

MATRIX

VERSA SERIES

VS-S531





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Abdominal
Adjust pad to front of chest
Stretch

1 2

Low Back
Adjust pad behind back
Stretch

1 2

Abdominal

MATRIX

Low Back



IMPORTANT SAFETY INFORMATION

It is the sole responsibility of the purchaser of MATRIX products to instruct all individuals, whether they are the end user or supervising personnel on proper usage of the equipment.

It is recommended that all users of MATRIX exercise equipment be informed of the following information prior to its use.

Do not use any equipment in any way other than designed or intended by the manufacturer. It is imperative that MATRIX equipment be used properly to avoid injury.

INSTALLATION

1. **STABLE AND LEVEL SURFACE:** MATRIX exercise equipment must be installed on a stable base and properly leveled.
2. **SECURING EQUIPMENT:** Manufacturer recommends that all stationary MATRIX strength equipment be secured to the floor to stabilize equipment and eliminate rocking or tipping over. This must be performed by a licensed contractor.

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

MAINTENANCE

1. **DO NOT** use any equipment that is damaged and or has worn or broken parts. Use only replacement parts supplied by your country's local MATRIX dealer.
2. **MAINTAIN LABELS AND NAMEPLATES:** Do not remove labels for any reason. They contain important information. If unreadable or missing, contact your MATRIX dealer for a replacement.
3. **MAINTAIN ALL EQUIPMENT:** Preventative maintenance is the key to smooth operating equipment as well as keeping your liability to a minimum. Equipment needs to be inspected at regular intervals.
4. Ensure that any person(s) making adjustments or performing maintenance or repair of any kind is qualified to do so. MATRIX dealers will provide service and maintenance training at our corporate facility upon request.

ADDITIONAL NOTES

This equipment should only be used in supervised areas where access and control is specifically regulated by the owner. It is up to the owner to determine who is allowed access to this training equipment. The owner should consider a user's: degree of reliability, age, experience, etc.

This training equipment meets industry standards for stability when used for its intended purpose in accordance with the instructions provided by the manufacturer.

This equipment is for indoor use only. This training equipment is a Class S product (designed for use in a commercial environment such as a fitness facility). This training equipment is in compliance with EN ISO 20957-1 and EN 957-2.



WARNING

DEATH OR SERIOUS INJURY CAN OCCUR ON THIS EQUIPMENT. FOLLOW THESE PRECAUTIONS TO AVOID INJURY!

1. Keep children under the age of 14 away from this strength training equipment. Teenagers must be supervised at all times while using this equipment.
2. This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the equipment by a person responsible for their safety.
3. All warnings and instructions should be read and proper instruction obtained prior to use. Use this equipment for its intended purpose **ONLY**.
4. Inspect the machine before use. **DO NOT** use machine if it appears damaged or inoperable.
5. Do not exceed weight capacity of this equipment.
6. Check to see that the selector pin is completely inserted into the weight stack.
7. **NEVER** use the machine with the weight stack pinned in an elevated position.
8. **NEVER** use dumbbells or other means to incrementally increase the weight resistance. Only use the means provided directly from the manufacturer.
9. Injuries to health may result from incorrect or excessive training. Cease exercise if you feel faint or dizzy. Obtain a medical exam before beginning an exercise program.
10. Keep body, clothing, hair, and fitness accessories free and clear of all moving parts.
11. Adjustable stops, where provided, must be used at all times.
12. When adjusting any adjustable mechanism (stop position, seat position, pad location, range of motion limiter, pulley carriage, or any other type), make certain that the adjustable mechanism is fully engaged prior to use to prevent unintended motion.
13. Manufacturer recommends that this equipment be secured to the floor to stabilize and eliminate rocking or tipping over. Use a licensed contractor.
14. If equipment is **NOT** secured to floor: **NEVER** allow resistance straps, ropes or other means to be attached to this equipment, as this may result in serious injury. **NEVER** use this equipment for support during stretching, as this may result in serious injury.
15. **DO NOT REMOVE THIS LABEL. REPLACE IF DAMAGED OR ILLEGIBLE.**



PROPER USAGE

1. Do not exceed weight limits of the exercise device.
2. If applicable, set safety stops to appropriate height.
3. If applicable, adjust seat pads, leg pads, foot pads, range of motion adjustment, or any other type of adjustment mechanisms to a comfortable start position. Make certain that the adjusting mechanism is fully engaged to prevent unintentional movement and to avoid injury.
4. Sit on bench (if applicable) and get into appropriate position for exercise.
5. Exercise using no more weight than you can safely lift and control.
6. In a controlled manner, perform exercise.
7. Return weight to its fully-supported start position.

MAINTENANCE CHECKLIST

ACTION	FREQUENCY
Clean Upholstery ¹	Daily
Inspect Cables ²	Daily
Clean Guide Rods	Monthly
Inspect Hardware	Monthly
Inspect Frame	Bi-Annually
Clean Machine	As Needed
Clean Grips ¹	As Needed
Lubricate Guide Rods ³	As Needed

¹ Upholstery & Grips should be cleaned with a mild soap and water or a non-ammonia based cleaner.

² Cables should be inspected for cracks or frays and immediately replaced if present. If excessive slack exists cable should be tightened without lifting the head plate.

³ Guide rods should be lubricated with Teflon based lubricant. Apply the lubricant to a cotton cloth and then apply up and down the guide rods.

WARRANTY

For North America, please visit www.matrixfitness.com for warranty information along with warranty exclusions and limitations.

PRODUCT SPECIFICATIONS

Max User Weight	136 kg / 300 lbs.
Max Training Weight	107 kg / 235 lbs.
Product Weight, Heavy Stack	263 kg / 579 lbs.
Heavy Weight Stack	104 kg / 230 lbs.
Light Weight Stack	73 kg / 160 lbs.
Add-On-Weight	2.3 kg / 5 lbs. effective resistance
Overall Dimensions (L x W x H)*	133 x 132 x 168 cm / 52.1 x 51.8 x 65.8"

* Ensure a minimum clearance width of 0.6 meters (24") for access to and passage around MATRIX strength equipment. Please note, 0.91 meters (36") is the ADA recommended clearance width for individuals in wheelchairs.



