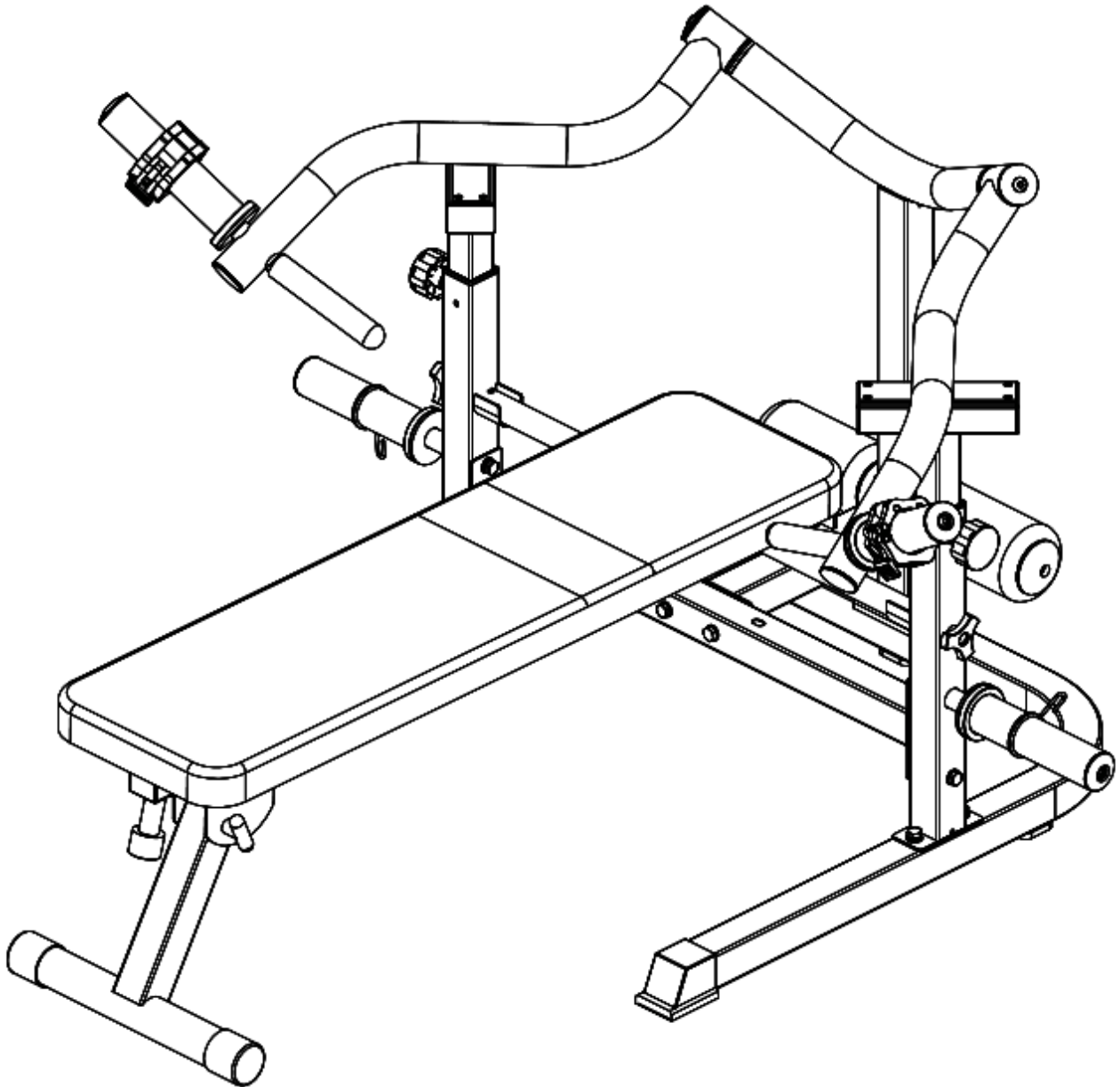


**CORTEX<sup>®</sup>**

# BNL1 Leverage Flat Bench

**USER MANUAL**



Product may vary slightly from the item pictured due to model upgrades.



**Read all instructions carefully before using this product.  
Retain this owner's manual for future reference.**

**NOTE:**

This manual may be subject to updates or changes. Up to date manuals are available through our website at [www.lifespanfitness.com.au](http://www.lifespanfitness.com.au)



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# I. IMPORTANT SAFETY INSTRUCTIONS

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 **WARNING: Read all instructions before using this product.**

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Please keep this manual with you at all times

- It is important to read this entire manual before assembling and using the equipment. Safe and effective use can only be achieved if the equipment is assembled, maintained, and used properly. **Please note:** It is your responsibility to ensure that all users of the equipment are informed of all warnings and precautions.
- Before starting any exercise program, you should consult your doctor to determine if you have any medical or physical conditions that could put your health and safety at risk, or prevent you from using the equipment properly. Your doctor's advice is essential if you are taking medication that affects your heart rate, blood pressure or cholesterol level.
- Be aware of your body's signals. Incorrect or excessive exercise can damage your health. Stop exercising if you experience any of the following symptoms: pain, tightness in your chest, irregular heartbeat, and extreme shortness of breath, lightheadedness, dizziness, or feelings of nausea. If you do experience any of these symptoms, you should consult your doctor before continuing with your exercise program.
- Keep children and pets away from the equipment. This equipment is designed for adult use only.
- Use the equipment on a solid, flat level surface with a protective cover for your floor or carpet. To ensure safety, the equipment should have at least 2 meters of free space around it.
- Before using the equipment, check that the nuts and bolts are securely tightened. If you hear any unusual noises coming from the equipment during use and assembly, stop immediately. Do not use the equipment until the problem has been rectified.
- Wear suitable clothing while using the equipment. Avoid wearing loose clothing that may get caught in the equipment or that may restrict or prevent movement.
- This equipment is designed for indoor and family use only.
- Care must be taken when lifting or moving the equipment so as not to injure your back.
- Always keep this instruction manual and assembly tools at hand for reference.
- The equipment is not suitable for therapeutic use.

# II. CARE INSTRUCTIONS

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- Lubricate moving joints with grease after periods of usage.
- Be careful not to damage plastic or metal parts of the machine with heavy or sharp objects.
- The machine can be kept clean by wiping it down using a dry cloth.
- Regularly check all moving parts and grasp whether there are signs of wear and damage, and if any, stop using the device immediately and contact the rear of my department.
- During inspection, all bolts and nuts must be fully fixed. If bolts or nuts are loose, please secure them in place.
- Check that the weld is free of cracks.
- Failure to perform daily maintenance may result in personal injury or equipment damage.

