SERIAL NO. KL2571-UK



AEROBIC TRAINING CYCLE-ATC-16/1

Assembly & User Manual

Please ensure that you read this manual carefully before attempting to assemble or use your new product and retain for future use

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Protect the environment by not disposing of this product with household waste.



General Information

Quality

This exercise product has been designed and manufactured to comply with the latest (BS EN 957) British and European Safety Standards.

Questions

Should you encounter any difficulty with the assembly, operation or use of your exercise product or if you think that you may have parts missing, please DO NOT return it to your retailer but contact us first for help and advice, asking for CUSTOMER SUPPORT, by any of the following means.

Tel:- 01535 637711 or Fax:- 01535 637722 or Email:- support@benysports.co.uk Website: www.benysports.co.uk

CUSTOMER SUPPORT is open from 9.00am to 5.00pm from Monday to Friday

Beny Sports Co. UK Ltd.

Unit 8, Riparian Way, The Crossings, Cross Hills, West Yorkshire. BD20 7BW

Queries

If you do have any queries, please ensure that you have the following information ready for our Customer Support Staff:

YOUR NAME YOUR ADDRESS YOUR PHONE NUMBER PRODUCT MAKE OR BRAND PRODUCT MODEL PRODUCT SERIAL NUMBER DATE OF PURCHASE NAME OF RETAILER PART NUMBERS REQUIRED

Guarantee

Beny Sports Co. UK Ltd. guarantee's its product range for **DOMESTIC USE ONLY** for a period of **1 YEAR** from the original certified date of purchase. During this period we have the right to: -

a). Provide parts for the purchaser to effect repair. b). Repair the product, returned to our warehouse (at the purchaser's cost).

c). Replace the product if it is deemed (by us) to be economical to do so.

This guarantee does not cover wear and tear on upholstery or consumables.

This guarantee does not cover abuse, defects caused by storage or use outside those intended.

If you need to advise us of a defect with your product and in order for us to service any requirement for replacement parts or repairs, we will ask for proof of purchase. Failure to do so will result in any claim for replacement parts or repairs being refused.

This guarantee, (both given and implied) applies to the original purchaser only, is not transferable and will be invalidated if used outside of the above criteria.

This guarantee is valid only in the United Kingdom and Eire.

This does not affect your statutory rights as a consumer.

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Tools

If required, all of our products are supplied with basic tools, which will enable you to successfully assemble your product. However, you may find it beneficial to have a soft-headed hammer and perhaps an adjustable spanner handy as this may help.

Prepare the Work Area

It is important that you assemble your product in a clean, clear, uncluttered area. This will enable you to move around the product while you are fitting components and will reduce the possibility of injury during assembly.

Work with a Friend

You may find it quicker, safer and easier to assemble this product with the help of a friend as some of the components may be large, heavy or awkward to handle alone.

Open the Carton.

Carefully open the carton that contains your product, taking note of the warnings printed on the carton to ensure that the risk of injury is reduced. Be aware of sharp staples that may be used to fasten the flaps as these may cause injury. Be sure to open the carton the right way up, as this will be the easiest and safest way to remove all the components.

Unpack the Components

Carefully unpack each component, checking against the parts list that you have all the necessary parts to complete the assembly of your product.

Please note that some of the parts may be pre-fitted to major components, so please check carefully before contacting our CUSTOMER SUPPORT team.

In any event, please do not return the product to your retailer before contacting us first.



Safety

Before you undertake any programme of exercise that will increase cardiovascular activity please be sure to consult with your doctor. Frequent strenuous exercise should be approved by your doctor and proper use of your product is essential. Please read this manual carefully before commencing assembly of your product or starting to exercise.

- * Please keep all children away from exercise products when in use. Do not allow children to climb or play on them when they are not in use.
- * For your own safety, always ensure that there is at least 1 Metre of free space in all directions around your product while you are exercising.
- * Regularly check to see that all nuts, bolts and fittings are securely tightened. Periodically checking all moving parts for obvious signs of wear or damage.
- * Clean only with a damp cloth, do not use solvent cleaners. If you are in any doubt, do not use your product, but contact CUSTOMER SUPPORT by any of the means listed on the opposite page.
- * Before use, always ensure that your product is positioned on a solid, flat surface. If necessary, use a rubber mat underneath to reduce the possibility of damaging flooring or slipping in use.
- Always wear appropriate clothing and footwear such as training shoes when exercising. Do not wear loose clothing that could become caught or trapped during exercise.