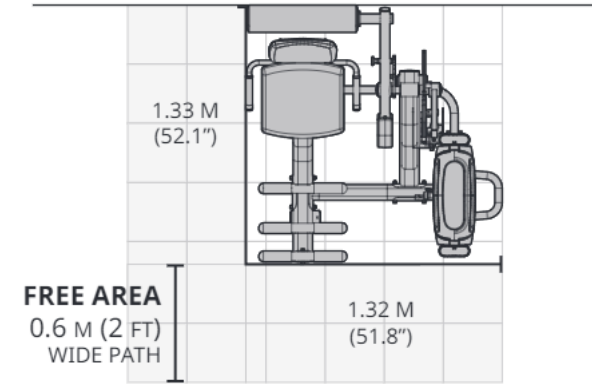
UNPACKING

Thank you for purchasing a MATRIX Fitness product. It is inspected before it is packaged. It is shipped in multiple pieces to facilitate the compact packaging of the machine. Prior to assembly, confirm all the components by matching them with the exploded diagrams. Carefully unpack the unit from this box and dispose of the packing materials in accordance with your local laws.

CAUTION

To avoid injury to yourself and prevent damage to the frame components, be sure to have proper assistance removing the frame pieces from this box. Please be sure to install the equipment on a stable base, and properly level the machine. Ensure a minimum clearance width of 0.6 meters (24") for access to and passage around MATRIX strength equipment. Please note, 0.91 meters (36") is the ADA recommended clearance width for individuals in wheelchairs.

VS-S531 TRAINING AREA



TOOLS REQUIRED FOR ASSEMBLY (not included)

3MM L-Shaped Allen Wrench



4MM L-Shaped Allen Wrench



5MM L-Shaped Allen Wrench



6MM L-Shaped Allen Wrench



8MM L-Shaped Allen Wrench



10MM L-Shaped Allen Wrench



Phillips Screwdriver



8MM Open-End Wrench



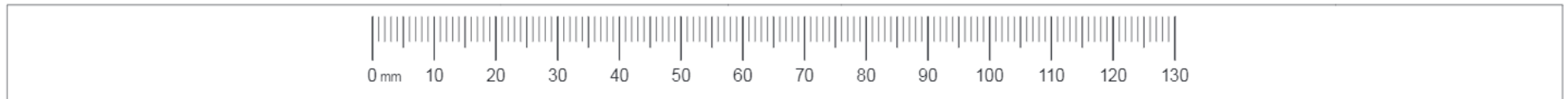
17MM Open-End Wrench



Guide Rod Lubrication



If any items are missing please contact your country's local MATRIX dealer for assistance.



1

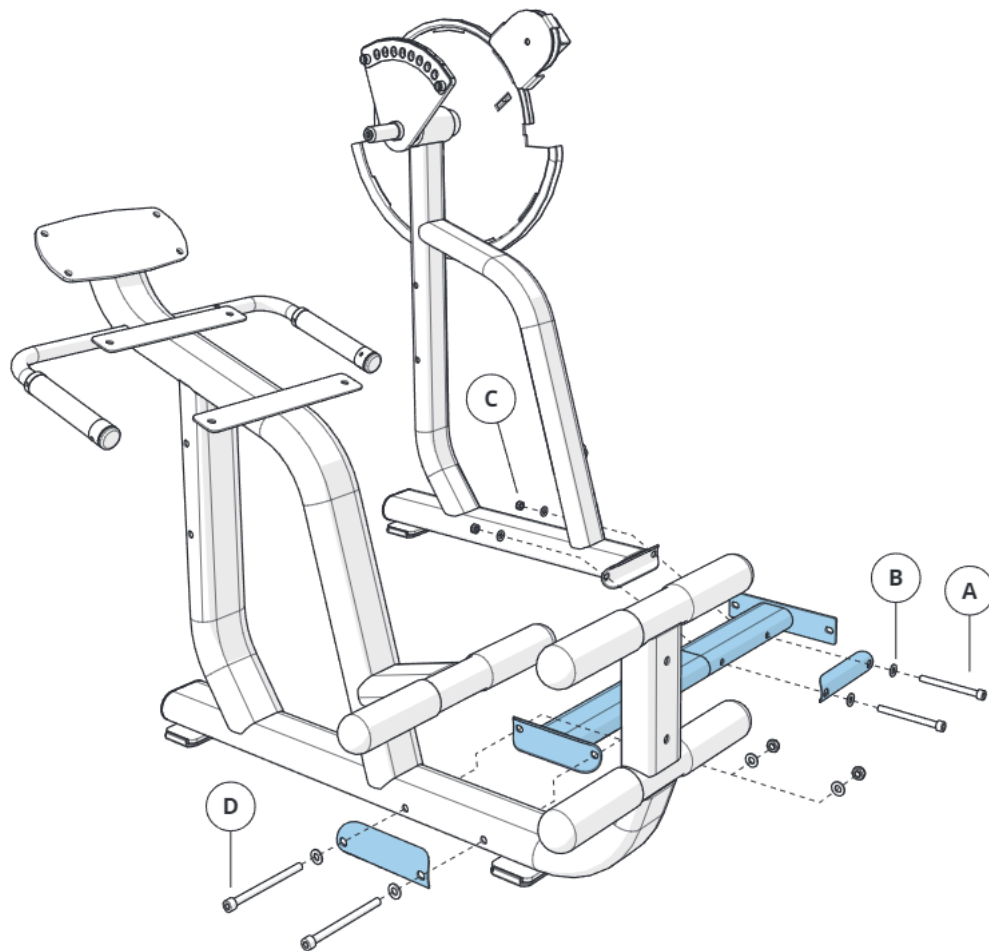
Step 1 Hardware

Description	Qty
A Bolt (M10x105L)	2
B Arc Washer (Φ10.2)	8
C Nut (M10)	4
D Bolt (M10x125L)	2

Torque Value

77 Nm / 57 ft-lb

Do not fully tighten frame connectors until assembly is complete. Vibra-Tite 135 Red Gel or equivalent must be used on all fasteners that are not assembled with Nylock Nuts.