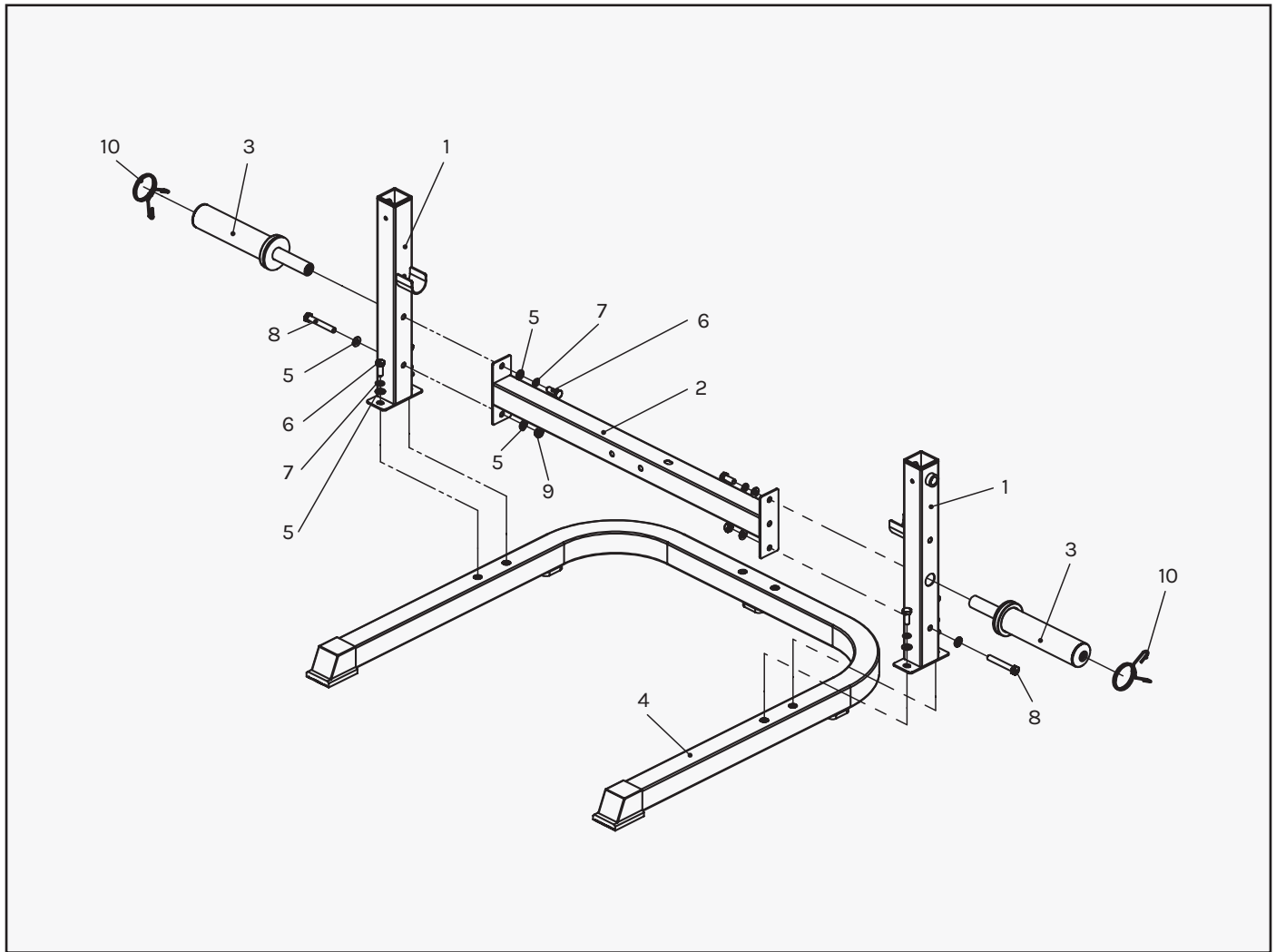
# III. PARTS LIST

Key No.	Description	Note	Qty.
1	Support Frame		2
2	Across Tube		1
3	Barbell Bar		2
4	Ground Tube		1
5	Washer	φ10	22
6	Hexagon Bolt	M10 x 25	8
7	Spring Washer	Φ10	10
8	Hexagon Bolt	M10 x 70	6
9	Lock Nut	M10	7
10	Butterfly Pin	φ50	2
11	Back Support Tube		1
12	Back Connect Square Tube		1
13	Adjust Tube-Left		1
14	Adjust Tube-Right		1
15	Back Cushion Frame		1
16	Plum Flower Pull Pin	M18 x 1.5-35	2
17	Triangle Pin	φ8 x 60	2
18	Back Cushion Behind Support Frame		1

Key No.	Description	Note	Qty.
19	T Shape Pin	φ10 x 85	1
20	Bend Tube-Left		1
21	Bend Tube-Right		1
22	Hexagon Socket Plain Round Head Screw	M10 x 25	2
23	Decorate Cover	Φ50	2
24	Collar Clamp	Φ50	2
25	Back Cushion	1100 x 300 x 50	1
26	Flat Washer	φ8	3
27	Hexagon Bolt	M8 x 65	3
28	Sponge Tube		1
29	Sponge Inner Cap		2
30	100 Sponge	φ100 x 175	2
31	Sponge Outer Cap		2
32	Hexagon Socket Plain Round Head Screw	M8*25	2
33	Hexagon Bolt	M10*75	1

