MONARK
SPORTS & MEDICAL

Ergomedic 894 E

Manual

English/Svensk

Monark 894 E

Contents

Product Information

Congratulations on your new Ergometer.

The Monark 894 E is an ergometer for anaerobic tests that also works as a normal traditional weight ergometer. It is provide with a break, which controls by putting weights in a weight basket. RPM-controlled release of weight basket and test duration up to 99 minutes increase safety and the potential for optimal tests.

The easy-to-use Windows-based software has more setting possibilities with clear presentation graphics. Thanks to double sensors, faster electronics and improved mechanics, performing anaerobic tests is now more efficient and less complicated.

NOTE!
The use of Ergomedic 894 E can be physically strenuous. Always consult a doctor before beginning an exercise program and stop immediately if feeling faint or dizzy.

Features

- Large, well-balanced flywheel 22kg (48 lbs)
- Adjustable seat height
- Adjustable handlebar with quick release lever
- Stable frame, solid steel tube
- Powder painted
- Wheels for easy transport
- Electronic display with heart rate

Width
530 mm (21”) at handlebar
640 mm (25”) at support tubes

Length
1120 mm (44”)

Height
890-1130 mm (35-44,5”) at handlebar
800-1120 mm (31,5-44”) at seat
1030 mm (40,5”) at front

Weight
65 kg (144 lbs)

Included
Chestbelt, PC software

Operating Instruction

Cycle adjustments

Seat height should be adjusted to a comfortable position. A suitable height is when your knee is slightly bent and the middle of the foot is straight above the pedal axle with the pedal is in its lowest position. To adjust the seat height loosen the lever on the seat tube. See *fig: Adjustments*.

The handlebar setting shall give a comfortable position when cycling. During longer exercise sessions it is recommended to occasionally change the handlebar position. To adjust the handlebar loosen the quick release lever. See *fig: Adjustments*.

NOTE! The handlebar stem should be inserted into the frame tube at least 3 inches (about 8 cm). this measure is marked out on the stem(3).

Workload adjustments

When pedaling the subject stores energy in the flywheel. The flywheel is then braked by means of a brake belt/cord which runs around the flywheel. The workload is changed either by using other pedaling speed or by increasing or decreasing the tension of the brake belt/cord against the flywheel by place weights in the weight basket. Weights are in sizes 1 kg, 0,5 kg and 0,1 kg. This makes it possible to vary the workload from 1 kg up to maximum 12 kg in steps of 0,1 kg. **NOTE:** 1 kg is the lowest work load that can be set as this is the weight of the basket itself. A weight basket that only weighs 0,5 kg is available as an option.

The weight basket can also be set in its upper free/resting position and does then not give any work load at all. The weight basket is released by pushing the release button (1), on the handlebar. See *fig: Workload adjustment*.

Fig: Workload adjustment
1) Release button, release basket
2) LED

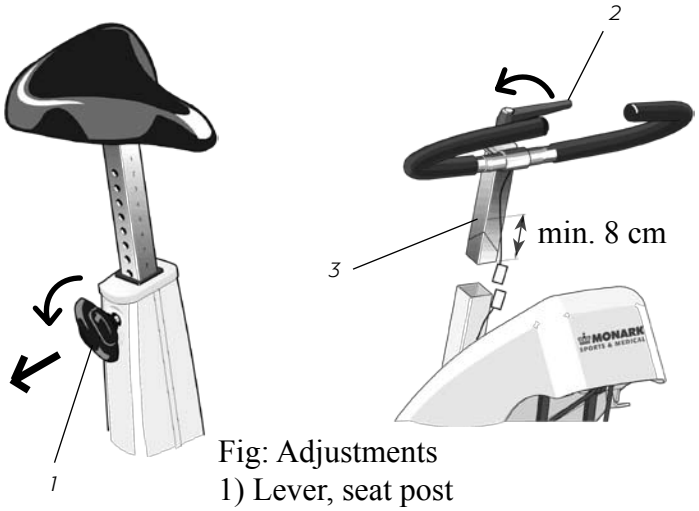


Fig: Adjustments
1) Lever, seat post
2) Lever, handlebar
3) Inserted min. 3”

Anaerobic testing

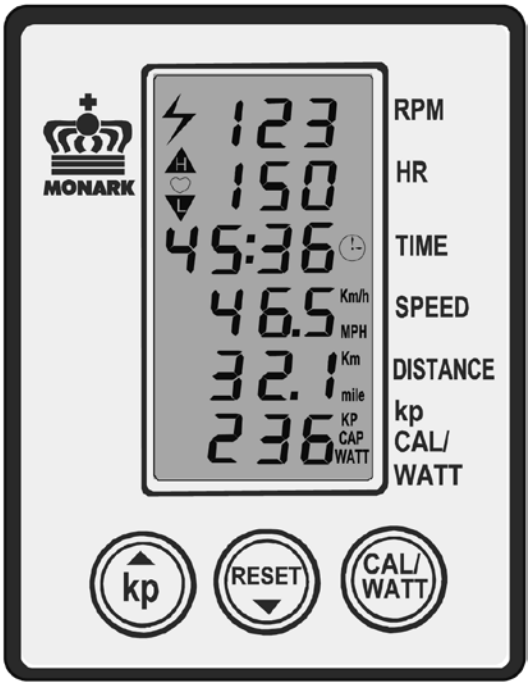
Model 894E has a computer for anaerobic testing and makes the bike possible to connect to an axternal PC. The PC cable is included in the bike. A Windows application, included in the bike, makes it possible to make a lot of different type of anaerobic tests for ex. Wingate tests and so forth. The anaerobic tests can easily be set from 5 up to 300 seconds duartion. For a closer explanation of the application look in the program manual, ”Monark Anaerobic Test Software User Manual”.

