

TCORX
PROFESSIONAL LINE

INSTRUCTION



SRX8500



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Rev : 00

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The diagram illustrates a complex mechanical assembly, possibly a medical device like a ventilator or pump. It features a central rotating mechanism with multiple arms and levers. Key components include:

- Central Assembly:** A large circular component (40) with internal mechanisms, surrounded by various structural supports and levers.
- Input/Output Mechanisms:** On the left, there are components labeled 44, 45, 43, 41, 42, 47, 46, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93.
- Control/Adjustment Mechanisms:** On the right, there are components labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93.
- Structural Components:** Various bolts, nuts, and structural supports are labeled throughout the diagram.

The list of parts on the right side of the diagram includes:

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NO	NAME	QUANTITY	SPEC
1	PEDAL	1	JD-304V (9/16")
2	PLASTIC RING	4	φ20*φ9*3
3	BOLT 1	4	GB/T 12-1988 M10*55
4	REAR STABILIZER	1	WELDING
5	FLAT WASHER	4	GB/T 95-2002 10
6	NUT	4	GB/T 802-1988 M10
7	NUT	2	GB/T 41-2000 M8
8	BOLT 2	2	GB/T 5780-2000 M8*40
9	BEARING	4	608ZZ
10	VERTICAL SEAT POST	1	210*50.5*551
11	BOLT 8	2	GB/T 77-2007 M6*6
12	SEAT POST	1	210*55*95
13	SEAT	1	VL-3389A
14	STOPPER	4	φ60*36/(M8X25)
15	FRONT STABILIZER	1	WELDING
16	MAIN FRAME	1	WELDING
17	HANDLEBAR POST	1	95*75*294.8
18	HANDLE BAR	1	WELDING
19	SPRING WASHER	4	GB/T 859-1987 8
20	COVER	4	56*23.6*24.6
21	PLASTIC SLEEVE	2	103*53.5*178
22	BOTTLE HOLDER	1	φ6
23	L SHAPE KNOB	2	M16X30
24	FLAT WASHER	1	φ35*12.2*3
25	BOLT 8	2	GB/T 70.1-2000 M5*18
26	END CAP	1	φ22*1.5
27	BOLT 1	4	GB/T 70.2-2000 M8*16
28	NUT	2	M12X1.25 H=8MM
29	CRANK END CAP	2	φ28*6.5
30	KNOB	1	φ60*43
31	NUT	7	GB/T 889.1-2000 M8
32	Twist The Fixings	1	Φ20*26
33	LEFT CRANK	1	170*15
34	CRANK COVER	1	135.5*23
35	BEARING	2	6004ZZ
36	RIGHT CRANK	1	170*15
37	ADJUSTING METAL	1	1.5
38	NUT	2	GB/T 802-1988 M12X1.25 (H=16mm)
39	FIXING TUBE	1	φ16*φ12.2*35
40	NUT	6	GB/T 889.1-2000 M6
41	BOLT 6	10	GB/T 845-1985 ST4.2*19
42	SCREW 2	8	GB/T 15856.1-2002 ST4.2X19
43	SCREW 2	4	GB/845-85 ST4.8X19
44	OUTER CHAIN COVER	1	654*263*49 (634G)
45	LITTLE CHAIN COVER	1	108*37*3 (7g)
46	AXIS	1	φ20*162
47	LONG FIXING TUBE	1	φ25*φ20.2*41.2
48	SHORT FIXING TUBE	1	φ25*φ20.5*12
49	INNER CHAIN COVER	1	451*260*2 (279g)