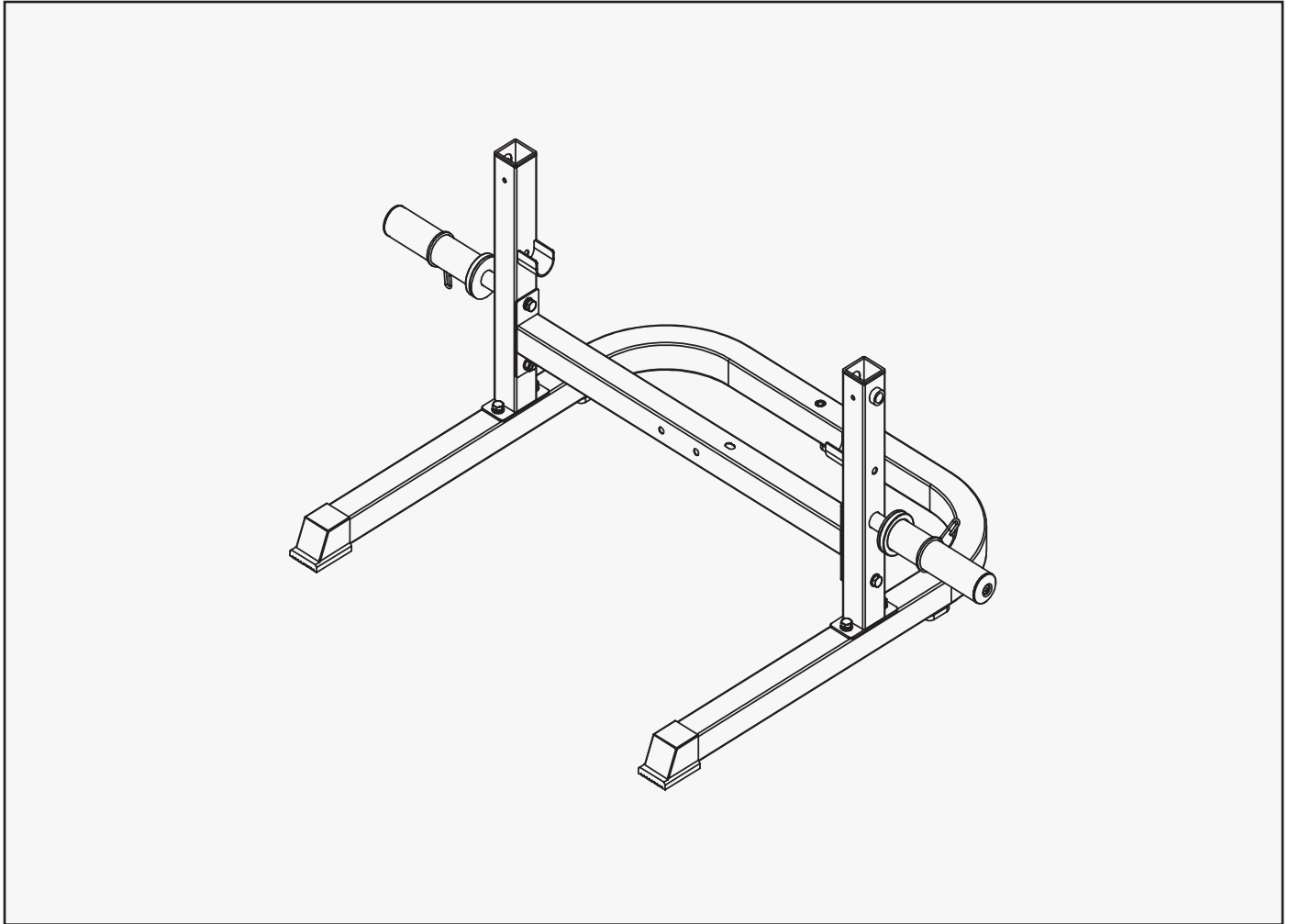


# IV. ASSEMBLY INSTRUCTIONS



## STEP 1

Key No.	Description	Note	Qty.	Key No.	Description	Note	Qty.
1	Support Frame		2	6	Hexagon Bolt	M10 x 25	6
2	Across Tube		1	7	Spring Washer	Φ10	6
3	Barbell Bar		2	8	Hexagon Bolt	M10 x 70	2
4	Ground Tube		1	9	Lock Nut	M10	2
5	Washer	φ10	10	10	Butterfly Pin	φ50	2



1. As shown in the figure, assemble support frame - 1 onto ground tube - 4 using:

- M10 x 25 hexagon bolt - 6
- $\phi 10$  spring washer - 7
- $\phi 10$  washer - 5

Left and right side have one piece, respectively. Tighten the bolts.

2. As shown in the figure, connect the 2-piece support frame - 1 and across tube - 2 using:

- M10 x 70 hexagon bolt - 8
- $\phi 10$  washer - 5
- M10 lock nut - 9

Tighten the bolts.

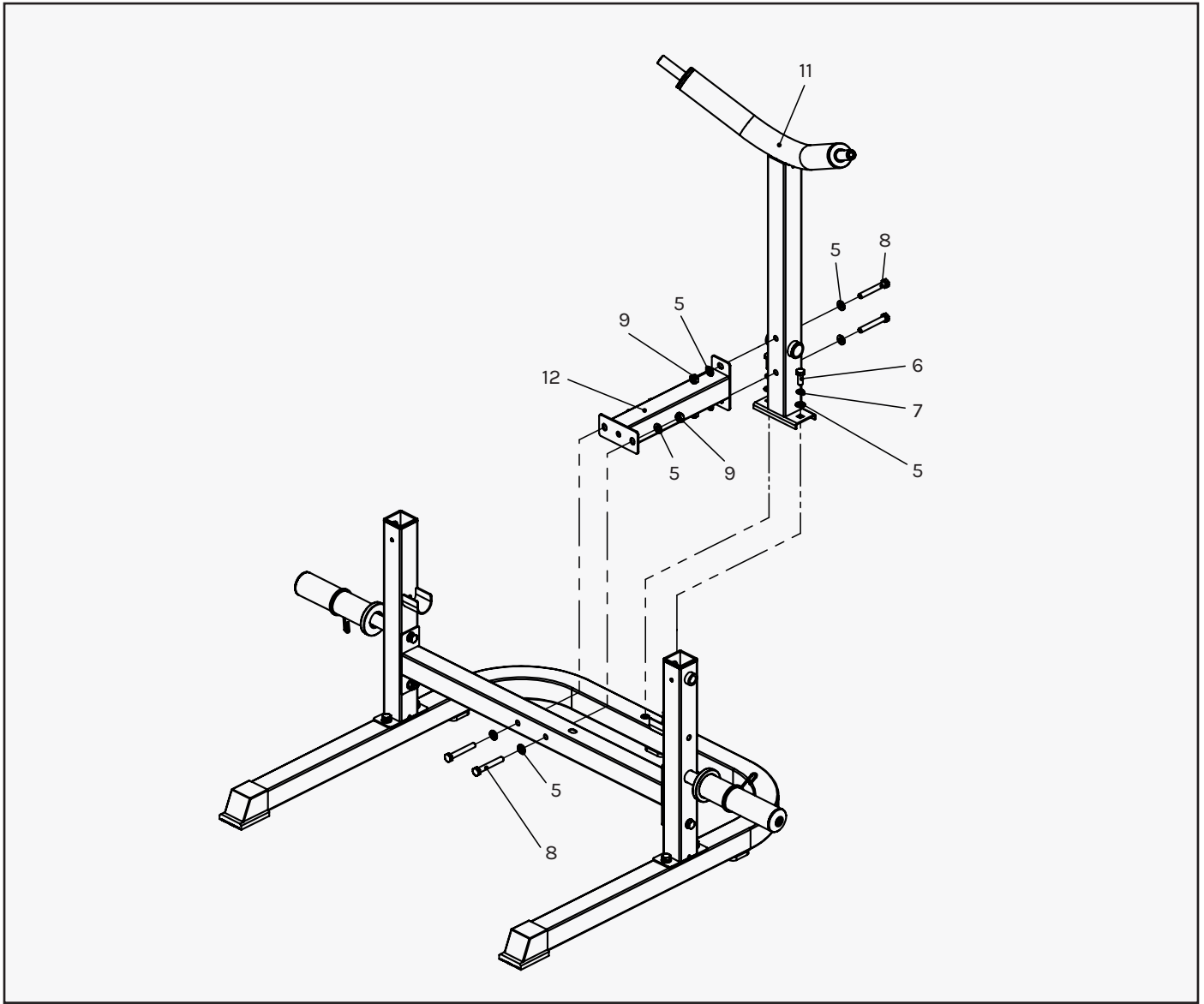
3. Assemble barbell bar - 3 on support frame - 1 using:

- M10 x 25 hexagon - 6
- $\phi 10$  spring washer - 7
- $\phi 10$  washer - 5

Left and right side have one piece, respectively. Tighten the screws.

