MATRIX

Strong • Smart • Beautiful



OWNERS MANUAL

ULTRA Single-Station Strength
G7-S52 Back Extension

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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.

PROPER USAGE

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.

Keep hands and feet clear at all times from moving parts to avoid injury.

CHECK FOR DAMAGED PARTS

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. SECURING EQUIPMENT: All equipment MUST be secured to the floor to stabilize and eliminate rocking or tipping over. This must be performed by a licensed contractor.

4. 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.

5. 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.

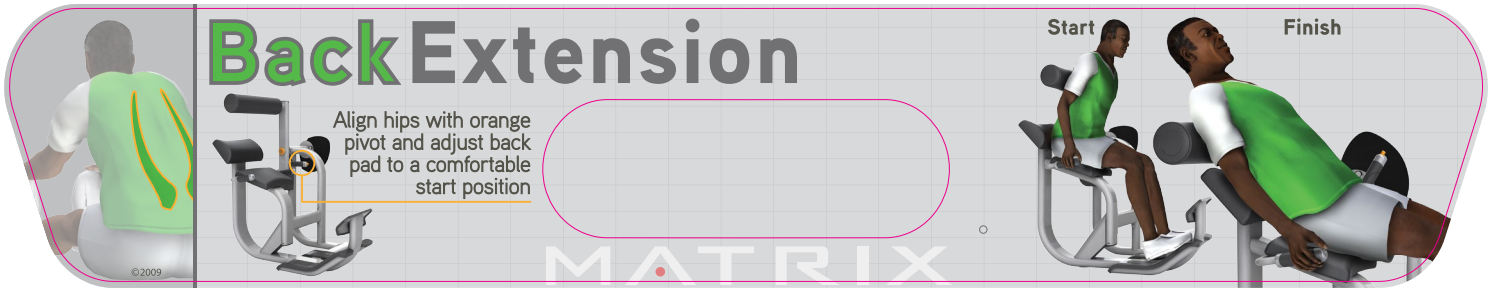
IMPORTANT SAFETY INSTRUCTIONS

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WARNING: SERIOUS INJURY CAN OCCUR ON THIS EQUIPMENT. FOLLOW THESE PRECAUTIONS TO AVOID INJURY!

1. Never allow children on strength training equipment. Teenagers must be supervised at all times while using this equipment.
2. All warnings and instructions should be read and proper instruction obtained prior to use.
3. Use this equipment for its intended purposes only.
4. NEVER allow resistance straps, ropes or other means be attached to this equipment, as this may result in serious injury.
5. NEVER use this equipment for support during stretching, as this may result in serious injury.
6. Cease exercise if you feel faint or dizzy. Obtain a medical exam before beginning an exercise program.
7. Keep body, hair, clothing and accessories free and clear of all moving parts.
8. Inspect the machine before use. DO NOT use machine if it appears damaged or inoperable.
9. Check to see that the selector pin is completely inserted into the weight stack.
10. NEVER use this machine with the weight stack pinned in an elevated position.
11. NEVER use dumbells or other means to incrementally increase the weight resistance. Only use the means provided directly from the manufacturer.
12. This equipment should only be used in supervised areas where access and control are regulated by the owner.

EXERCISE PLACARD



PRODUCT SPECIFICATIONS

TECH SPECS	
Maximum User Weight	136 kg / 300 lbs.
Maximum Training Weight	109 kg / 240 lbs.
Product Weight	283 kg / 623 lbs.
Overall Dimensions (L x W x H)	145.2 x 119.7 x 129.6 cm / 57.2" x 47.1" x 51.0"

WARRANTY (Valid in USA only)	
Frame (not coatings)	10 years
Weight stacks	5 years
Pulleys	5 years
Pivot bearings	5 years
Any items not specified	3 years
Labor (excluding upholstery/cables/grips)	3 years
Upholstery/cables/grips/springs	1 year
Accessories	6 months

MAINTENANCE CHECKLIST

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

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

UNPACKING

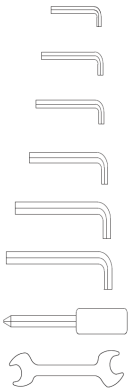
Thank you for purchasing a Matrix product. This machine is an EN957-1 and EN957-2 compliant Class S product. Your Matrix product is inspected before it is packaged. It is shipped in multiple pieces to facilitate the compact packaging of the machine. Prior to assembly, confirm all the components by matching 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

The weight of the product is 623 lbs. (283 kg) not including the weight stack. The weight stack for this machine is 240 lbs. (109 kg). 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, properly level the machine and leave at least two feet of clearance to enter and exit the machine. Maximum user weight for this machine is 300 lbs.

