

SPIRIT



SP-3517 Assisted Chin/Dip **OWNER'S MANUAL**

Please carefully read this entire manual before operating your new strength equipment.

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INTRODUCTION

This manual will acquaint you with the assembly, operation and maintenance of your strength equipment.

- SPIRIT Series – SP-3517 Asisted Chin/Dip manufactured by Spirit Fitness®

Be sure to read and follow the information and instructions before assembling, using or servicing SPIRIT strength equipment.

MANUFACTURER

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Tel: +44 (0)800 029 3865
Email: sales@dyaco.co.uk

If any items need replacement contact the Spirit Fitness Customer Support Department. For international customers, please contact your local distributor.

IMPORTANT SAFETY INSTRUCTIONS

Read the Owner's Manual carefully before assembling, servicing or using the equipment. It is the responsibility of the facility owner and/or owner of the equipment to instruct users on proper operation of the equipment and review all labels.

WARNING: Serious injury could occur if these safety precautions are not observed:

USER SAFETY PRECAUTIONS

- Obtain a medical exam before beginning any exercise program.
- Stop exercising if feeling faint, dizzy or experiencing pain and consult your physician.
- Obtain instructions before using.
- Read and understand the owner's manual and all warnings posted on the machine before using.
- Keep all children (12 and under) away. Teenagers (13 and over) and disabled must be supervised.
- Keep body and clothing free from and clear of all moving parts.
- Use the machine only for the intended use. DO NOT modify the machine.
- Inspect machine prior to use. DO NOT use if it appears damaged or inoperable.
- Inspect all cables and connections prior to use. DO NOT use if any components are worn, frayed or damaged.
- DO NOT attempt to fix a broken or jammed machine. Notify floor staff.
- DO NOT use if guards are missing or damaged.
- Be sure that the weight pin is completely inserted. Use only the pin provided by the manufacturer. If unsure seek assistance.
- Never pin the weights in an elevated position. DO NOT use this machine if found in this condition. Seek assistance from floor staff.
- DO NOT use dumbbells or other incremental weights, except those provided by the manufacturer.
- Report any malfunctions, damage or repairs to the facility.
- Replace any warning labels if damaged, worn or illegible.
- DO NOT use this machine outdoors.

FACILITY SAFETY PRECAUTIONS

- Read the Owner's Manual carefully before assembling, servicing or using the equipment.
- Make sure that each machine is set up and operated on a solid level surface.
- Make sure that all users are properly trained on how to use the equipment.
- Make sure there is enough room for safe access and operation of the equipment.
- Perform regular maintenance checks on the equipment. Also pay close attention to all areas most susceptible to wear, including (but not limited to) cables, pulleys, belts and grips.
- Immediately replace worn or damaged components. If unable to immediately replace worn or damaged components then remove from service until the repair is made.
- Use only Spirit Fitness supplied components to maintain/repair the equipment.
- Keep a repair log of all maintenance activities.
- Inspect all cables and belts and connections prior to use. DO NOT use if any components are worn, frayed or damaged.

NOTE: It is the sole responsibility of the user/owner or facility operator to ensure that regular maintenance is performed.

SECURING EQUIPMENT

The machine has holes in the feet, which allow for ease in anchoring to the floor. Spirit Fitness strongly recommends that to eliminate rocking, tipping or falling over due to incorrect usage and misuse, equipment be secured to a solid, level surface.

The solid, level surface should not deviate more than 1/8" over a 10' distance or as defined and required by local building and architectural codes.

Anchoring of equipment must be completed by a qualified licensed contractor.

Anchoring holes are provided on the feet of the frame. All anchoring locations must be used when anchoring the equipment to the floor.

Due to the wide variation of flooring on which machines may be anchored or installed, verify anchoring method and anchoring fasteners with a qualified and licensed contractor.

All anchor points must be able to withstand 750 lbs. (3.3 kN) pull-out force.

Do not use machine until it is properly anchored.

SAFETY GUIDELINES AND PRACTICES

Spirit Fitness recommends that all fitness equipment be used in a supervised area. It is recommended that the equipment be located in an access controlled area. Control is the responsibility of the owner. The extent of control is at the discretion of the owner.

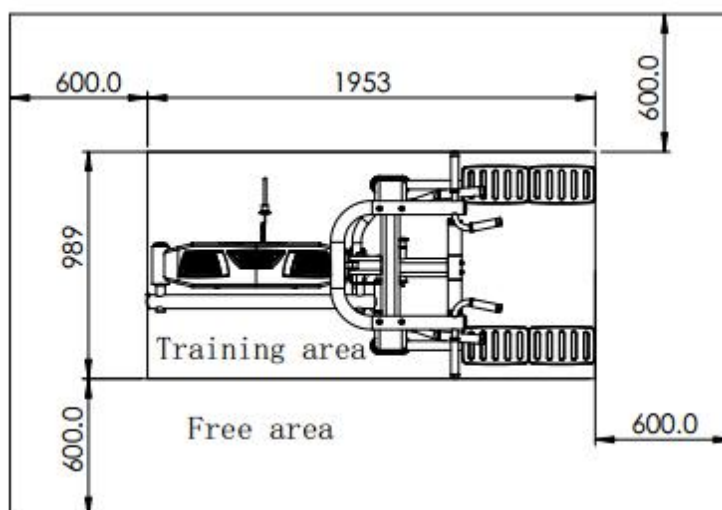
It is the responsibility of the purchaser/user of Spirit Fitness products to read and understand the owner's manual, and warning labels; as well as instruct all individuals, whether end users or supervising personnel, on proper usage of the equipment.

PROPER USAGE

- Use machine only as described in the manual. Failing to follow proper instructions may result in injury.
- Do not lean against or pull on the framework or any component, whether machine is at rest or in use. Inappropriate or improper use may result in injury to users or third parties (bystanders).
- Do not use machine if it is not located on a solid level surface or is improperly installed.
- Provide an adequate safety perimeter between the machine, walls and other equipment to ensure that the facility has the proper clearance for usage and training.

Live area and Training area

The live area shall be not less than 600mm (23.62") greater than the training area in the directions from which the equipment is accessed. The live area must also include the area for emergency dismount.



California Prop 65 Warning



WARNING: This product can expose you to chemicals including Toluene and Acrylamide, which are known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov.

PRECAUTIONS

These safety notes are directed to you as the owner of the Strength Equipment manufactured by Spirit Fitness. Please train all your users and fitness staff to follow these safety instructions.

DO

- Do encourage each of your users to discuss their health program or fitness regimen with a healthcare professional.
- Do stop operating your Strength Equipment if you feel dizzy or faint.
- Do perform regular preventative maintenance.
- Do exercise slowly until you reach a level of comfort.

DO NOT

- Do not let unsupervised children operate the Strength Equipment.
- Do not use without proper athletic shoes.
- Do not use in rainy weather outdoors, or in an enclosed pool environment.
- Do not drop or insert any object, hands, or feet into any opening or within the area of the product.
- Do not attempt to remove any shrouds or modify the Strength Equipment.

WARNING

- Your Strength Equipment manufactured by Spirit Fitness is designed for the exercise in a commercial or consumer environment.
- Please check with your physician prior to beginning any exercise program.
- Do not push yourself to excess. Stop if you are feeling faint, dizzy, or exhausted. Use common sense during workout.
- Read the owner's manual in its entirety before operating the Strength Equipment.
- Failure to obey this warning can result in injury or death.