4. As shown in the figure, assemble butterfly pin - 10 on the barbell bar - 3.

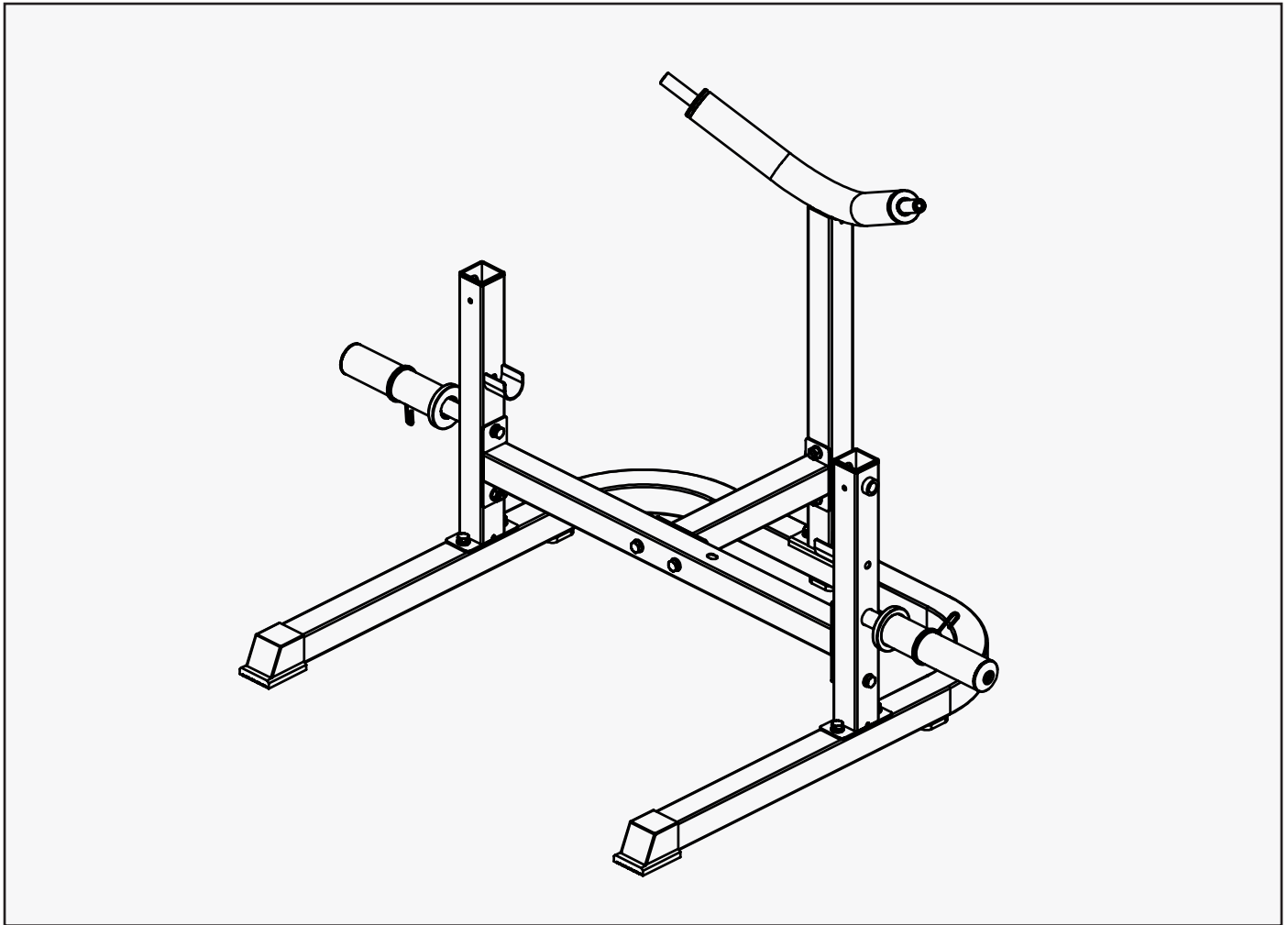
Left and right side have one piece, respectively. Tighten the bolts.



**STEP 2**

Key No.	Description	Note	Qty.	Key No.	Description	Note	Qty.
11	Back Support Tube		1	6	Hexagon Bolt	M10 x 25	2
12	Back Connect Square Tube		1	8	Hexagon Bolt	M10 x 70	4
5	Washer	Φ10	10	7	Spring Washer	Φ10	2
9	Lock Nut	M10	4				





1. Assemble back support tube - 11 on main machine using:

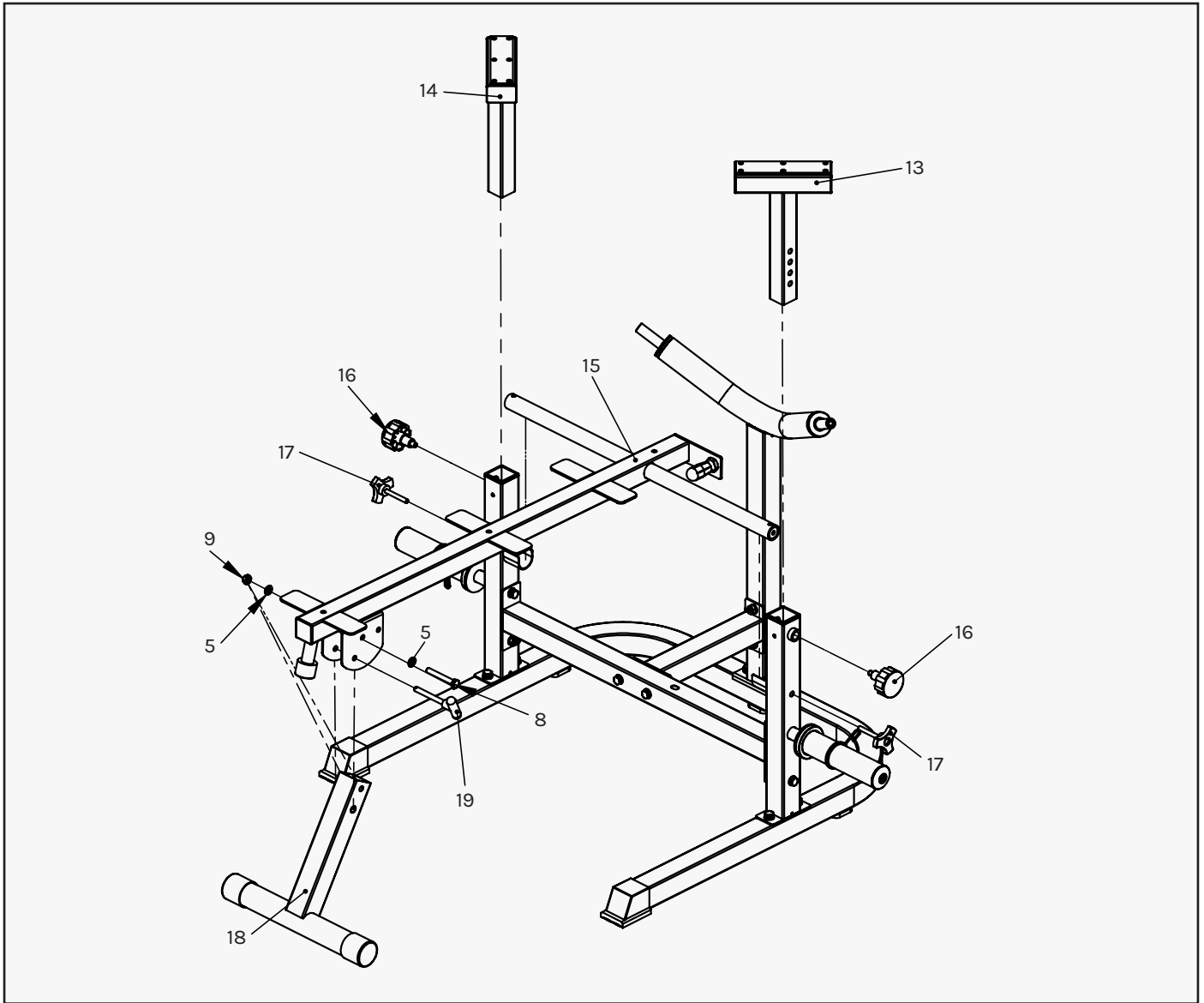
- M10 x 25 hexagon bolt - 6
- $\phi$ 10 spring washer - 7
- $\phi$ 10 washer - 5

Tighten the bolts.