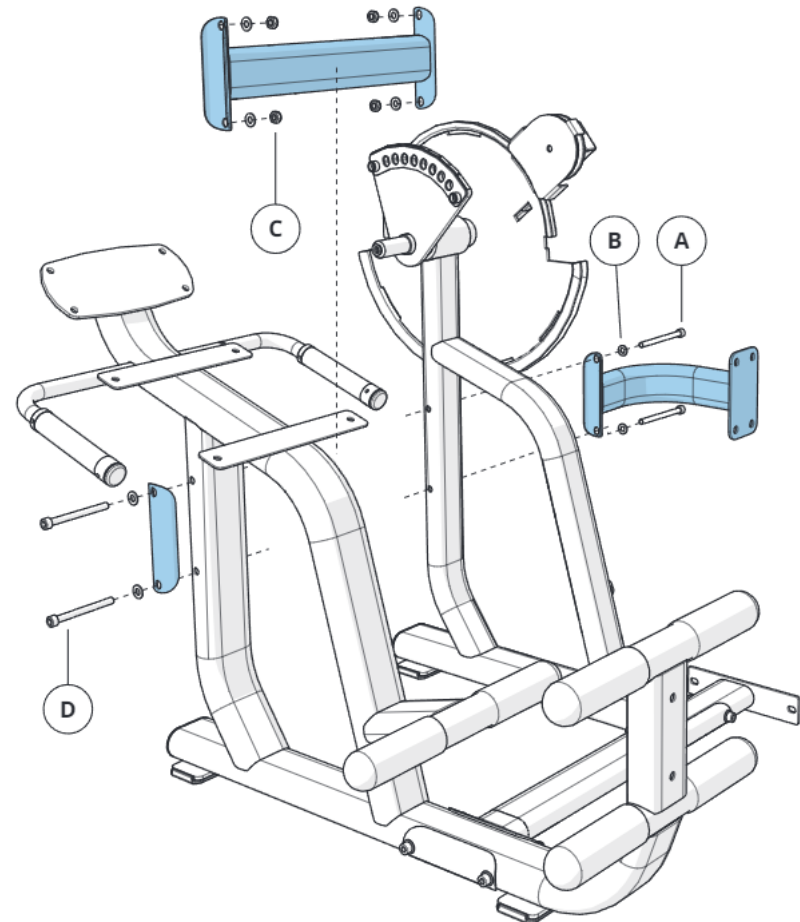
2

Step 2 Hardware

Description	Qty
A Bolt (M10x105L)	2
B Arc Washer (Φ10.2)	8
C Nut (M10)	4
D Bolt (M10x125L)	2

Torque Value

77 Nm / 57 ft-lb

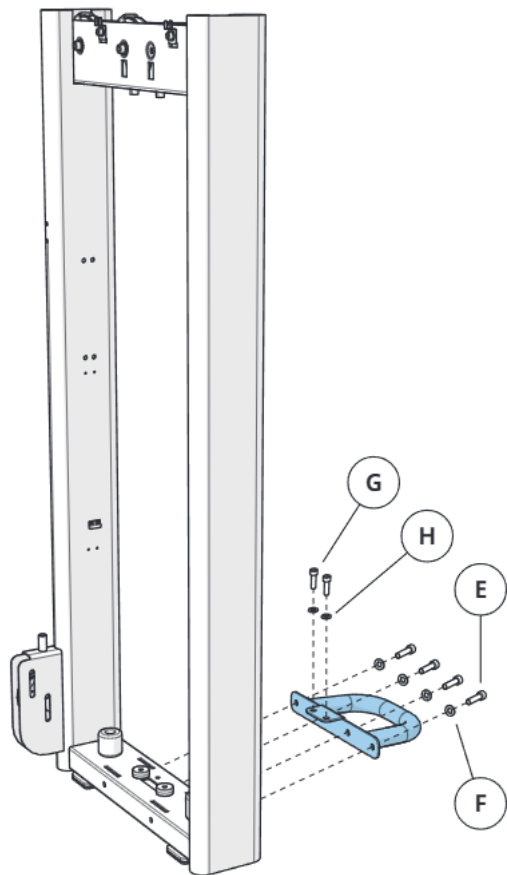


**3****Step 3 Hardware**

Description	Qty
E Bolt (M10x20L)	4
F Flat Washer (Φ10.5)	4
G Bolt (M8x20L)	2
H Flat Washer (Φ8.4)	2

