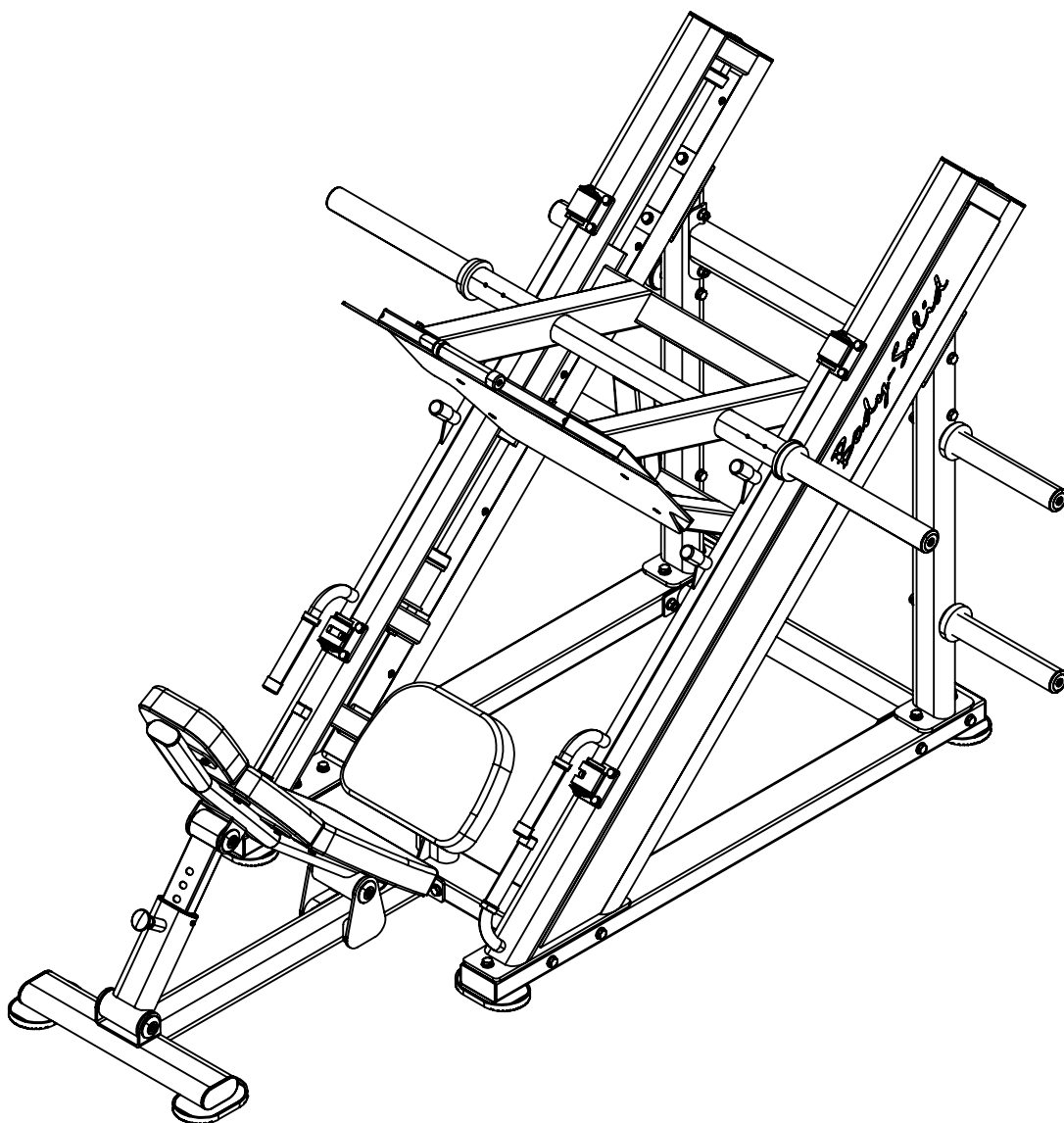


Body-Solid®
Built for Life



SGLP500

Assembly & Instructions
OWNER'S MANUAL

V. SGLP500-20240116

Warning, Safety & Maintenance

Be sure that all users carefully read and understand all warning, safety and maintenance labels on the machine before each use. Failure to do so may result in death or serious injury.

It is imperative that you retain this Owner's Manual and be sure all warning labels are legible and intact. Replacement Owner's Manuals and warning labels are available from your local Body-Solid dealer.

If you have any questions about the operation, set up or maintenance of this machine please call our customer service department at 1 (800) 556-3113.

THERE IS A RISK ASSUMED BY INDIVIDUALS WHO USE THIS TYPE OF EQUIPMENT. TO MINIMIZE RISK, YOU MUST FOLLOW THESE RULES:

1. Inspect equipment before each workout. Check that all nuts, bolts, screws and pop pins are in place and fully tightened. Also, before use, check cables for signs of wear. Replace all worn parts immediately. Never use machine if any parts are damaged or missing.
2. Keep clear of the cables and all moving parts when the machine is in use.
3. Always make sure all Snap Links are closed when doing any cable/pulley/strap exercises.
4. Exercise with care. Perform your exercises at a smooth moderate pace; never perform jerky or uncoordinated movements that may cause injury.
5. It is recommended that you should workout with a training partner.
6. Do not allow children or minors to play on or around this equipment.
7. If unsure of proper use of equipment, call your local Body-Solid distributor or the Body-Solid customer service department at 1-800-556-3113.
8. WARNING: Consult your physician before starting your exercise program. For your own safety, do not begin any exercise program without proper instruction. RAL8-6-03 WC-54

WARNING

Safety and Maintenance of Cables

IMPORTANT: Cables are wear items. It is your responsibility to prevent unexpected breakage. **Cable inspection should be performed daily.** Inspect all cables, the nylon coating on all cables, and the area near the fitting at each end of each cable. **Replace any damaged or worn cable immediately.** Do not allow the machine to be used until damaged or worn cables are replaced. Using or allowing a machine to be used with a suspect cable can result in serious injury. See Owner's Manual for more information.

For Body-Solid Customer Service
Call 1-800-556-3113

MAINTENANCE SCHEDULE

Check the function and integrity of the following components. As noted, inspect equipment before each workout. Replace all damaged, broken or worn components immediately.