Storage and Use

Your product is intended for use in clean dry conditions. You should avoid storage in excessively cold or damp places as this may lead to corrosion and other related problems that are outside our control.

Weight Limit

Your product is suitable for users weighing: 276 LBS / 19.7 Stones / 125KG or less.

Conformity

This product conforms to: BS EN ISO 20957-1 and BS EN957-10 Class (H) - HOME USE - Class (C). It is NOT suitable for therapeutic purposes.



If any part of your product becomes damaged, broken or badly worn do not use the equipment until the defective parts have been replaced



Beginning

How you begin to exercise will vary from person to person. If you have not exercised for a long period of time, have been inactive for a while, or are severely overweight you MUST start slowly, increasing your exercise time gradually, by perhaps only a few minutes for each session per week.

Combine a carefully structured nutritious diet with a simple but effective exercise routine and this can help make you feel better, look better and will almost certainly enable you to enjoy life more.

Aerobic Fitness

Aerobic exercise is simply defined as any sustained activity that increases the supply of oxygen to your muscles via the blood pumped by your heart. With regular exercise, your cardiovascular system will become stronger and more efficient. Your recovery rate i.e. the time taken for your heart to reach its normal resting level, will also decrease.

Initially you may only be able to exercise for a few minutes each day. Do not hesitate to breathe through your mouth should you need more oxygen. Use the "talk test". If you cannot carry on a conversation while exercising, you are working too hard! However, aerobic fitness will be gradually built up with regular exercise, over the next six to eight weeks.

Do not be discouraged if it takes longer than this to begin to feel less lethargic, everyone is different and some will achieve their targets quicker than others. Work at your own, comfortable pace and the results will come. The better your aerobic fitness the harder you will have to work to stay in your target zone.



Warm Up

A successful exercise programme consists of three parts, Warm Up, Aerobic Exercise and Cool Down. Never start a training session without warming up. Never finish one without cooling down correctly. Perform between five and ten minutes of stretching before starting your workout to prevent muscle strains, pulls and cramps.

Aerobic Exercise Session

Those new to exercise should exercise no more than every other day to start with.

As your fitness level increases, increase this to 2 in every 3 days.

When you are comfortable with your routine, exercise for 6 days per week. Always take at least one day off per week.

Exercising in your Target Zone

To ensure that your heart is working in its exercise target zone, you need to be able to take your pulse. If you do not have a pulse monitor (either from the product you are using or a proprietary independent unit) you will need to locate the pulse in your carotid artery. This is situated in the side of the neck and can be felt by using the index and middle fingers. Simply count the number of beats you feel in 10 seconds and then multiply by six to get your pulse rate. This should be taken before you start to exercise for easy reference.

People who have a greater aerobic fitness, have a lower resting pulse level and will also be able to exercise with a higher pulse level.

Target Zone

To determine your target zone, see the chart opposite. If you are new to exercise and by definition unfit, refer to the left column. If you exercise regularly and have good aerobic fitness, refer to the right column.



Incorrect or excessive training may damage your health. Please read the exercise information first.



Target Zone (con't)

USERS AGE	UNCONDITIONED TARGET ZONE - A	CONDITIONED TARGET ZONE - B
(Years)	(Beats per Minute)	(Beats per Minute)
20-24	145 - 165	155 - 175
25-29	140 - 160	150 - 170
30-34	135 - 155	145 - 165
35-39 ———	130 - 150	140 - 160
40-44	125 - 145	135 - 155
45-49	120 - 140	——— 130 - 150
50-54	115 - 135	——— 125 - 145
55-59 ———	110 - 130	120 - 140
60 and over	105 - 125	——— 115 - 135

Cool Down

To decrease fatigue and muscle soreness, you should also cool down by walking at a slow relaxed pace for a minute or so, to allow your heart rate to return to normal.

Warm Up and Cool Down Exercises

Hold each stretch for a minimum of ten seconds and then relax. Repeat each stretch two or three times. Do this before your Aerobic Exercise session and also after you have finished.