NO	NAME	QUANTITY	SPEC
50	CHAIN	1	12.7, 106
51	CHAIN WHEEL	1	P=12.7, Z=52T
52	Brake spring	1	φ14.2*97
53	CLAMP SLEEVE 2	1	φ14*15
54	BRAKE PLATE	1	WELDING
55	BOLT 7	1	GB/T 2672-2000 M6*30
56	PU WHEEL	2	φ69*23
57	END CAP3	4	120*40*35
58	FRONT COVER	1	143*118*54
59	Drawbar	1	φ10*250
60	FIXING TUBE	1	Φ16*Φ12.2*56.1
61	FLYWHEEL	1	Φ453*72(25KG)
62	FLYWHEEL SHAFT	1	Φ25*160
63	FLAT WASHER	1	GB/T 95-2002 6
64	BOLT 2	1	GB/T 70.1-2000 M6*20
65	BOLT 7	12	GB/T 70.1-2000 M4*12
66	FIXING NUT	1	M20*1.0
67	CLAMP SLEEVE	1	φ10*5.5
68	NUT	2	M12X1.25 H=6
69	WOOLLY BLOCK	1	153*16*4
70	BLOCK	1	WELDING
71	FLAT WASHER	2	GB/T 95-2002 8
72	FLYWHEEL COVER	1	φ59*35
73	FIXING NUT 2	2	φ44.8*16.5
74	BOLT 1	4	GB/845-85 M4*12
75	COVER	4	58*36.3*22.7
76	Handle	2	79*32*32.6
77	SCREW3	1	GB/T 15856.1-2002 ST4.2X13
78	Brake pad bushing	1	Φ10.8*Φ8.2*7
79	Plastic plug	2	φ14*14
80	BEARING	2	6001ZZ
81	Handle base	2	41.5*30*30
82	Handle rotary copper sleeve	2	φ12*20
83	BOLT 16	2	M6*30
84	Handle cover	2	φ16.4*10.3*5.5
85	NUT	1	GB/T 41-2000 M10
86	CHAIN WHEEL	1	A7K-16 1/2"*1/8" 16T (1.37")
87	LOCK NUT	2	M33*1*4
88	HANDLEBAR UP POST	1	55*35
89	SPRING WASHER 2	3	GB/T 859-1987 8
90	BOLT 3	3	GB/T 70.1-2000 M8*16
91	BOLT 4	2	GB/845-85 M6*16
92	Flywheel shaft sleeve	1	φ24*φ12.2*11.5
93	the plastic sleeve	1	Φ21.4*Φ13*45
94	Rubber strip	1	7*7*325
95	Brake rubber pad	1	90*15*13
96	BOLT 5	2	ST4.2*6 F
97	BOLT 6	1	GB/T 70.1-2000 M6*60
98	BOLT 7	1	GB/T 70.1-2000 M6*50

ASSEMBLY INSTRUCTION:

1.PREPARATION:

- A. Before assembling make sure that you will have enough space around the item.
- B. Use the present tooling for assembling.
- C. Before assembling please check whether all needed parts are available (at the above of this instruction sheet you will find an explosion drawing with all single parts (marked with numbers) which this item consists of.

2.ASSEMBLY INSTRUCTION:

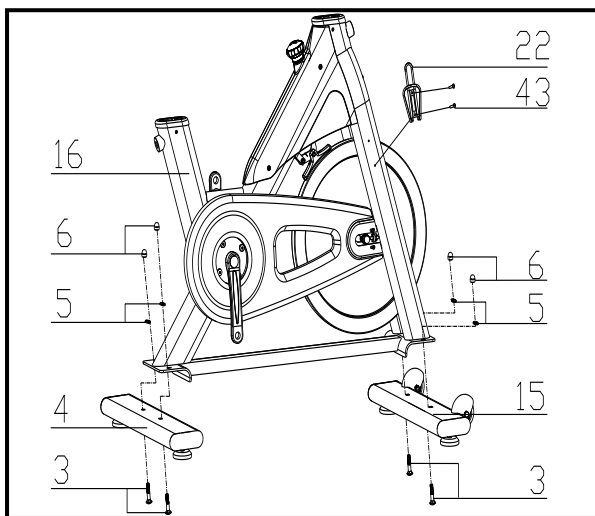


FIG.1

FIG.1:

Attach the Front Stabilizer (pt.15) to the Main Frame (pt.16) using two sets of Ø8 Flat Washers (pt.5), M10 Domed Nut (pt.6) and M10*55 Carriage bolt (3). Attach the Rear Stabilizer (pt.4) to the Main Frame (pt.16) using two sets of Ø10 Flat Washers (pt.5), M10 Domed Nut (pt.6) and M10*55 Carriage bolt (3).