	DAILY	WEEKLY
Cables: Check tension, end fittings, and coating	✓	
Check that locking nut at weight stack is tight		✓
Upholstery: Wipe down and dry	✓	
Clean and condition		✓
Frame: Wipe down and dry	✓	
Polish / Wax		✓
Chrome: Wipe down and dry	✓	
Polish / Lubricate		✓
Nuts / Bolts / Fasteners: Tighten and / or adjust as needed		✓
Guide Rods: Lubricate and clean		✓
Linear Rods: Lubricate and clean		✓
Seat Sleeves: Lubricate and clean		✓
Adjustments / Locking Pins / Tightening Knobs		✓
Weight Stack Pins		✓
Warning Instruction Labels		✓
Springs / Pop Pins	✓	
Anti Skid Surfaces		✓
Hand Grips / Rollers		✓

For Body-Solid Customer Service
Call 1-800-556-3113
#MSSTR0803

Table of Contents

- SAFETY INSTRUCTIONS..... PAGE 4
- PREPARATION..... PAGE 5
- PART / HARDWARE LIST..... PAGE 6
- HARDWARE ILLUSTRATION..... PAGE 9
- ASSEMBLY INSTRUCTIONS..... PAGE 14
- EXPLODED VIEW..... PAGE 25
- CONTACT PAGE..... PAGE 26

Important Safety Instructions

Before beginning any fitness program, you should obtain a complete physical examination from your physician.

*Il est conseillé de subir un examen médical complet avant d'entreprendre tout programme d'exercice.
Si vous avez des étourdissements ou des faiblesses, arrêtez les exercices immédiatement.*

Antes de comenzar cualquier programa de ejercicios, deberías tener un examen físico con su doctor.

When using exercise equipment, you should always take basic precautions, including the following:

- Read all instructions before using the **SGLP500**. These instructions are written to ensure your safety and to protect the unit.
- **Do not remove any safety labels from the machine.**
- Do not allow children on or near the equipment.
- Use the equipment only for its intended purpose as described in this guide. Do not use accessory attachments that are not recommended by the manufacturer. Such attachments might cause injuries.
- Wear proper exercise clothing and shoes for your workout, no loose clothing.
- Keep hands, limbs, loose clothing, and long hair well out of the way of all moving parts.
- Use care when getting on or off the unit.
- Do not overexert yourself or work to exhaustion.
- If you feel any pain or abnormal symptoms, stop your workout immediately and consult your physician.
- Never operate unit when it has been dropped or damaged. Return the equipment to a service center for examination and repair.
- Never drop or insert objects into any opening in the equipment.
- Always check the unit and its cables before each use. Make sure that all fasteners and cables are secure and in good working condition.
- Do not use the equipment outdoors or near water.

Personal Safety During Assembly

- Before beginning assembly, please take the time to read the instructions thoroughly.
- Read each step in the assembly instructions and follow the steps in sequence. Do not skip ahead. If you skip ahead, you may learn later that you have to disassemble components and that you may have damaged the equipment.
- Assemble and operate the **SGLP500** on a solid, level surface. Locate the unit a few feet from the walls or furniture to provide easy access.

The **SGLP500** is designed for your enjoyment. By following these precautions and using common sense, you will have many safe and pleasurable hours of healthful exercise with your Body-Solid **LEG PRESS MACHINE**.

After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call the dealer from whom you purchased the machine or call **1-800-556-3113** for the dealer nearest you.

Obtaining Service

Please use this Owner's Manual to make sure that all parts have been included in your shipment. When ordering parts, you must use the part number and description from this Owner's Manual. Use only Body-Solid replacement parts when servicing this machine. Failure to do so will void your warranty and could result in personal injury.

For information about product operation or service, check out the official Body-Solid website at www.bodysolid.com or contact an authorized Body-Solid dealer or a Body-Solid factory-authorized service company or contact Body-Solid customer service at one of the following:

Toll Free: 1-800-556-3113
Phone: 1-708-427-3555
Fax: 1-708-427-3556
Hours: M-F 8:30-5:00 CST
E-Mail: service@bodysolid.com

Or write to: Body-Solid, Inc.
Service Department
1900 S. Des Plaines Ave.
Forest Park, IL 60130 USA

Retain this Owner's Manual for future reference. If you need to order replacement parts please be prepared to provide the following information when contacting us so that we can assist you better.

- 1. Model Number**
- 2. Place of Purchase**
- 3. Serial Number (S/N)**
- 4. Part # and Description**

Preparation

Thank you for purchasing the **SGLP500**. This Product is part of the Body-Solid line of quality strength training machines, which lets you target specific muscle groups to achieve better muscle tone and overall body conditioning. To maximize your use of the equipment please study this Owner's Manual thoroughly.

Required Tools

The basic tools that you must obtain before assembling the **SGLP500** include but are not limited to:

- Standard Wrench Set
- Metric Wrench Set
- Adjustable Wrench

Installation Requirements

Follow these installation requirements when assembling the **SGLP500**:

Set up the **SGLP500** on a solid, flat surface. A smooth, flat surface under the machine helps keep it level. A level machine has fewer malfunctions.

Provide ample space around the machine. Open space around the machine allows for easier access.

Insert all bolts in the same direction. For aesthetic purposes, insert all bolts in the same direction unless specified (in text or illustrations) to do otherwise.

Leave room for adjustments. Tighten fasteners such as bolts, nuts, and screws so the unit is stable, but leave room for adjustments. Do not fully tighten fasteners until instructed in the assembly steps to do so.

Fill out and mail the warranty card.

Assembly Tips

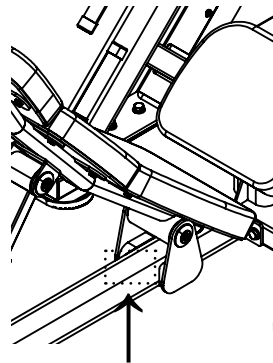
Read all "Notes" on each page before beginning each step.

While you may be able to assemble the **SGLP500** using the illustrations only, important safety notes and other tips are included in the text.

Some pieces may have extra holes that you will not use. Use only those holes indicated in the instructions and illustrations.

NOTE: With so many assembled parts, proper alignment and adjustment is critical. While tightening the nuts and bolts, be sure to leave room for adjustments.

CAUTION: Obtain assistance! If you feel like you can't assemble the **SGLP500** by yourself then do not attempt to do so as this could result in injury. Review the installation requirements before proceeding with the following steps.



Your S/N# can
be found here

Body-Solid continually seeks ways to improve the performance, specifications and product manuals in order to ensure that only superior products are released from our factories. Please take the time to carefully read through this manual thoroughly. Instructions contained in this document are not intended to cover all details or variations possible with Body-Solid equipment, or to cover every contingency that may be met in conjunction with installation, operation, maintenance or troubleshooting of the equipment. Even though we have prepared this manual with extreme care, neither the publisher nor the author can accept responsibility for any errors in, or omission from, the information given. Should additional information be required, or should situations arise that are not covered by this manual, the matter should be directed to your local Body-Solid representative, or the Service Department at Body-Solid Inc. in Forest Park, Illinois.