Head Roll

Rotate your head to the right for one count, feeling a slight pull on the left side of your neck. Next, rotate your head back for one count, stretching your chin. Then rotate your head to the left for one count, feeling a slight pull on the right side of your neck. Lastly, drop your head to your chest for one count. Repeat 2 to 3 times.

Toe Touch

Slowly bend forward from your waist, letting your back and shoulders relax as you lower your trunk. Gently stretch down as far as is comfortable and hold for 10 seconds.





Shoulder Lift

Rotate and lift your right shoulder up towards your ear for one count. Relax then repeat for the left shoulder. Repeat 3 - 4 times.

Calf / Achilles Stretch

Turn towards the wall and place both hands on it. Support yourself with one leg while the other is placed behind you with the sole flat on the floor. Bend the front leg and lean towards the wall, keeping the rear leg straight so that the calf and Achilles tendon are stretched hold for 5 seconds. Repeat with the other leg. Repeat 2 - 3 times.

Side Stretch

Open both arms to the side and gently lift them above your head. Reach your right arm as high as you can for one count, gently stretching the muscles of the stomach and lower back. Repeat the action with your left arm. Repeat 3 - 4 times.

Inner Thigh Stretch

Sit on the floor and pull your legs toward your groin, the soles of your feet together. Hold your back straight and lean forward over your feet. Tighten the thigh muscles and hold for 5 seconds. Release and repeat 3 - 4 times.



Hamstring Stretch

Sit on the floor with your right leg extended and place your left foot flat against the right inner thigh. Stretch forward toward the right foot and hold for 10 seconds. Relax and then repeat with the left leg extended. Repeat 2 - 3 times.







Basic Aerobic Training Programme

For your basic Aerobic Exercise routine we suggest that you try the following. Remember, breathe correctly, exercise at your own pace and do not over-train as injury may result.

Week 1 & 2

Warm Up 5 - 10 Minutes Cool Down 5 Minutes Exercise 4 minutes at 'A' Rest 1 minute Exercise 2 minutes at 'A' Exercise slowly 1 minute

Exercise 5 minutes at 'A'

Exercise 3 minutes at 'A'

Exercise slowly 2 minutes

Rest 1 minute

Week 3 & 4

Warm Up 5 - 10 Minutes Cool Down 5 Minutes

Week 5 & 6

Warm Up 5 - 10 Minutes Cool Down 5 Minutes

Exercise 6 minutes at 'A' Rest 1 minute Exercise 4 minutes at 'A' Exercise slowly 3 minutes

Week 7 & 8

Warm Up 5 - 10 Minutes Cool Down 5 Minutes Exercise 5 minutes at 'A' Exercise 3 minutes at 'B' Exercise 2 minutes at 'A' Exercise slowly 1 minute Exercise 4 minutes at 'A' Exercise slowly 3 minutes

Week 9 & beyond

Warm Up 5 - 10 Minutes Cool Down 5 Minutes Exercise 5 minutes at 'A' Exercise 3 minutes at 'B' Exercise 2 minutes at 'A' Exercise slowly 1 minute Repeat entire cycle 2 or 3 times

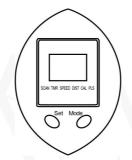
This is only a suggested programme and may not suit every individual's needs.



Exercise Monitor Instruction



EXERCISE MONITOR USER INSTRUCTIONS



The Exercise Monitor supplied with your product has been specially designed to help you plan and view your exercise performance.

SCAN CHANGING FROM FUNCTION TO FUNCTION SHOWS EACH FUNCTION EVERY 6 SECONDS TIME MINUTES AND SECONDS - COUNT UP / DOWN 0.00 - 99.00 Minutes and Seconds SPEED REPRESENTATIVE SPEED - KM/H 0.00 - 999.0 Kilometres per Hour DISTANCE EXERCISE DISTANCE KM - COUNT UP / DOWN 0.00-999.0 Kilometres CALORIE BURN COMPUTED THEORETICAL CALORIE BURN * 0.00 - 999.0 Kcal THEORETICAL* BEATS per MINUTE** PULSE ACTUAL EXERCISE PULSE RATE**

EXERCISE MONITOR FUNCTIONS AND OPERATING SPECIFICATIONS

POWER SOURCE	2 x AA (1.5v) POWER CELLS
STORAGE TEMPERATURE	$-10^{\circ}c - +60^{\circ}c$
NORMAL OPERATING TEMPERATURE	0°c - +40°c

USING YOUR EXERCISE MONITOR

To provide ease of use, there are two touch sensitive buttons on your Exercise Monitor: - SET and MODE

Press the MODE button to manually move through each of the Exercise Monitor's functions in turn. These are - TIME, SPEED, DISTANCE, CALORIES & PULSE . If you press the MODE button until you reach the SCAN mode then release it, the SCAN function will become operative & the display will change approx. EVERY 6 SECONDS to show each function in turn.