SPIRIT FITNESS® and the Spirit Fitness logo are registered trademarks of Dyaco International.

WARNING LABELS AND COMMUNICATION STICKERS

The following pages show examples of Spirit® Fitness warning labels and communication stickers placed on the equipment as part of the manufacturing process. It is critical that owners maintain the integrity and placement of these stickers. If you find any stickers missing or damaged contact your local dealer or distributor for a replacement.

If any instructions or information are not clear, and please contact to SPIRIT FITNESS customer service right away.

NOTE: STICKERS AND LABELS ARE NOT SHOWN TO SCALE



SAFEGUARDS

The following fitness safeguards and operating precautions are directed to purchasers and users of the Strength Equipment. Club Managers should ensure that members and fitness staff are trained to follow these same instructions. Failure to follow these safeguards may result in injury or serious health risk.

Proper Usage

- DO NOT use any equipment in any way other than designed or intended by the manufacturer. It is imperative that SPIRIT FITNESS equipment is used properly to avoid injury.
- Injuries may result if exercising improperly or excessively. It is recommended that all individuals consult a physician prior to commencing an exercise program. If at any time during exercise you feel faint, dizzy or experience pain, STOP EXERCISING and consult your physician.
- Keep body parts (hands, feet, hair, etc.), clothing and jewelry away from moving parts to avoid injury.
- Follow instructions provided in this manual for correct foot position and basic techniques.
- The maximum weight for individuals using the Strength Equipment should not exceed 330 pounds (150 kilograms).

Inspection

- DO NOT use or permit use of any equipment that is damaged and/or has worn or broken parts. For all SPIRIT FITNESS equipment use only replacement parts supplied by SPIRIT FITNESS.
- Cables and belts pose an extreme liability if used when frayed. Always replace any cable or belt at first sign of wear (consult SPIRIT FITNESS if uncertain).
- EQUIPMENT MAINTENANCE - Preventative maintenance is the key to smooth operating equipment as well as to keep your liability to a minimum. Equipment needs to be inspected at regular intervals.
- Ensure that any person(s) making adjustments or performing maintenance or repair of any kind is qualified to do so.
- DO NOT ATTEMPT TO USE OR REPAIR ANY ACCESSORY APPROVED FOR USE WITH THE SPIRIT FITNESS EQUIPMENT WHICH APPEARS TO BE DAMAGED OR WORN.
- Check all belts, pulleys and bungee cords regularly for signs of wear, and replace if needed.
- Check regularly and follow all instructions for maintenance as specified in this manual.
- Replace immediately any defective parts and do not operate unit until all repairs are complete.

Operating Warnings

- Keep children away from the equipment. Parents or others supervising children must provide close supervision of children if the equipment is used in the presence of children.
- Do not allow users to wear loose fitting clothing or jewelry while using equipment. It is also recommended to have users' secure long hair back and up to avoid contact with moving parts.
- All bystanders must stay clear of all users, moving parts and attached accessories and components while machine is in operation.

Note: This Strength Equipment is not suitable for therapeutic purposes.

ASSEMBLY & SETUP

Use the following procedures to unpack and assemble your **Strength Equipment manufactured by Spirit Fitness**.

UNPACKING & PARTS

1. Position the shipping carton so the Heavy End is located at the bottom.
2. Cut the straps then lift the box over the unit and unpack. Remove all parts from the shipping carton and foam inserts, and verify that all parts are included in your shipment:
3. Locate the hardware package. The hardware is separated into four steps. Remove the tools first. Remove the hardware for each step as needed to avoid confusion. The numbers in the instructions that are in parenthesis (#) are the item number from the assembly drawing for reference.

NOTE: All tools required to assemble the Strength Equipment are included within the packaging.

Take time now to enter your Strength Equipment serial number in the space below.
(Serial number is located on the center tube, see page 7).

Serial No. _____

NOTE: If you are missing any of the parts listed above, inspect the packing material and the box for items that may have been overlooked.

If parts are missing, or if you have any operational questions, please call your local Spirit Fitness's Service department or the distributor whom sold you the product. Please see page 4 for a listing of international corporate offices and locate the office nearest you. Have your serial number ready.

CAUTION: Damage to the Strength Equipment during assembly is not covered as part of the limited Spirit Fitness warranty. Take care not to drop or lean the Strength Equipment on its side. Carefully stand the Strength Equipment up in the normal upright position on a stable surface so it will not tip over during assembly.

Protect the environment by not disposing of this product with household waste. Check your local authority or approved waste center for recycling advice and facilities.

PRODUCT SPECIFICATIONS

Maximum Training Weight	109KG/240LBS
Products Weight	276KG/608LBS
Overall Dimensions	1953*989*1622MM