Torque Value

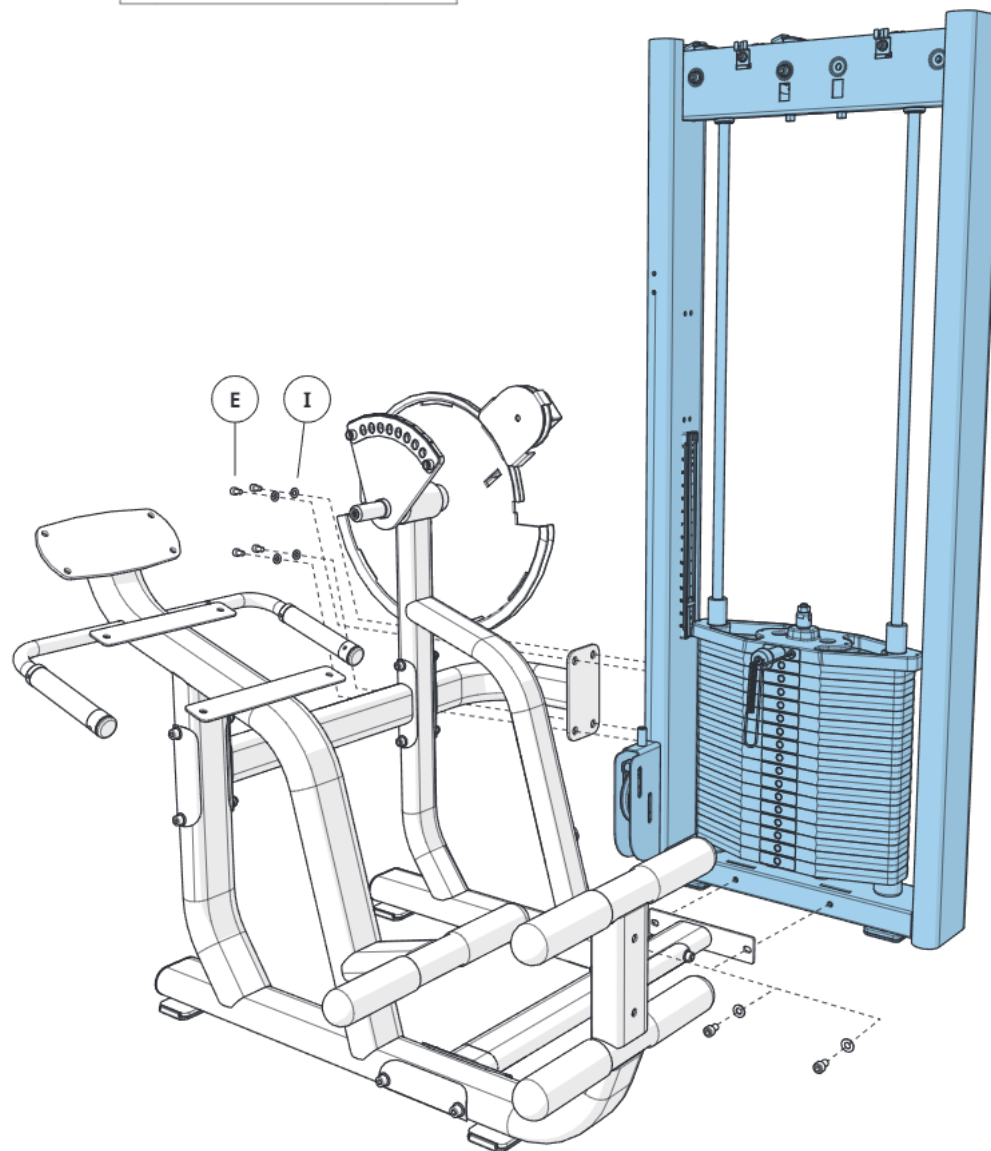
77 Nm / 57 ft-lb

**4****Step 4 Hardware**

Description	Qty
E Bolt (M10x20L)	6
I Flat Washer (Φ10.2)	6

Torque Value

57 Nm / 41 ft-lb



5

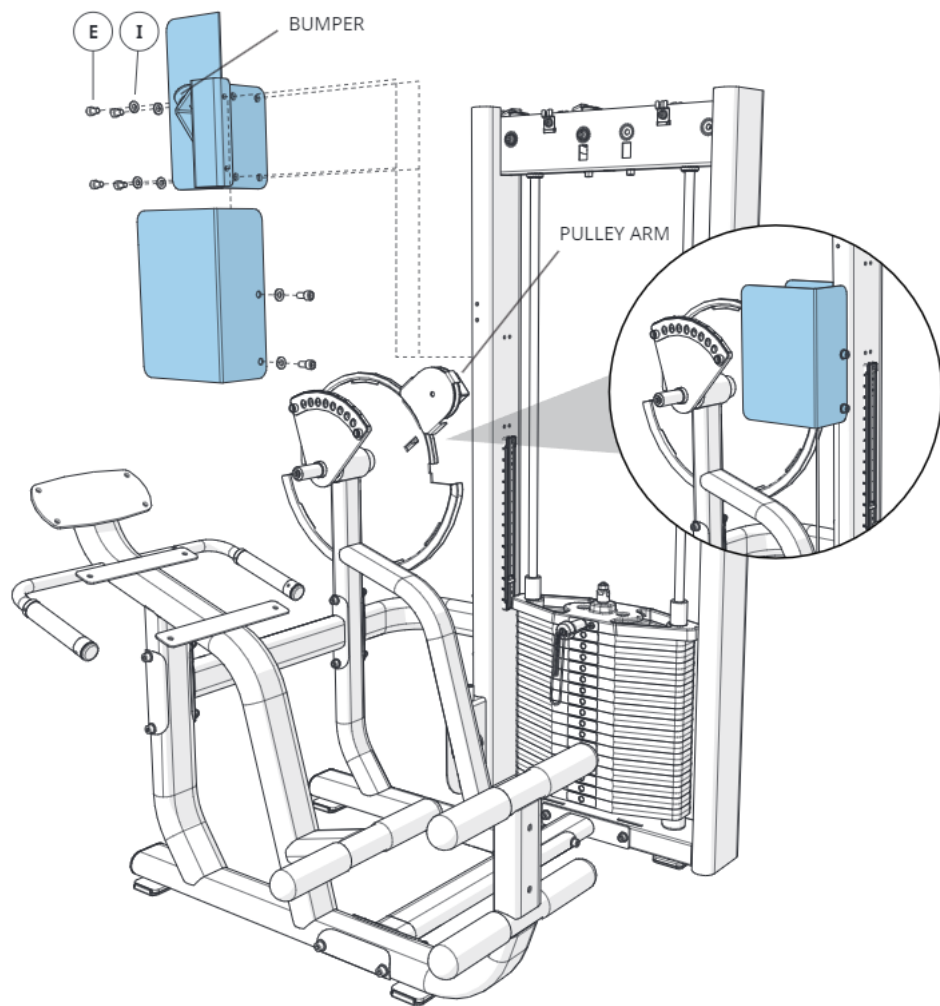
Step 5 Hardware

Description	Qty
E Bolt (M10x20L)	6