START to exercise or press the MODE button and the Exercise Monitor will begin to register the various functions.

You are able to set Exercise Targets in the following functions: -TIME, DISTANCE & CALORIE BURN. To set targets for these functions, press and briefly hold the SET button when the function is active on the LCD screen and this will enable you to programme TIME, DISTANCE and CALORIE BURN in whole unitsto count down from your set targets.

Press the MODE button until you reach the PULSE function. This can be done either while exercising or at rest. MOISTEN your HANDS slightly before using the Pulse Function to ensure good contact is made on the Sensor Pads Failure to do this may result in a bad connection and erratic Pulse readings.

NOTE: - Please refer to the guide in your Assembly and Training Manual for information and guidance on Exercise Pulse Limits.



Exercise Monitor Instruction

BATTERY INSTALLATION

To fit the 2 x AA BATTERIES- (NOT SUPPLIED) to your Exercise Monitor, remove the BATTERY COVER at the REAR of the monitor. Carefully fit the batteries by fitting between the exposed contacts in the battery compartment. Ensure that batteries are fitted with the '+' / '-' ends matching the outline on the sticker or in the battery compartment. Failure to fit batteries correctly may result in damage to your Exercise Monitor that is not covered by our guarantee.

To conserve BATTERY power the Exercise Monitor will shut down after approximately 4 minutes of inactivity.

PLEASE DISPOSE OF OLD BATTERIES CAREFULLY AND CONSIDERATELY.





CUSTOMER NOTICE - EXERCISE MONITOR CABLE CONNECTION

In most cases where there is an apparent failure of your Exercise Monitor to work, it is due to incorrect fitment of the Exercise Monitor cable connections. So, please ensure that there is NO GAP between the connectors on the Exercise Monitor cables when finally assembled. For Jack Plug fittings, push together the Male and Female ends to make initial contact. Push again to make final connection. When fitted correctly, the Jack Plug faces touch each other. For 2-Pin fittings, ensure that you carefully line up the contacts in both of the connectors and then push firmly together ensuring that the clips lock together. Before contacting our Customer Support Team (see contact details below), please re-check all cable connections, disconnecting and re-making where necessary. Should you encounter any difficulty with the operation of your Exercise Monitor that is not solved by reconnection.

WE REGRET THAT ARE UNABLE TO REPLACE ANY DAMAGED OR FAULTY UNITS BEFORE INSPECTION BY US. We reserve the right to repair or replace the Exercise Monitor at our discretion.

Beny Sports Co. UK Ltd.

Unit 8 Riparian Way, The Crossings, Cross Hills, West Yorkshire. BD20 7BW Tel: - 01535 637711 Fax: - 01535 637722

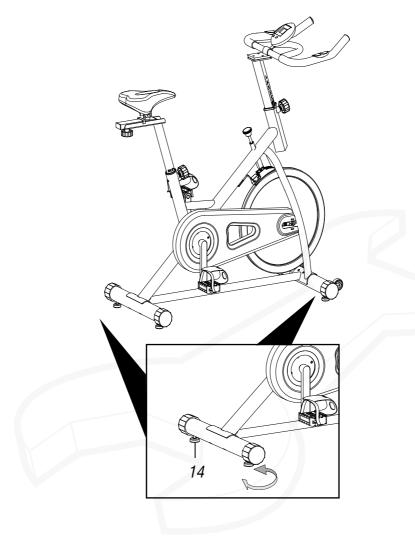
e-mail: - support@benysports.co.uk

CUSTOMER SUPPORT is open from 9.00am to 5.00pm from Monday to Friday



LEVELLING THE CYCLE

For security and stability, your Training Cycle has a factory welded main frame and once fully assembled correctly, should not need further alignment. However, in the interest of safety, please always ensure that your Training Cycle is positioned on a solid, flat surface. If necessary, use a rubber mat underneath to reduce the possibility of damaging flooring or slipping in use. If you need to make a fine adjustment, simply turn the adjustable knobs (14) on the stabilisers to compensate for uneven floors.