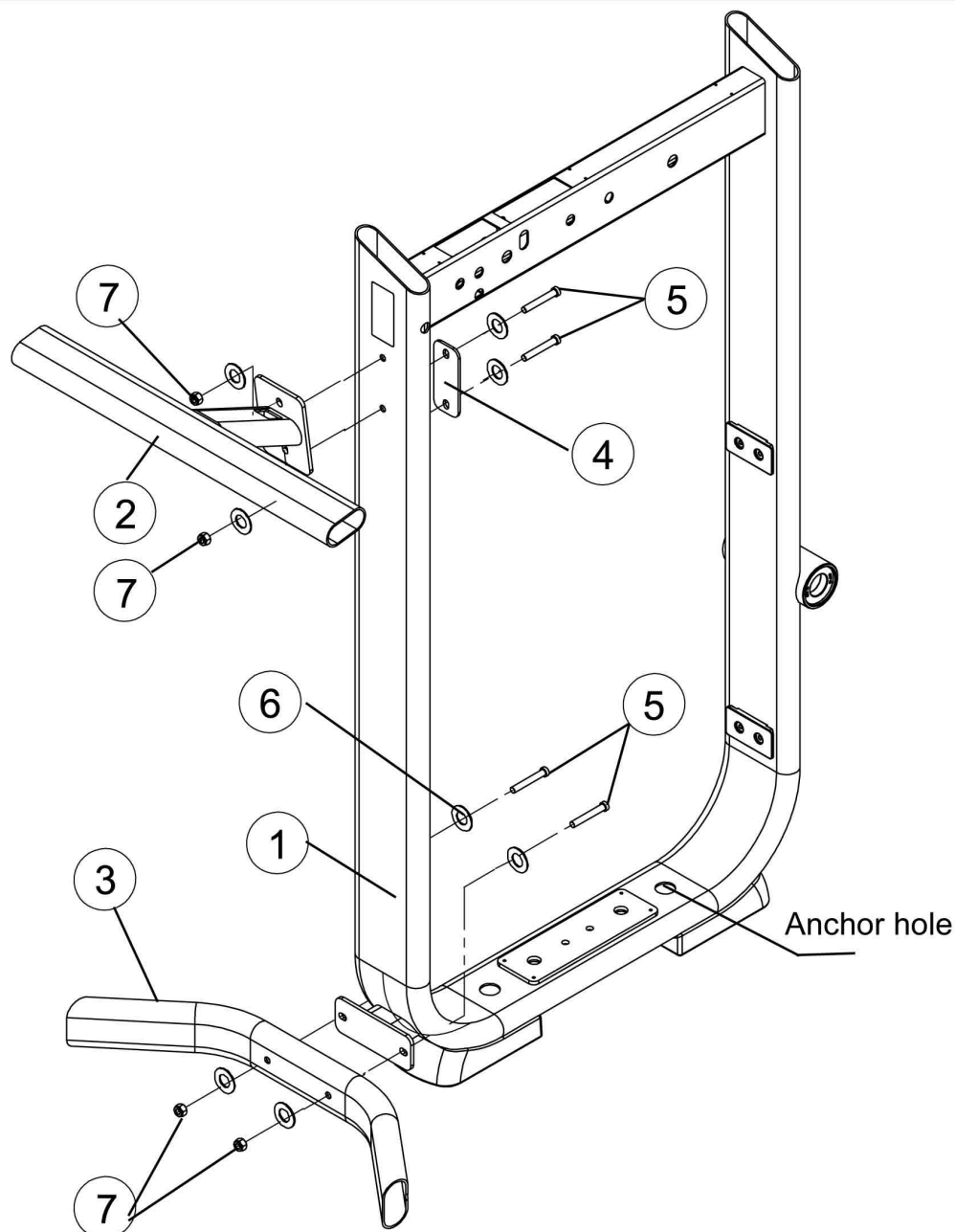
PARTS LIST

ITEM	DESCRIPTION	SPECIFICATION	QTY	PART NO.
001	FRAME		1	SP-3517-001
002	UPPER SPORT		1	SP-3517-002
003	LOWER SUPPORT		1	SP-3517-003
004	PLATE		1	SP-3517-004
005	BOLT, SOCKET HEAD	Φ3/8"-16UNCX2 1/2"L 64MM	8	SP-3517-005
006	FLAT WASHER	Φ20x10.5x1.0t	24	SP-3517-006
007	NYLON NUT	Φ3/8"-16UNCX11t	12	SP-3517-007
008	LEFT SIDE FRAME		1	SP-3517-008
009	RIGHT SIDE FRAME		1	SP-3517-009
010	BOLT, SOCKET HEAD	Φ3/8"-16UNCX1 "L 25MM	6	SP-3517-010
011	BOLT, SOCKET HEAD	Φ3/8"-16UNCX4 "L 102MM	4	SP-3517-011
012	CURVED WASHER	Φ22XΦ10X1.5t	12	SP-3517-012
013	BOLT, SOCKET HEAD	Φ3/8"-16UNCX3 1/2"L 89MM	4	SP-3517-013
014	CHIN-UP FRAME		1	SP-3517-014
015	LEFT FOOT PEDAL		1	SP-3517-015
016	RIGHT FOOT PEDAL		1	SP-3517-016
017	TOWER BASE COVER		1	SP-3517-017
018	BOLT, FLAT HEAD SOCKET	#10-32UNx1/2"L	4	SP-3517-018
019	GUIDE ROD		2	SP-3517-019
020	BUSHING, GUIDE ROD RETAINER	Φ46xΦ19.5x45h	2	SP-3517-020
021	7.5LB WEIGHT STACK		1	SP-3517-021
022	CUSHION, WEIGHT STACK	Φ63.5xΦ20x25.4h	2	SP-3517-022
023	GUIDE ROD SHAFT COLLAR	Φ33.4xΦ19.2x15h	2	SP-3517-023
024	15 LB TOP PLATE	WITH SELECTOR ROD	1	SP-3517-024
025	15 LB WEIGHT PLATE		15	SP-3517-025
026	BOLT, SOCKET HEAD	Φ3/8"-16UNCX1 1/2 "L 38MM	2	SP-3517-026
027	REAR SHROUD		1	SP-3517-027
028	STAND OFF MOUNT	Φ30.5xΦ10.5x43.5h	4	SP-3517-028
029	LEFT ARM		1	SP-3517-029
030	FOOT SUPPORT		1	SP-3517-030
031	SPACER	Φ45XΦ32X8L	2	SP-3517-031
032	ALUMINUM END CAP	Φ60	2	SP-3517-032
033	BOLT, SOCKET HEAD	Φ3/8"-16UNCX1 3/4"L 45MM	2	SP-3517-033
034	PLATE BELT WRAP	SPHt10.9x26.5Wx65L	1	SP-3517-034
035	PLATE, BELT CLAMP	SPHt6.0x25Wx65L	1	SP-3517-035
036	WEIGHT STACK PLUG	Φ16x122.5L	1	SP-3517-036
037	E-PLUG		1	SP-3517-037
038	BELT		1	SP-3517-038
039	UPPER COVER		1	SP-3517-039
040	TRAY, TOWER CAP - LARGE	176.9Lx105.5W	2	SP-3517-040
041	TRAY, TOWER CAP - SMALL	205Lx66W	1	SP-3517-041

ITEM	DESCRIPTION	SPECIFICATION	QTY	PART NO.
042	UPPER COVER, FRONT		1	SP-3517-042
043	M6 SOCKET HEAD BOLT	M6x1.0Px20L	2	SP-3517-043
044	INSTRUCTION STICKER		1	SP-3517-044
045	SHROUD, TOWER FRONT - LH		1	SP-3517-045
046	SHROUD, TOWER FRONT - RH		1	SP-3517-046
047	LABEL, WEIGHT STACK 15LBS		1	SP-3517-047

STEP 1

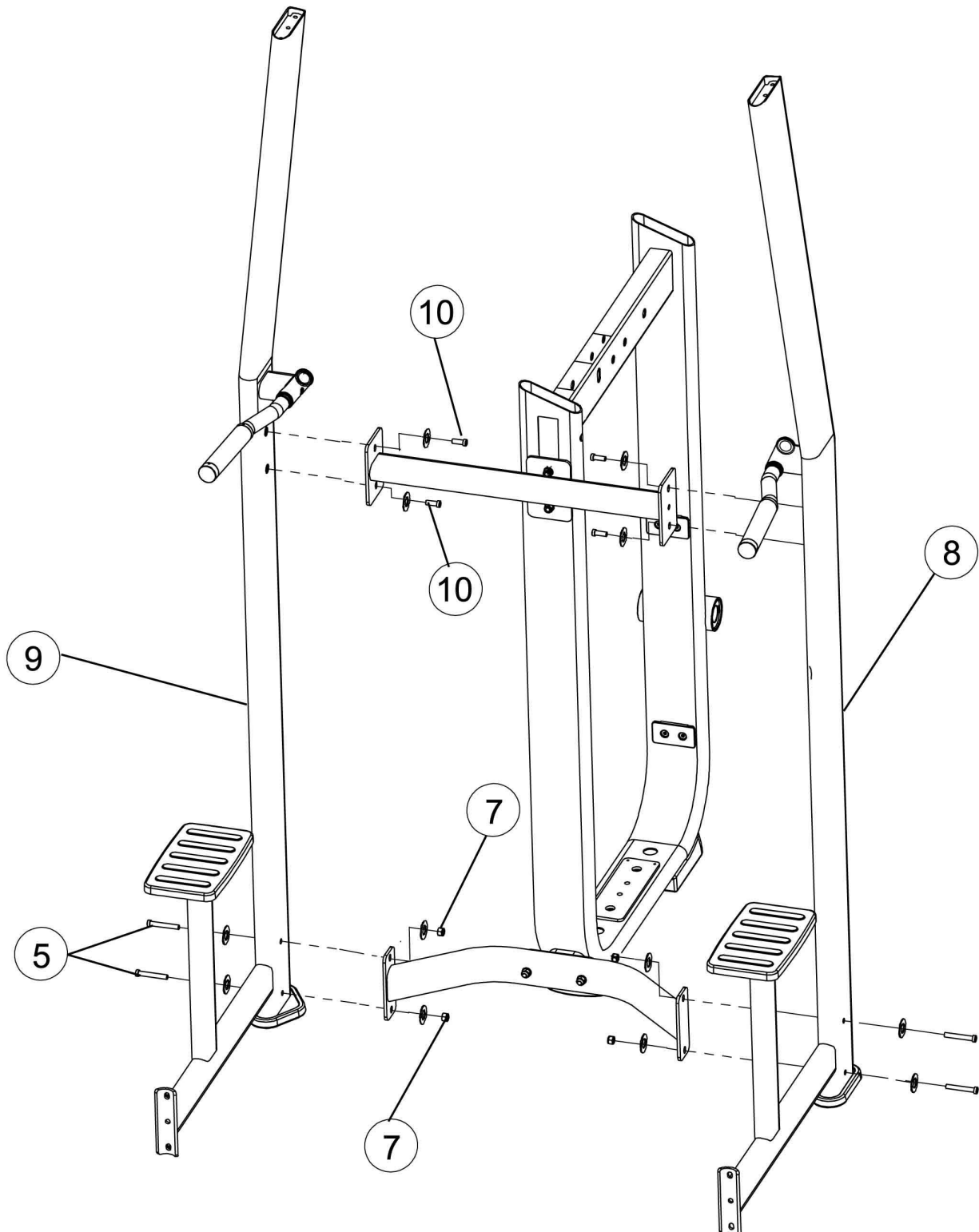
ITEM	DESCRIPTION	SPECIFICATION	QTY
1	FRAME		1
2	UPPER SPORT		1
3	LOWER SUPPORT		1
4	PLATE		1
5	BOLT, SOCKET HEAD	Φ3/8"-16UNCX2 1/2"L 64MM	4
6	FLAT WASHER	Φ20x10.5x1.0t	8
7	NYLON NUT	Φ3/8"-16UNCX11t	4