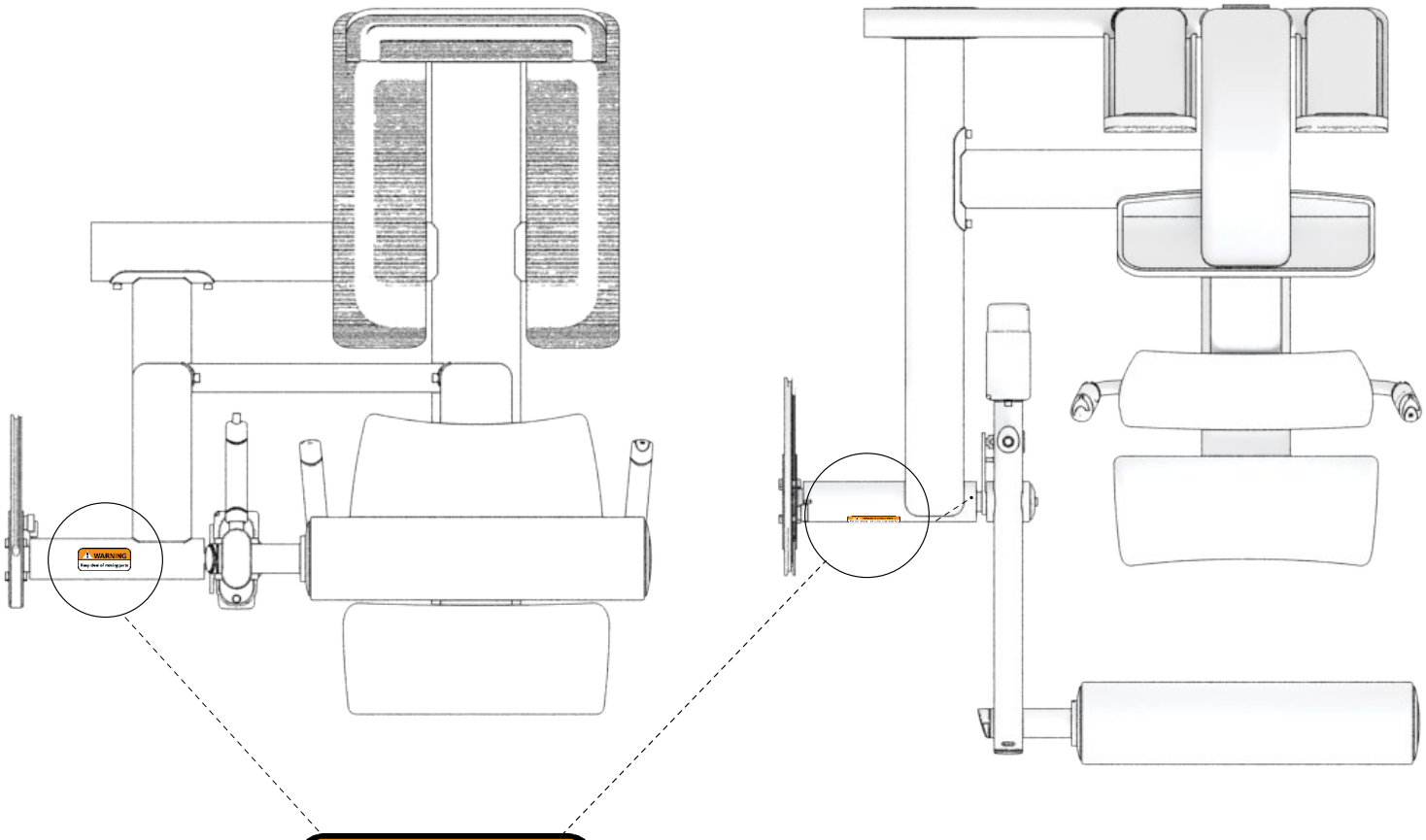
TOOLS REQUIRED FOR ASSEMBLY

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 & Standard Screwdrivers
8MM Open-End Wrench
13MM Open-End Wrench
17MM Open-End Wrench.
19MM Open-End Wrench
Adjustable Wrench



Blue Locktite 242 must be used on all fasteners that are not assembled with Nylock Nuts.

WARNING LABEL LOCATIONS





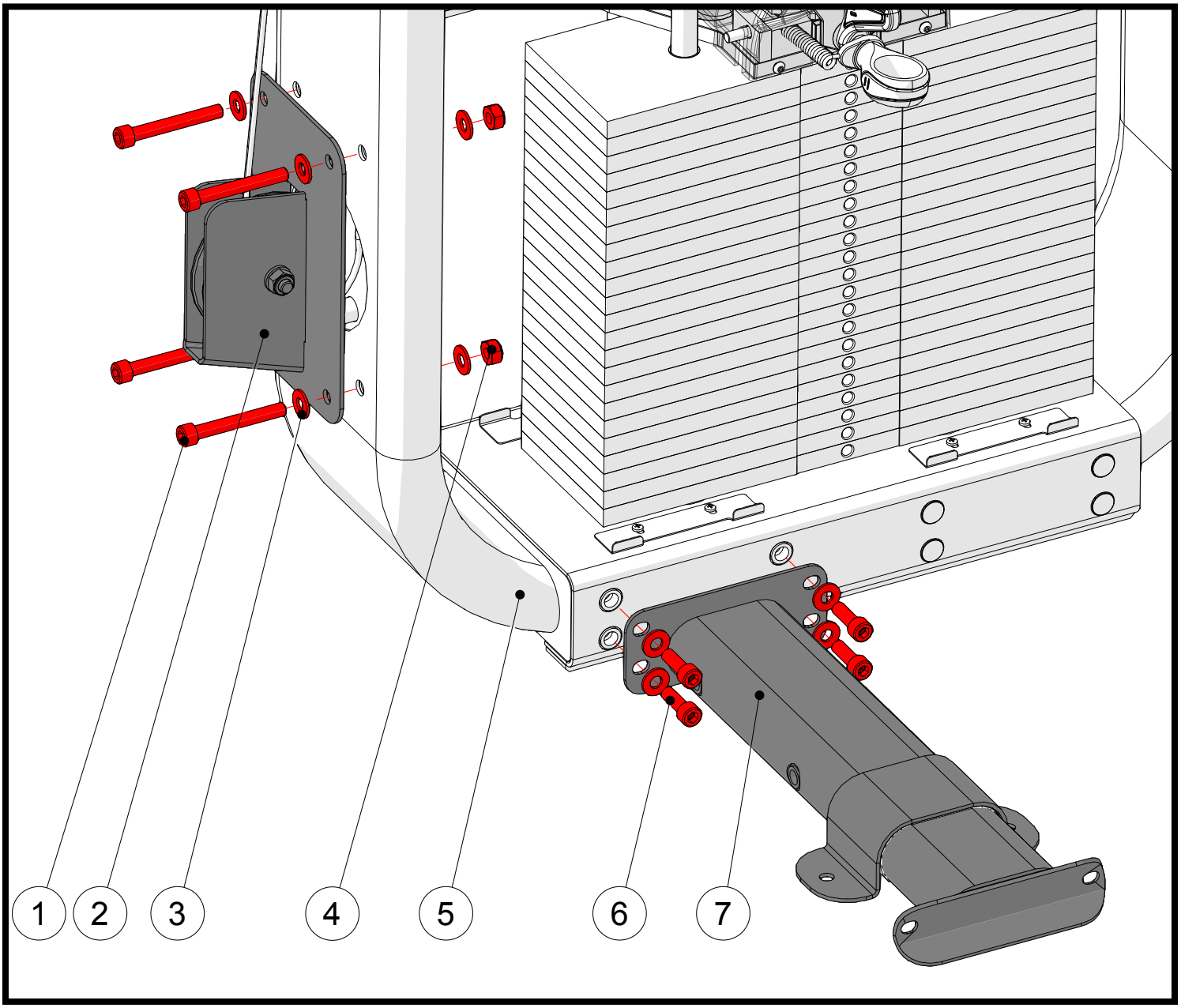
Hazard warning sticker
(faces rearward)