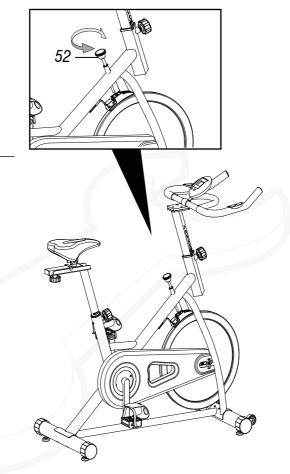
In accordance with BS EN 957, the braking (resistance) system on this cycle is speed independent.

The flywheel can be stopped by pushing down on the brake knob if emergency.

RESISTANCE ADJUSTMENT

To increase the intensity of your workout, simply adjust the tension knob (52). Turning clockwise will increase the resistance created by the brake Pad.

To stop the flywheel quickly, push down on the Brake Knob (52).





For your safety, always make sure the flywheel is locked by full tightening brake knob while it is without using.



Assembly & Adjustments

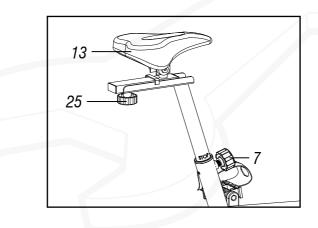
HANDLEBAR ADJUSTMENT

To adjust the user height of the Handlebar (17&18), unscrew the knob (7) a few turns until the knob can be pulled out to alter the position of the handlebar to the desired setting.



SEAT ADJUSTMENT

In addition to the vertical and lateral adjustment, the saddle (13) angle can be adjusted by slackening the nuts on either side of the seat rails, selecting the required position and re-tightening.



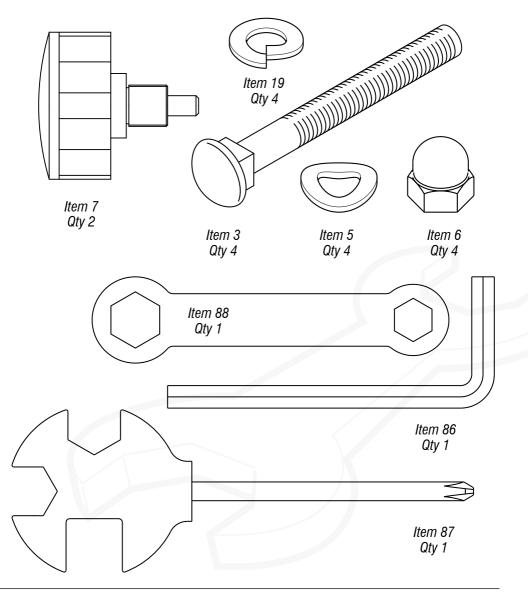


Assembly & Adjustments

ACCESSORY FITMENT LIST

The are all the accessories you will need to complete the assembly of your product.

The following accessories are supplied in a pack and should be checked before attempting assembly.





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Carefully unpack each component, checking against the parts list that you have all the necessary parts to complete the assembly of your product.

Please note that some of the parts may be pre-fitted to major components, so please check carefully before contacting our CUSTOMER SUPPORT team.