I Flat Washer (Φ10.2)	6

Ensure PULLEY ARM is centered on BUMPER

Torque Value

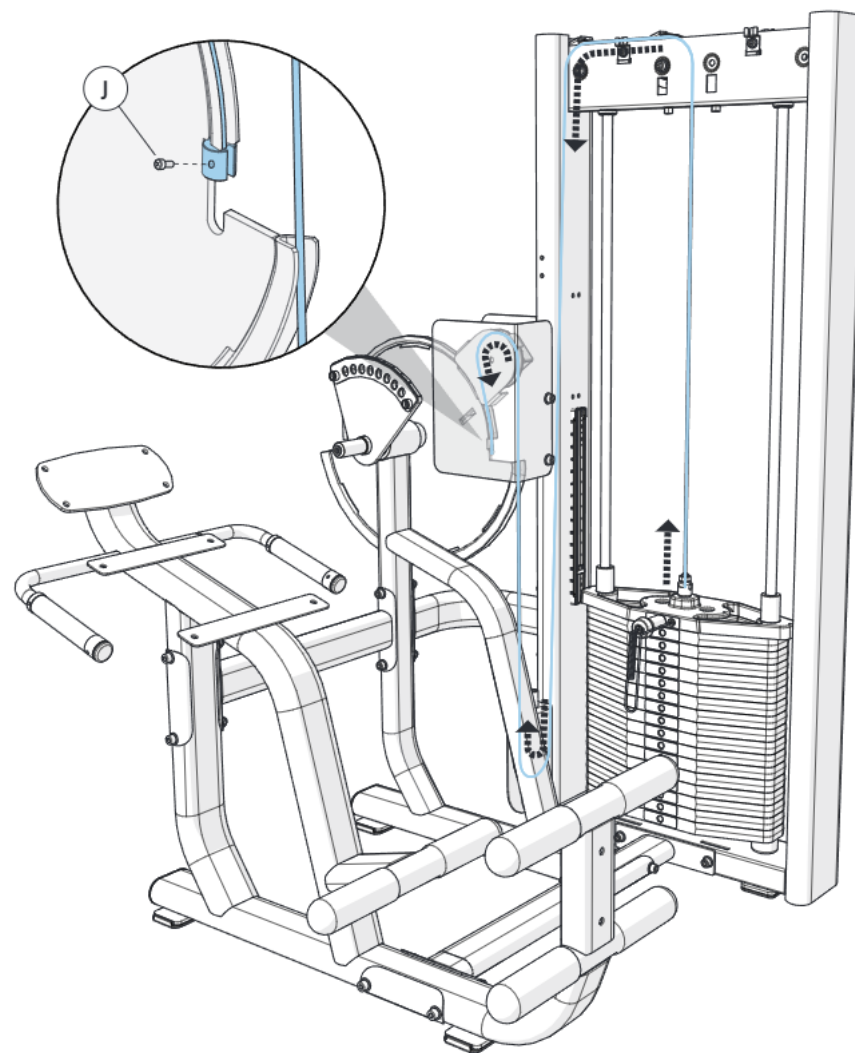
77 Nm / 57 ft-lb



6

Step 6 Hardware

Description	Qty
J Screw (ST4x20L)	1

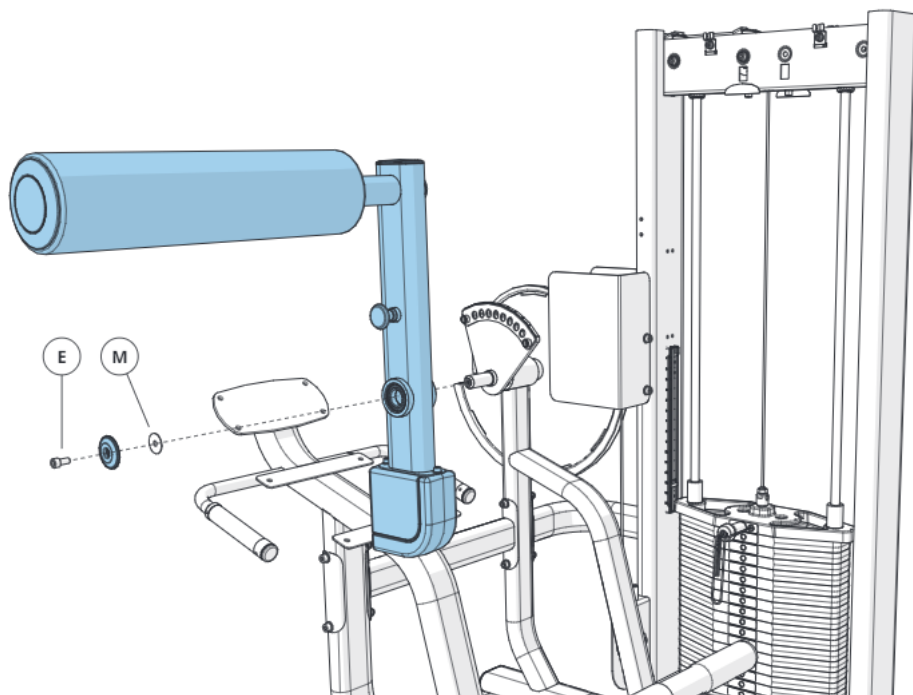
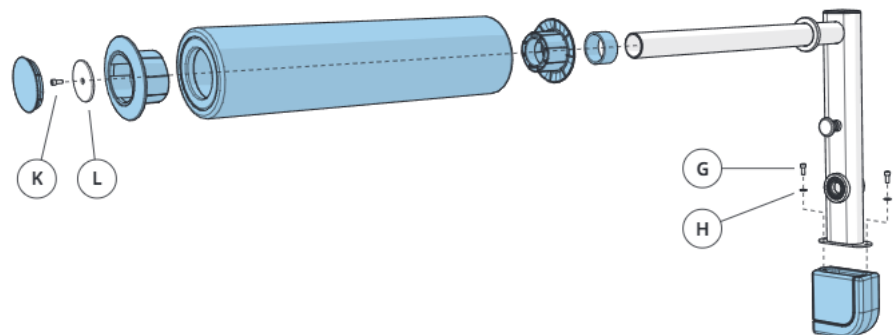