Parts List

ID	DESCRIPTION	QTY
1	M10 X 75L Socket Head Cap Screw	8
2	Pulley Bracket	1
3	M10 Flat Washer	29
4	M10 Nylock Nut	10
5	Weight Stack	1
6	M10 X 30L Socket Head Cap Screw	8
7	Lower Connecting Tube	1
8	Pulley Guard	1
9	Inner Frame	1
10	M10 Saddle Washer	10
11	Wave (Spring) Washer	2
12	CAM	1
13	Washer (45 OD X 30.3 ID)	1
14	Axle/ROM Assembly	1
15	M10 X 25L Socket Head Cap Screw	2
16	Key (10 X 8)	1
17	Exercise Arm	1
18	M10 Flat Washer (42 Diameter)	1
19	Medium Pivot Cap	1
20	M8 X 20L Socket Head Cap Screw	2
21	M8 Flat Washer	2
22	Counter Weight	1
23	Mid Connecting Tube	1
24	User Frame	1
25	M10 X 140L Socket Head Cap Screw	2
26	M10 X 20L Button Head Cap Screw	8
27	Lumbar Back Pad	1
28	Pad	1
29	Left Front Shroud	1
30	Rear Shroud	1
31	Right Front Shroud	1
32	M8 X 60L Socket Head Cap Screw	4
33	Top Cap	1

STEP 1 | WEIGHT STACK INSTRUCTIONS & NOTES

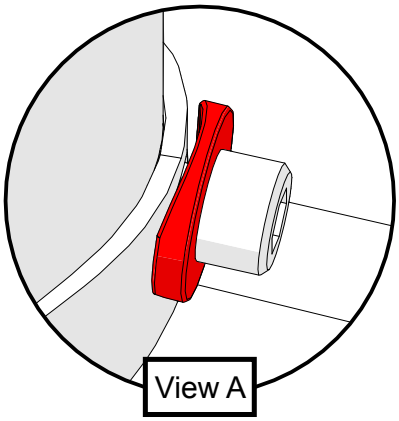
ID	DESCRIPTION	QUANITY
1	M10 X 75L SHC	4
2	Pulley Bracket	1
3	M10 Flat Washer	12
4	M10 Nylock Nut	4
5	Weight Stack	1
6	M10 X 30L SHC	4
7	Lower Connecting Tube	1

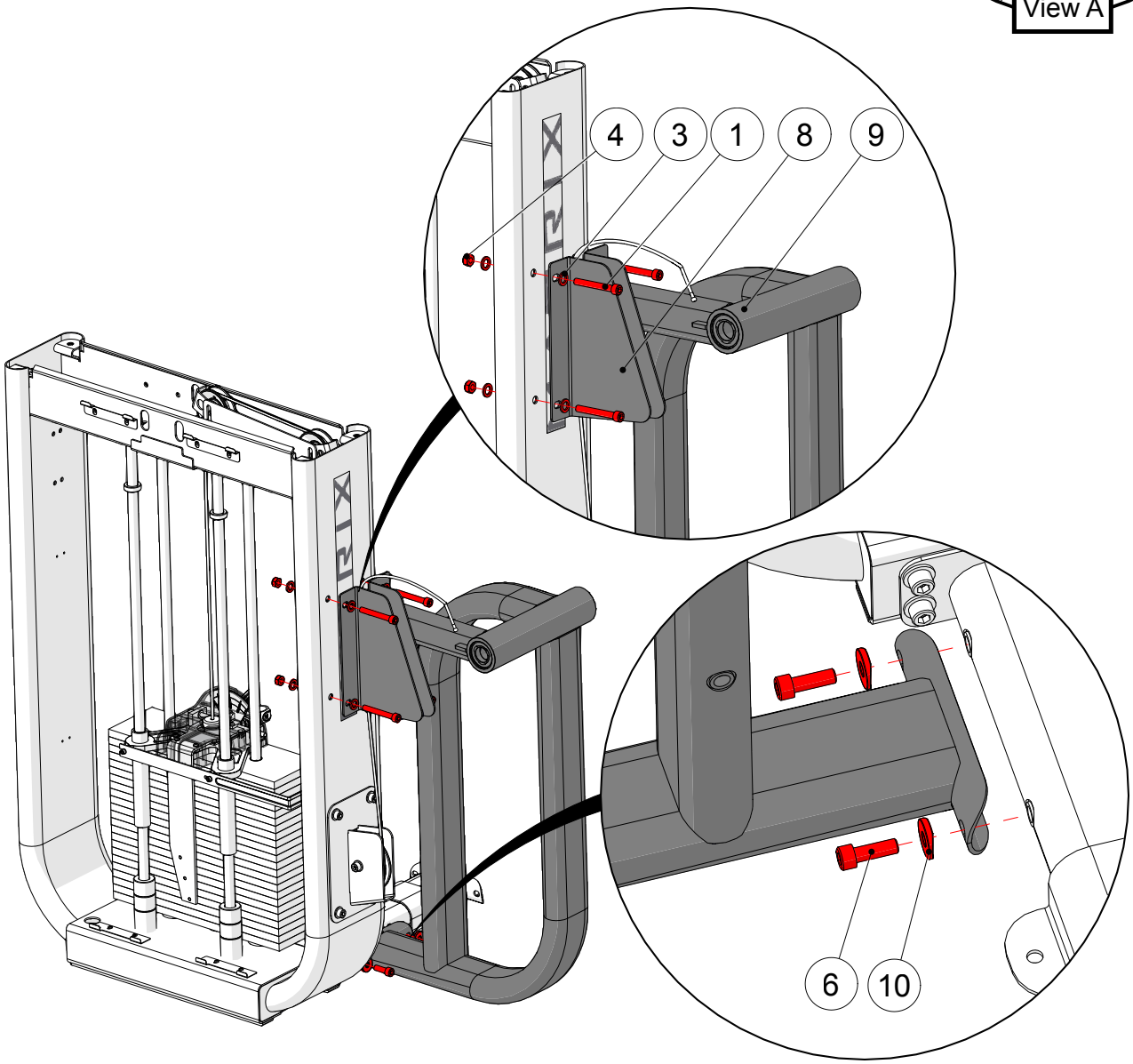


Install the user frame hardware as shown, but DO NOT FULLY TIGHTEN .