- Securely tighten all bolt connections.
- Stabilize the machine firmly on the floor with the anchor hole.
- Note: The accurate assembling details please consult the professional agent.
- Note: No.6 flat washer images were magnified 2 times, it will not be marked again after here.

STEP 2

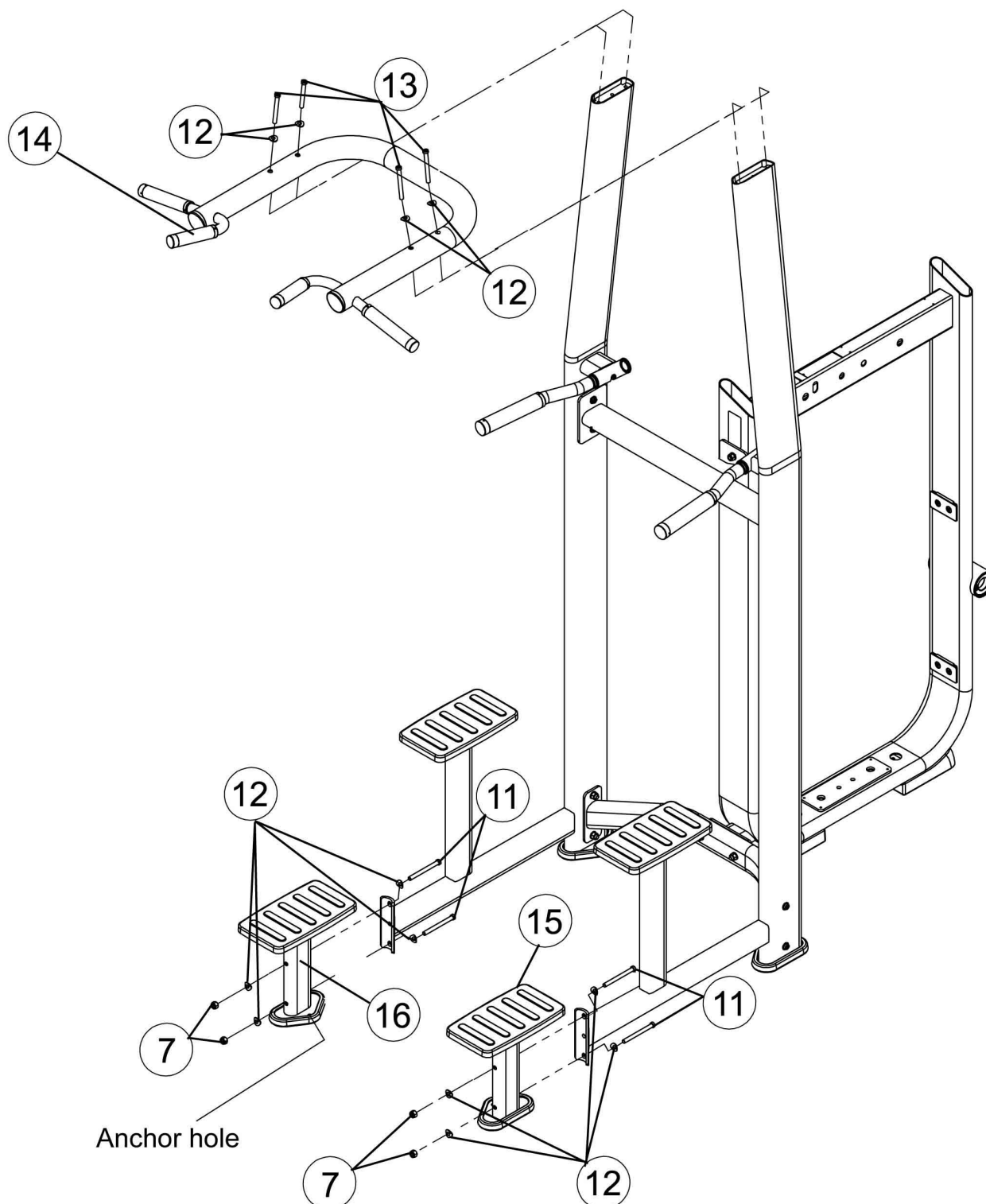
ITEM	DESCRIPTION	SPECIFICATION	QTY
5	BOLT, SOCKET HEAD	$\Phi 3/8"$ -16UNCX2 1/2"L 64MM	4
6	FLAT WASHER	$\Phi 20 \times 10.5 \times 1.0t$	12
7	NYLON NUT	$\Phi 3/8"$ -16UNCX11t	4
8	LEFT SIDE FRAME		1
9	RIGHT SIDE FRAME		1
10	BOLT, SOCKET HEAD	$\Phi 3/8"$ -16UNCX1 "L 25MM	4



- Securely tighten all bolt connections.