S G L P 5 0 0 P a r t s & H a r d w a r e L i s t

Part#	Qty	Description
A	1	FRONT BASE FRAME
B	1	SEAT FRAME
C	2	SIDE BASE FRAME
D	1	RIGHT SIDE FRAME
E	1	LEFT SIDE FRAME
F	1	LEFT UPRIGHT
G	1	RIGHT UPRIGHT
H	1	BASE CROSSMEMBER
J	1	UPPER CROSSMEMBER
K	2	SAFETY BAR
L	2	LOWER PIVOT BRACKET
M	2	UPPER PIVOT BRACKET
N	2	SAFETY SPACER
P	2	GUIDE ROD
Q	1	CARRIAGE
R	1	FOOTPLATE
S	1	WEIGHT HORN
T	1	LEFT SHROUD
U	1	RIGHT SHROUD
V	4	WEIGHT PLATE STORAGE HORN
W	1	BACK REST ANGLE ADJUSTMENT FRAME
X	1	CHROME BACK REST FRAME
Y	1	BACK REST FRAME
1	14	M12x120mm HEX HEAD BOLT
2	4	M12x70mm HEX HEAD BOLT
3	12	M12x30mm HEX HEAD BOLT
4	4	M12x25mm HEX HEAD BOLT
6	16	M10x25mm HEX HEAD BOLT
7	1	M10x25mm BUTTON HEAD CAP SCREW
8	6	M8x45mm FLAT HEAD CAP SCREW
9	14	M8x30mm HEX HEAD BOLT
10	6	M8x20mm LOW SOCKET HEAD CAP SCREW
11	12	M8x16mm BUTTON HEAD CAP SCREW

S G L P 5 0 0 P a r t s & H a r d w a r e L i s t

Part#	Qty	Description
12	2	M8x16mm SOCKET HEAD CAP SCREW
13	5	M6x16mm SOCKET HEAD CAP SCREW
14	4	M8x6mm SET SCREW
15	22	M6x10mm BUTTON HEAD CAP SCREW
16	5	M6x4mm SET SCREW
17	52	M12 FLAT WASHER
18	16	M12 LOCK WASHER
19	16	M10 FLAT WASHER
20	20	M8 FLAT WASHER
21	18	M12 NYLON LOCK NUT
22	6	M8 NYLON LOCK NUT
23	10	METAL END CAP
24	1	SHAFT, ø25x124mm
25	6	BEARING, 6005ZZ
26	1	POP PIN
27	1	OVAL PLASTIC BUSHING, 50x100mm
28	1	SHAFT, ø25x94mm
29	6	FOOT PAD
30	1	SHAFT, ø25x134mm
31	2	OVAL PLASTIC END CAP, 40x80mm
32	4	OVAL PLASTIC END CAP, 50x100mm
33	5	HANDLE END CAP, ø34x23mm
34	5	METAL RING, ø34.5x14mm
35	5	HAND GRIP, ø30x150mm
36	4	PROTECTIVE SLEEVE, ø31xø25x45mm
37	4	PLASTIC END CAP, 50x100mm
38	6	RUBBER DONUT, ø78xø50x15mm
39	6	WEIGHT HORN METAL END CAP
40	8	METAL BUSHING, ø32xø25.2x18mm
41	20	M6 FLAT WASHER
42	4	RUBBER BUMPER
43	4	LINEAR BEARING, LB304768
44	4	RETAINER RING
45	1	SEAT PAD

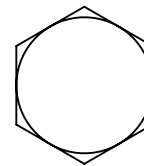
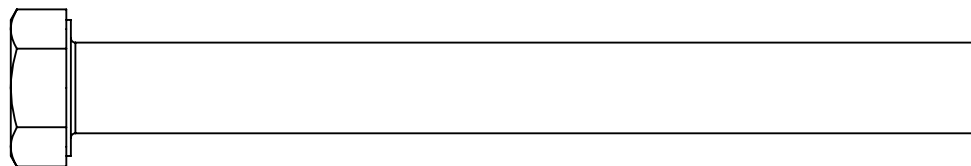
S G L P 5 0 0 P a r t s & H a r d w a r e L i s t

Part#	Qty	Description
46	1	UPPER BACK PAD
47	1	MIDDLE BACK PAD
48	1	LOWER BACK PAD
49	16	M10 LOCK WASHER

SGLP500 Hardware Illustration

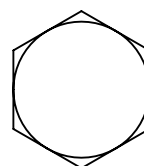
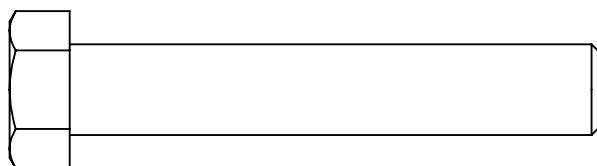
Part #1 HEX HEAD BOLT M12x120mm

QTY. 14



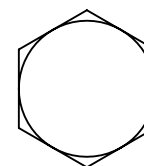
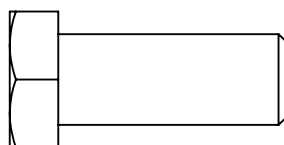
Part #2 HEX HEAD BOLT M12x70mm

QTY. 4



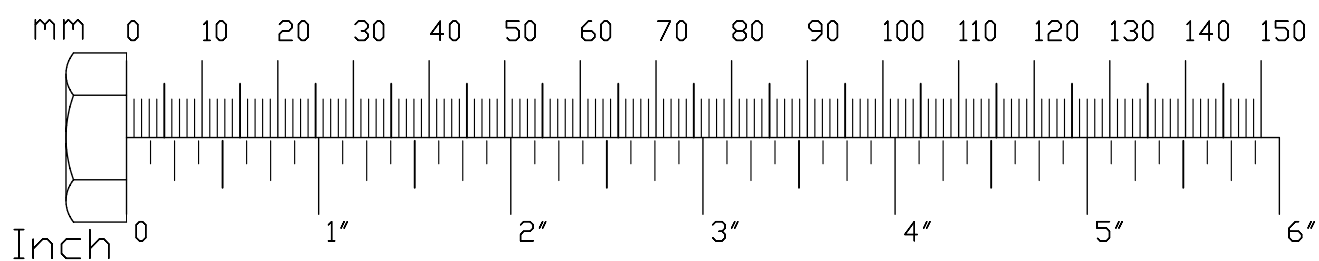
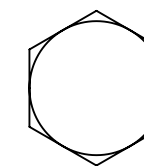
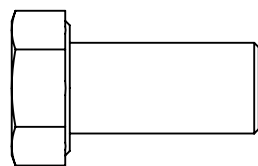
Part #3 HEX HEAD BOLT M12x30mm