NOTE! To perform anaerobic tests the the computer on the cycle must be connecteed to a mins supply via a low voltage AC/DC converter. which is included. Connect the enclosed converter in a suitable mains supply socket. The circular connector on the secondary cable from the converter is connecteed to the corresponding socket on the cycle under the instrument cover on the right side. PC cable is connected into the serial port underneath and to a serial port on an external PC. See *fig: Brake device* in section ”Adjusting the break cord/belt tension”. The LED (2) on the front of the instrument panel, see *fig: Workload adjustments*, indicates both that there is power to the unit and that the weight basket is in its upper locked position. If the weight basket produces resistance it must be moved upp in its upper locked position where it does not give any workload. Then the LED is lit - with a delay of about 5 seconds - indicating that the computer and cycle is in a ready position for a test.

Computer specifications

Display		
RPM	0 - 250	rev./min
HR	50 - 240	bpm
TIME	0:00-99:59	min:sec
SPEED	0 - 99	km/h or mph
DISTANCE	0.0 - 99.9	km or mile
FORCE	0.0 - 7.0	kp
CALORIES	0 - 999	kcal
WATT	0 - 7 x rpm	watt

Batteries: 1.5 V x 2 R6 (AA)
Storing temp.: -10°C - +60°C
Operating temp.: 0°C - 50°C



Computer Instruction

The ergometer is equipped with a Fitness computer showing pedal revolutions per minute (RPM), heart rate in bpm (HR), exercise time in minutes and seconds (TIME), cycling speed in km per hour or miles per hour (SPEED), covered distance in km or mile (DISTANCE). Furthermore the workload (kp = weight basket + weights in kg) can be set which gives a reading of burned calories (CAL) as well as power (WATT) on the computer display. The energy is usually expressed in kJ (kilo Joule) or cal (kilocalorier, kcal). One kcal is aprox.4,2 kJ. The power is depending on the pedaling speed which makes it possible to adjust the workload/power by increasing or decreasing the pedaling speed.

Press any button or move the pedal to turn on the meter. At the display for heart rate (HR) a ♥ is lit which means that the meter is trying to find a pulse signal from an external source (chestbelt with electrodes, our part.no 9339-91). If the meter can not find such a signal this HR function is automatically turned of after 30 seconds. When the function is turned off the ♥ symbol is not lit any more. The heart rate function can be turned on again by pressing a button.

Timer starts automatically when pedals are moved. Meter values for Time, Distance and Calories can be set to zero by pressing the RESET button for more than 2 seconds.

To get correct readings for calories and watts the kp value on the electronic meter has to be set to the same value as the workload that is the weight of the basket including the weights in it. Example: The workload is 3 kg (weight basket 1 kg + 2 x 1kg weight). Press the kp button to the left on the meter. The lower display window is now flashing and showing figures in kp. Increase or decrease in steps of 0.1 kp by pressing the kp button (▲) or the RESET button (▼) until the reading is corresponding with the actual or desired kp values (workload) from the weight basket. After that press the CAL/WATT button to either show the CAL or WATT figures. The watt reading in the display is depending on the pedaling speed. The watts can accordingly be adjusted by increasing or decreasing the pedaling speed.

Km/Miles
Km and km/h is the dafault setting from the factory. If you want to make a setting in mile take the meter out of the panel. Turn off the meter by taking out one battery. On the back side is a switch with two settings - 1 and ON. See *fig: Batteries* in section "Batteries". 1 is equal to km and km/h and is the default setting. ON is equal to mile and mph. Choose position and install the battery again. Put the meter back again into the panel.

Do not expose the fitness computer to direct sunlight or extremely high temperature. Do not use any dissolvents when cleaning. Use only dry cloth.

Service

Warranty

EU countries private use
If you are a natural person you will have a minimum level of protection against defects in accordance with EC Directive 1999/44/EC. In short, the directive provides for that your Monark Dealer will be liable for any defects, which existed at the time of delivery. In case of defects, you will be entitled to have the defect remedied within a reasonable time, free of charge, by repair or replacement.

EU countries professional use
Monark products and parts are guaranteed against defects in materials and workmanship for a period of one year from the initial date of purchase of the unit. In the event of a defect in material or workmanship during that period above, Monark Exercise will repair or replace (at its option) the product. Monark Exercise will do so at its expense for the cost of materials but not for labour or shipping.

Other countries
Monark products and parts are guaranteed against defects in materials and workmanship for a period of one year from the initial date of purchase of the unit. In the event of a defect in material or workmanship during that period above, Monark Exercise will repair or replace (at its option) the product. Monark Exercise will do so at its expense for the cost of materials but not for labor or shipping.