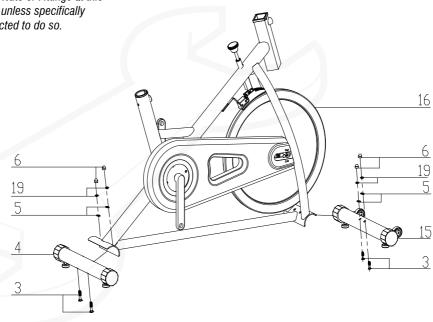
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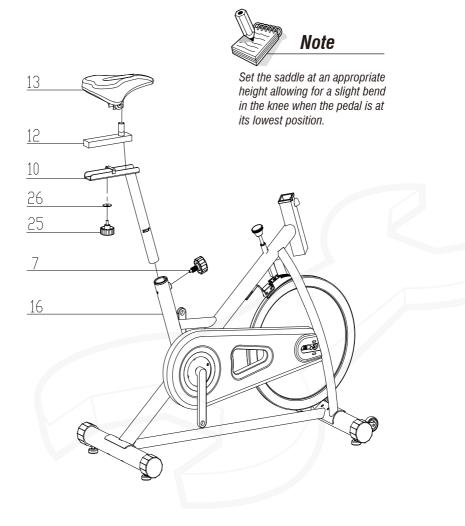
Do NOT FULLY TIGHTEN any Bolts, Nuts or Fittings at this stage unless specifically instructed to do so. Attach the Front and Rear Stabilisers (15 & 4) to the Main Frame (16) using 4 x M8 x 73mm Carriage Bolts (3), 4 x M8 Curved Washers (5), 4 x M8 Spring Washers (19) and 4 x M8 Dome Nuts (6). Securely tighten all 4 Bolts.





2 Remove the Locking Knob (25) & M8 Flat Washer (26) from underneath the Saddle Support Bar (12).

Fasten the Saddle (13) to the post of the Saddle Support Bar (12) with the Wrench, then insert the Saddle Support Bar (12) to Saddle Post (10) and adjust the horizontal distance with the Locking Knob (25) & M8 Flat Washer (26). Pull the Pop-Pin Knob(7) out of the Main Frame(16), then insert the Saddle Post(10) into the post of the Main Frame(16). Tighten the Pop-Pin Knob (7) to set the Saddle (13) at the desired height.

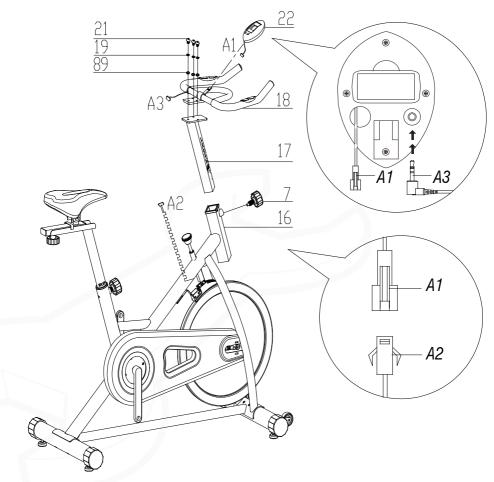




Remove the 3 x M8 x 20mm Allen Bolts (21), 3 x M8 Spring Washers (19) and 3 x M8 Flat Washers (89) from the Handlebar (18). Assemble the Handlebar Support (17) to the Handlebar (18) using the fittings previously removed. Securely tighten all 3 Bolts. Insert the assembled Handlebar & Support into the Main Frame(16). Select the desired height and lock with Pop-Pin Knob (7).

3

Fit the Exercise Monitor (22) to the Handlebar (18). Then connect the Sensor Wire (A2) to the wire at the back of the Monitor (A1). Now connect the Handpulse Wire (A3) to hole at the back of the Monitor. matching like for like.





Assembly & Adjustments

Assemble the Left and Right Pedals (1L/R) to the Pedal Cranks (33L/36R) accordingly with Multi-functional Wrench. Both Pedals MUST be tightened securely otherwise damaged may occur to the crank.