STEP 2 | MID FRAME INSTRUCTIONS & NOTES

ID	DESCRIPTION	QUANITY
1	M10 X 75L SHC	4
3	M10 Flat Washer	8
4	M10 Nylock Nut	4
6	M10 X 30L SHC	2
8	Pulley Guard	1
9	Inner Frame	1
10	M10 Saddle Washer	2

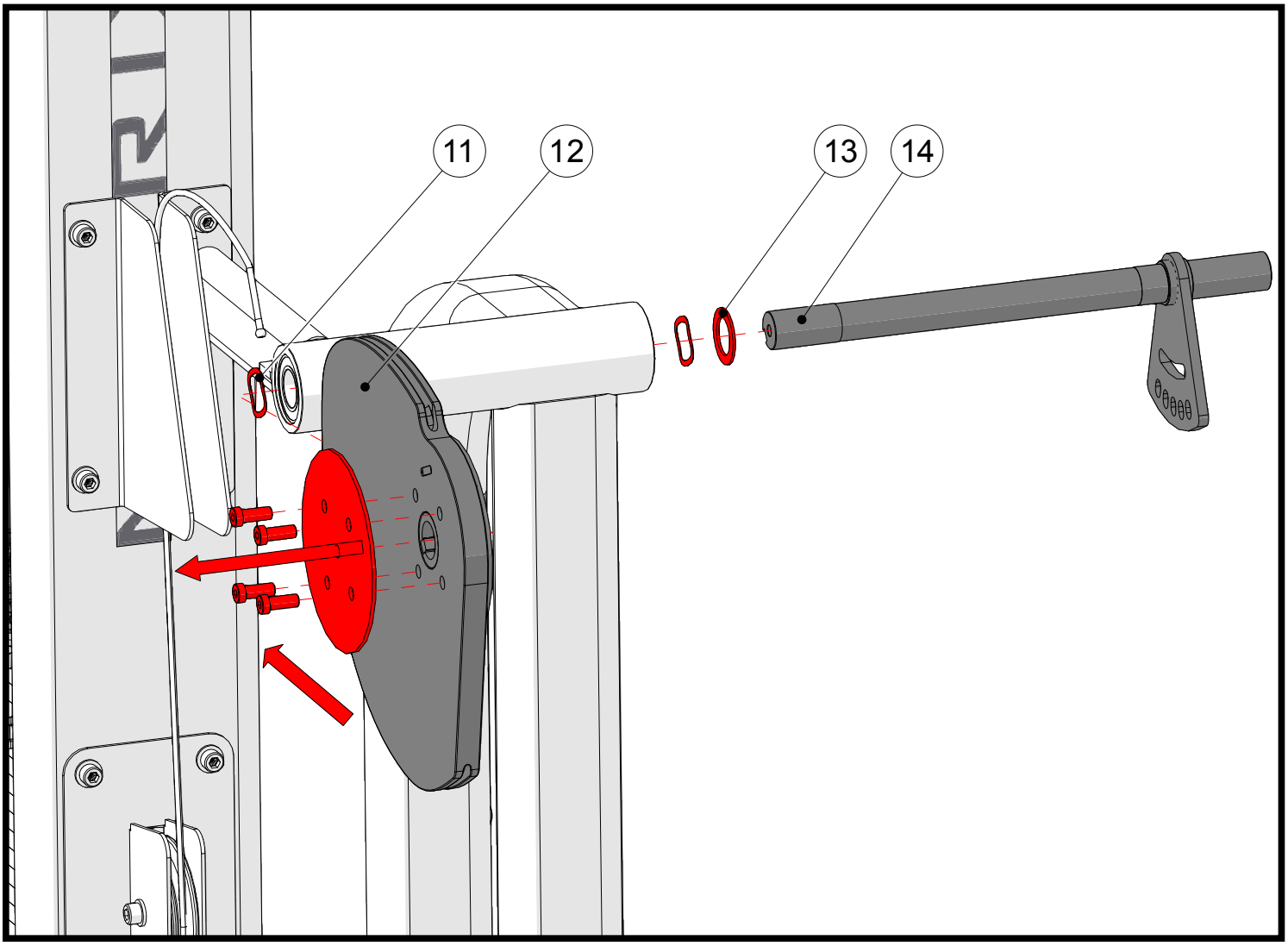




- Ensure that the frame is level and that all floor pads contact the floor equally
- Install the frame hardware as shown, orienting the saddle washers as shown in View A.
- Torque all M10 Frame Hardware on pages 10 & 11 to: 77 N-m/57 ft/lbs.