**7****Step 7 Hardware**

Description	Qty
K Bolt (M8x15L)	1
L Flat Washer ($\Phi 8.5 \times \Phi 60$)	1
G Bolt (M8x25L)	2
H Flat Washer ($\Phi 8.4$)	2
E Bolt (M10x20L)	1
M Flat Washer ($\Phi 10.2$)	1

Torque Value

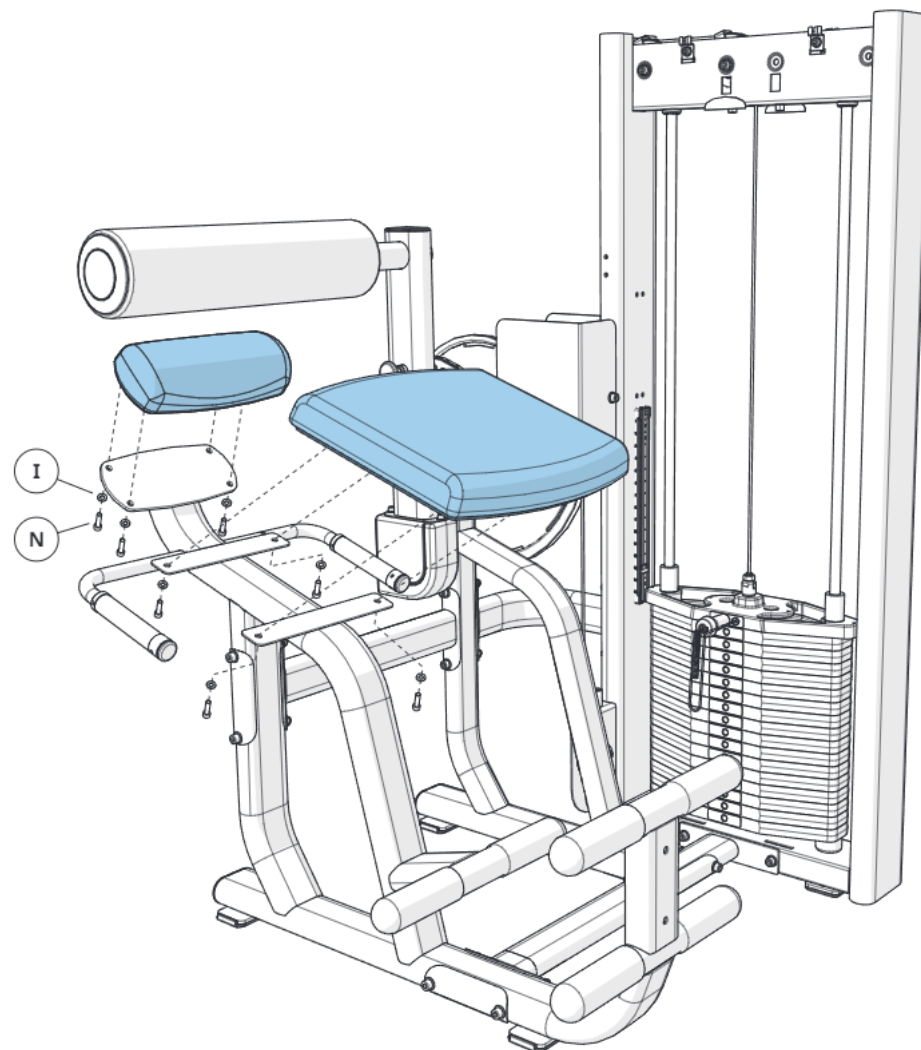
25 Nm / 18 ft-lb

**8****Step 8 Hardware**

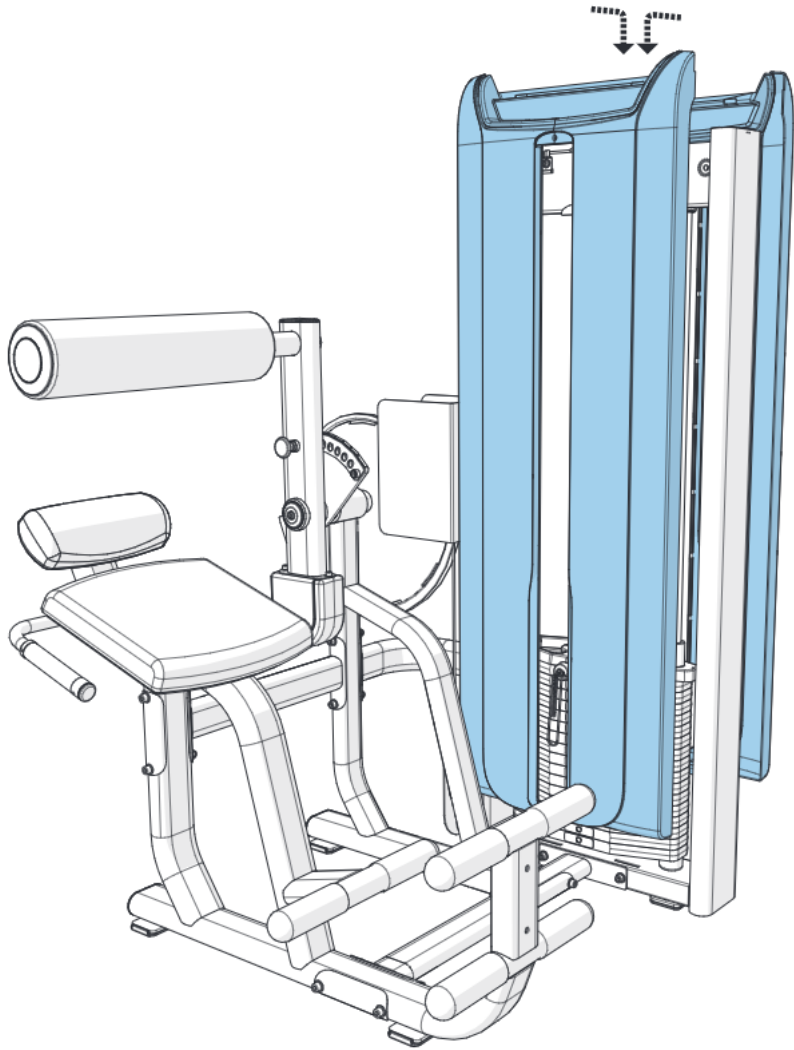
Description	Qty
N Bolt (M10x30L)	8
I Flat Washer ($\Phi 10.2$)	8