STEP 3

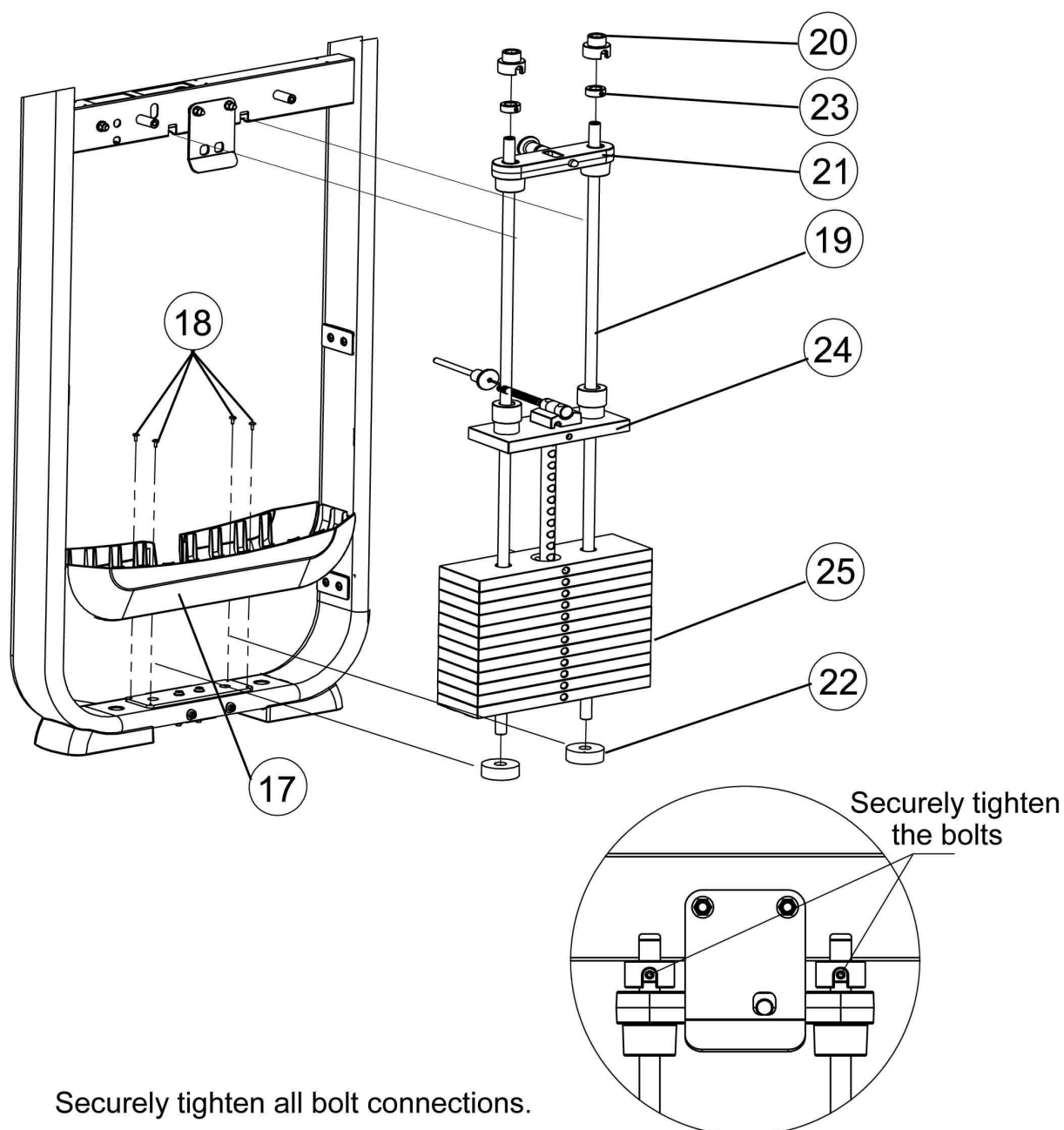
ITEM	DESCRIPTION	SPECIFICATION	QTY
7	NYLON NUT	Φ3/8"-16UNCX11t	4
11	BOLT, SOCKET HEAD	Φ3/8"-16UNCX4 "L 102MM	4
12	CURVED WASHER	Φ22XΦ10X1.5t	12
13	BOLT, SOCKET HEAD	Φ3/8"-16UNCX3 1/2"L 89MM	4
14	CHIN-UP FRAME		1
15	LEFT FOOT PEDAL		1
16	RIGHT FOOT PEDAL		1



- Securely tighten all bolt connections.

STEP 4

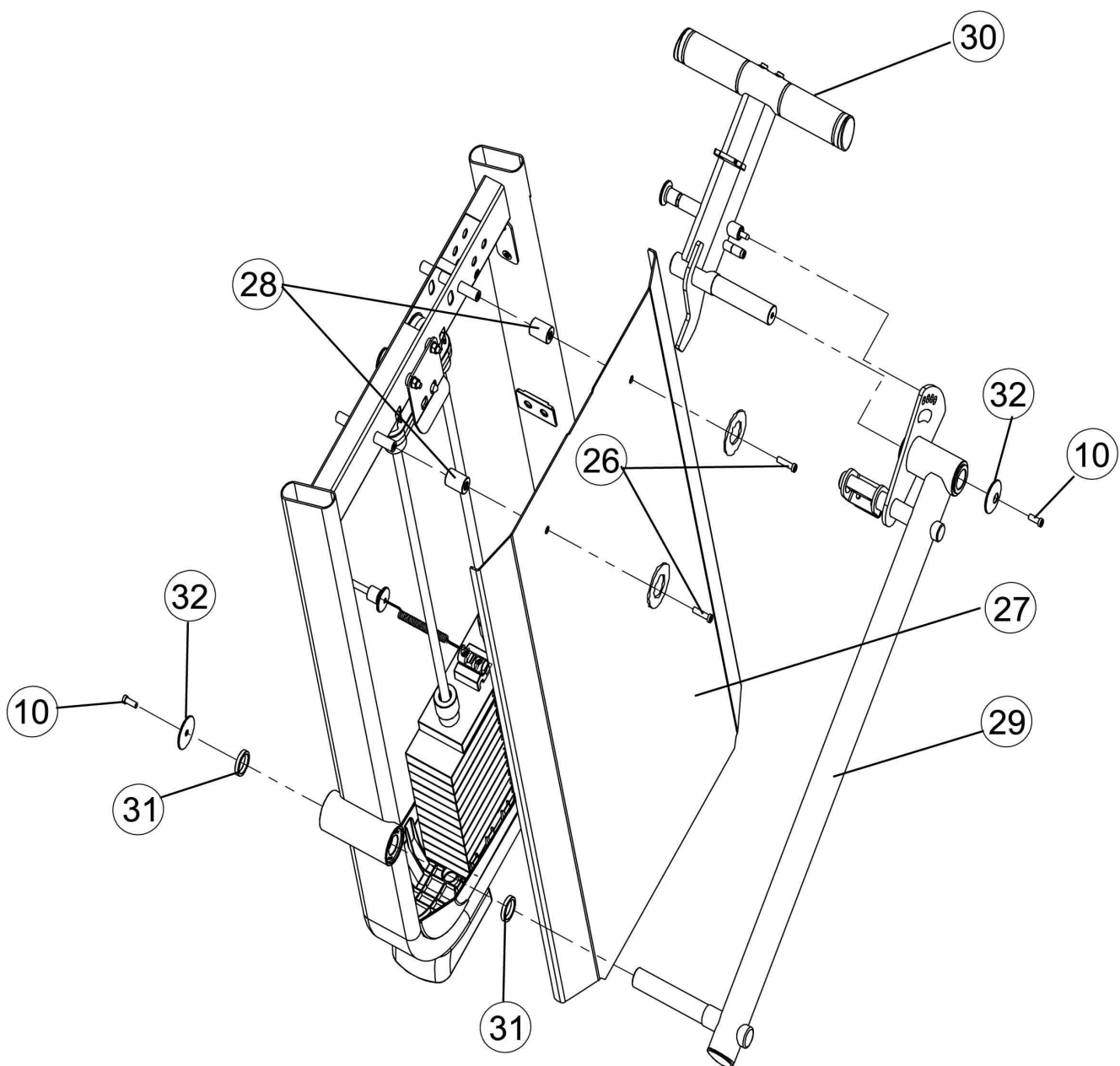
ITEM	DESCRIPTION	SPECIFICATION	QTY
17	TOWER BASE COVER		1
18	BOLT, FLAT HEAD SOCKET	#10-32UNx1/2"L	4
19	GUIDE ROD		2
20	BUSHING, GUIDE ROD RETAINER	$\Phi 46 \times \Phi 19.5 \times 45h$	2
21	7.5LB WEIGHT STACK		1
22	CUSHION, WEIGHT STACK	$\Phi 63.5 \times \Phi 20 \times 25.4h$	2
23	GUIDE ROD SHAFT COLLAR	$\Phi 33.4 \times \Phi 19.2 \times 15h$	2
24	15 LB TOP PLATE	WITH SELECTOR ROD	1
25	15 LB WEIGHT PLATE		15



