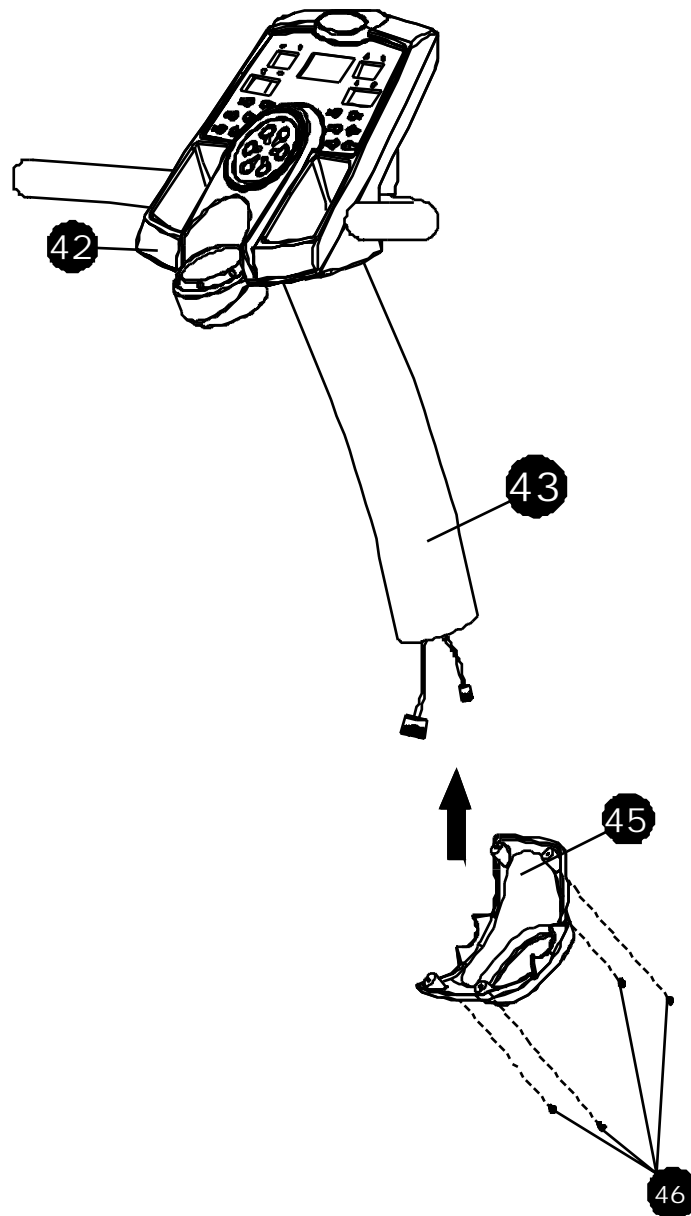
ASSEMBLY

STEP 3:

Connect the Computer Wire – Middle (74) to the Computer Wire – Lower (70) and the Hand Pulse Wire – Middle (73) to the Hand Pulse Wire – Lower (103). Insert any extra cable length into the Console Upright Tube (43).

Insert the Console Upright Tube (43) into the Main Frame (81) and secure by tightening the one Bolt as shown.
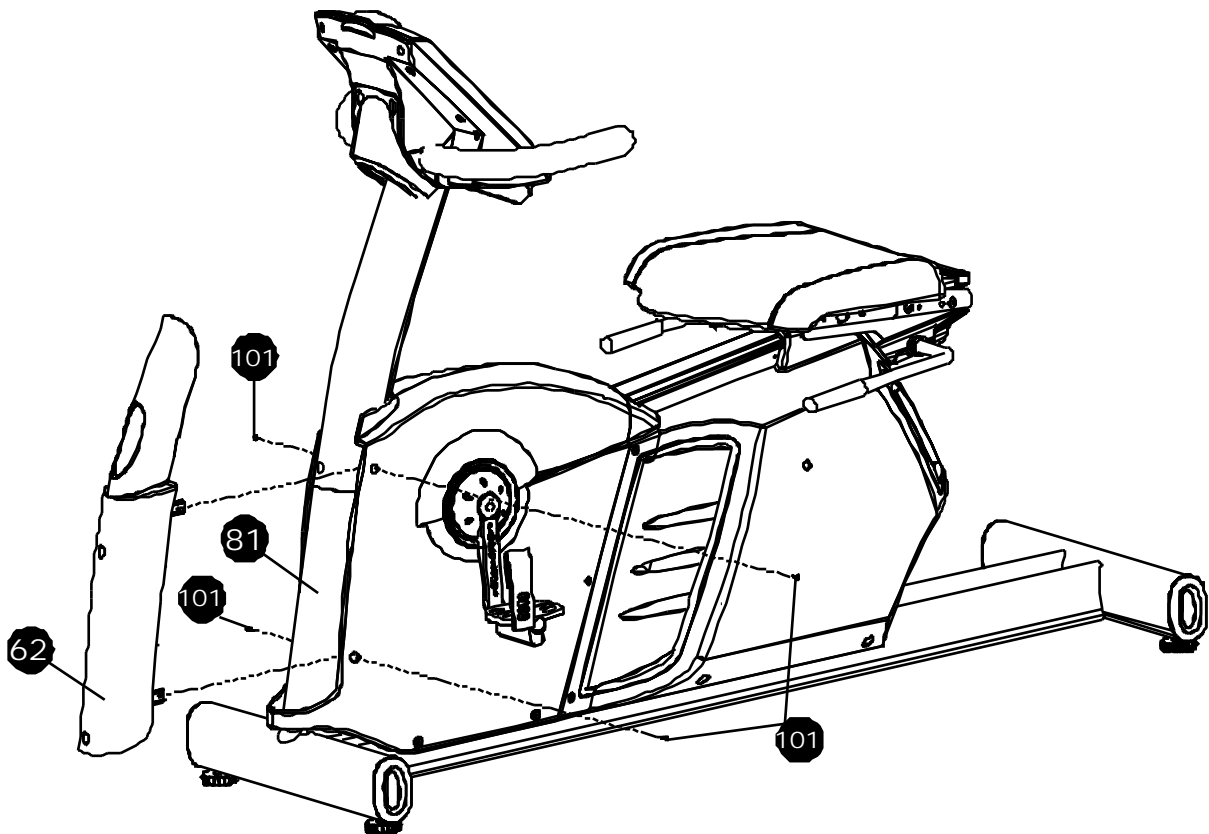
NOTE: Make sure all wires are recessed into the tube, do not trap or pinch any of the wires.