2. As shown in the figure assemble back connect square tube - 12 on main machine using:

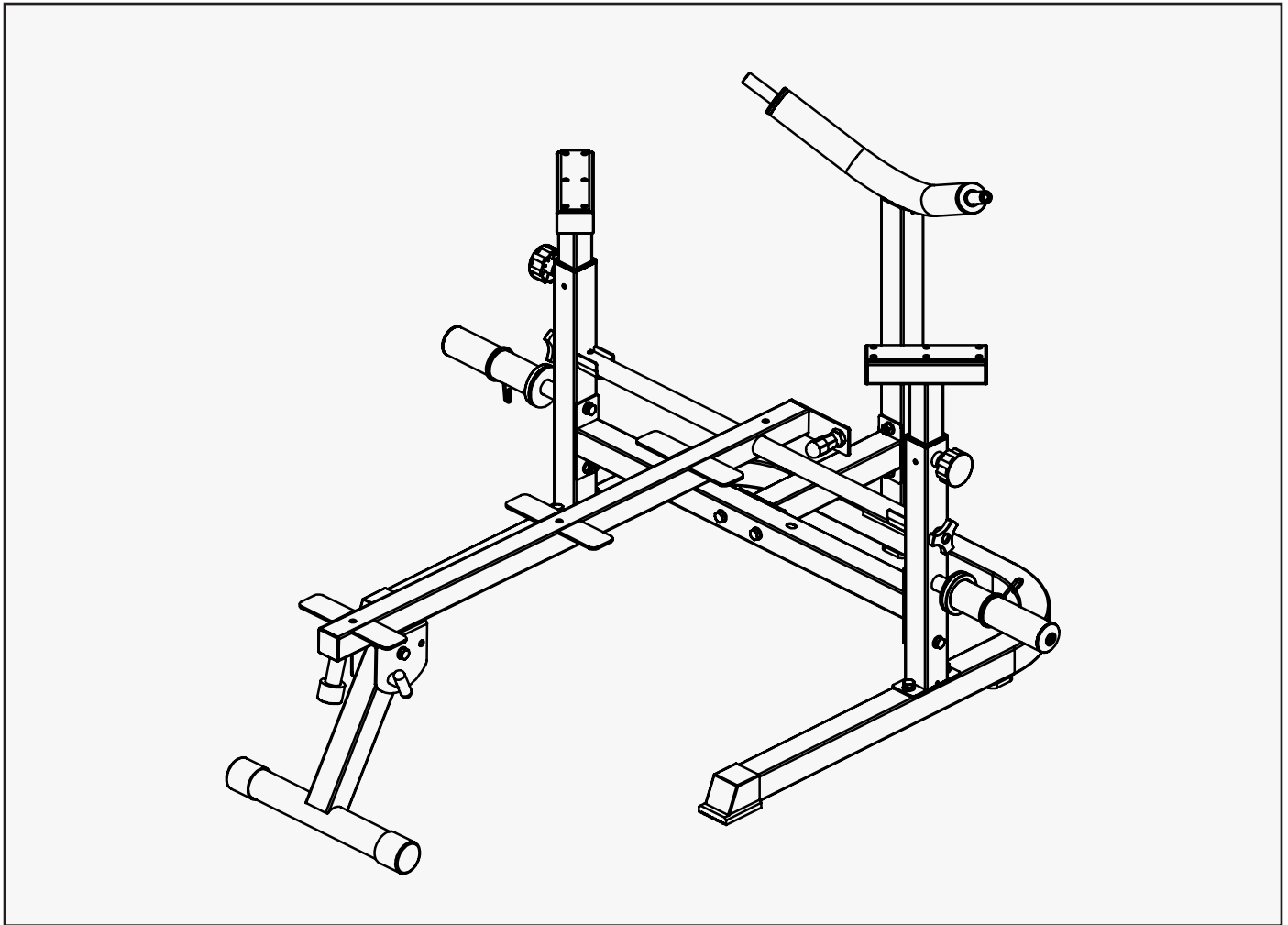
- M10 x 70 hexagon bolt - 8
- $\phi$ 10 washer - 5
- M10 lock nut - 9

Tighten the bolts.



### STEP 3

Key No.	Description	Note	Qty.	Key No.	Description	Note	Qty.
13	Adjust Tube-Left		1	18	Back Cushion Behind		1
14	Adjust Tube-Right		1	33	Hexagon Bolt	M10 x 75	1
15	Back Cushion Frame		1	5	Washer	φ10	2
16	Plum Flower Pull Pin	M18 x 1.5-35	2	9	Lock Nut	M10	1
17	Triangle Pin	φ8 x 60	2	19	T Shape Pin	φ10 x 85	1



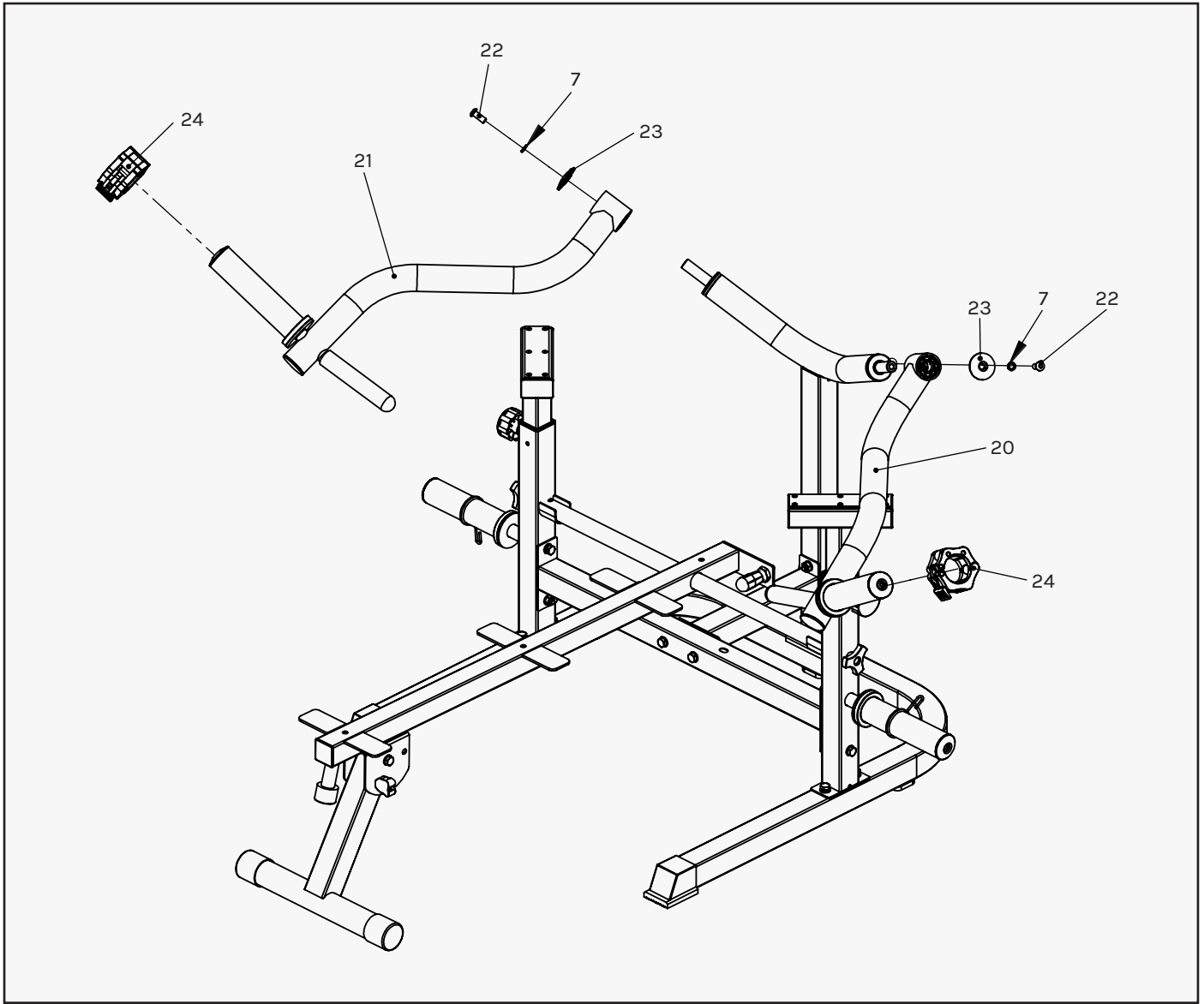
1. As shown in the figure assemble adjust tube left - 13, adjust tube right - 14 on main machine and put plum flower pull pin - 16. Left and right have one piece, respectively.