- Securely tighten all bolt connections.
- Some parts have been hidden for clarity.

STEP 5

ITEM	DESCRIPTION	SPECIFICATION	QTY
6	FLAT WASHER	$\Phi 20 \times 10.5 \times 1.0t$	2
10	BOLT, SOCKET HEAD	$\Phi 3/8"$ -16UNCX1 "L 25MM	2
26	BOLT, SOCKET HEAD	$\Phi 3/8"$ -16UNCX1 1/2 "L 38MM	2
27	REAR SHROUD		1
28	STAND OFF MOUNT	$\Phi 30.5 \times \Phi 10.5 \times 43.5h$	2
29	LEFT ARM		1
30	FOOT SUPPORT		1
31	SPACER	$\Phi 45 \times \Phi 32 \times 8L$	2
32	ALUMINUM END CAP	$\Phi 60$	2



- Securely tighten all bolt connections.
- Some parts have been hidden for clarity.

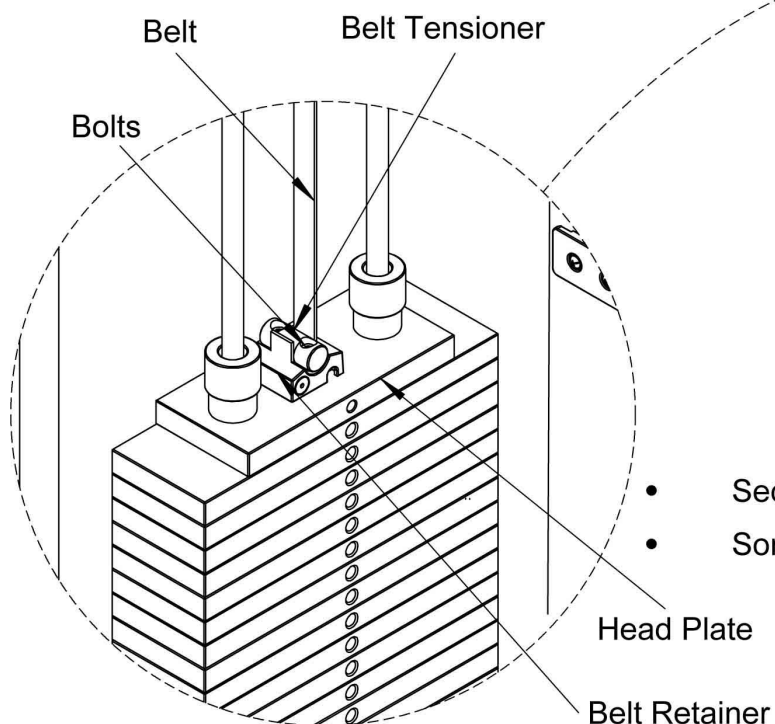
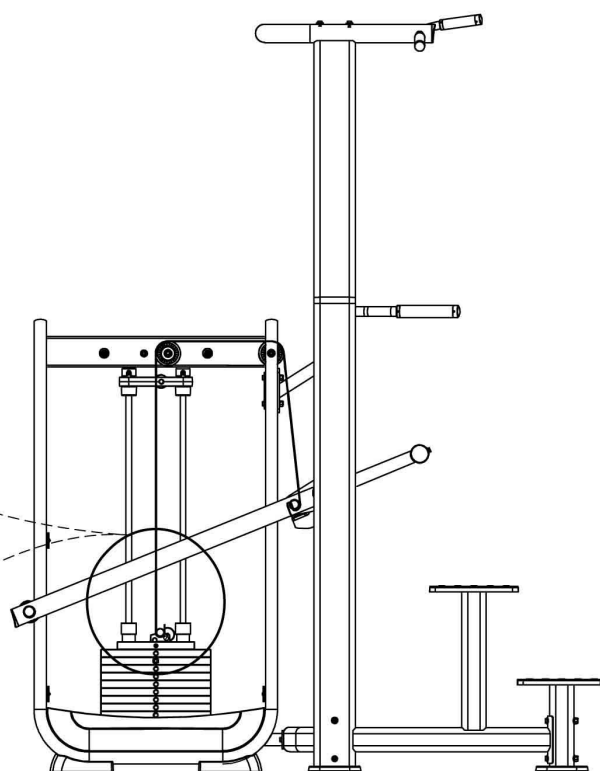
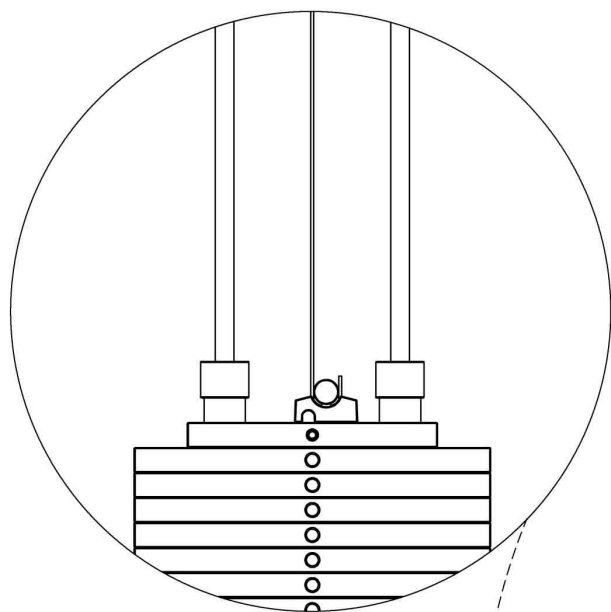
STEP 6

Assemble the Belt to the head plate according to steps below

BELT ROUTING

Follow these steps to assemble the Belt to the Head Plate:

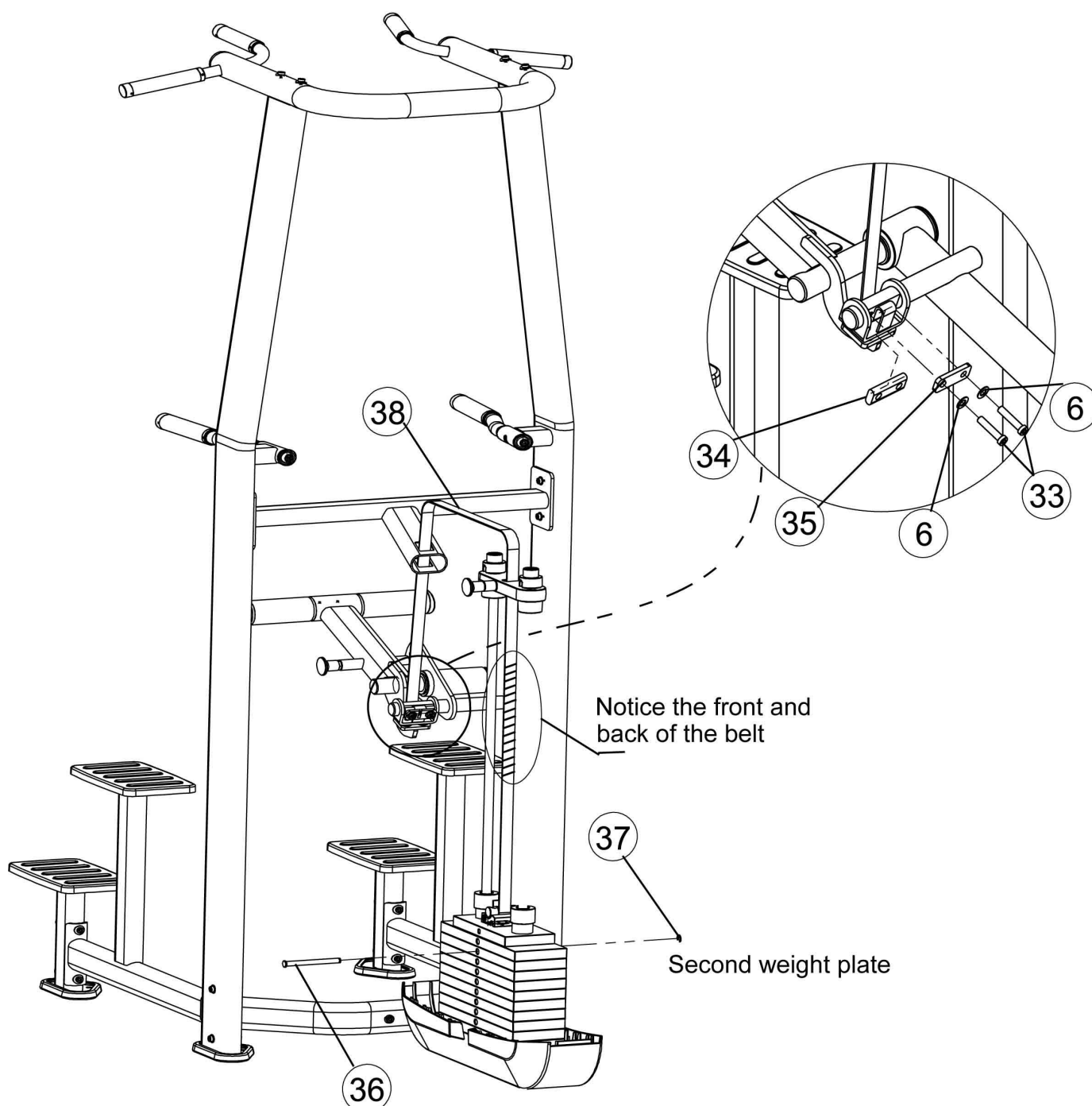
- A) Loosen the Bolts that hold the Belt Tensioner to the Belt Retainer
- B) Slide the Belt underneath the Belt Tensioner between the Bolts leaving approximately 1" of Belt exposed on the other side.
- C) Securely tighten the Bolts and Belt Tensioner to the Belt Retainer.



- Securely tighten all bolt connections.
- Some parts have been hidden for clarity.

STEP 7

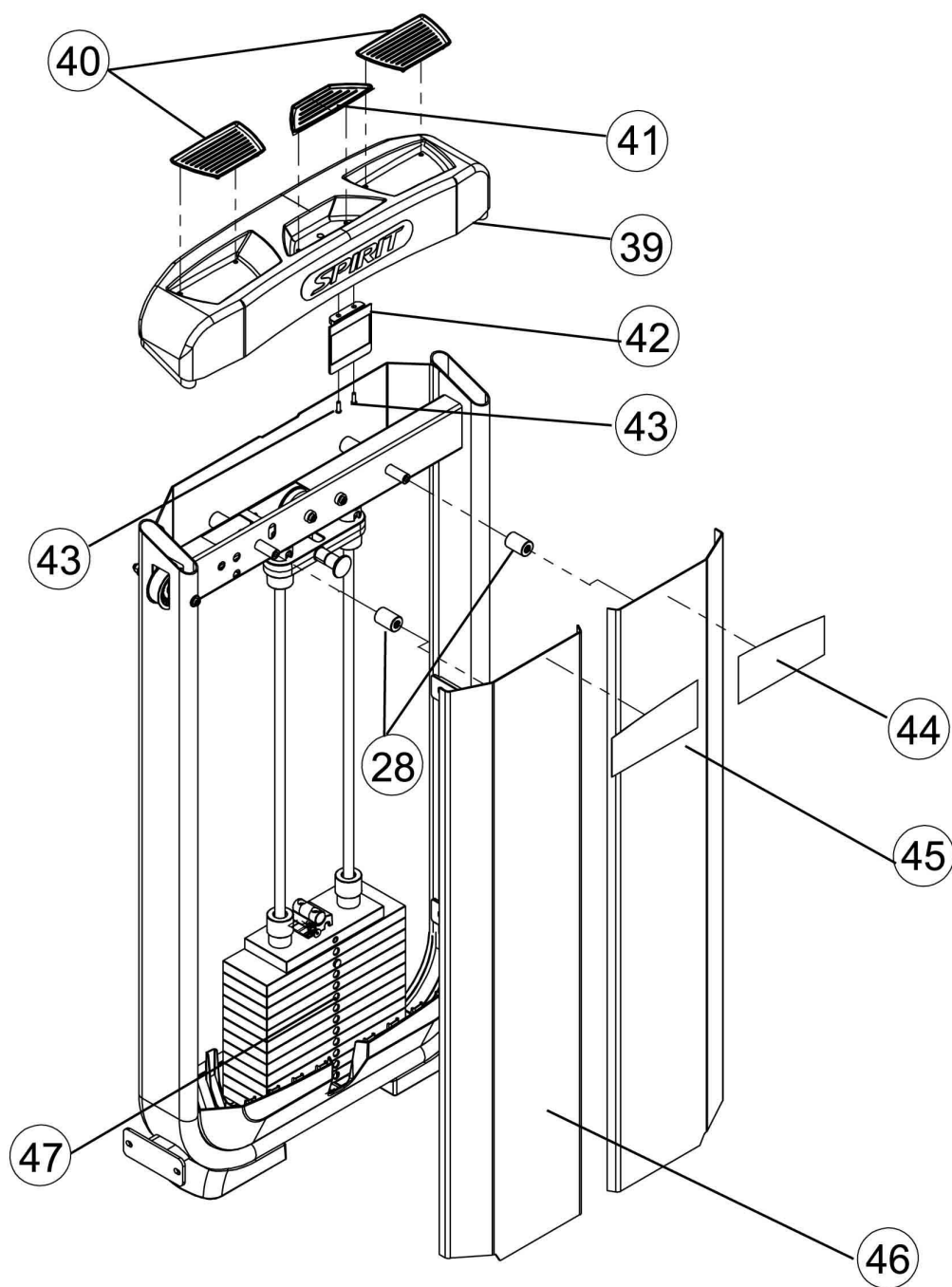
ITEM	DESCRIPTION	SPECIFICATION	QTY
6	FLAT WASHER	Φ20x10.5x1.0t	2
33	BOLT, SOCKET HEAD	Φ3/8"-16UNCX1 3/4"L 45MM	2
34	PLATE BELT WRAP	SPHt10.9x26.5Wx65L	1
35	PLATE, BELT CLAMP	SPHt6.0x25Wx65L	1
36	WEIGHT STACK PLUG	Φ16x122.5L	1
37	E-PLUG		1
38	BELT		1



- Securely tighten all bolt connections.
- Some parts have been hidden for clarity.