STEP 1 | CAM & CABLE ASSEMBLY INSTRUCTIONS & NOTES

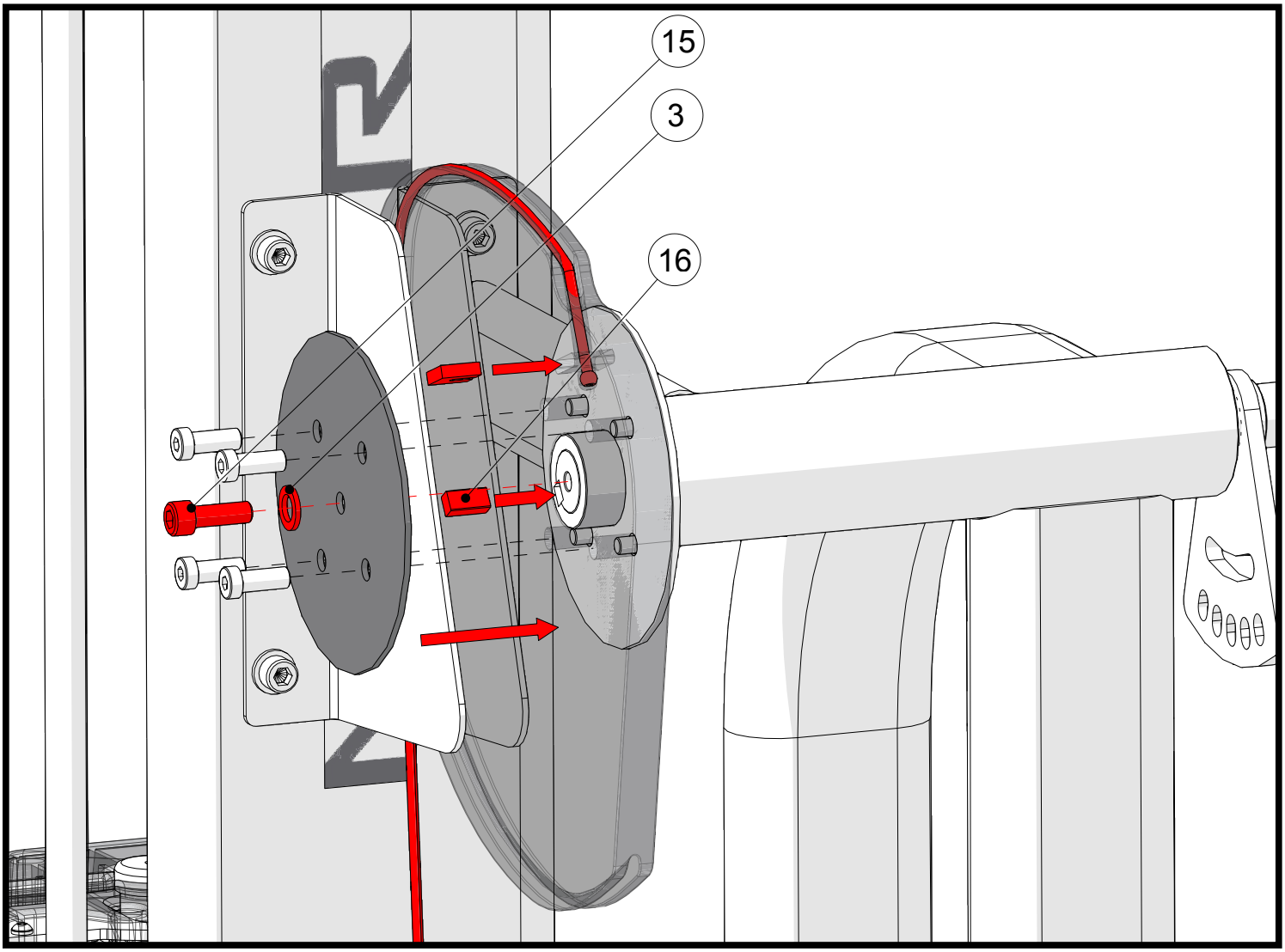
ID	DESCRIPTION	QUANITY
11	Wave (Spring) Washer	2
12	CAM	1
13	Washer (45 mm OD X 30.3 mm ID)	1
14	Axle/ROM Assembly	1



- Remove CAM plate as shown - NOTE: two hex wrenches are required. Set hardware aside to be used later
- Assemble Axle/ROM assembly and CAM; orient CAM as shown
- Assemble cable onto CAM groove

STEP 2 | CAM & CABLE ASSEMBLY INSTRUCTIONS & NOTES

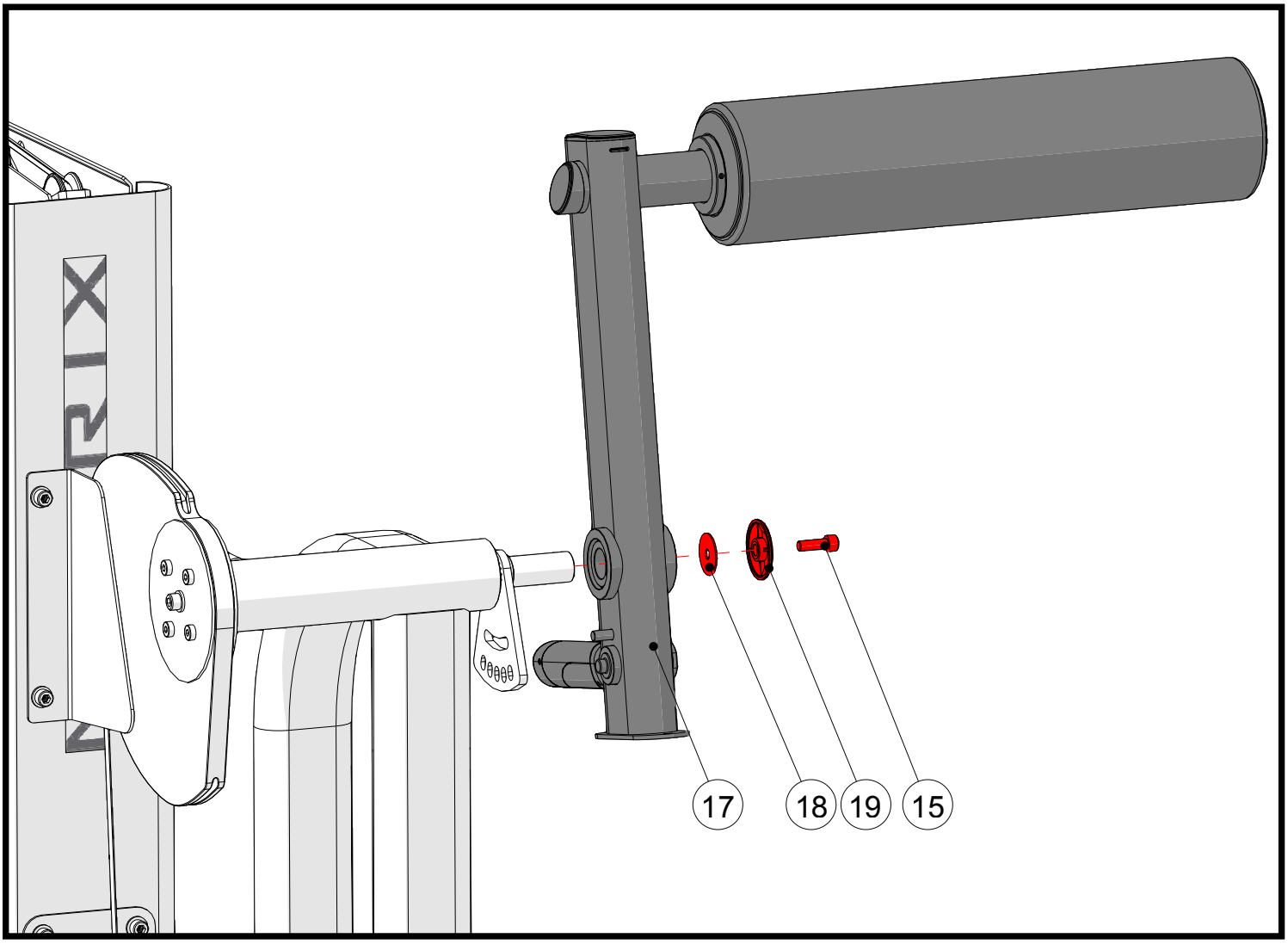
ID	DESCRIPTION	QUANITY
3	M10 Flat Washer	1
15	M10 X 25L SHC	1
16	Key (10 X 8)	1