C x1

8mm Wrench
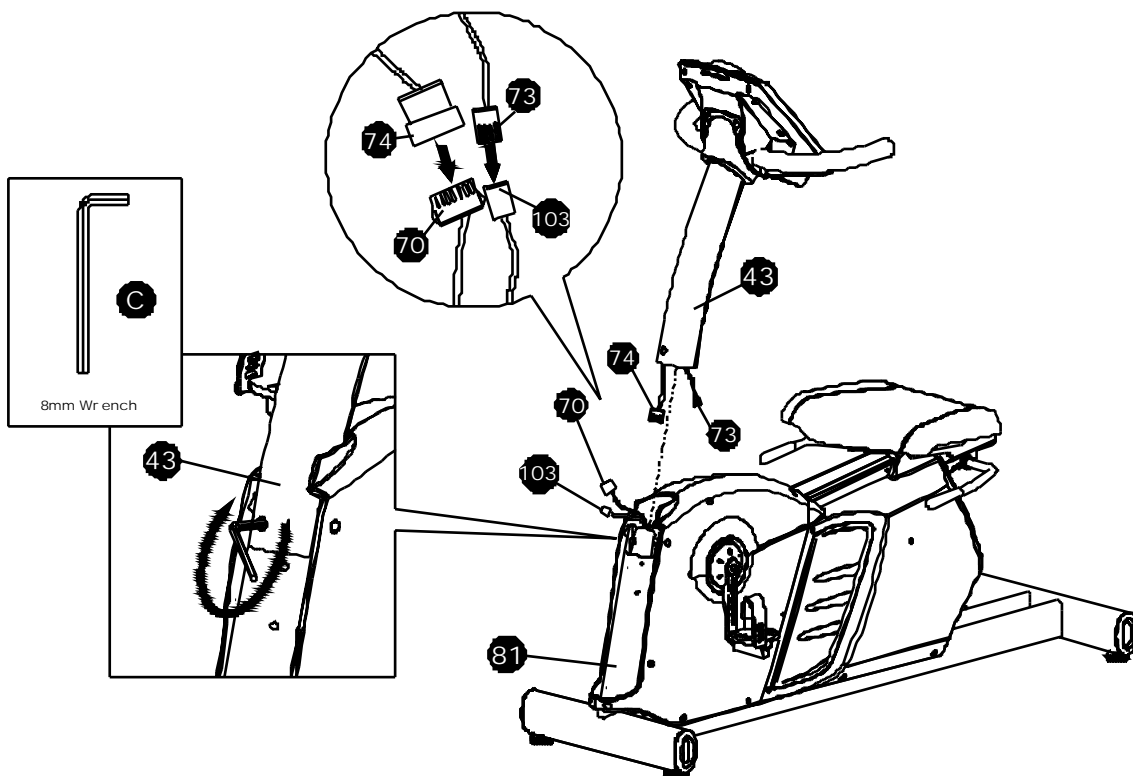
ASSEMBLY

STEP 4:

Attach the Front Upright Cover (62) to the Main Frame (81) and secure using four 4 x 9mm Screws (101).

101 **x 4**

ASSEMBLY

ASSEMBLY

STEP 5:

Connect the Hand Pulse Sensor Wires (75) and Hand Pulse Wires – Lower (103) as shown.

Attach the Hand Pulse Connect Bracket – Right (109) to the Seat Post (39) and secure using two M8 x 50mm Bolts (100). Then attach the Hand Pulse Connect Bracket – Left (108) to the Seat Post (39) and secure using two M8 x 50mm Bolts (100).

NOTE: Make sure the wires are recessed into the tube, do not trap or pinch the wires.
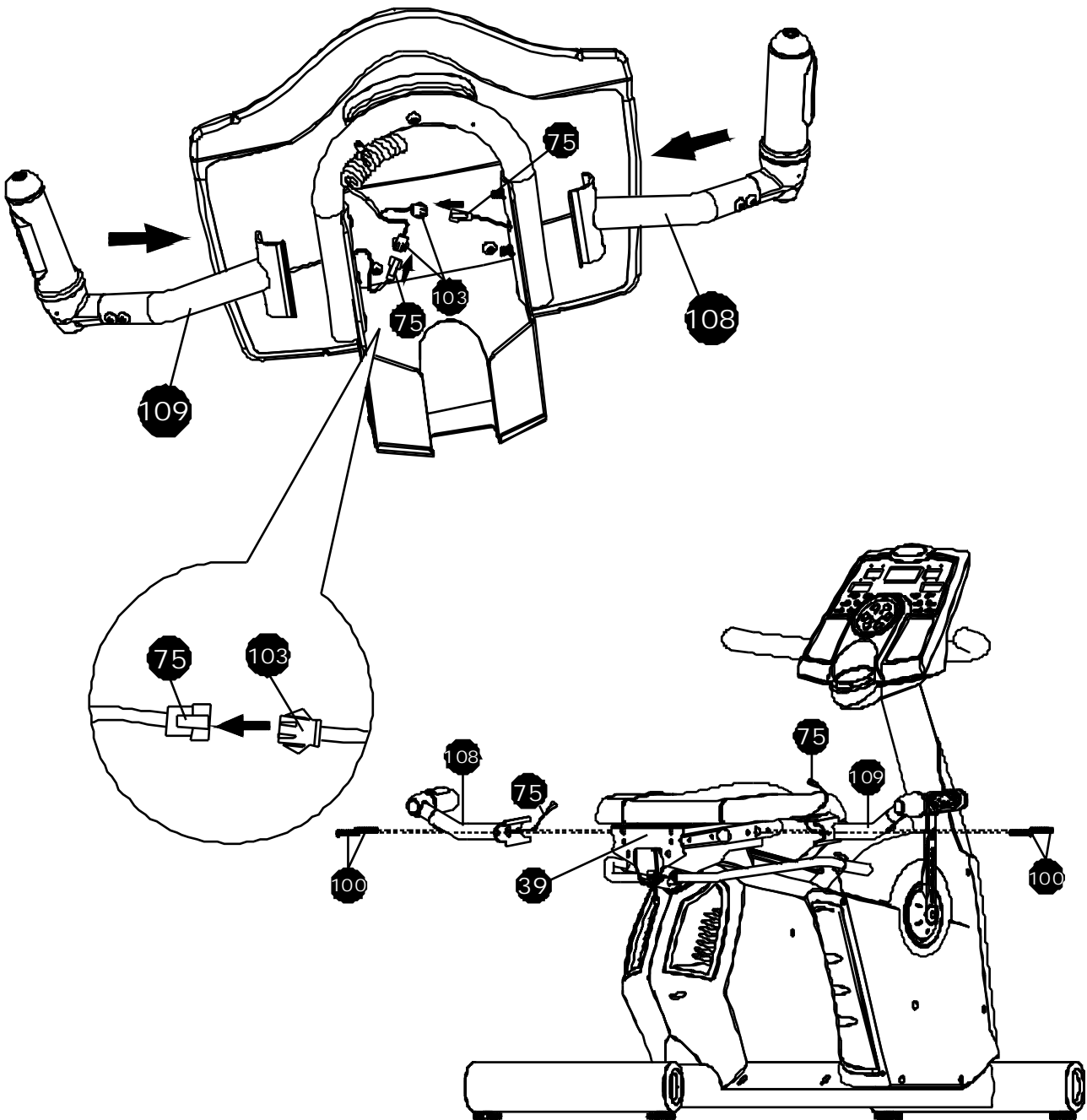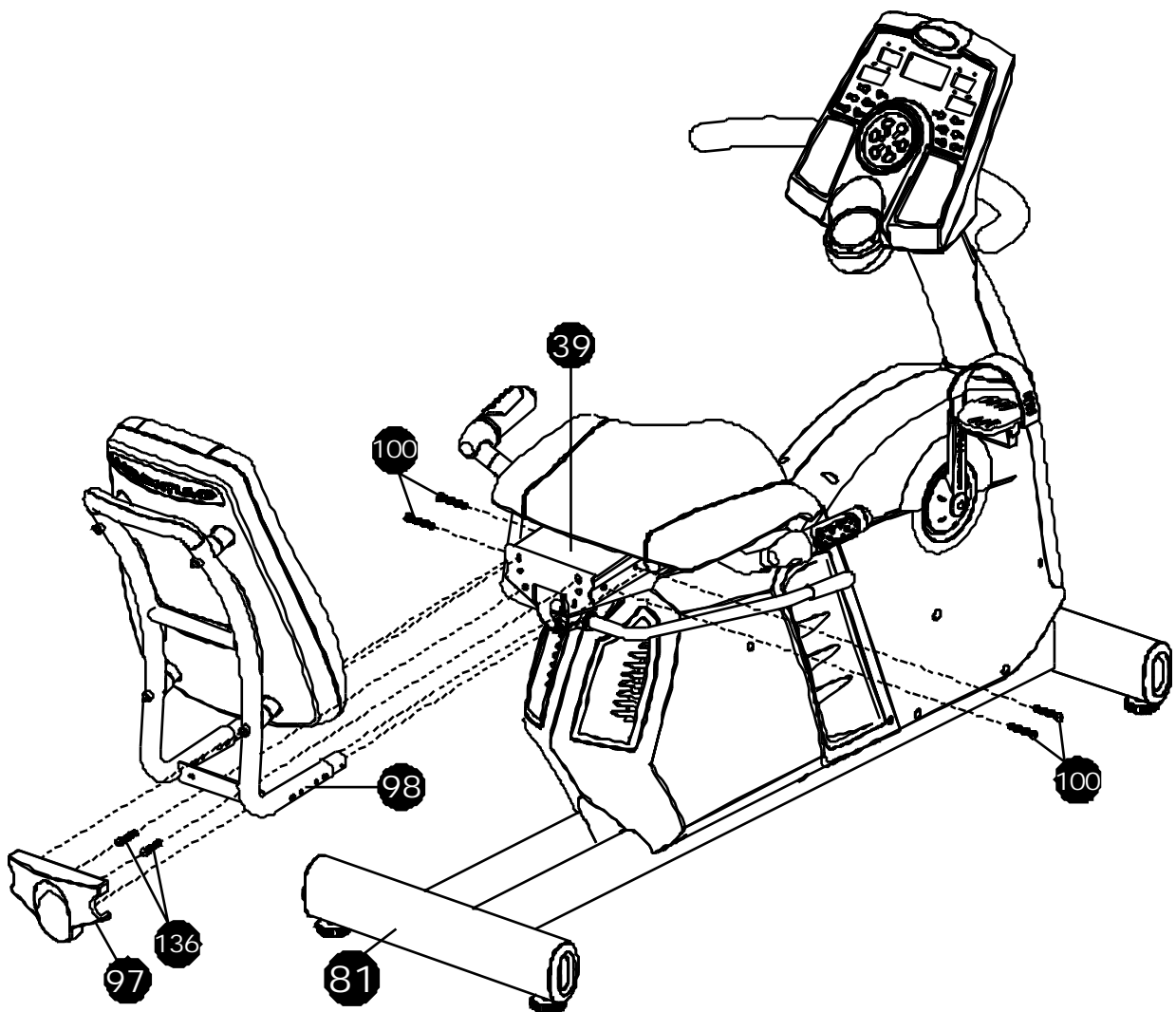
100 **x4**