QTY. 12



Part #4 HEX HEAD BOLT M12x25mm

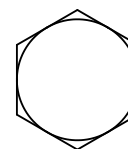
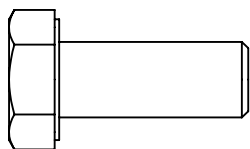
QTY. 4



SGLP500 Hardware Illustration

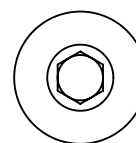
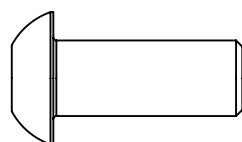
Part #6 HEX HEAD BOLT M10x25mm

QTY. 16



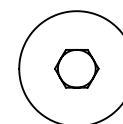
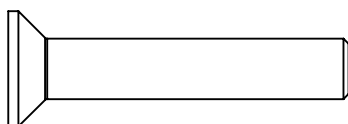
Part #7 BUTTON HEAD CAP SCREW M10x25mm

QTY. 1



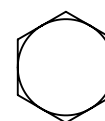
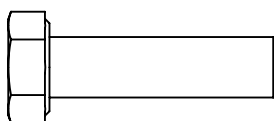
Part #8 FLAT HEAD CAP SCREW M8x45mm

QTY. 6



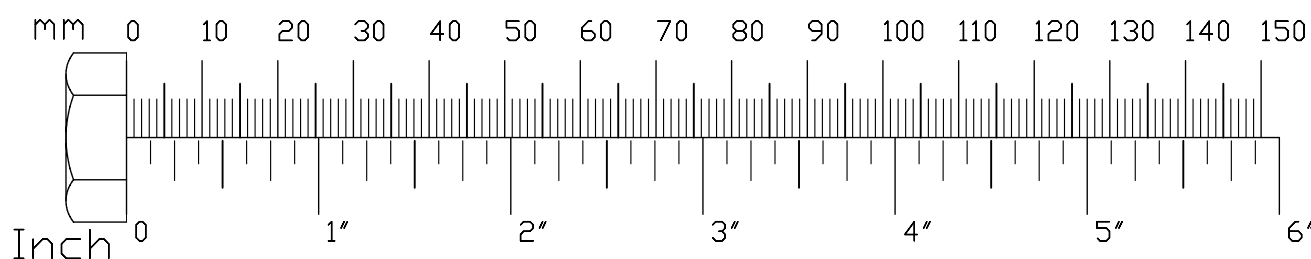
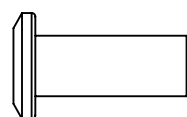
Part #9 HEX HEAD BOLT M8x30mm

QTY. 14



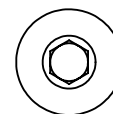
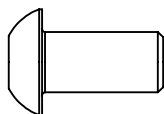
Part #10 LOW SOCKET HEAD CAP SCREW M8x20mm

QTY. 6

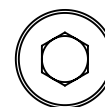
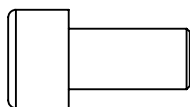


SGLP500 Hardware Illustration

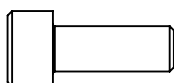
Part #11 BUTTON HEAD CAP SCREW M8x16mm QTY. 12



Part #12 SOCKET HEAD CAP SCREW M8x16mm QTY. 2



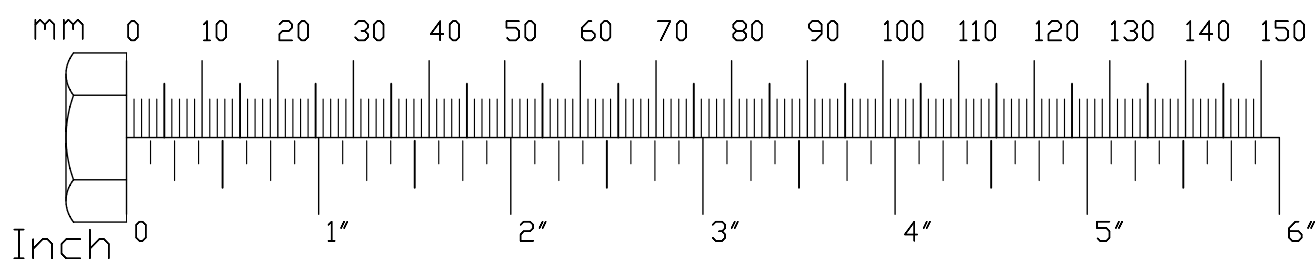
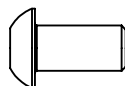
Part #13 SOCKET HEAD CAP SCREW M6x16mm QTY. 5



Part #14 SET SCREW M8x6mm QTY. 4



Part #15 BUTTON HEAD CAP SCREW M6x10mm QTY. 22



SGLP500 Hardware Illustration

Part #16

M6x4MM SET SCREW

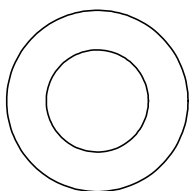
QTY. 5



Part #17

M12 FLAT WASHER

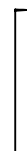
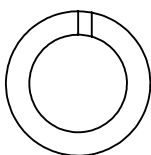
QTY. 52



Part #18

M12 LOCK WASHER

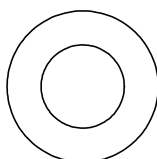
QTY. 16



Part #19

M10 FLAT WASHER

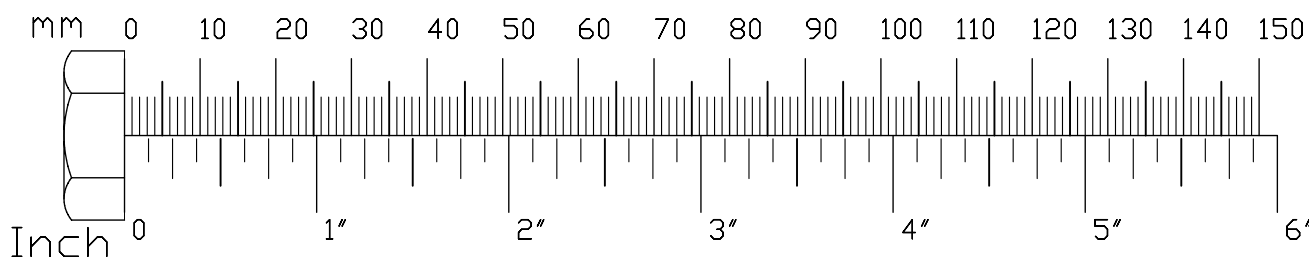
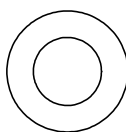
QTY. 16