- Capture cable end with retaining clip
- Assemble Key into Axle/ROM as shown
- Using two hex wrenches, reassemble CAM plate and torque fasteners to: 39 N-m/29 ft-lbs.
- Torque M10 center bolt to: 77 N-m/57ft-lbs.

STEP 3 | ARM ASSEMBLY INSTRUCTIONS & NOTES

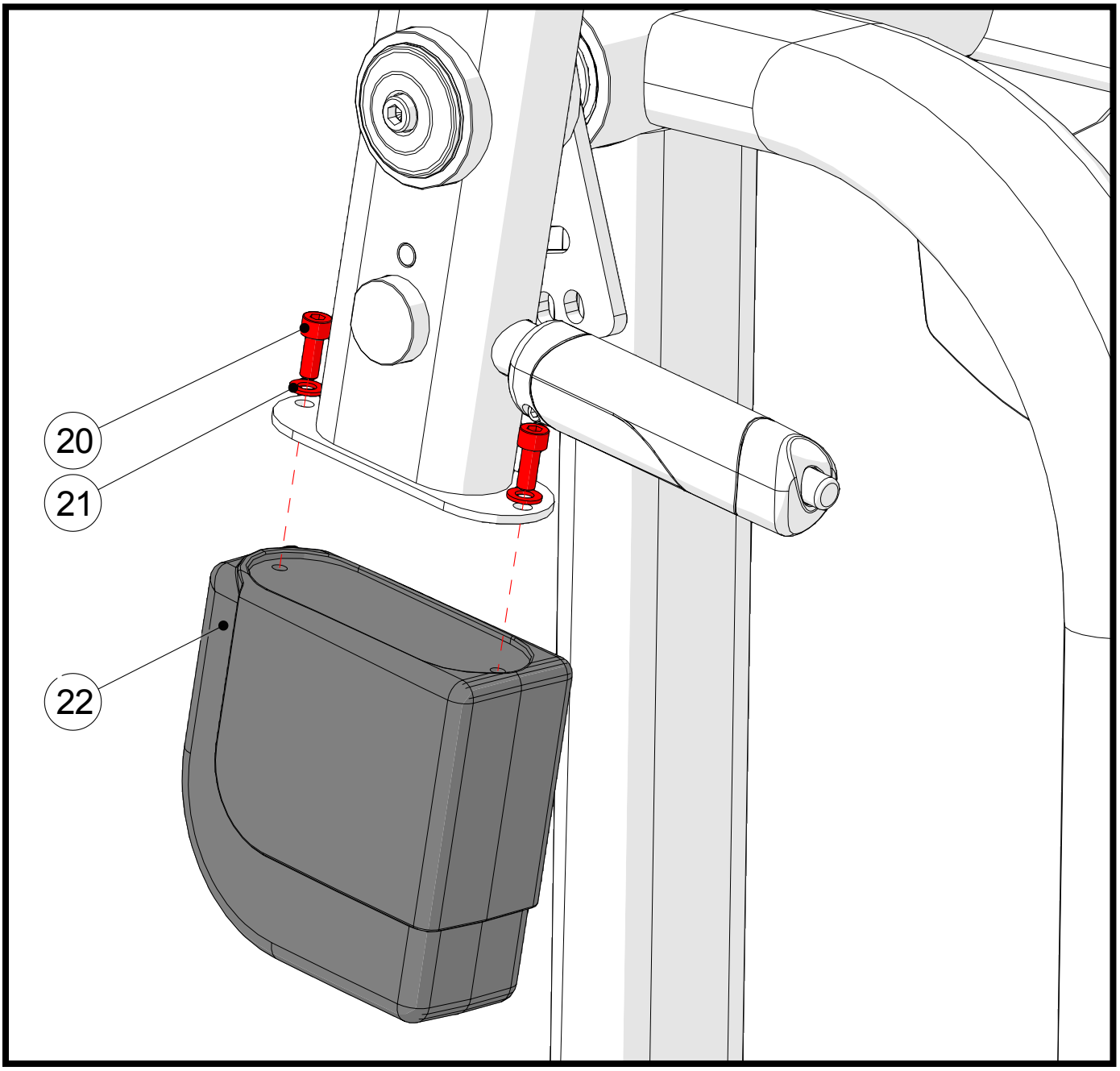
ID	DESCRIPTION	QUANITY
15	M10 x 25L BHC	1
17	Exercise Arm	1
18	M10 Flat Washer (42 mm Diameter)	1
19	Medium Pivot Cap	1



Torque to 77 N-m/57 ft-lbs.