ASSEMBLY

STEP 6:

Attach the Back Pad Support Tube (98) to the Seat Post (39) and secure using four M8 x 50mm Bolts (100) and two M8 x 25mm Bolts (136).

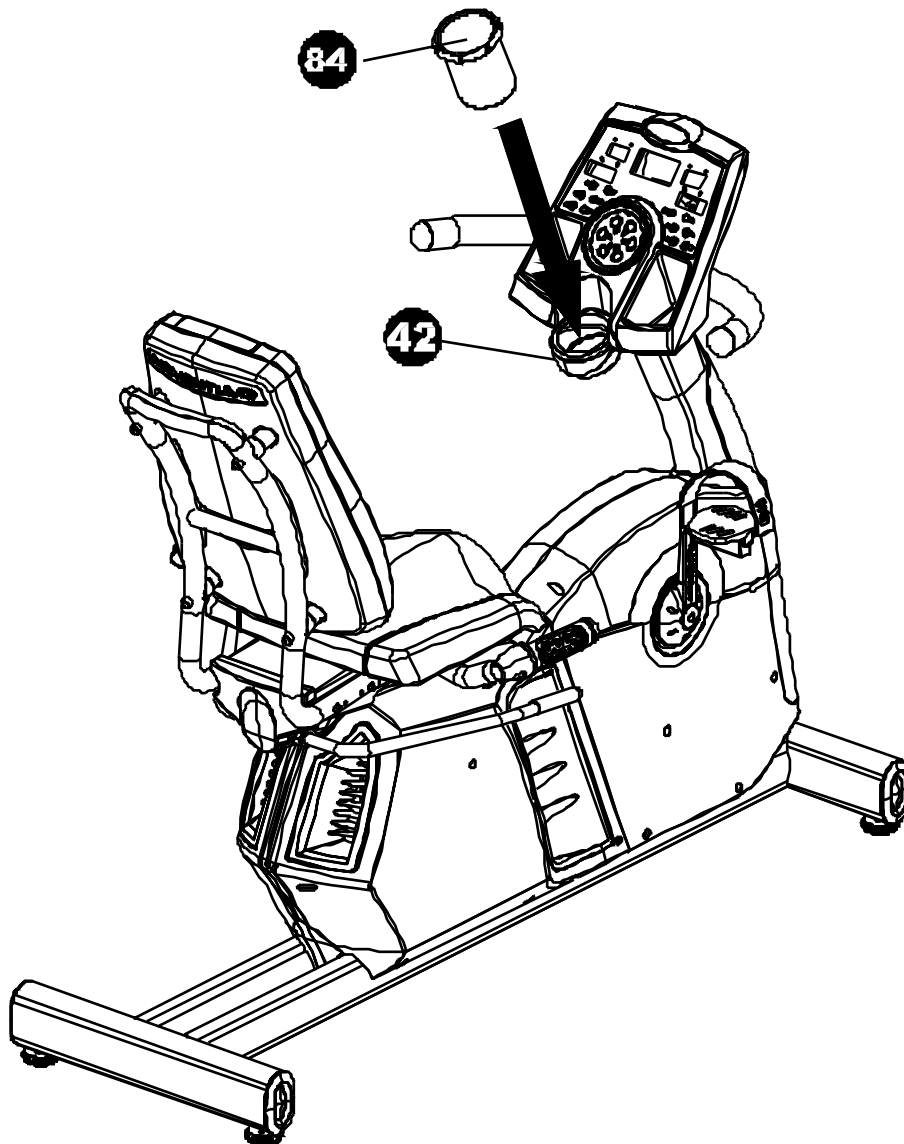Attach the Seat Post Cover (97) to the Back Pad Support Tube (98).

100 x4

136 x2

ASSEMBLY

STEP 7:

Insert the Bottle Holder (84) into the Computer (42).

Congratulations your RB5 Recumbent Bike has been fully assembled.


ASSEMBLY

LEVEL ADJUSTMENT

LEVEL ADJUSTMENT:

To adjust the levelers follow these instructions:

You will need someone to help you with this procedure, as you will need to tip recumbent bikes on its side.