Torque Value

10 Nm / 7 ft-lb



9



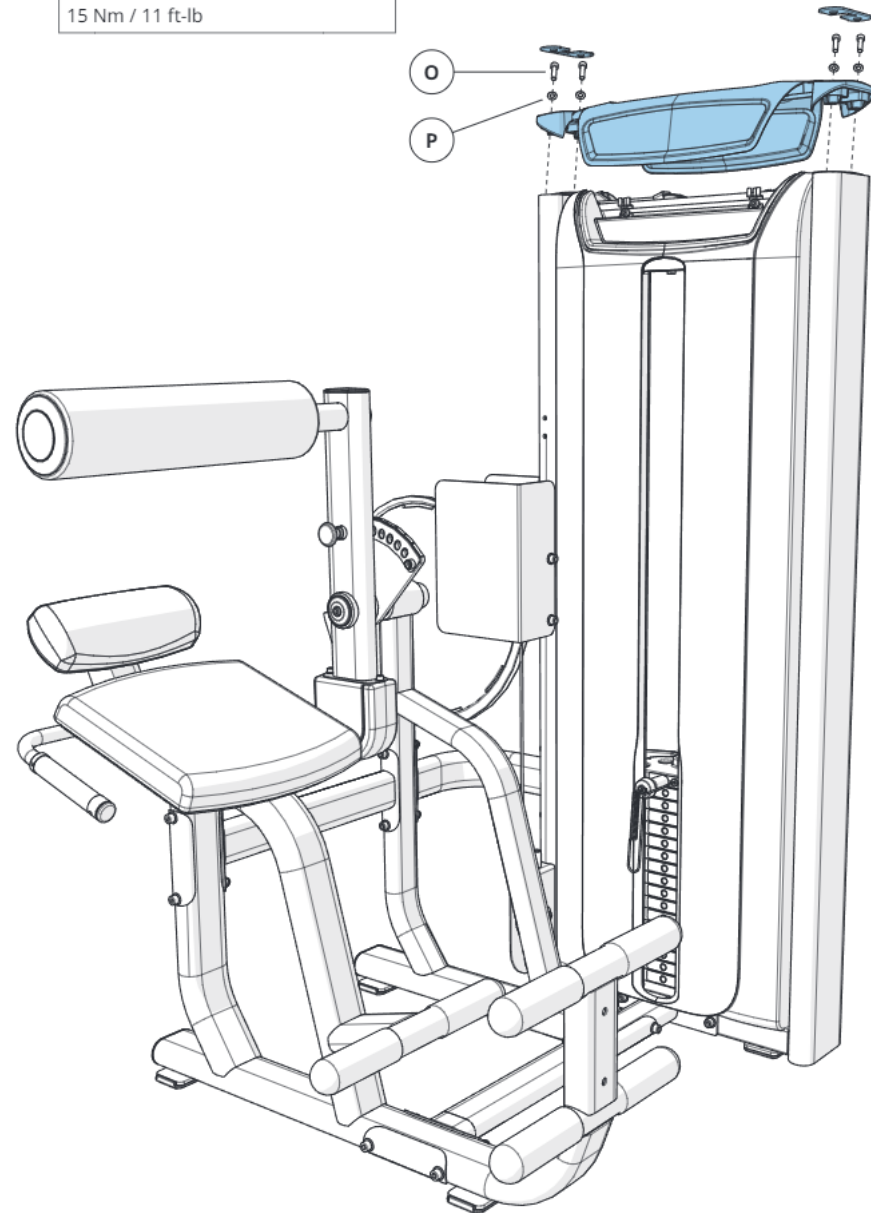
10

Step 10 Hardware

Description	Qty
O Bolt (M8x25L)	4
P Flat Washer (Φ8.4)	4

Torque Value

15 Nm / 11 ft-lb





11

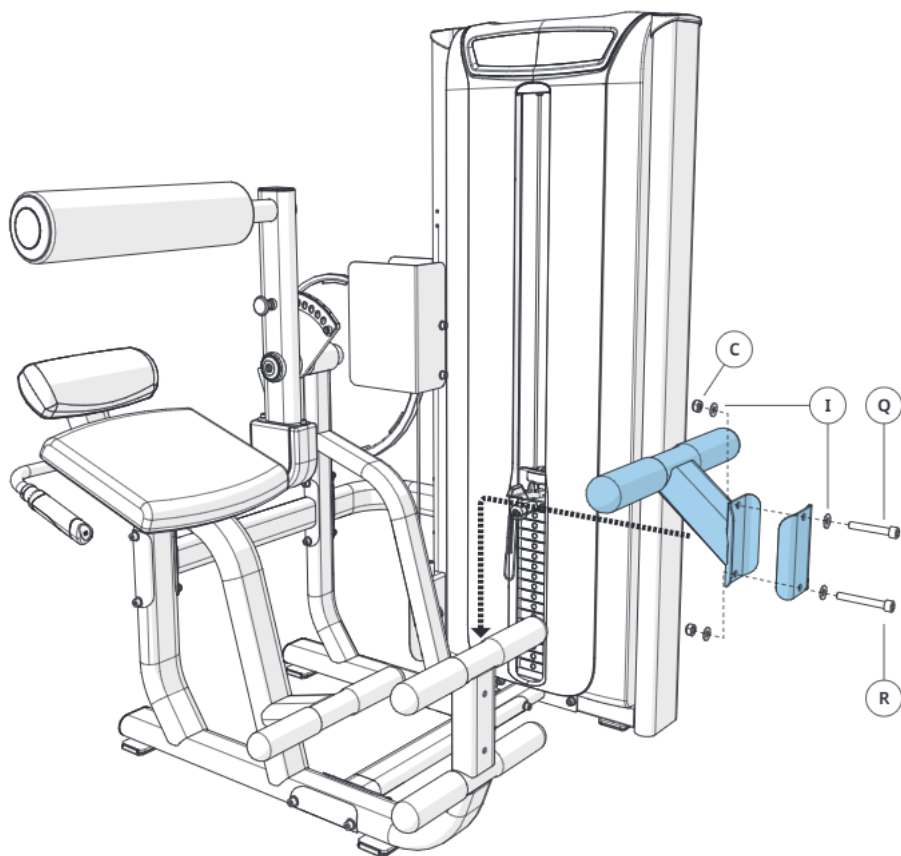
Foot Support Kit (optional)

Step 11 Hardware

Description	Qty
Q Bolt (M10x70L)	1
R Bolt (M10x75L)	1