Service check & maintenance

To keep your Ergometer in good shape you should make a regular service.

Service action	Time?	Service interval
Keep your Ergometer clean and properly lubricated	5 min	once per week
Periodically wipe the surface with a rust preventative, especially when it has been cleaned and the surface is dry. This is done to protect the chrome and zinc parts as well as the painted parts.	5 min	4 times per year
Check now and then that both pedals are firmly tightened. If not the threading in the pedal arms will be damaged. Also check that pedal arms are firmly tightened on the crank axle, tighten if necessary. When the Ergometer is new it is important to tighten the pedals after 5 hours of pedaling.	5 min	4 times per year
Check that the pedal crank is secure to the crank axle.	5 min	4 times per year
Be sure that the pedals are moving smoothly, and that pedal axle is clear of dirt and fibers.	5 min	4 times per year
When cleaning and lubricating be sure to check that all screws and nuts are properly tightened.	10 min	2 times per year
Check that the chain is snug and there is no play in the pedal crank.	15 min	2 times per year
Check that pedals, chain and freewheel sprocket are lubricated.	5 min	2 times per year
Be sure that the brake belt does not show significant signs of wear.	15 min	2 times per year
Check that the handlebars and seat adjustment screws are lubricated.	5 min	2 times per year
Be sure that all moving parts as crank and flywheel are working normal and that no abnormal play or sound excsists. I.e. play in bearings causes fast wearing and with that follows a highly reduced lifetime.		Pay attention, if any mislead or malfunction.The faults must be attend to at once before any further use of the bike.
Check that the flywheel is placed in the center and with plane rotation.		

Transport

At transport the brake cord should be somewhat tightened to prevent it from falling off the flywheel.

Please note: The production number of your Ergometer is placed according to *fig: Serial number.*

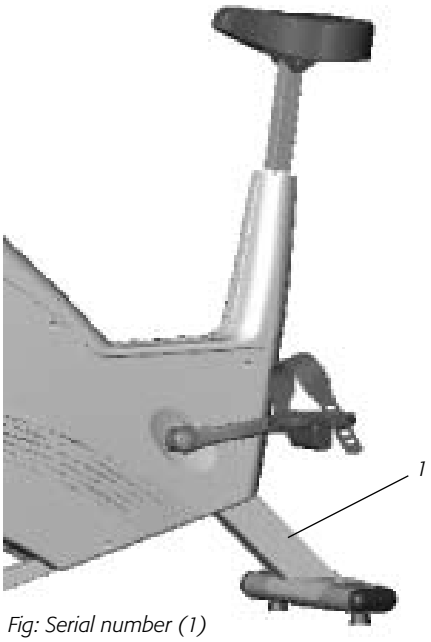


Fig: Serial number (1)

Batteries

The batteries are in a separate package at delivery. The batteries may need to be replaced upon assembly. The battery package can be reached from the down side of the panel. Be careful to put in the new batteries with + and - correctly positioned. If needed the complete fitness computer can be taken out from the panel by loosing the upper fastening plate on the down side of the meter/panel. Lift in the upper end of the meter and take it out from the panel. The batteries, 2 x 1.5V size AA(R6), which are placed in the holder on the backside of the meter, can then easily be changed. See *fig: Batteries*.

After the batteries has been replaced all segments in the display are visible and a buzzer will sound for two seconds. After 2 seconds the meter turns to main display again and normal function. Put the meter into the housing again.

Note: On the backside of the meter is a switch to change meter function from km to mile or mile to km(2).

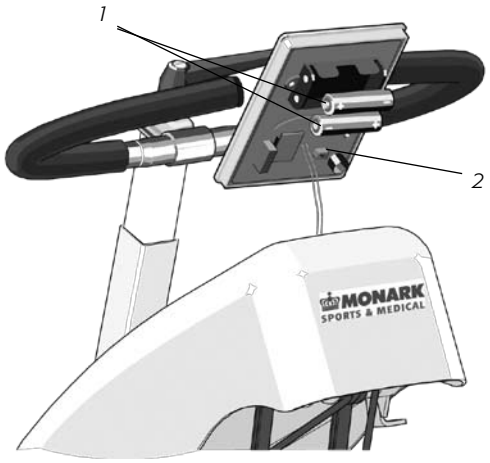


Fig: Batteries
1) Batteries
2) km/mile

Replacement of brake cord/belt

Remove the instrument cover by loosen the screws on each side of the cover. Take the return strap(5), see *fig: Brake device* in section "Adjusting the break cord/belt tension", and lift up the weight basket until it locks in its upper position. Loosen the cord/belt bracket, see *fig: Brake device*, and take away the brake belt from the tension center. Loosen or cut away the knot or tie up the knot at the other end of the belt. After that take away the belt from the bike.
When assembling a new brake cord/belt, first enter one end into the belt whole in the tension center, see *fig: Brake device*, and make a knot and let the knot fall into the bigger part of the hole. Then assemble the new belt exactly as the old one.