Tip the recumbent bike to the left/right. You will then see the LEVEL ADJUSTERS. These will need to be screwed either in or out to level the recumbent bike. Repeat for the other side. It may help to use a spirit level when adjusting the level on your recumbent bike.
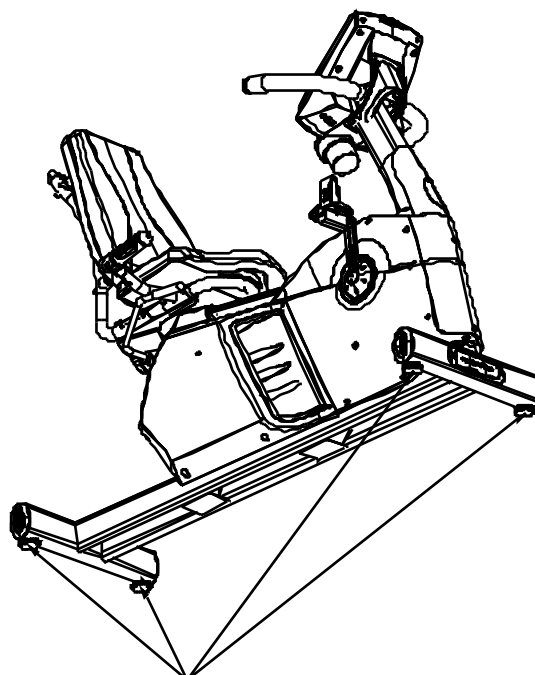
Please find 4 adjustable stabilizers and 4
installed casters underneath the base frame

Floor

stabilizer
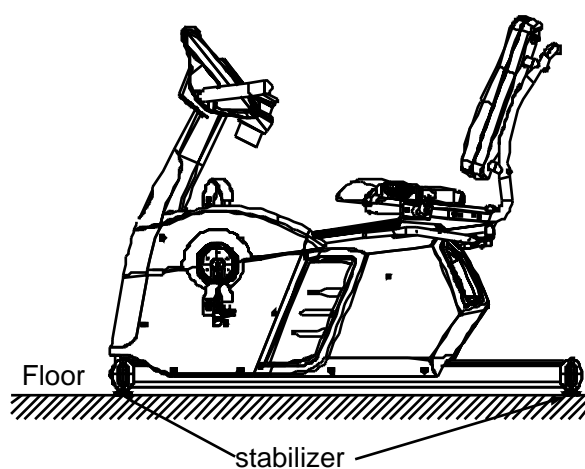
SEAT ADJUSTMENT

SEAT ADJUSTMENT:

Pull up on the Seat Adjustment Pull Bar located underneath the seat. Slide the seat forward or backward to your desired position as shown. Push the Seat Adjustment Pull Bar down to lock the seat position.
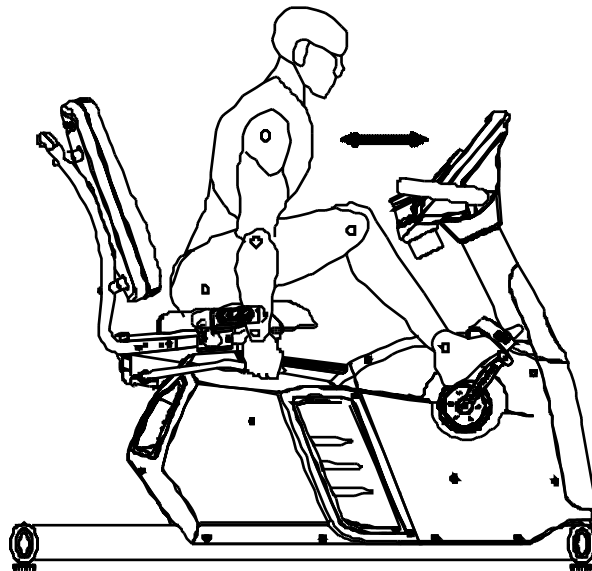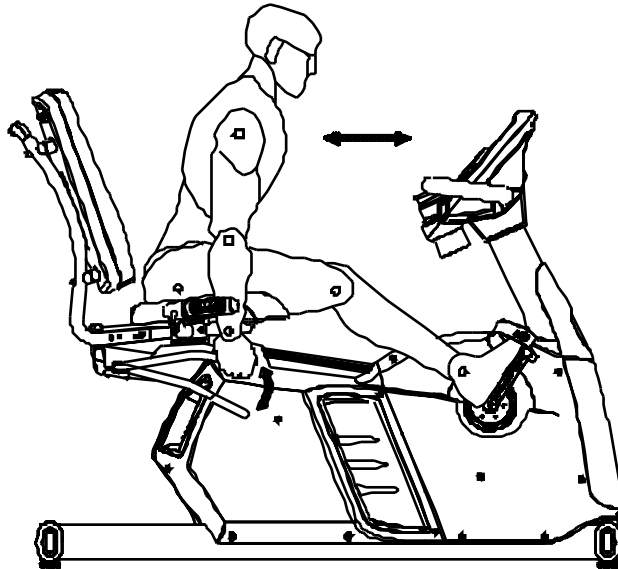
COMPUTER OPERATION
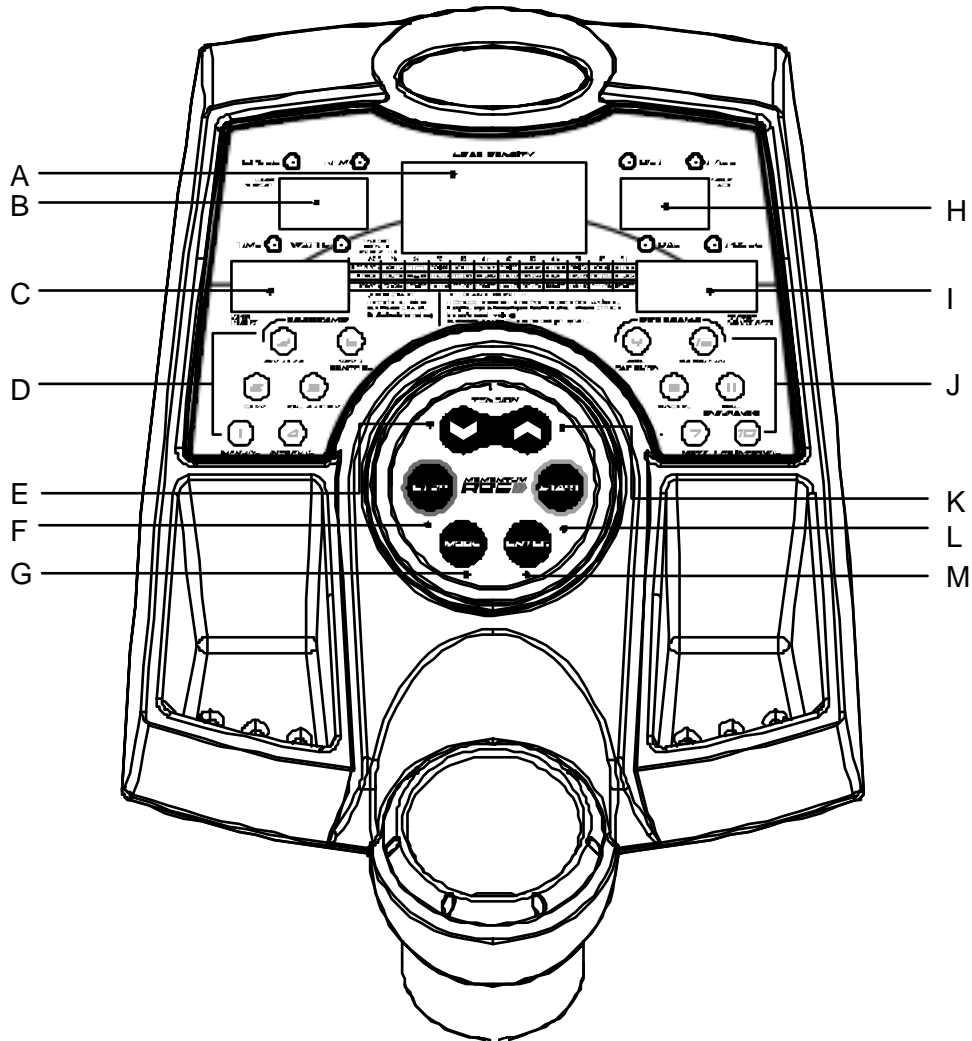
LOAD DENSITY	A	B	SPEED/RPM
TIME/WATTS	C	D	PRESET PROGRAMS
UP	E	F	STOP
MODE	G	H	DISTANCE/PACE
CALORIES/PULSE	I	J	PRESET PROGRAMS
DOWN	K	L	START
ENTER	M		