Part #20

M8 FLAT WASHER

QTY. 20

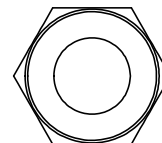
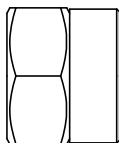


SGLP500 Hardware Illustration

Part #21

M12 NYLON LOCK NUT

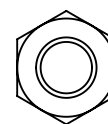
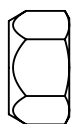
QTY. 18



Part #22

M8 NYLON LOCK NUT

QTY. 6



Part #41

M6 FLAT WASHER

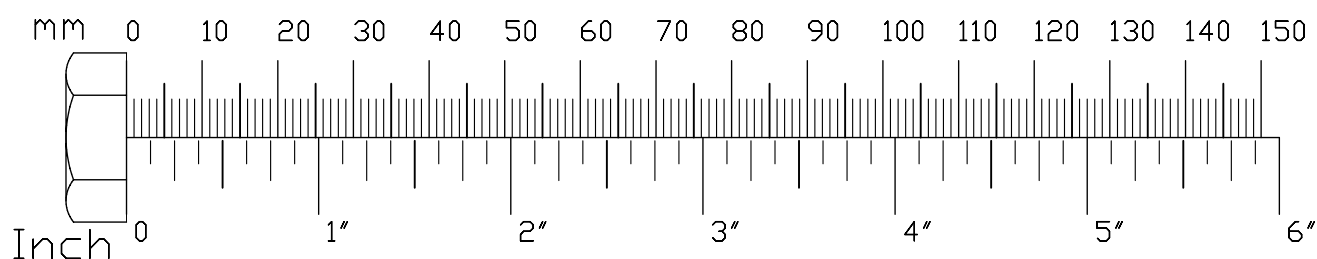
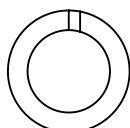
QTY. 20



Part #49

M10 LOCK FLAT WASHER

QTY. 16



STEP

1

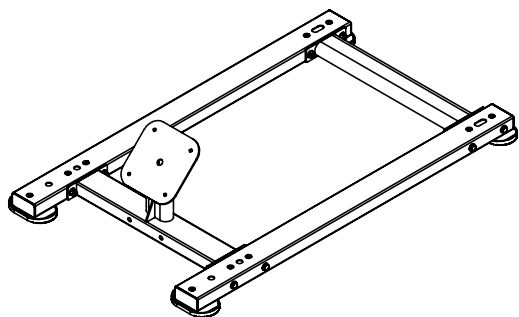
Be careful to assemble all components in the sequence they are presented.

NOTE:

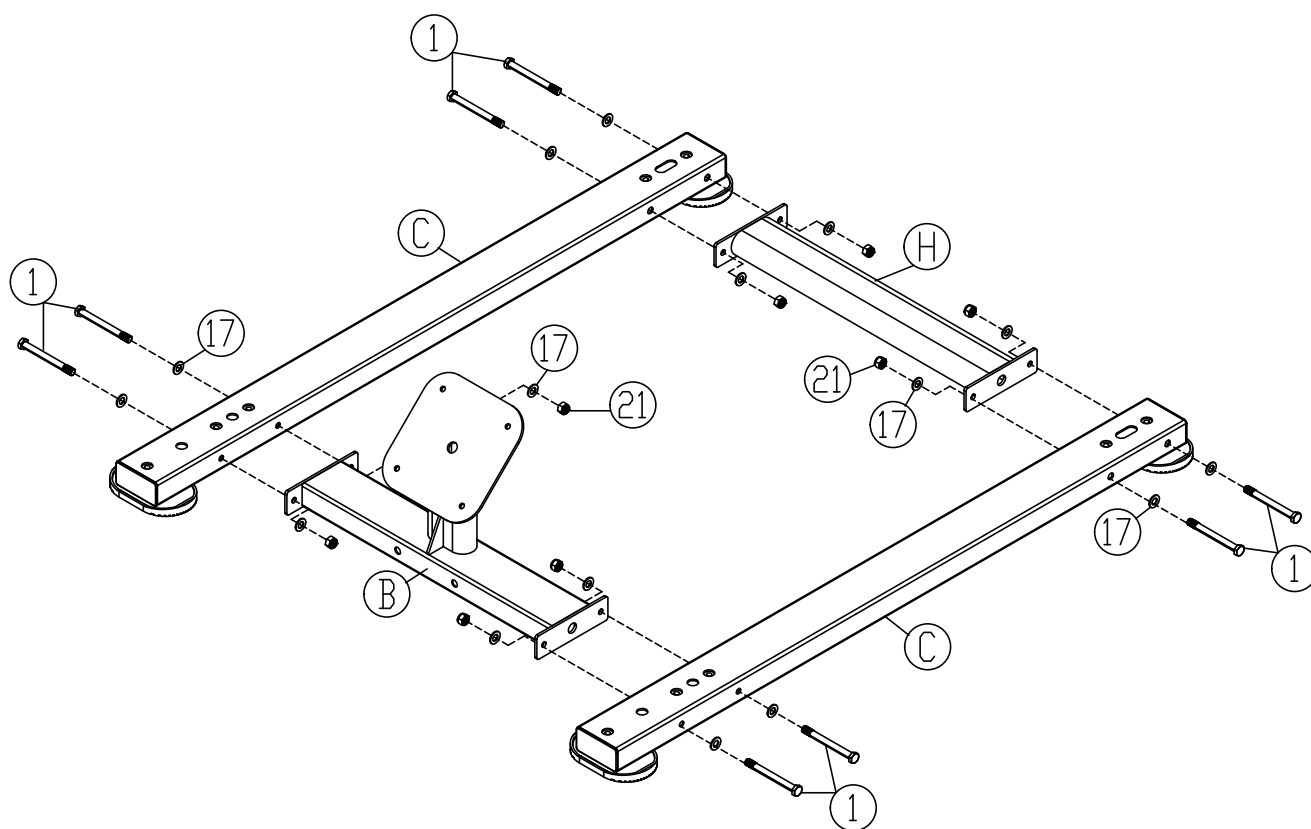
Finger tighten all hardware in this step. DO NOT wrench tighten until instructed. Some components may be pre-assembled. Nylon lock nuts will not fully screw onto bolts, they must be wrench tightened to fully go on.