Fixing the bottle holder (pt.74) to the main frame (pt.16) with the screw (pt.43).

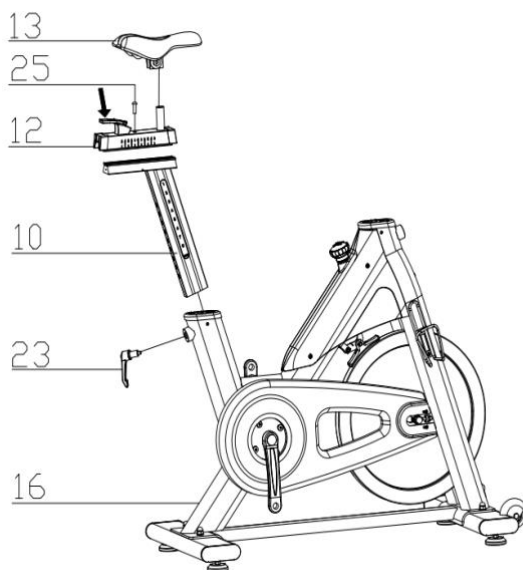


FIG.2

FIG.2:

Slide the Vertical Seat Post (pt.10) into the seat post housing on the main frame (pt.16). And then release the round nut , Then slide the Seat Post (pt.12) into the Vertical Seat Post (pt.10),Then fixing the bolt8 (pt.25), You will have to slacken the knurled section of the Adjustment Knob (pt.42) and pull the knob back and then select the desired height. Release the knob and retighten the knurled portion.

Now fix the Seat (pt.13) to the Seat Post (pt.12) as shown, and tighten the bolts around the screws under the seat.

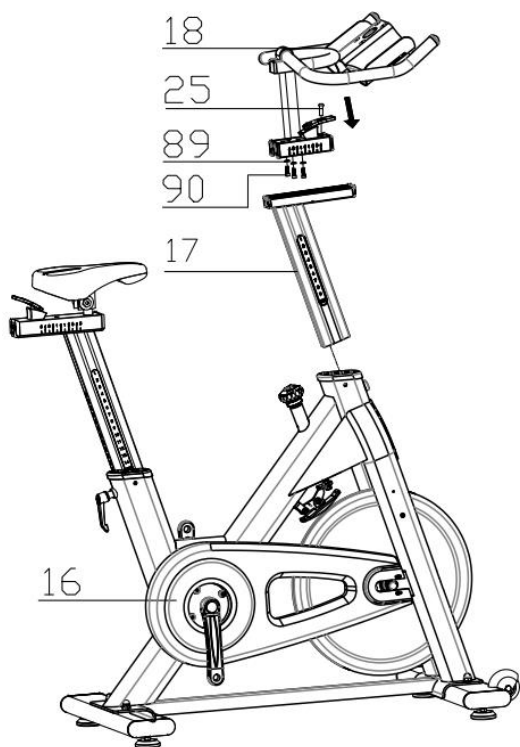


FIG.3

FIG.3:

Slide the Handlebar Post (pt.17) into the handlebar post housing on the main frame(pt.16).

Then fix the Handlebar (pt.18) with a flat SPRING WASHER (pt.89) and BOLT (pt.90).

ATTENTION: YOU SHOULD FIX THE HANDLEBAR TIGHTLY

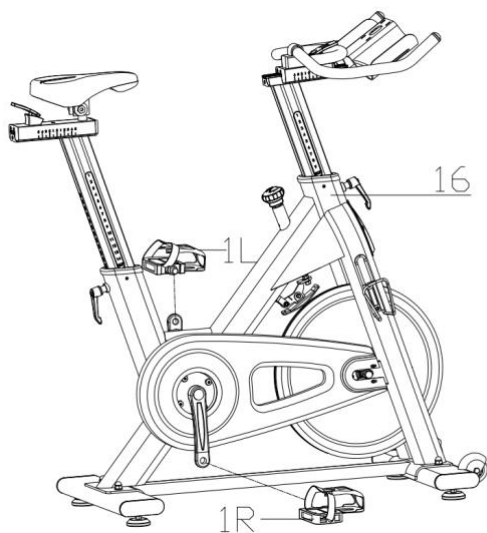


FIG.4

FIG.4:

The Pedals (pt.1 L & pt.1 R) are marked "L" and "R" - Left and Right. Connect them to their appropriate crank arms. The right crank arm is on the right- hand side of the cycle as you sit on it.