COMPUTER INSTRUCTIONS

BUTTONS AND FUNCTIONS

STOP:
Press STOP to pause the functions during your exercise program. All the data on the display will freeze. Press START to resume the program and all the data displayed will continue until the program has finished. If the STOP button is pressed twice, all the data will return to 0 and the computer will return to POWER ON status.

START:
Press START to begin your exercise.

ENTER:
Press ENTER to confirm the setting of program.

MODE:
Switches the LED window display information between SPEED/TIME/DISTANCE/CALORIES and RPM/WATTS/PACE/PULSE.

SPEED:
Displays current exercise speed.

LEVEL:
Displays the current level of intensity of your exercise program.

CALORIES:
Count up: this measures total calories burned during exercise.

Count down: if you have set the number of calories, the computer will count down from that preset number down to zero. This data is a guide and should not be used for medical assessment. Please note when setting a target this is in blocks of 10 from 0 to 990.

TENSION (RESISTANCE):
Displays the current resistance level from 1 to 20.

DISTANCE:
Count up: this measures the total distance from 0 to 99.9 Km / Mile.

Count down: if you have set the target distance, the computer will count down from that preset distance down to zero as soon as you start exercising.

WATT:
This displays your current wattage output.

TIME:
Count up: the computer measures total exercise time from 16:00 up to 99:00.
Count down: if you have set the target time, the computer will count down from that preset time down to 0:00.

QUICK START:
When the bike is in the POWER ON status, press the START button to activate the QUICK START program. The TIME, DISTANCE and CALORIES will count up when you start exercising.

PROGRAM:

To select one of the User programs, you will need to set up a user profile. To input new information, please follow the procedure below:

WEIGHT set up – After the User Code has been confirmed the TIME display will show 68kg/150lbs or the previous setting and begin flashing. Press the UP/DOWN button to adjust the user weight information then press ENTER to confirm.

HEIGHT set up – After the WEIGHT has been confirmed the DISTANCE display will show 170cm/67 inches or the previous setting and begin flashing. Press the UP/DOWN button to adjust the user height information then press ENTER to confirm.

COMPUTER INSTRUCTIONS

AGE set up – After the HEIGHT has been confirmed the CALORIES display will show 35 or the previous setting and begin flashing. Press the UP/DOWN button to adjust the user age information then press ENTER to confirm.

SEX set up – After the AGE has been confirmed the LOAD DENSITY display will show M (Male) and begin flashing. Press the UP/DOWN button to adjust the user sex to M (Male) or F (Female) then press ENTER to confirm.

ENGLISH to METRIC conversion:

The bike computer display can show both ENGLISH and METRIC information. If you want to change from ENGLISH to METRIC, please follow the procedure below:

1. When the bike is in the power on status, press and hold both the ENTER and STOP buttons for 3 seconds. The LOAD DENSITY display will show a blinking ML.
2. Press the UP or DOWN buttons to switch between ENGLISH (ML) and METRIC (KM) then press the ENTER button to confirm the selection and return to POWER ON status.

P1 TO P12 PROGRAMS SELECTION PROCEDURE

P1: MANUAL

After you have pressed the P1 MANUAL program button, the display will show the default user profile. Input the user profile then the TIME display will show 30:00. Press the UP/DOWN button to adjust the target time then press ENTER to confirm. Press START to begin the exercise program. The TIME will start to count down to 0:00 then the program will stop automatically. To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P2: GOAL

After you have pressed the P2 GOAL program button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 0:00. Press the UP/DOWN button to adjust the target time then press ENTER to confirm. Repeat the same procedure to set up your goal on DISTANCE, CALORIES and TARGET HEART RATE. Press START to begin the exercise program. To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P3: RANDOM

After you have pressed the P3 RANDOM, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust workout time then press ENTER to confirm. Press START to begin the exercise program.

The RANDOM program has 50 different RESISTANCE based programs. If while exercising, you find the level of RESISTANCE too intense you can press the UP/DOWN button to decrease the resistance.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

COMPUTER INSTRUCTIONS

P4: INTERVAL

After you have pressed P4 INTERVAL, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm.
The RPM display will show a blinking L1. Press the UP/DOWN button to select the workout intensity level from L1 to L10 then press ENTER to confirm. Press START to begin the exercise program.
The aim of an INTERVAL program is to exercise at levels of LOW and HIGH intensity for short periods of time. There is one profile with 10 different levels of intensity. The resistance will be changed automatically while exercising according to the following profile.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

INTERVAL Profile: If the user sets the workout time for more than 20 minutes the computer will average the workout time into 20 sections as the following Resistance Profile table shows, i.e. input 40 minutes and the computer will operate in 2 minute intervals for each section displayed. If the user sets the workout time for less than 20 minutes, the computer will operate in 1 minute intervals for each section displayed until the time runs out, i.e. input 12 minutes and the program will run for 12 sections at 1 minute per section.

RESISTANCE PROFILE																				
Intensity Level	Resistance Level per Section (20 total)																			
L1	1	11	11	1	1	11	11	1	1	11	11	1	1	11	11	1	1	11	11	1
L2	2	12	12	2	2	12	12	2	2	12	12	2	2	12	12	2	2	12	12	2
L3	3	13	13	3	3	13	13	3	3	13	13	3	3	13	13	3	3	13	13	3
L4	4	14	14	4	4	14	14	4	4	14	14	4	4	14	14	4	4	14	14	4
L5	5	15	15	5	5	15	15	5	5	15	15	5	5	15	15	5	5	15	15	5
L6	6	16	16	6	6	16	16	6	6	16	16	6	6	16	16	6	6	16	16	6
L7	7	17	17	7	7	17	17	7	7	17	17	7	7	17	17	7	7	17	17	7
L8	8	18	18	8	8	18	18	8	8	18	18	8	8	18	18	8	8	18	18	8
L9	9	19	19	9	9	19	19	9	9	19	19	9	9	19	19	9	9	19	19	9
L10	10	20	20	10	10	20	20	10	10	20	20	10	10	20	20	10	10	20	20	10

P5: X-COUNTRY

After you have pressed P5 X-COUNTRY, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm.
The RPM display will show a blinking L1. Press the UP/DOWN button to select the workout intensity level from L1 to L18 then press ENTER to confirm. Press START to begin the exercise program.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

COMPUTER INSTRUCTIONS

X-COUNTRY Profile: If the user sets the workout time for more than 20 minutes, the computer will average the workout time into 20 sections as the following Resistance Profile table shows, i.e. input 40 minutes and the computer will operate in 2 minute intervals for each section displayed. If the user sets the workout time for less than 20 minutes the computer will operate in 1 minute intervals for each section until the time runs out, i.e. input 12 minutes and the program will run for 12 sections at 1 minute per section.