When replacing the brake belt it is recommended to clean the brake surface. See section "Brake belt contact surface"

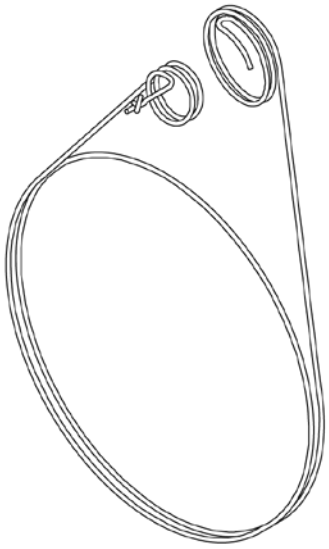


Fig: Brake cord

Adjusting the brake cord/belt tension

At first check that the brake belt is lying correct on the flywheel brake surface. See *fig: Brake cord* and *Brake device*. If the weight basket is in it's upper position, press the release button (1). The basket will fall down and increase the tension of the brake belt/cord against the flywheel.

Put 9 kg in the weight basket(6). Rotate the flywheel by hand. The basket shall now lift up so the distance to the flywheel is at least 40 mm. and maximum 60 mm. If this is not the case the brake belt has to be loosened or tightened a little at the tension center(4). If the basket is too low shorten the belt somewhat and if the basket is too high lenghten the cord somewhat.

Lock the weight basket in its upper position and after that loosen the cord bracket (3) somewhat so that the cord length can be adjusted. Tighten the braket again and release and check if the measurements above are OK when the flywheel is rotated by hand. Repeat the above if necessary.

Note: The basket gives the correct workload wherever it hangs between the upper stop position and the lower stop just above the flywheel. Note that the tension center can't get in contact with it's upper or lower stop. In that case you will not receive correct brake level. The measurements above (40-60) gives a good margin.

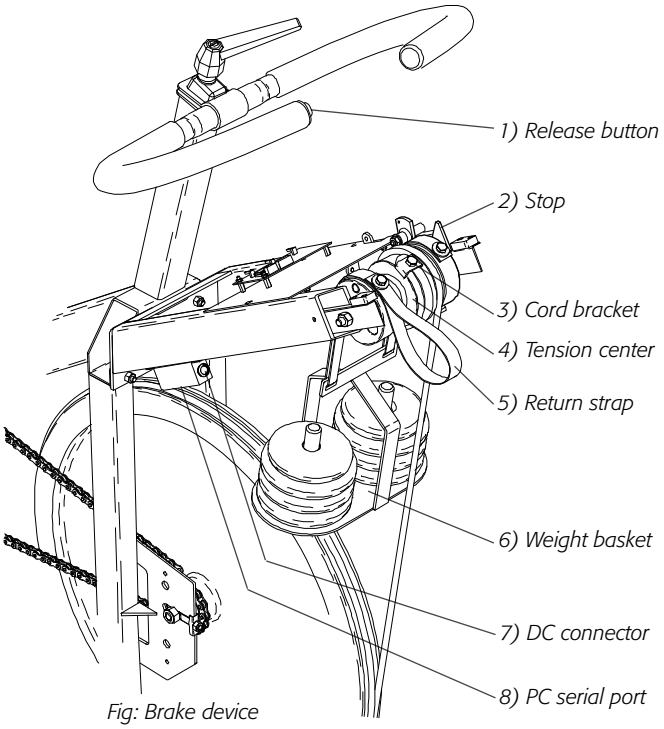


Fig: Brake device

Brake belt contact surface

The brake belt should be regularly checked to ensure that it has not suffered excessive wear. If it looks worn it should be replaced. Deposits of dirt on the brake belt and on the contact surface may cause the unit to operate unevenly and will also wear down the brake belt. The brake belt contact of the flywheel surface should then be ground off with fine sand paper and any dust removed with a clean dry cloth.

Lift the weight basket to its upper locked position. Grind with a fine sand paper. See *fig: Brake belt contact surface*. Grinding is easier to perform if a second individual cautiously and slowly pedals the cycle.

Irregularities on the brake belt contact surface are removed by means of a fine sand paper or an abrasive cloth. Otherwise unnecessary wear on the brake belt may occur and the unit can become noisy.

Always keep the brake belt contact surface clean and dry. No lubricant should be used. We recommend to replacing the brake belt when cleaning the contact surface. In regard to assembly and adjustment of the brake belt, see ”Replacement of brake cord/belt”.

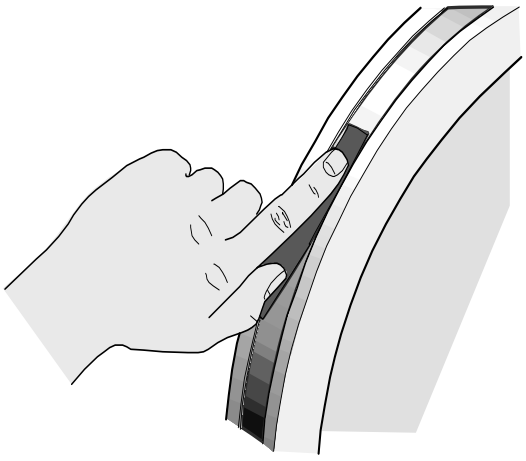


Fig: Brake belt contact surface

Crank bearing

The crank bearing is long term greased and needs normally no supplementary lubrication. If problem arises, please contact your Monark dealer.