33

1R

′36R

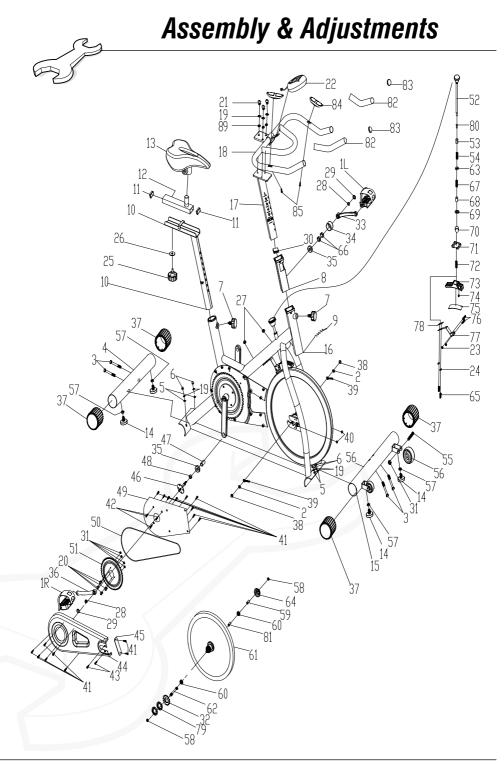


4

RIGHT HAND THREAD for the RIGHT HAND SIDE of the cycle and must be fitted by turning CLOCKWISE. The other Pedal is supplied with a LEFT HAND THREAD for the LEFT HAND SIDE and must be fitted by turning ANTI-CLOCKWISE.



FULLY TIGHTEN all Bolts, Nuts and Fittings now, ensuring that your product in located on a clear flat surface before doing so. Your product will now be ready to use.



Assembly & Adjustments



PAR	T No.	DESCRIPTION	. QTY
1	PED	AL(L/R)	2
2	M12	? FLAT WASHER	2
3		x 73mm CARRIAGE BOLT	4
4	REA	R STABILISER	1
5	M8 (CURVED WASHER	4
6		DOME NUT	4
7	POP	-PIN KNOB	2
8		TPOST INSERT	1
9		SOR WIRE	1
10		DLE POST	1
11		САР	2
12		DLE POST BAR	1
13		DLE	. 1
14		USTABLE KNOB	4
15		NT STABILISER	1
16	IVIAI	N FRAME	1 1
17 18			1
10 19		IDLEAR	1 7
20	Ma	x 16mm ALLEN BOLT	. 1
21	Max	x 20mm ALLEN BOLT	
22		VITOR	
23		LOCK NUT	. 2
24		SPRING WASHER	2
25		KING KNOB	. 1
26	FLAT	T WASHER	1
27	END	САР	2
28) CRANK ARM NUT	2
29	CRA	NK END CAP	2
30	END	САР	1
31	M8 I	LOCK NUT	6
32	СНА	IN WHEEL	1
33		「CRANK	1
34		NK COVER	1
35		RING	2
36		HT CRANK	1
37	END	САР	4
38	M12	? NUT	2
39		x 58mm ADJUSTMENT BOLT .	2
40		NUT	. 2
41 42		x 19mm SCREW	11
42 43	IVI4)	x 19mm SCREW	3
43 44		ER CHAIN COVER	2
44 45	ווייי	LE CHAIN COVER	1
45 46		NK AXLE	1
40	UNA	WIN AALL	

47	CRANK AXLE LONG SPACER
48	CRANK AXLE SHORT SPACER 1
49	INNER CHAIN COVER
50	CHAIN
51	CHAIN WHEEL
52	TENSION KNOB
53	TENSION KNOB SLEEVE
54	SPRING 1
55	<i>M8 x 40mm ALLEN BOLT</i> 2
56	TRANSPORT WHEEL 2
57	<i>M8 NUT</i>
58	M12 FIXING NUT
59	FLYHEEL AXLE SPACER 1
60	BEARING 2
61	FLYWHEEL
62	<i>FLYWHEEL SHAFT</i>
63	M10 FIXING NUT
64	<i>FLYWHEEL COVER</i>
65	M5 x 10mm ALLEN BOLT
66	M20 FIXING NUT
67	SPRING 1
68	TENSION KNOB SLEEVE
69	<i>M6 FLAT WASHER</i>
70	<i>M6 DOME NUT</i> 1
71	SPRING COVER
72	SPRING 1
73	PLASTIC FRAME1
74	BRAKE PLASTIC HOUSING 1
75	BRAKE BLOCK PAD 1
76	M5 x 30mm ALLEN BOLT
77	BRAKE BLOCK TENSION PLATE 1
78	<i>FLAT WASHER</i> 1
79	M33 LOCK NUT
80	M10 FLAT WASHER 1
81	FLYWHEEL AXLE SPACER
82	FOAM GRIP 2
83	END CAP 2
84	HAND PULSE
85	<i>M4 x 25mm SCREW</i> 1
86	SCREW DRIVER 1
87	ALLEN WRENCH 1
88	SPANNER
89	M8 FLAT WASHER
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Some of the above accessories

are pre-fitted to the master component. They may not be supplied separately







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