RESISTANCE PROFILE																				
Intensity Level	Resistance Level per Section (20 total)																			
L1	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
L2	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4	2	4
L 3	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5	3	5
L 4	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6	4	6
L 5	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7
L 6	6	8	6	8	6	8	6	8	6	8	6	8	6	8	6	8	6	8	6	8
L 7	7	9	7	9	7	9	7	9	7	9	7	9	7	9	7	9	7	9	7	9
L 8	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10	8	10
L 9	9	11	9	11	9	11	9	11	9	11	9	11	9	11	9	11	9	11	9	11
L 10	10	12	10	12	10	12	10	12	10	12	10	12	10	12	10	12	10	12	10	12
L 11	11	13	11	13	11	13	11	13	11	13	11	13	11	13	11	13	11	13	11	13
L 12	12	14	12	14	12	14	12	14	12	14	12	14	12	14	12	14	12	14	12	14
L 13	13	15	13	15	13	15	13	15	13	15	13	15	13	15	13	15	13	15	13	15
L 14	14	16	14	16	14	16	14	16	14	16	14	16	14	16	14	16	14	16	14	16
L 15	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17
L 16	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18	16	18
L 17	17	19	17	19	17	19	17	19	17	19	17	19	17	19	17	19	17	19	17	19
L 18	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20	18	20

P6: WATT CONTROL

After you have pressed the P6 WATT CONTROL button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm. The RPM display will show the default workout watt setting of 110W. Press the UP/DOWN button to adjust the workout watts then press ENTER to confirm. Press START to begin the exercise program.

The resistance will be changed automatically while exercising. The program will change the resistance automatically to match the user watts setting.

COMPUTER INSTRUCTIONS

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P7: METs (Metabolic Equivalents)

Press the P7 METs button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm. The RPM display will show a blinking 2.0. Press the UP/DOWN button to select the METs level of the workout from 1.0 – 16.0 then press ENTER to confirm. Press START to begin the exercise program.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P8: RACING

After you have pressed the P8 RACING button, the display will show the default user profile. Input the user profile then the DISTANCE display will show 20 Km (12.5 Mile). This is the target distance in the RACING program. Press the START button to begin the exercise program.

During the program the target distance will count down to zero. The first row from top of the LOAD DENSITY LED display shows the distance completed by the computer. The second row from top of LOAD DENSITY LED display shows the distance completed by the user. The user can race against the computer to see who completes the total distance first.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P9: HRC FAT BURN

After you have pressed the P9 HRC FAT BURN button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm. The PULSE display will show the default target heart rate of 157. Press the UP/DOWN button to adjust the target heart rate. Press START to begin the exercise program.

The resistance will start from 1 when you begin this program. If the actual user heart rate does not reach the target heart rate, the resistance will increase by one level every 30 seconds until the actual user heart rate reaches the target heart rate. If the actual heart rate is higher than target heart rate, then the resistance will be reduced by one level every 30 seconds until the actual heart rate meets the target heart rate.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P10: HRC INTERVAL

After you have pressed the P10 HRC INTERVAL button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm. The PULSE display will show the default target heart rate of 157. Press the UP/DOWN button to adjust the target heart rate. Press START to begin the exercise program.

The resistance will start from 1 when you begin this program. If the actual user heart rate does not reach the target heart rate, the resistance will increase by one level every 30 seconds until the actual user heart rate reaches the target heart rate. The resistance will be reduced by one level every 30 seconds when actual user heart rate reaches the target heart rate. Then the resistance starts to increase again when the actual user heart rate decreases to 85% of the target heart rate.

COMPUTER INSTRUCTIONS

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P11: HRC ENDURANCE

After you have pressed the P11 HRC ENDURANCE button, the display will show the default user profile. Input the user profile then the TIME display will show a blinking 30:00. Press the UP/DOWN button to adjust the workout time then press ENTER to confirm. The PULSE display will show the default target heart rate of 157. Please note the users TARGET HEART RATE will be adjusted with the user AGE according to the factory setting. The factory TARGET HEART RATE setting is based on 85% of the maximum heart rate. The maximum heart rate is calculated as 220 minus the user age. Example: For a 35-year old user the maximum user heart rate should be 185 (220 – 35 = 185) and 85% of the maximum user heart rate is 157. The user cannot adjust the target heart rate in this program. Press START to begin the exercise program.

The resistance will start from level 1 when you begin this program. If the actual user heart rate does not reach the target heart rate, the resistance will increase by one level every 30 seconds until the actual user heart rate reaches the target heart rate. If the actual user heart rate is under the target heart rate, the resistance will increase by one more level every 30 seconds.

The aim of this program is to keep the actual user heart at or above the target heart rate.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

P12: PERSONAL

The PERSONAL program allows users to design and store their own preset workout programs in the computer. The maximum time duration is 60 minutes.

After you have pressed the P12 PERSONAL button, the display will show the default user profile. Input the user profile then press the MODE button to start setting up the new program. The first line of the LOAD DENSITY display will light up and blink. Press the UP/DOWN button to set the resistance level in first minute. After completing the set up for the first minute of resistance, press the MODE button. The second line of the LOAD DENSITY display will start blinking. Follow the same procedure to set up the entire program. When the program set up is complete, press the START button to run the program. The program will automatically be saved in the computer for future use.

To increase or decrease the resistance while exercising, press the UP/DOWN button.

To pause the program while exercising, press the STOP button. To resume exercising, press the START button.

IMPORTANT STEPS

Warning:

Before using this product, please consult your personal physician for a complete physical examination. Frequent and strenuous exercise should be approved by your doctor first. If any discomfort should result from your use of this product, stop exercising and consult your doctor. Proper usage of this product is essential. Please read your manual carefully before exercising.

Please keep all children away from the equipment during use and when equipment is unattended.

Always wear appropriate clothing, including athletic shoes, when exercising. Do not wear loose clothing that could become caught during exercising.

Make sure that all bolts and nuts are tightened when equipment is in use. Periodic maintenance is required on all exercise equipment to keep it in good condition.

Before beginning:

How you begin your exercise program depends on your physical condition. If you have been inactive for several years, or are severely overweight, you must start slowly and increase your time gradually, a few minutes per week.