STEP 4 | COUNTER WEIGHT ASSEMBLY INSTRUCTIONS & NOTES

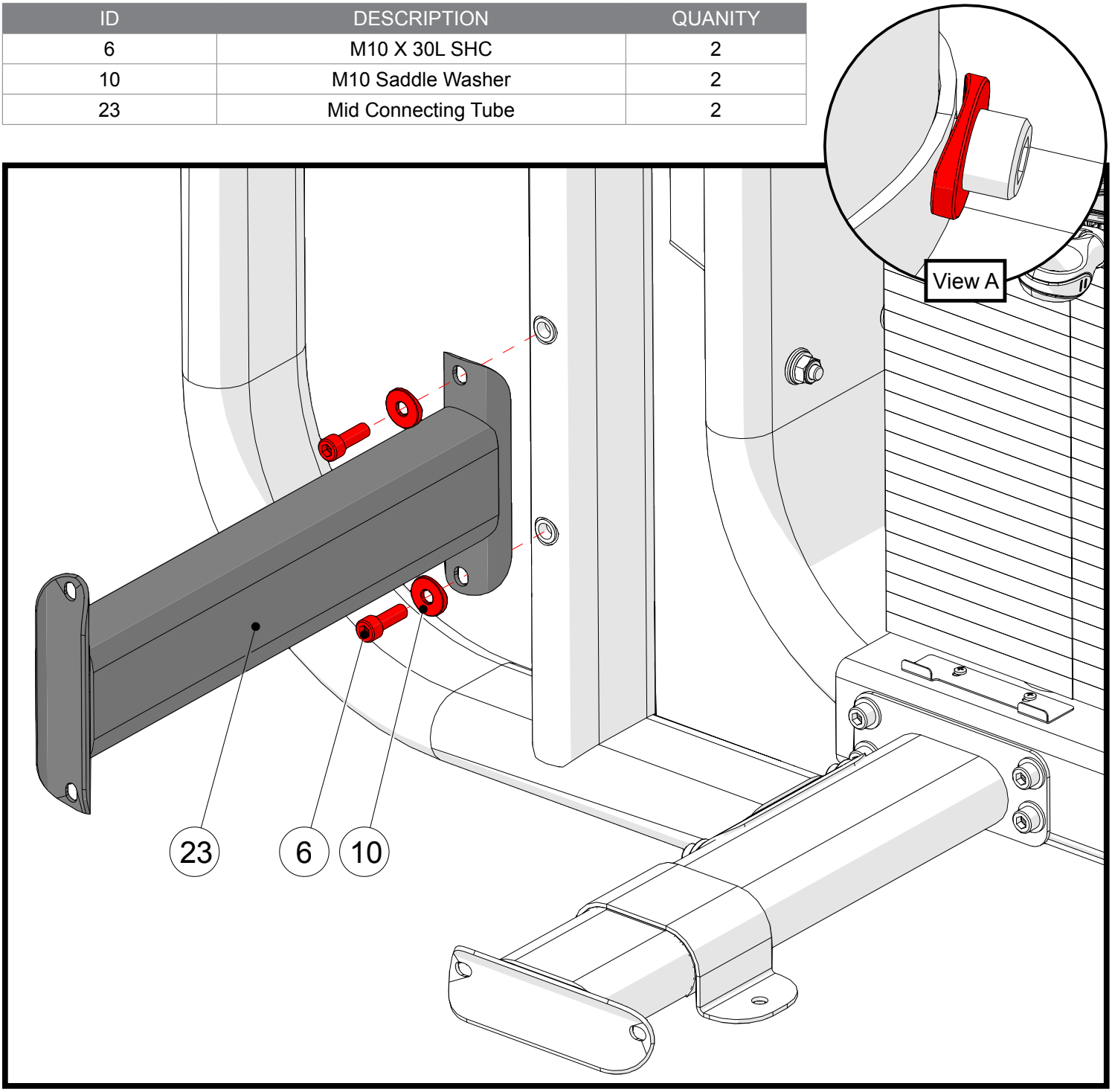
ID	DESCRIPTION	QUANITY
20	M8 X 20L SHC	2
21	M8 Flat Washer	2
22	Counter Weight	1



Torque to 39 N-m/29 ft-lbs.

STEP 1 | MID CONNECTION ASSEMBLY INSTRUCTIONS & NOTES

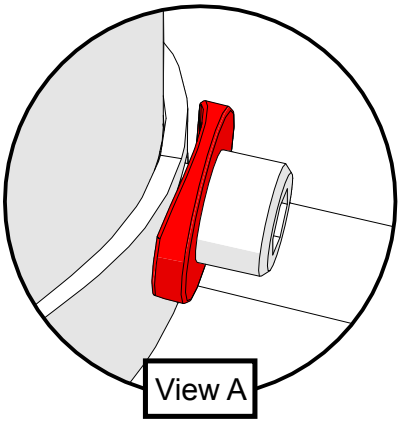
ID	DESCRIPTION	QUANITY
6	M10 X 30L SHC	2
10	M10 Saddle Washer	2
23	Mid Connecting Tube	2