- 1A.** Attach Seat Frame **(B)** to Side Base Frames **(C)** using:
 - 4 - (#1) M12x120mm Hex Head Bolt**
 - 8 - (#17) M12 Flat Washer**
 - 4 - (#21) M12 Nylon Lock Nut**

- 1B.** Attach Base Crossmember **(H)** to Side Base Frames **(C)** using:
 - 4 - (#1) M12x120mm Hex Head Bolt**
 - 8 - (#17) M12 Flat Washer**
 - 4 - (#21) M12 Nylon Lock Nut**



Above shows Step 1 assembled and completed.



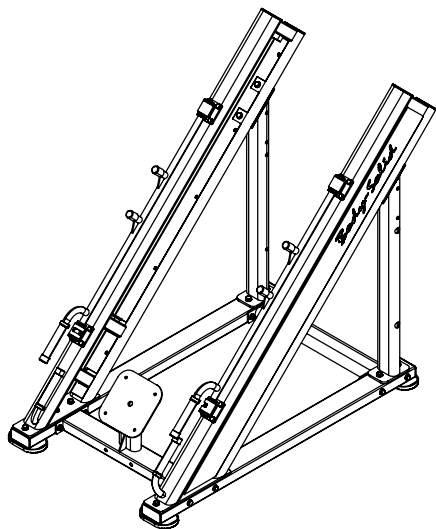
STEP**2**

Be careful to assemble all components in the sequence they are presented.

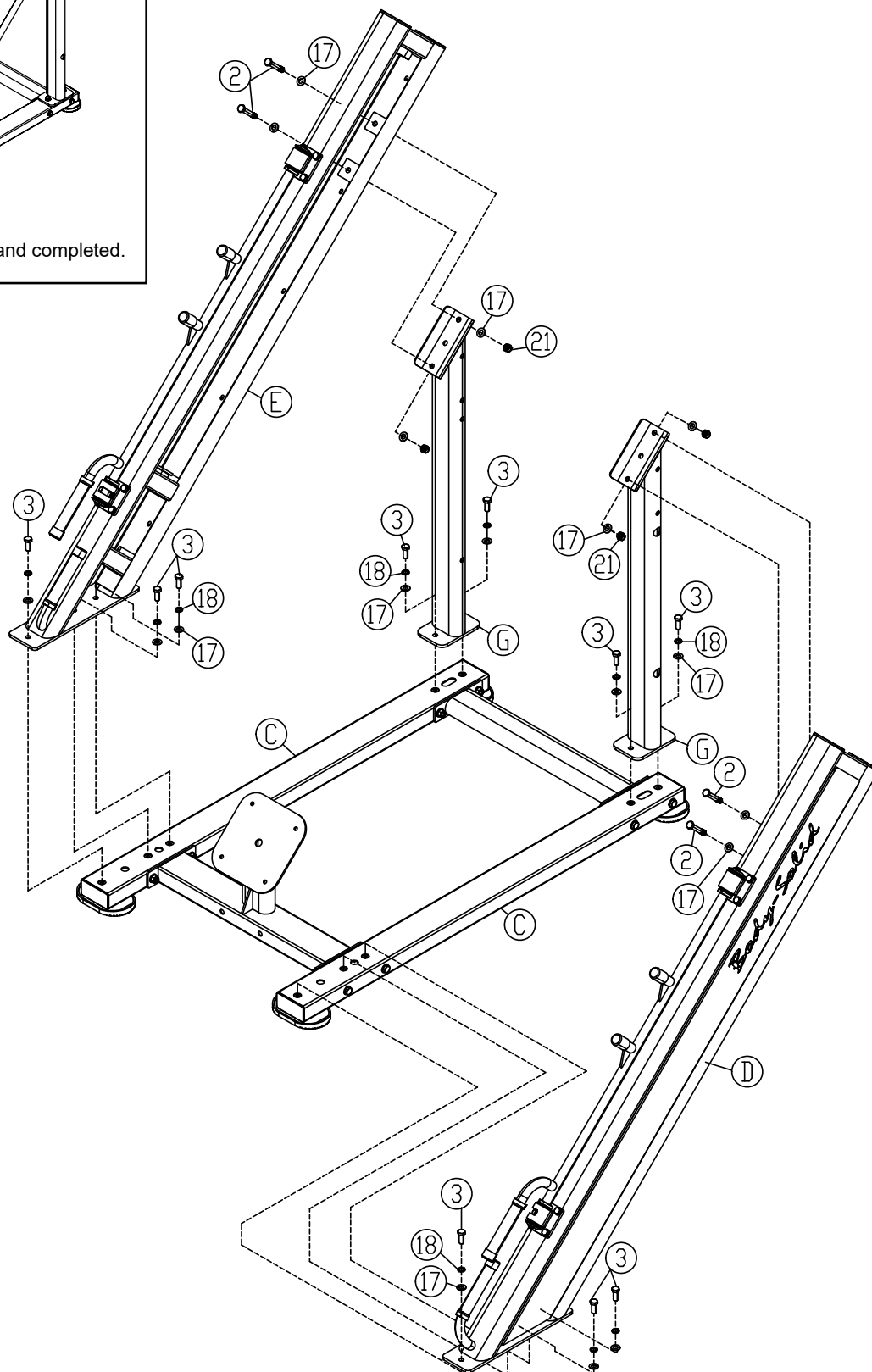
NOTE:

Finger tighten all hardware in this step. DO NOT wrench tighten until instructed. Some components may be pre-assembled. Nylon lock nuts will not fully screw onto bolts, they must be wrench tightened to fully go on.

- 2A.** Attach Left Upright (**F**) to Side Base Frames (**C**) using:
- 2 - (#3) M12x30mm Hex Head Bolt**
 - 2 - (#17) M12 Flat Washer**
 - 2 - (#18) M12 Lock Washer**
- 2B.** Attach Right Upright (**G**) to Side Base Frames (**C**) using:
- 2 - (#3) M12x30mm Hex Head Bolt**
 - 2 - (#17) M12 Flat Washer**
 - 2 - (#18) M12 Lock Washer**
- 2C.** Attach Left Side Frame (**E**) to Side Base Frame (**C**) & Left Upright (**F**) using:
- 2 - (#2) M12x70mm Hex Head Bolt**
 - 3 - (#3) M12x30mm Hex Head Bolt**
 - 7 - (#17) M12 Flat Washer**
 - 3 - (#18) M12 Lock Washer**
 - 1 - (#21) M12 Nylon Lock Nut**
- 2D.** Attach Right Side Frame (**D**) to Side Base Frame (**C**) & Right Upright (**D**) using:
- 2 - (#2) M12x70mm Hex Head Bolt**
 - 3 - (#3) M12x30mm Hex Head Bolt**
 - 7 - (#17) M12 Flat Washer**
 - 3 - (#18) M12 Lock Washer**
 - 1 - (#21) M12 Nylon Lock Nut**



Above shows Step 2 assembled and completed.