Flywheel bearing

The bearings in the flywheel are lifetime greased and require normally no maintenance. If problem arises, please contact your Monark dealer.

Chain 1/2" x 1/8"

It is strongly recommended to keep the chain clean. Dirt build-up on the chain will cause excess wear. A chain lubricant and solvent for normal road bikes may be used.

Check the lubrication and tension of the chain in regular intervals. In the middle of its free length the chain should have a minimum play of 10 mm (1/4in). See *fig: Chain adjustments*. When the play in the chain is about 20 mm (3/4 inch) the chain must be tightened otherwise it will cause abnormal wear of the chin and chainwheels. Because of this it is always recommended to keep the chain play as little as possible. When the chain has become so long that it can no longer be tightened with the chain adjusters it is worn out and shall be replaced with a new one.

To replace the chain remove left and right frame cover. To adjust the chain the hub nuts should be loosened. Loosening or tightening the nuts on the chain adjusters will then move the hub and axle forward or backward. Adjust according to above recommendation. Then tighten the nuts on the hub axle again. See *fig: Chain adjustments*.

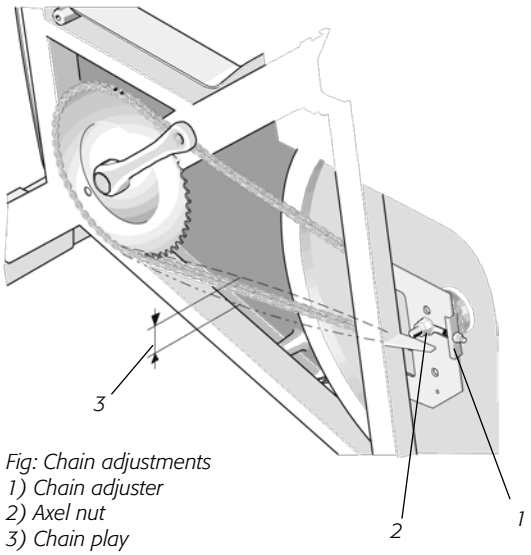


Fig: Chain adjustments
1) Chain adjuster
2) Axel nut
3) Chain play

Loosen the chain adjuster as much as possible. Dismantle the chain lock and remove the chain. Put on a new chain and assemble the chain lock. The spring of the chain lock should be assembled with the closed end in the movement direction of the chain. Use a pair of tongs for dismantling and assembling the spring. See *fig: Chain replacement*.

Adjust chain adjusters to allow chain play according to above. Tighten axle nuts firmly. Put on frame covers again.

NOTE: At assembly the flywheel has to be parallel with the centerline of the frame otherwise the chain and chain wheels makes a lot of noise and wears out rapidly.

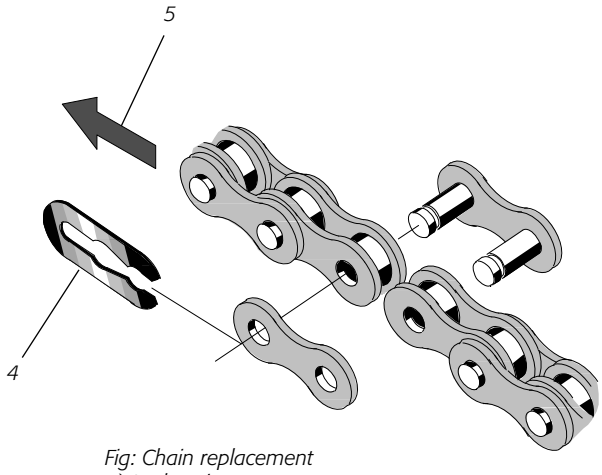


Fig: Chain replacement
4) Lock spring
5) Movement direction
6) Chain lock

Freewheel sprocket

When replacing the freewheel sprocket remove left and right frame cover. Dismantle the chain as described in part ”Chain 1/2” x 1/8” ”.

Loosen the axle nuts and lift off the flywheel. Remove the axle nut, washer, chain adjuster and spacer on the freewheel side. Place the special remover (part No. 9100-14) in the adapter and place the spacer and axle nut outside. See *fig: Special remover.*

NOTE: Do not tighten the axle nut completely. It must be possible to loosen the adapter-sprocket half a turn.