2. Assemble back cushion frame - 15 on main machine using triangle pin - 17 to secure it. Left and right have one piece, respectively.

3. As shown in the figure assemble back cushion behind support frame - 18 on back cushion frame - 15 using:

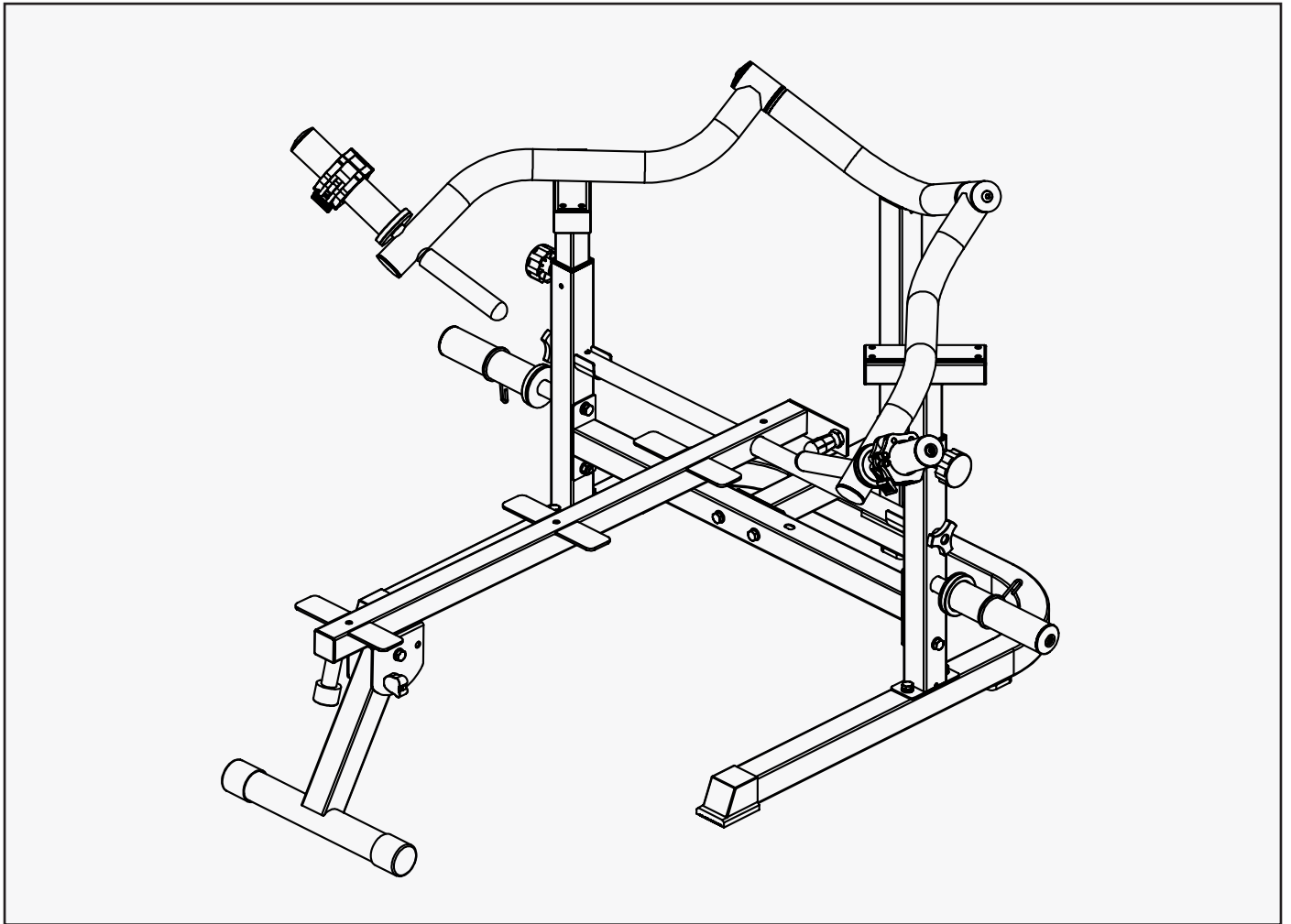
- M10 x 75 hexagon bolt - 33
- $\phi 10$  washer - 5
- M10 lock nut - 9
- $\phi 10 \times 85$  T shape pin - 19

**!** **ATTENTION:** In order not to affect the flexibility of adjustment, when assembling the back cushion behind the support frame - 18, please DO NOT over tighten the bolts.



### STEP 4

Key No.	Description	Note	Qty.	Key No.	Description	Note	Qty.
20	Bend Tube-Left		1	23	Decorate Cover	Φ50	2
21	Bend Tube-Right		1	24	Collar Clamp	Φ50	2
22	Hexagon Socket Plain Round Head Screw	M10 x 25	2	7	Spring Washer	Φ10	2



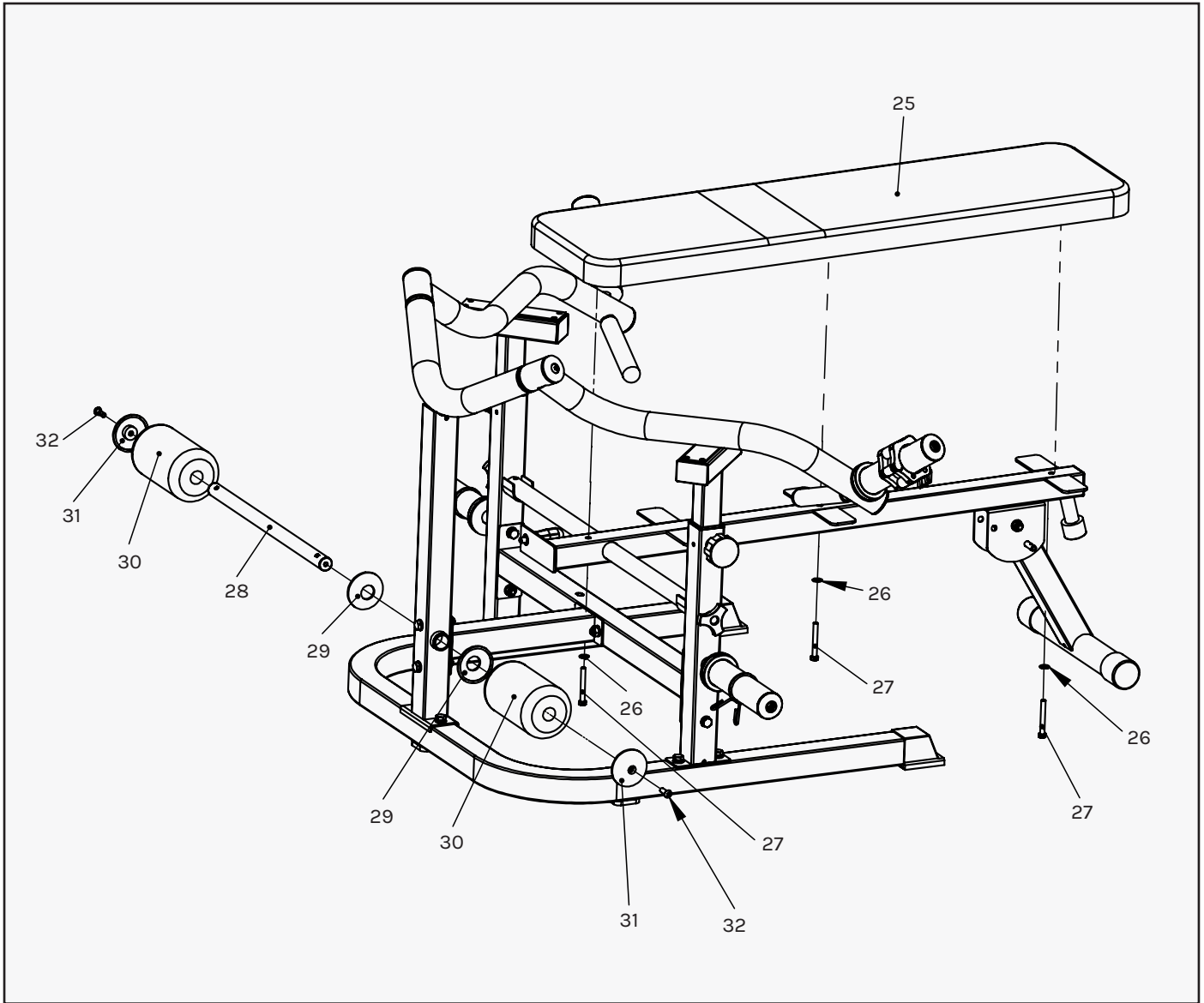
1. As shown in the figure, assemble bend tube left - 20 on main machine then put decorate cover - 23 sponge cover cap - 20 using:

- $\phi 10$  spring water - 7
- M10 x 25 hexagon socket plain round screw - 22

Tighten the bolts.

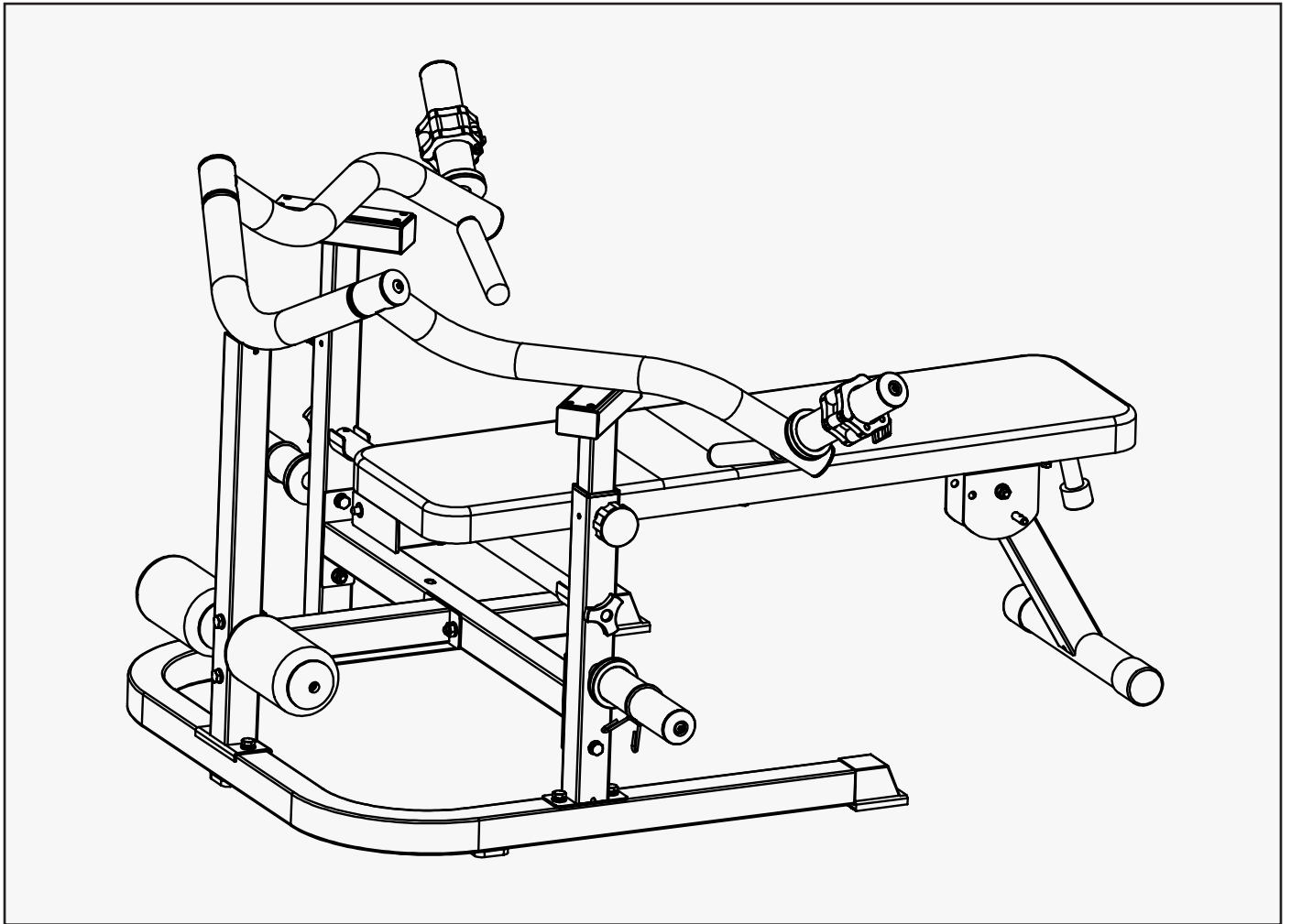
2. The bend tube right - 21 install method is same as bend tube left - 20.

3. As shown in the figure, assemble collar clamp - 24 on the bend tube right and left.



## STEP 5

Key No.	Description	Note	Qty.	Key No.	Description	Note	Qty.
25	Back Cushion	1100 x 300 x 50	1	29	Sponge Inner cap		2
26	Flat Washer	φ8	3	30	100 Sponge	φ100 x 175	2
27	Hexagon Bolt	M8 x 65	3	31	Sponge Outer Cap		2
28	Sponge Tube		1	32	Hexago Socket Plain Round Head Screw	M8 x 25	2



1. As shown in the figure, assemble the sponge inner cap - 29, sponge tube - 28, 1-sponge - 30, sponge outer cap - 31 on the main machine using:
  - M8 x 25 hexagon socket plain round head screw - 32Left and right have one piece, respectively. Tighten the bolts.

# V. EXERCISE GUIDE

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## ! PLEASE NOTE:

Before beginning any exercise program, consult your physician. This is important for individuals over the age of 45 or with pre-existing health problems.