Initially you may be able to exercise only for a few minutes in your target zone. However, your aerobic fitness will improve over the next six to eight weeks. Don't be discouraged if it takes longer. It's important to work at your own pace. Ultimately, you'll be able to exercise continuously for 30 minutes. And the better your aerobic fitness, the harder you will have to work to stay in your target zone. But remember these essentials:

- Contact your physician before starting a workout or training program. Have your doctor review your training and diet programs to advise you of a workout routine you should adopt.

- Begin your training program slowly with realistic goals that have been set by you and your doctor.

- Supplement your program with some type of aerobic exercise such as walking, jogging, swimming, dancing and/or bicycling. Monitor your pulse frequently. If you do not have an electronic heart rate monitor, have your physician show you the proper way to manually check your pulse by using your wrist or neck. Establish your target heart rate based on your age and condition.

- Drink plenty of fluids during the course of your routine. You must replace the water content lost from excessive exercising to avoid dehydration. Avoid drinking large amounts of cold liquids. Fluids should be at room temperature when consumed.
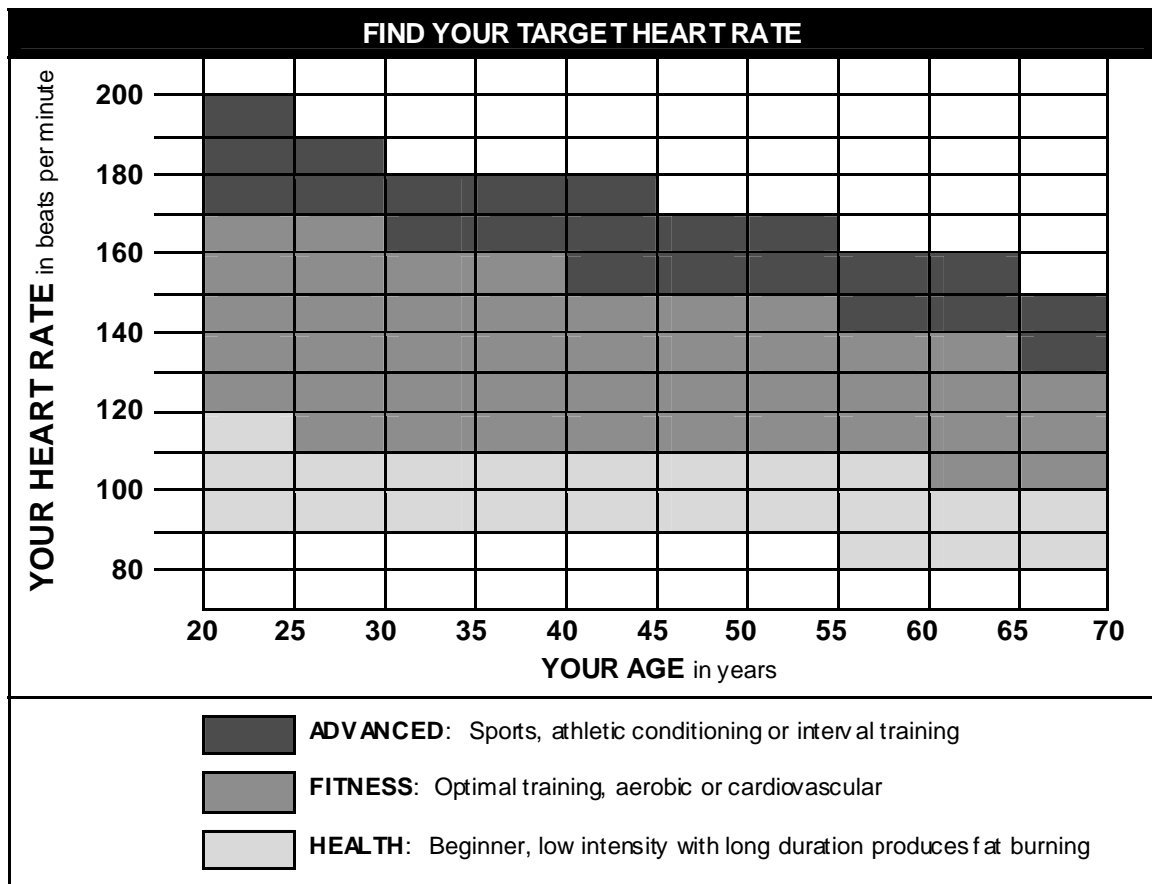

The Surgeon General has determined that lack of physical activity is detrimental to your health.

TARGET HEART RATE

Finding your pulse:

To make sure your heart is beating in its target zone, you'll need to know how to monitor your heart rate. The easiest way is to feel the pulse in the carotid artery on either side of your neck, between the windpipe and the large neck muscles. Count the number of beats in ten seconds, and then multiply that number by six. This gives you the number of beats per minute.

How fast should your heart beat during aerobic exercise? Fast enough to reach and stay in its "target zone," a range of beats per minute that is largely determined by your age and physical condition. To determine your target zone, consult the chart we have provided.

FIND YOUR TARGET HEART RATE

YOUR HEART RATE in beats per minute
(values: 200, 180, 160, 140, 120, 100, 80)

YOUR AGE in years
(values: 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70)

ADVANCED: Sports, athletic conditioning or interval training

FITNESS: Optimal training, aerobic or cardiovascular

HEALTH: Beginner, low intensity with long duration produces fat burning

Aerobic exercise:

Is any sustained activity that sends oxygen to your muscles via your heart and lungs. It will improve the fitness of your lungs and heart: your body's most important muscle. Aerobic fitness is promoted by any activity that uses your large muscle groups - arms, legs or buttocks, for example. Your heart beats quickly and you breathe deeply. An aerobic exercise should be part of your entire exercise routine.

MUSCLE CHART

Targeted muscle groups:

The exercise routine that is performed on this product will develop the upper and lower body muscle groups. These muscle groups are shown in gray color on the chart below.
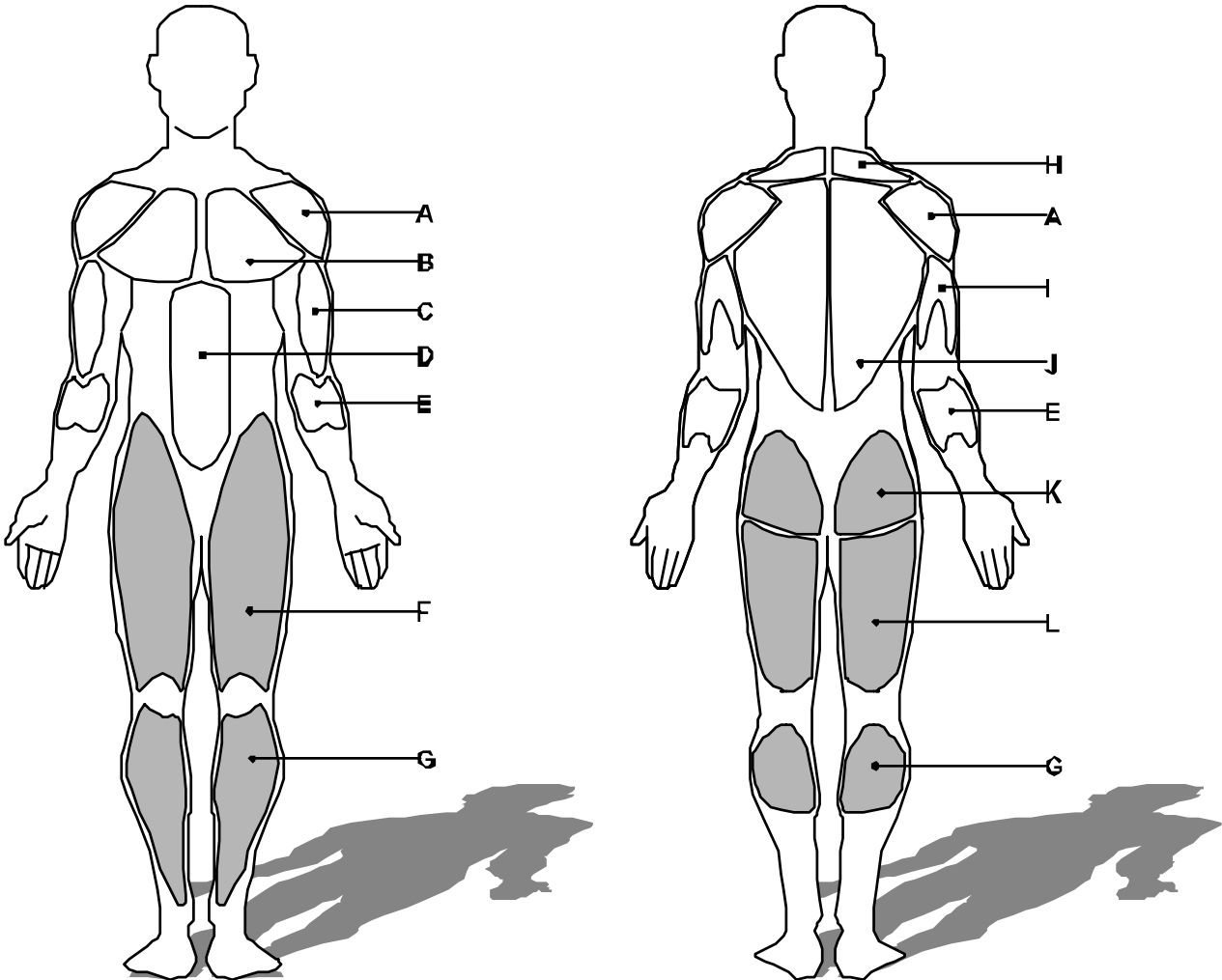
Shoulder muscles	A		B	Pectoral muscles
Bicep muscle	C		D	Abdominal muscles
Forearm muscles	E		F	Quadricep muscles
Calf muscles	G		H	Trapezius muscles
Tricep muscles	I		J	Back muscles
Gluteal muscles	K		L	Hamstring muscles

STRETCHING ROUTINE

Warm up and cool down:

A successful exercise program consists of a warm-up, aerobic exercise, and a cool-down. Do the entire program at least two and preferably three times a week, resting for a day between workouts. After several months, you can increase your workouts to four or five times per week.

Warming up is an important part of your workout, and should begin every session. It prepares your body for more strenuous exercise by heating up and stretching out your muscles, increasing your circulation and pulse rate, and delivering more oxygen to your muscles. At the end of your workout, repeat these exercises to reduce sore muscle problems. We suggest the warm-up and cool-down exercises on the following pages:
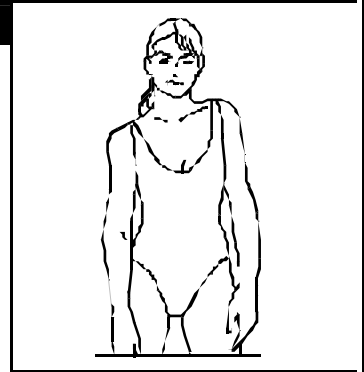
Toe Touch:

Slowly bend forward from your waist, letting your back and shoulders relax as you stretch toward your toes. Reach down as far as you can and hold for 15 counts.
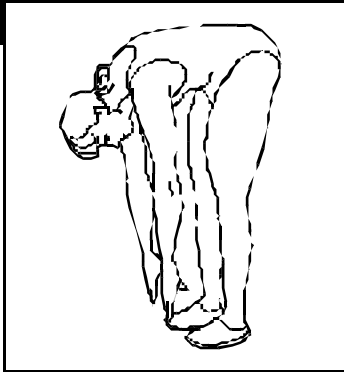
Shoulder Lift:

Lift your right shoulder up toward your ear for one count. Then lift your left shoulder up for one count as you lower your right shoulder.

Inner Thigh Stretch:

Sit with the soles of your feet together with your knees pointing outward. Pull your feet as close into your groin as possible. Gently push your knees towards the floor. Hold for 15 counts.

Hamstring Stretch:

Sit with your right leg extended. Rest the sole of your left foot against your right inner thigh. Stretch toward your toe as far as possible. Hold for 15 counts. Relax and then repeat with left leg extended.
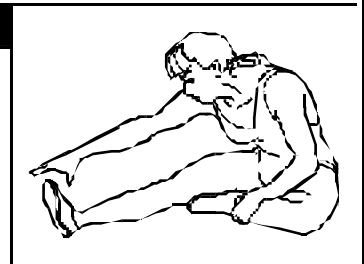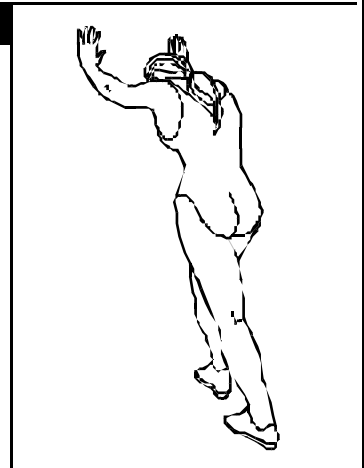
Side Stretch:

Open your arms to the side and continue lifting them until they are over your head. Reach your right arm as far upward toward the ceiling as you can for one count. Feel the stretch up your right side. Repeat this action with your left arm.
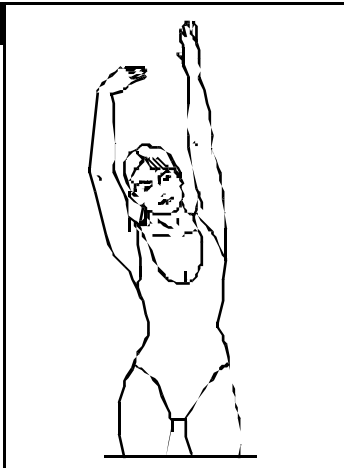
Calf-Achilles Stretch:

Lean against a wall with your left leg in front of the right and your arms forward. Keep your right leg straight and the left foot on the floor; then bend the left leg and lean forward by moving your hips toward the wall. Hold, and then repeat on the other side for 15 counts.

Head Roll:

Rotate your head to the right for one count, feeling the stretch up the left side of your neck. Next, rotate your head back for one count, stretching your chin to the ceiling and letting your mouth open. Rotate your head to the left for one count, and finally, drop your head to your chest for one count.
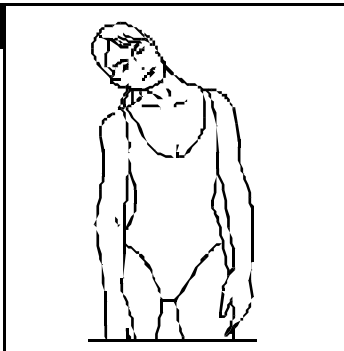
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