The sprocket should be lubricated with a few drops of oil once a year. Tolt the cycle somewhat to make it easier for the oil to reach the ball bearing. See *fig: Lubrication.*

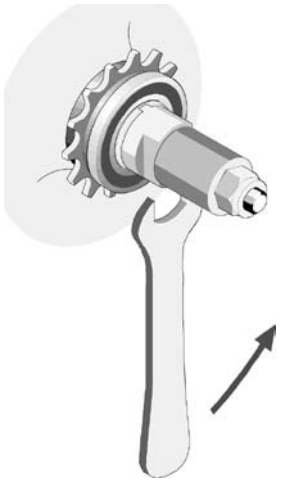


Fig: Special remover (part no: 9100-14)

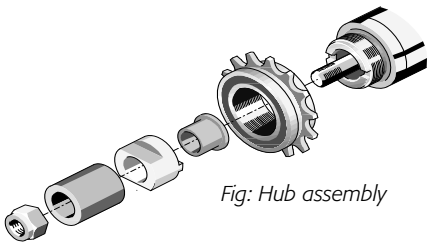
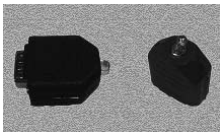


Fig: Hub assembly

Fig: Lubrication

Trouble shooting guide

Symptom	Probable Cause/Corrective Action
There's a click noise with every pedaling (increases with the weight)	The pedals are not tightly drawn. Change pedals. There's a loose in the crank cheek, loose in the base bearing.
Scratching noise is heard when pedaling	Check that the carriage block is taken off and that none of the covers is scratching.
There's a click noise and a squeak noise when pedaling	Untighten the chain a bit.
The Display is not working	Check that the batteries are ok.
Timekeeping does not start	Check if the brake belt is to tight so the magnet will not pass the sensor. This will result in no signal from sensor. There is a video available of web-site www.monark.net which describe adjustment.
Bike would not start. Weight basket does not lock in upper position.	1. AC adaptor is not connected. 2. Main switch is not in ON position. Located on bikes right side under-neath tension devise. 3. The power jack is not functioning, the fuse is blown. 4. Incorrect type of AC adaptor is used. A marking label should be found with the text "Peak bike 894E". Technical data for fitting AC adaptor: Output voltage: +9V DC Output current: 500 mA Polarity:  5. AC adaptor is broken and needs replacement.
Yellow LED does not light as the weight basket raises to its upper locked position. (Expected to be lightened within 2-3 sec after weight basket has been raised.)	1. Check that magnets on both side of tension device has not fallen off and without damages. 2. Check so basket lock sensor and basket drop sensor is working properly and also connected to correct ports on bikes circuit board. See *fig: Connections on Circuit board*.
Problems with the sensors.	Technical advice how to check sensors of magnetic type: 1. Unplug the sensor on bikes circuit board. 2. In the jack in the end of sensor cable measure with a summer or an ohm-meter then angle the magnet in near of the sensor. A signal should be heard or value approx 0 ohm displayed on ohmmeter.
No heart rate	Check the chest belt (battery). Wet the thumbs and place them on the electrodes. A low clicking sound will appear near battery lid while you click on the electrodes with one thumb. Use another external HR monitor to check the belt. Check that the chest belt is positioned correct on test person and tight enough. Check that the electrodes are wet, in hard cases it is necessary to use a contact gel or a mixture of water with a few drops of washing-up liquid. The level for HR signal can vary from person to person. Put chest belt on another known person who has a good pulse rendering.
Uneven heart rate	Use an external unit for example a pulse watch to check if it also indicates irregular pulse. If it is the case there are probably disturbance in the room. Magnetic fields from high voltage cables, elevators, fluorescent tube etc can cause the disturbance. Other electronic equipment could be placed to close. If irregular pulse remains we recommend measuring HR manually. If HR still remains irregular at workload test person's health need to be examined.

Symptom	Probable Cause/Corrective Action
Communication could not be established between the bike and the computer.No RPM visible in Monark software.(Test window)  *Fig: COM-port tester*	1. Data cable between the bike and the computer is not connected or it is damaged. 2. Incorrect type of data cable is used. Correct type null mod cable. 3. Start button in Monark software has not been activated. 4. Communication settings within the Monark software is not correct. Try to change COM port. In software's menu click on – File → **Settings** → **Search Connection** Choose the suggested COM port in the box to the right and confirm by click OK. 5. The computers serial port is broken or its settings are incorrect. Contact your network administrator to check the computer and software installation. Alternative you could try to install Monark software on a different computer. Teknichal accessorie, COM-port tester (art no 9394-525) can bee used if you have problems with the communications beetween bike and PC. Procedure: 1. Connect the data cable between the COMport-tester and the bike. 2. Connect AC adaptor and turn the Main-switch to its ON position. 3. The green LED on the COMport-tester should light up. This will indicate that bikes circuit board is powered On. 4. As the weight basket raise to its upper locked position the red LED on the COMport-tester will give a short flash and vice versa as it drops. 5. As a person starts to pedal the bike the red LED on COMport-tester will flash in the same tact as the RPM. If all expected flashes could be seen on the COMport-tester the bike can be consider being without malfunction. The communication problems is probably caused by the PC where the PC-program is installed. Its COM-port can bee torn or has incorrect driver. If that's the problem please contact your network administrator for control of program installations. Or you can try to install the program on another PC. If a USB- Serial converter is used to connect the bike to a portable PC, bee sure that the driver is installed.
No RPM visible in Monark software. (Test window)	1. Start button in Monark software has not been activated. 2. Check so the sensor on flywheel is working properly and that it is connected to the correct port on bikes circuit board. See *fig: Connections on Circuit board*. 3. Check so the magnet on the flywheels left side does not have fallen off. See *fig: Sensor and magnet on flywheel*.