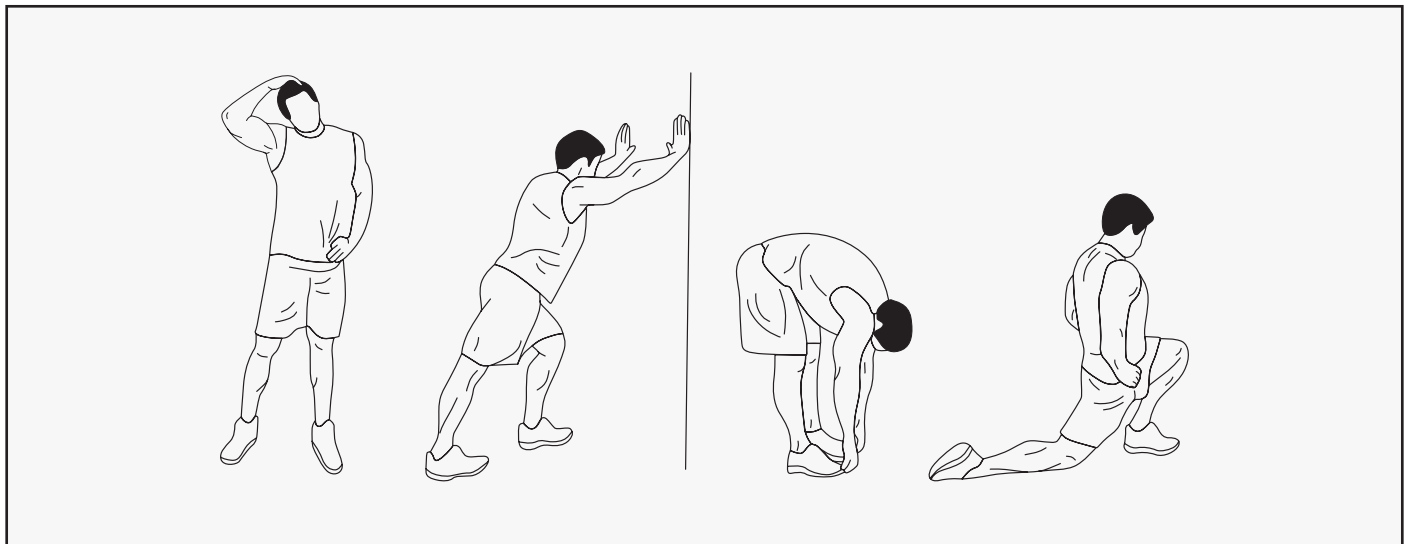
The pulse sensors are not medical devices. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensors are intended only as an exercise aid in determining heart rate trends in general.

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Exercising is a great way to control your weight, improve your fitness and reduce the effect of aging and stress. The key to a healthy lifestyle is to make exercise a regular and enjoyable part of your everyday life.

The condition of your heart and lungs and how efficient they are in delivering oxygen via your blood to your muscles is an important factor to your fitness. Your muscles use this oxygen to provide enough energy for daily activity. This is called aerobic activity. When you are fit, your heart will not have to work so hard. It will pump a lot fewer times per minute, reducing the strain on your heart.

So as you can see, the fitter you are, the healthier and greater you will feel.



## WARM UP

Start each workout with 5 to 10 minutes of stretching and some light exercises. A proper warm-up increases your body temperature, heart rate and circulation in preparation for exercise. Ease into your exercise.

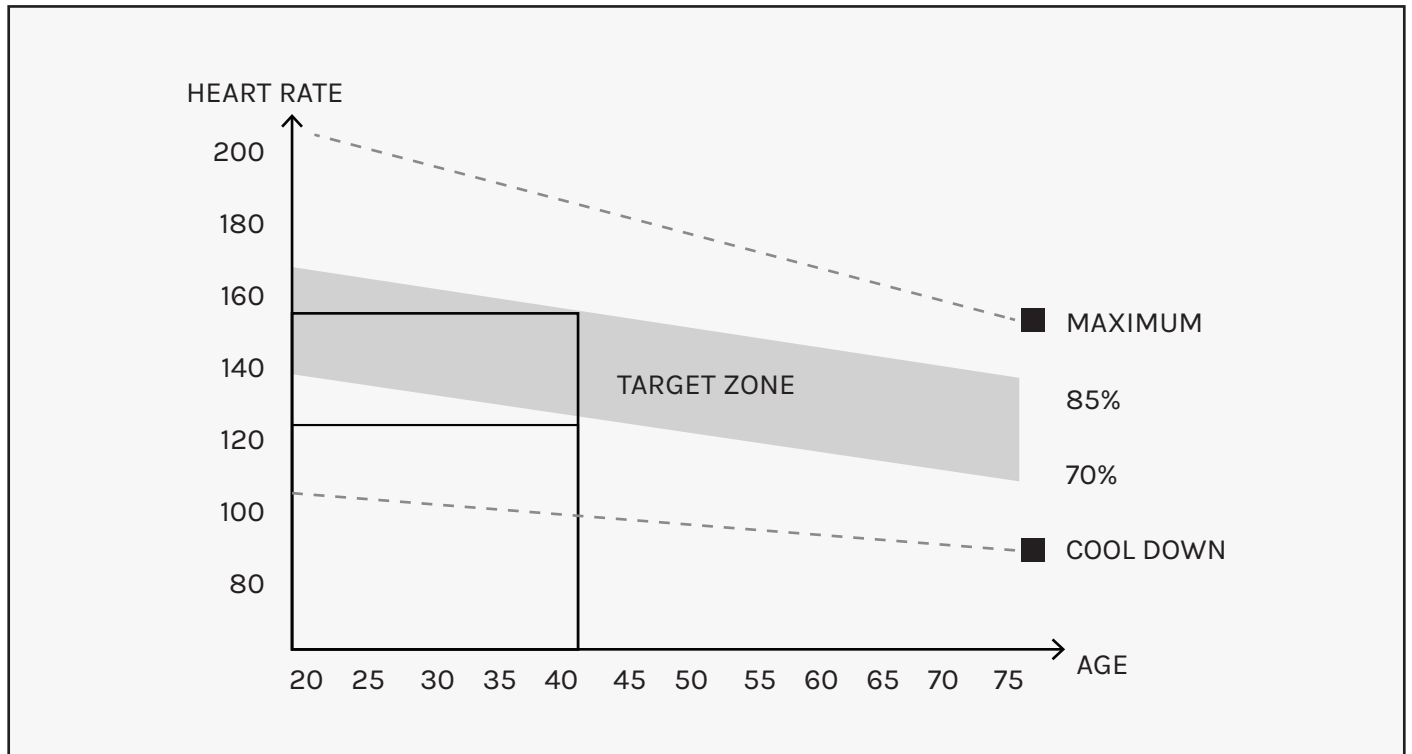
After warming up, increase the intensity to your desired exercise program. Be sure to maintain your intensity for maximum performance. Breathe regularly and deeply as you exercise.



## COOL DOWN

Finish each workout with a light jog or walk for at least 1 minute. Then complete 5 to 10 minutes of stretching to cool down. This will increase the flexibility of your muscles and will help prevent post-exercise problems.

## WORKOUT GUIDELINES



! This is how your pulse should behave during general fitness exercise. Remember to warm up and cool down for a few minutes.

# VI. WARRANTY

## AUSTRALIAN CONSUMER LAW

Many of our products come with a guarantee or warranty from the manufacturer. In addition, they come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

You are entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Full details of your consumer rights may be found at [www.consumerlaw.gov.au](http://www.consumerlaw.gov.au).

Please visit our website to view our full warranty terms and conditions:  
<http://www.lifespanfitness.com.au/warranty-repairs>

## WARRANTY AND SUPPORT

Any claim against this warranty must be made through your original place of purchase. Proof of purchase is required before a warranty claim may be processed.

If you have purchased this product from the Official Lifespan Fitness website, please visit <https://lifespanfitness.com.au/warranty-form>

For support outside of warranty, if you wish to purchase replacement parts or request a repair or service, please visit <https://lifespanfitness.com.au/warranty-form> and fill in our Repair/Service Request Form or Parts Purchase Form.

Scan this QR code with your device to go to [lifespanfitness.com.au/warranty-form](https://lifespanfitness.com.au/warranty-form)





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