I Flat Washer (Φ10.2)	4
C Nut (M10)	2

Torque Value

77 Nm / 57 ft-lb



12

Premium Kit (optional)

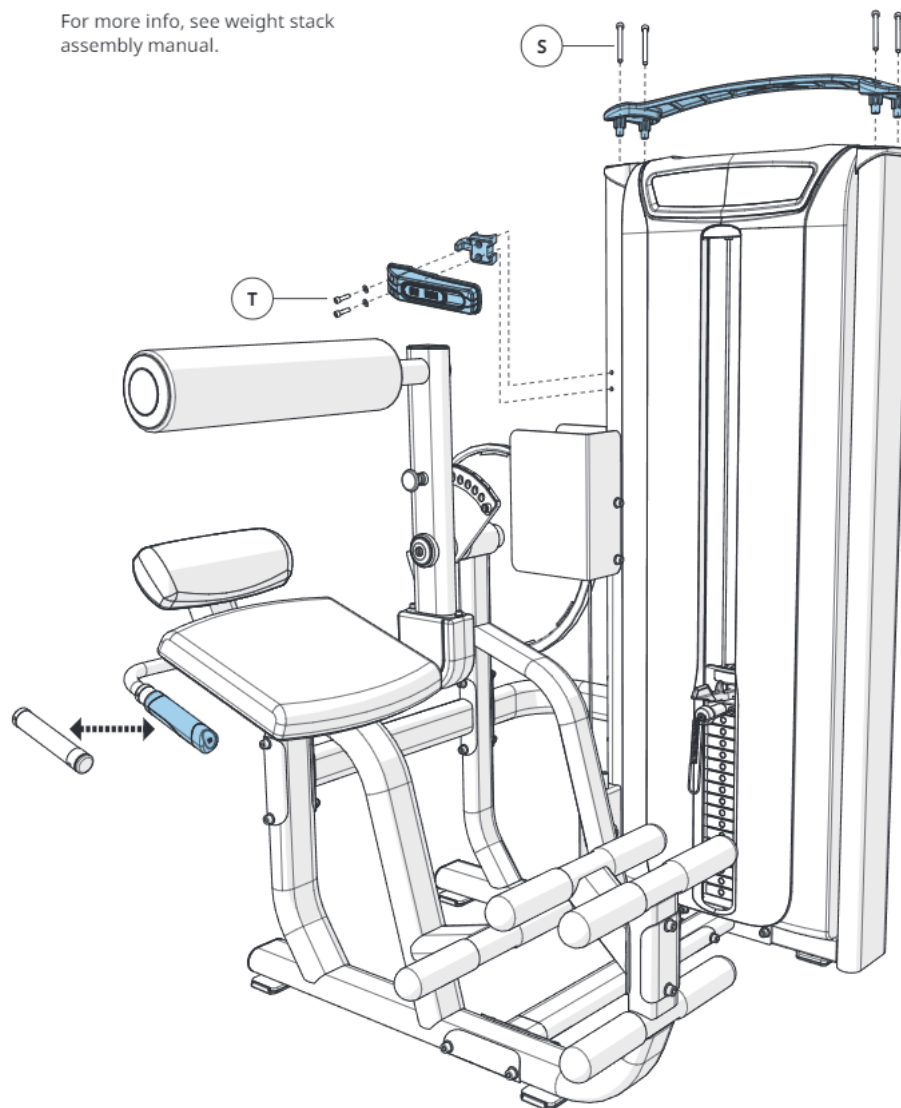
Step 12 Hardware

Description	Qty
S Bolt (M8x60L)	4
T Bolt (M8x35L)	2

Torque Values

S	25 Nm / 18 ft-lb
T	15 Nm / 11 ft-lb

For more info, see weight stack assembly manual.



ASSEMBLY COMPLETE!

MATRIX