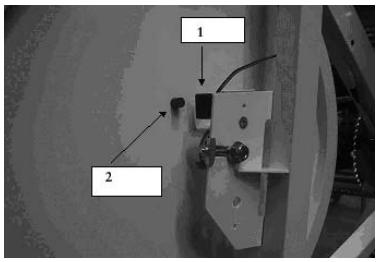


Fig: Sensor and magnet on flywheel
1) Sensor
2) Magnet

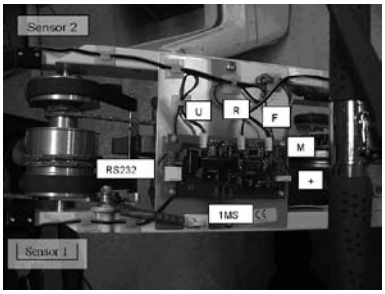
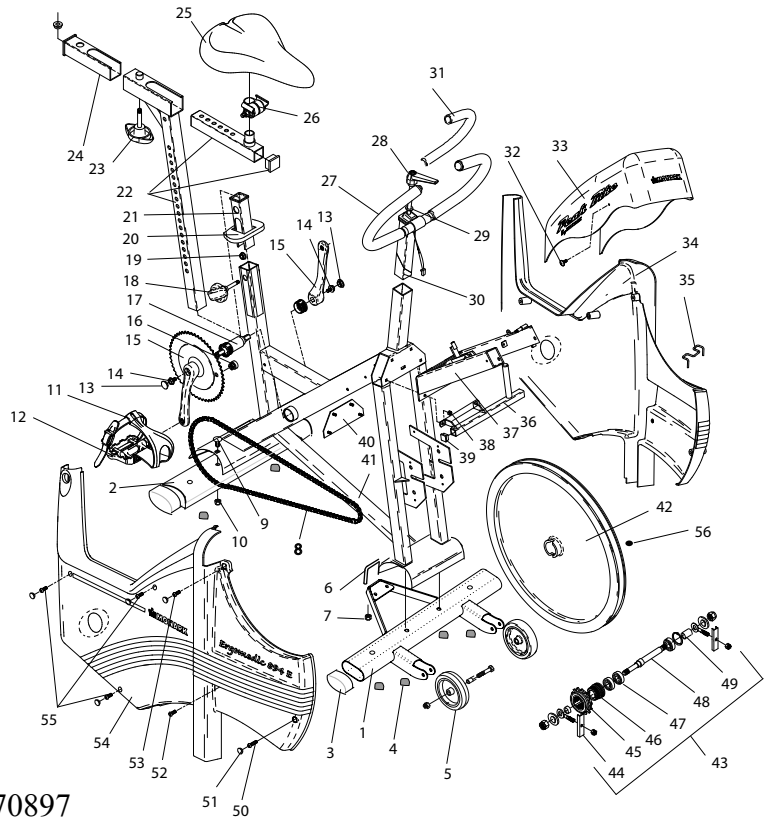


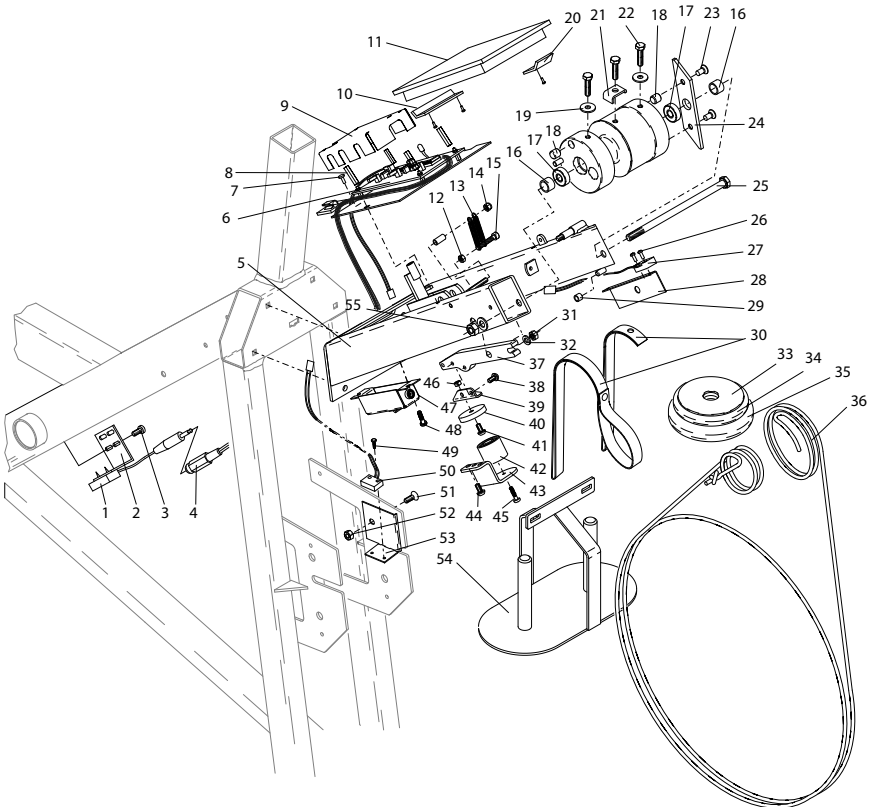
Fig: Connections on circuit board
Connector U: Sensor 1
Connector F: Sensor 2
Connector R: Sensor on flywheel
Connector +: Power supply (red/black wire)
Connector M: Magnet
Connector RS232: Communication cables (5pcs)
Connector 1MS: Button on handlebar