Note that the Right pedal should be threaded on clockwise and the Left pedal anticlockwise.

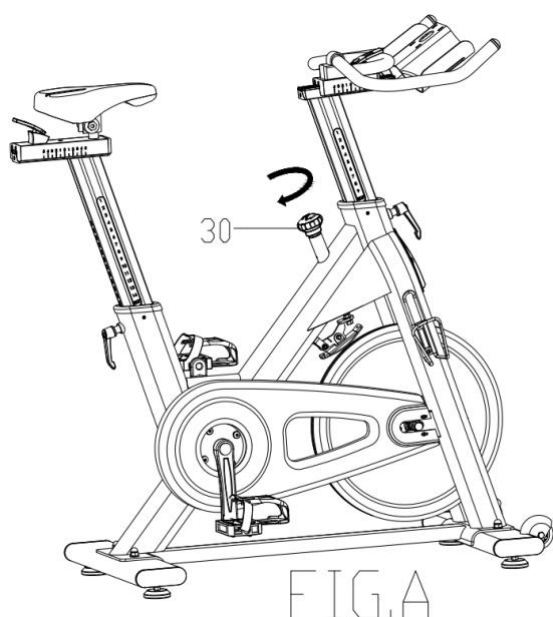


FIG.A

A.) Adjusting the Tension:

Increasing or decreasing the tension allows you to add variety to your workout sessions by adjusting the resistance level of the bike.

To increase tension and increase resistance (requiring more strength to pedal), turn the *Emergency Brake & Tension Control Knob (#30)* to the *right*.

To decrease tension and increase resistance (requiring less strength to pedala), turn the *Emergency Brake & Tension Control Knob (#30)* to the *left*.B.) Using the Emergency Brake Function:

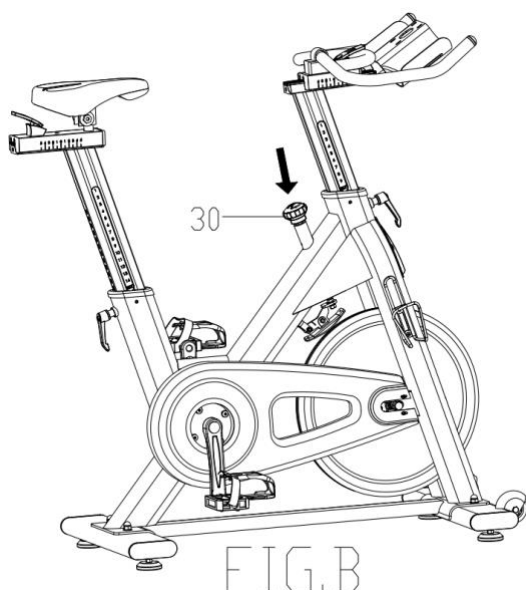


FIG.B

The same knob that allows you to adjust the tension of the bike also doubles as the Emergency Brake. Use this safety feature in any situation where you would need to get off the bike and/or stop the bike's flywheel.

To use the Emergency Brake function in any situation you would need it in, firmly press down on the *Emergency Brake & Tension Control Knob (#30)*.

ADJUSTMENT

***To adjust the seat height, slacken the spring knob on the vertical post stem on the main frame and pull back the knob. Position the vertical seat post for the desired height so that holes are aligned, then release the knob and retighten it.**

***To move the seat forward in the direction of the handlebar or backwards away from it, loosen the adjusting knob and washer and pull the knob back. Slide horizontal seat post into desired position. Align holes and then retighten the adjusting knob.**

***To adjust the handlebar height, slacken the spring knob and secondary knob and pull both knobs back. Slide the handlebar post along the housing on the main frame to the desired height and, with the holes aligned correctly, tighten the spring adjusting knob and then the secondary knob.**



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