STEP**3**

Be careful to assemble all components in the sequence they are presented.

NOTE:

Wrench tighten ALL hardware at the end of STEP 3G. Some components may be pre-assembled. Nylon lock nuts will not fully screw onto bolts, they must be wrench tighten to fully go on.

- 3A.** Insert Guide Rods **(P)** half way into Side Frames **(D & E)**.
- 3B.** Insert one Rubber Bumper **(#42)** onto each Guide Rod **(P)** and Push the Rubber Bumper **(#42)** all the way up.
- 3C.** Attach Upper Crossmember **(J)** to Uprights **(F & G)** using:
 - 4 - (#1) M12x120mm Hex Head Bolt**
 - 8 - (#17) M12 Flat Washer**
 - 4 - (#21) M12 Nylon Lock Nut**

IMPORTANT NOTE:

- 1. Do not tighten bolts. You may need to loosen the bolts in order to create more space to put the Carriage **(Q)** between the Side Frames **(E & D)**.
 - 2. The Carriage **(Q)** is heavy, It is strongly recommended to have two people holding the Carriage **(Q)** during the installation.
- 3D.** Place the Carriage **(Q)** between the Side Frames **(E & D)** and Insert Guide Rods **(G)** into the Carriage **(Q)**.
 - 3E.** Insert another Rubber Bumper **#42)** onto each Guide Rod **(P)**.
 - 3F.** Insert one Safety Spacer **(N)** onto each Guide Rod **(P)**.
 - 3G.** Attach Guide Rods **(P)** to Side Base Frame **(D & E)** using:
 - 2 - (#4) M12x25mm Hex Head Bolt**
 - 2 - (#11) M8x16mm Button Head Cap Screw**
 - 2 - (#17) M12 Flat Washer**
 - 2 - (#23) Metal End Cap**

STEP**4**

Be careful to assemble all components in the sequence they are presented.

NOTE:

Wrench tighten ALL hardware at the end of STEP 4D. Some components may be pre-assembled. Nylon lock nuts will not fully screw onto bolts, they must be wrench tighten to fully go on.

- 4A.** Attach Weight Horn (**S**) to Carriage (**Q**) using:
4 - (#14) M8x6mm Set Screw

IMPORTANT NOTE:

Please use measuring tape to make sure the Weight horn is place in the center when the Set Screws are tightened.

- 4B.** Attach Front Base Frame (**A**) to Seat Frame (**B**) using:
2 - (#1) M12x120mm Hex Head Bolt
4 - (#17) M12 Flat Washer
2 - (#21) M12 Nylon Lock Nut
- 4C.** Insert Chrome Back Rest Frame (**X**) into Back Rest Angle Adjustment Frame (**W**) and install M10x25mm Button Head Cap ScREW (**#7**).
- 4D.** Attach Back Rest Frame (**Y**) to Front Base Frame (**A**) using:
2 - (#11) M8x16mm Button Head Cap Screw
2 - (#23) Metal End Cap
1 - (#30) Shaft, ø25x134mm

STEP**5**

Be careful to assemble all components in the sequence they are presented.

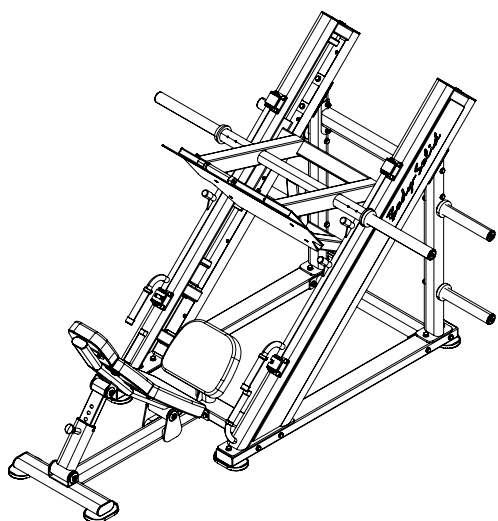
NOTE:

Wrench tighten ALL hardware at the end of STEP 6B. Some components may be pre-assembled. Nylon lock nuts will not fully screw onto bolts, they must be wrench tighten to fully go on.

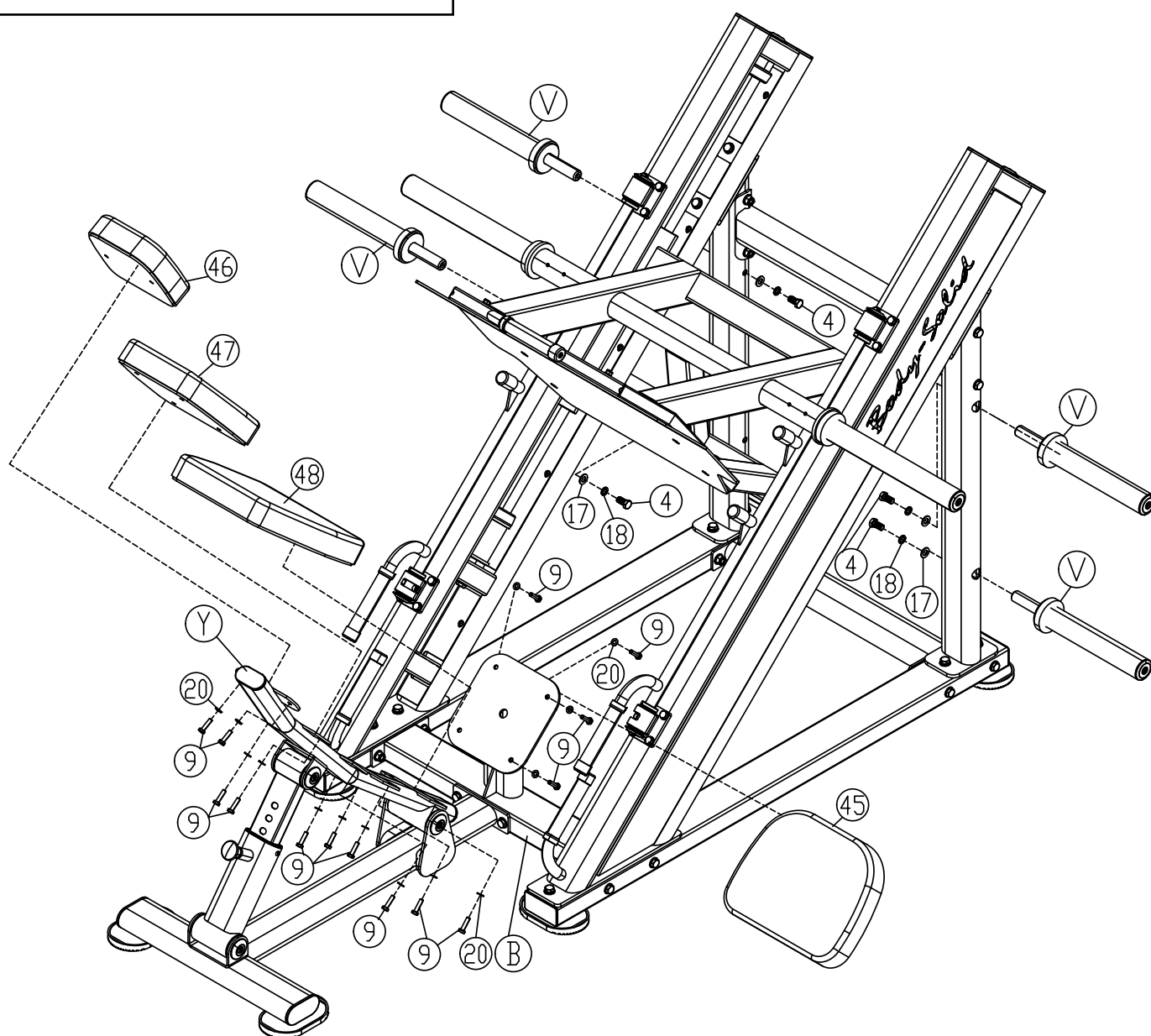
- 5A.** Attach Back Pads (**#46, #47, #48**) to Back Rest Frame (**A**) using:
 - 10 - (#9) M8x30mm Hex Head Bolt**
 - 10 - (#20) M8 Flat Washer**