Spare parts



From serial number: WBK 270897

Pos.	Qty.	Art.No.	Description	Pos.	Qty.	Art.No.	Description
1	1	9301-19	Support tube, front	30	1	9300-291	-Expander wedge
2	1	9301-14	Support tube, rear	31	1	9126-72	Hand grip, blue (pair)
3	4	9328-51	Plastic cap, blue	32	2	5675-9	Screw
4	6	9328-26	Rubber foot	33	1	9394-41	Instrument cover
5	1	9328-37	Transport wheel, (pair) compl.	34	1	9394-71	Frame cover, left
6	1	9394-13	Hoop	35	1	9384-45	Belt control
7	2	5843	Locking nut to hoop	36	1	9374-29	Weight holder
8	1	9300-55	Chain 1/2 x 1/8", 116 l	37	1	9374-9	Frame for equipment
9	2	9300-12	Screw MVBF M8x16 mm	38	2	5843-9	Locking nut M6
10	4	5845	Locking nut M8	39	2	9302-28	Plastic cap
11	1	8321-75	Pedal, pair	40	1	9374-60	Bracket
12	1	8323-2	-Pedal cleats, pair, VP	41	1	9301-5	Frame
13	2	8523-2	Dust cover	42	1	9300-3	Flywheel
14	2	8523-115	Screw M6S 8.8 M8 x 20 FZB	43	1	9300-24	Wheel suspension compl. set
15	1	9300-430	Crank set complete	44	1	9000-12	-Chain adjuster (pair)
16	1	9326-164	Magnet	45	1	9106-13	-Sprocket
17	1	8966-175	BB cartridge bearing	46	1	9106-14	-Connection
18	1	9300-122	Locking screw	47	3	91001-6	-Bearing 6001 - 2z
19	2	9300-134	Pressure washer compl.	48	1	9300-118	-Axle
20	1	9300-123	Top cover	49	1	9322-117	-Bush, 23 mm
21	1	9300-115	Saddle bush	50	1	5683	Screw
22	1	9336-111	Saddle post complete	51	10	9306-12	Plastic plug
23	1	9300-718	-Locking screw	52	1	5673-9	Screw
24	1	9300-716	Saddle bush upper	53	1	5681	Screw
25	1	9334-110	Saddle	54	1	9394-70	Frame cover, right
26	1	5466	-Saddle bracket	55	3	5671-19	Screw
27	1	9300-293	Handlebar complete w. button	56	1	9374-16	Magnet
28	1	9100-180	-Screw		1	9339-98	Chest belt
29	1	5866	-Washer		1	9300-365	Software



From serial number: WBK 270897

Pos.	Qty.	Art.No.	Description	Pos.	Qty.	Art.No.	Description
1	1	9326-162	Sensor	29	1	9374-12	PVC cover
2	1	9326-166	Sensor holder	30	1	9324-26	Belt
3	2	9326-59	Screw	31	1	5842-9	Nut
4	1	9326-263	Cable	32	1	5862	Washer
5	1	9374-9	Frame for equipment	33	4	9102-30	Weight 0,1 kg
6	1	9394-10	Electronic set	34	1	9102-27	Weight 0,5 kg
7	4	5675	Screw	35	4	9102-26	Weight 1 kg
8	4	9384-432	Spacer nut	36	1	9384-47	Brake belt
9	1	9394-431	Cover for electronic set	37	1	9384-33	Magnet arm
10	1	9374-172	Bracket	38	2	5673-9	Screw M5x12
11	1	9374-170	Digital meter	39	1	9384-37	Holder
12	1	5842-9	Locking nut	40	1	9384-34	Plate
13	2	9384-36	Spring	41	1	L6042	Screw M5x13
14	1	5767-9	Nut	42	1	9384-32	Electro magnet
15	1	9384-3	Screw	43	1	9384-31	Magnet bracket
16	2	9127-37	Spacer	44	3	5673-9	Screw M5x12
17	2	19088-6	Ball bearing	45	1	5670	Screw
18	2	9374-37	Magnet	46	1	5842-9	Nut M5
19	2	5862	Washer	47	1	9374-240	Contact holder w. cables
20	1	9374-171	Bracket	48	4	5675-9	Screw
21	1	9324-70	Lock washer	49	2	9103-41	Screw
22	3	14323	Screw	50	1	9326-169	Sensor with cable 620 mm
23	2	14379	Screw	51	1	14380	Screw
24	1	9374-21	Stop	52	1	5843-9	Locking nut
25	1	14374	Screw M8 160mm	53	1	9374-23	Sensor holder
26	4	9103-41	Screw	54	1	9324-25	Weight basket
27	2	9326-270	Sensor with cable 390 mm	55	1	5844	Locking nut M8
28	2	9374-22	Sensor holder		1	9384-62	Transformer for USA