STEP 8

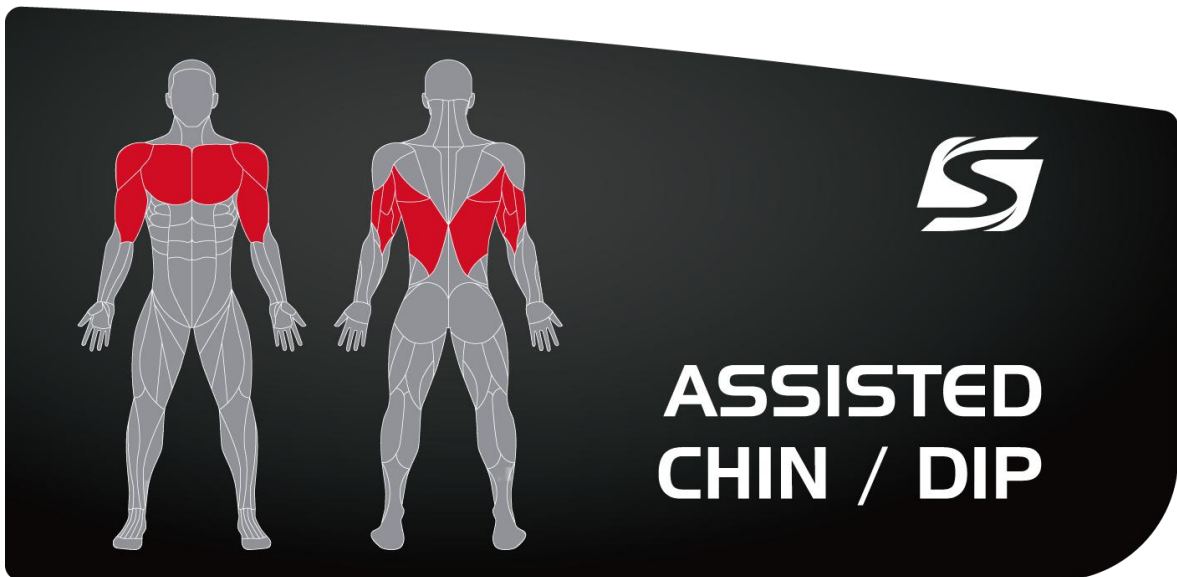
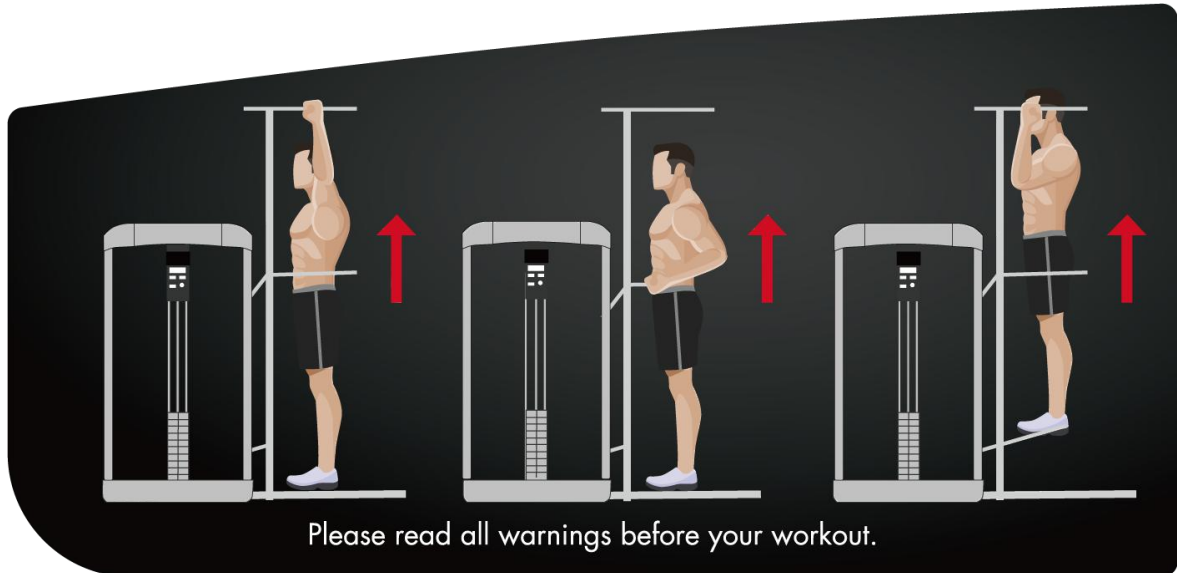
ITEM	DESCRIPTION	SPECIFICATION	QTY
28	STAND OFF MOUNT	$\Phi 30.5 \times \Phi 10.5 \times 43.5h$	2
39	UPPER COVER		1
40	TRAY, TOWER CAP - LARGE	176.9Lx105.5W	2
41	TRAY, TOWER CAP - SMALL	205Lx66W	1
42	UPPER COVER, FRONT		1
43	M6 SOCKET HEAD BOLT	M6x1.0Px20L	2
44	INSTRUCTION STICKER		1
45	SHROUD, TOWER FRONT - LH		1
46	SHROUD, TOWER FRONT - RH		1
47	LABEL, WEIGHT STACK 15LBS		1



- Securely tighten all bolt connections.
- Some parts have been hidden for clarity.

START WORKOUT

Warning: Improper use and form on the product might cause injury



MAINTENANCE

A regular preventative maintenance schedule with all fitness equipment ensures that products are working at an optimal condition without affecting the end user exercise experience. To assist in the maintenance regiment, it is recommended to break service into: Daily, Weekly, & Monthly activities. Details on each activity can be found in the "Maintenance" section of this document.

All preventive maintenance activities must be performed on a regular basis. Performing routine preventive maintenance actions can aid in providing safe, trouble-free operation of all SPIRIT equipment. SPIRIT is not responsible for performing regular inspection and maintenance actions for your machines. Instruct all personnel in equipment inspection and maintenance actions and also in accident reporting and recording.

Item	Time Frame	Instructions
Belt & Cable	Daily	Make sure terminals of cables are fixed securely.
Upholstery	Daily	Make sure Upholstery clean and without broken..
Bolts & Screw	Daily	Make sure joints of frames are fixed securely
Weight Stacks	Every two weeks	To spread grease or silicon on posts of weight stacks every 2 weeks if it moves not smoothly.
Movement part	Every two weeks	To spread grease or silicon on contact surface of all moving parts every 2 weeks if they move not smoothly (To much grease or silicon may cause splashes and dirt).
Frame	Every month	To make sure security of all joints.
Machine	As Needed	Regularly checking the condition of fasteners, cables and belt are needed.

Owner's Manual
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SPIRIT