- 5B.** Attach Seat Pad (**#45**) to Seat Frame (**B**) using:
 - 4 - (#9) M8x30mm Hex Head Bolt**
 - 4 - (#20) M8 Flat Washer**

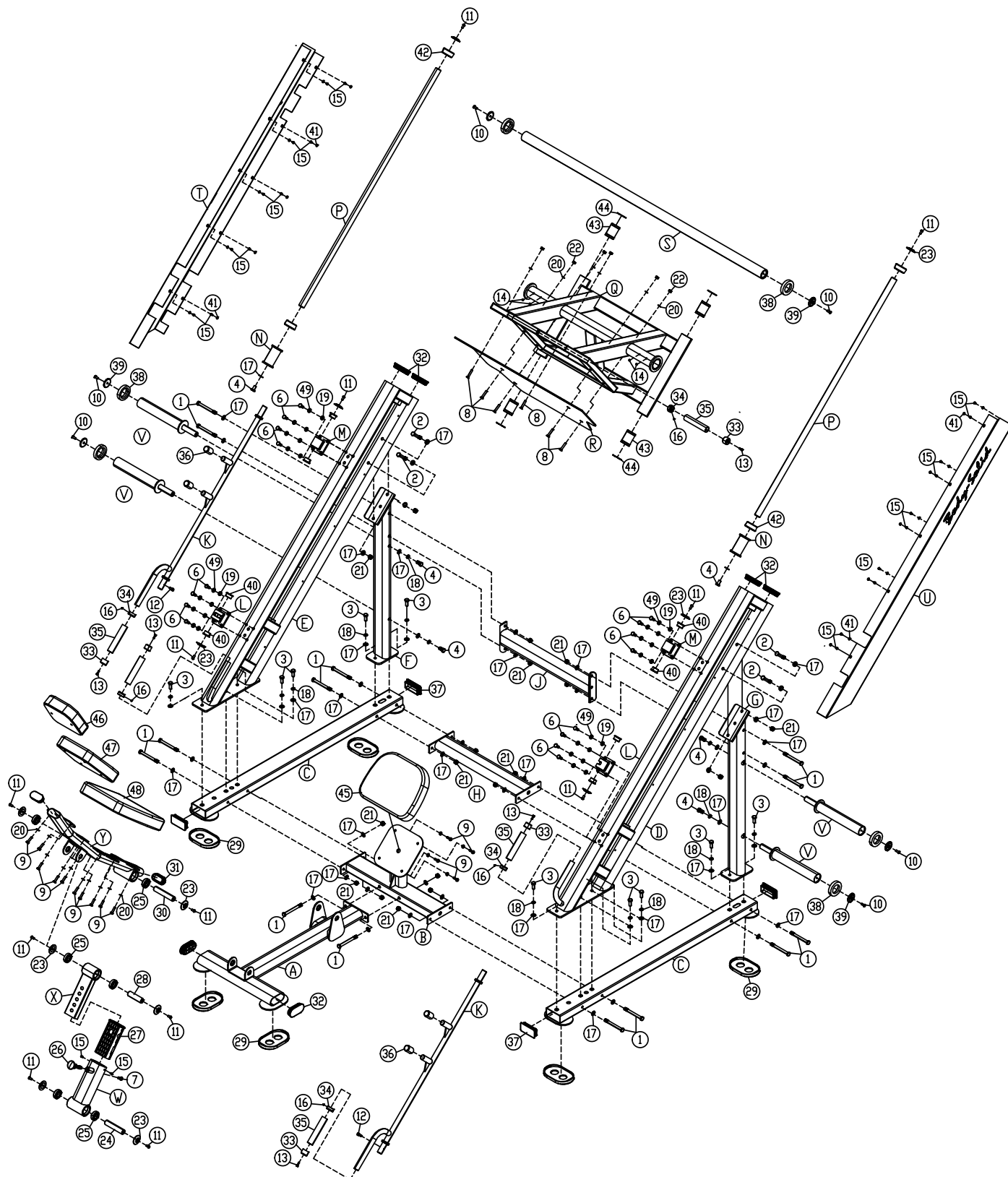
- 5C.** Attach Weight Plate Storage Horns (**V**) to Uprights (**F & G**) using:
 - 4 - (#4) M12x25mm Hex Head Bolt**
 - 4 - (#17) M12 Flat Washer**
 - 4 - (#18) M12 Lock Washer**



Above shows Step 6 assembled and completed.



SGLP500 Exploded View





SGLP500

PLEASE WRITE YOUR SERIAL NUMBER IN THE BOXES BELOW

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