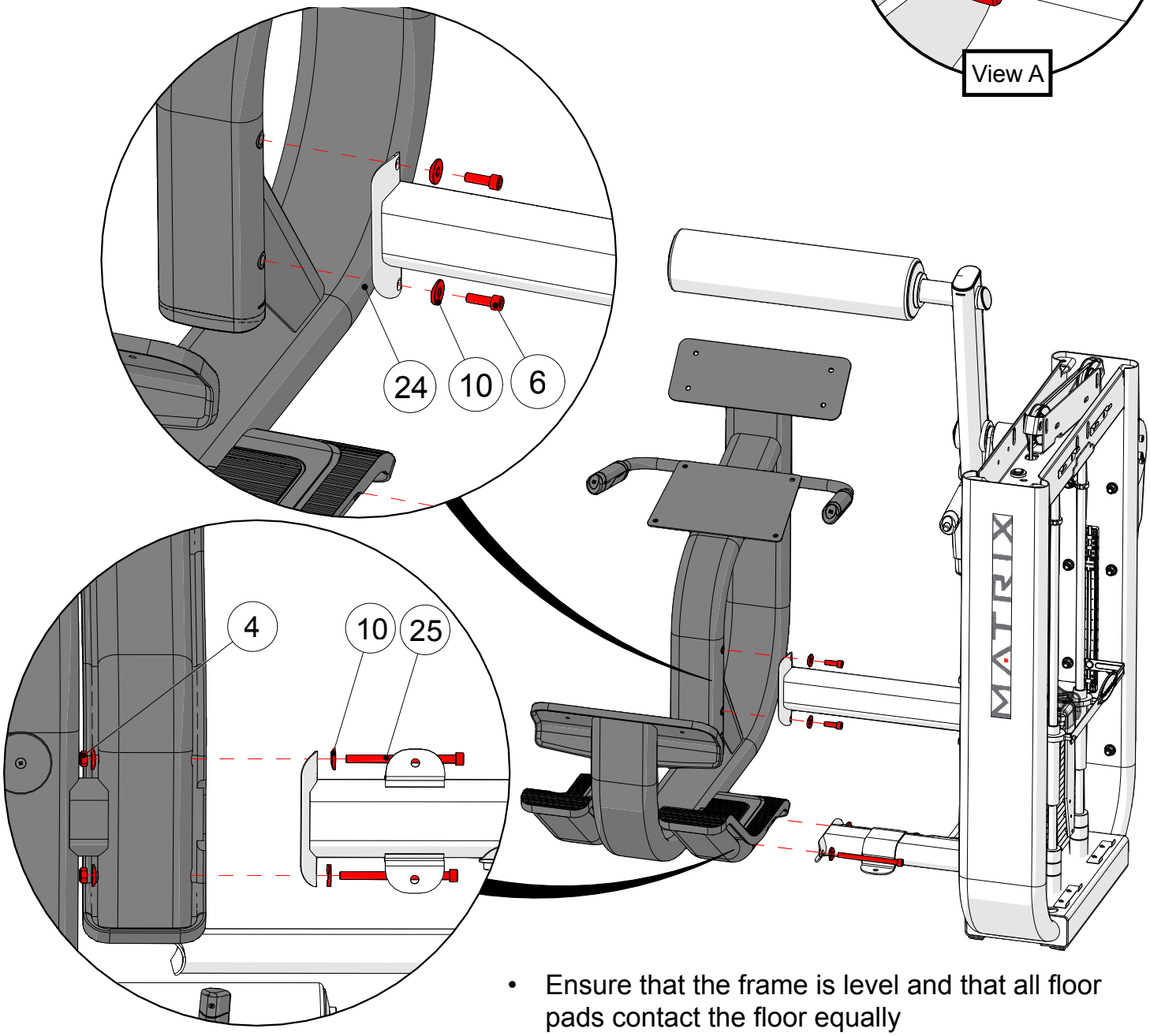


- Install the user frame hardware as shown, being sure to orient the saddle washers as shown in View A.
- Don’t fully tighten hardware

STEP 2 | USER FRAME ASSEMBLY INSTRUCTIONS & NOTES

ID	DESCRIPTION	QUANITY
4	M10 Nylock Nut	2
6	M10 X 30L SHC	2
10	M10 Saddle Washer	6
24	User Frame	1
25	M10 X 140L SHC	2

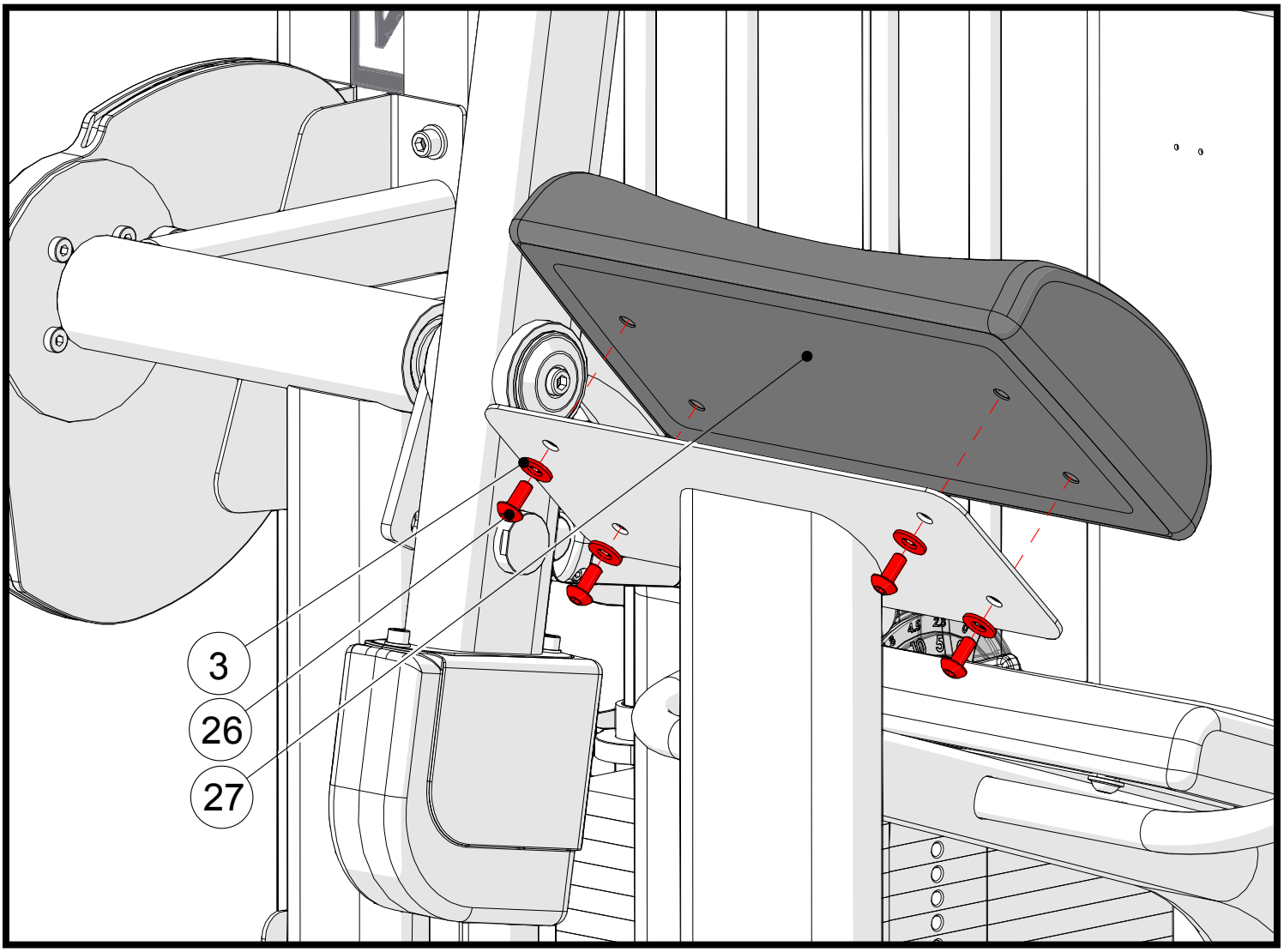




- Ensure that the frame is level and that all floor pads contact the floor equally
- Install the frame hardware as shown, orienting the saddle washers as shown in View A.
- Torque all M10 Frame Hardware on pages 16 & 17 to: 77 N-m/57 ft/lbs.

STEP 1 | BACK PAD ASSEMBLY INSTRUCTIONS & NOTES

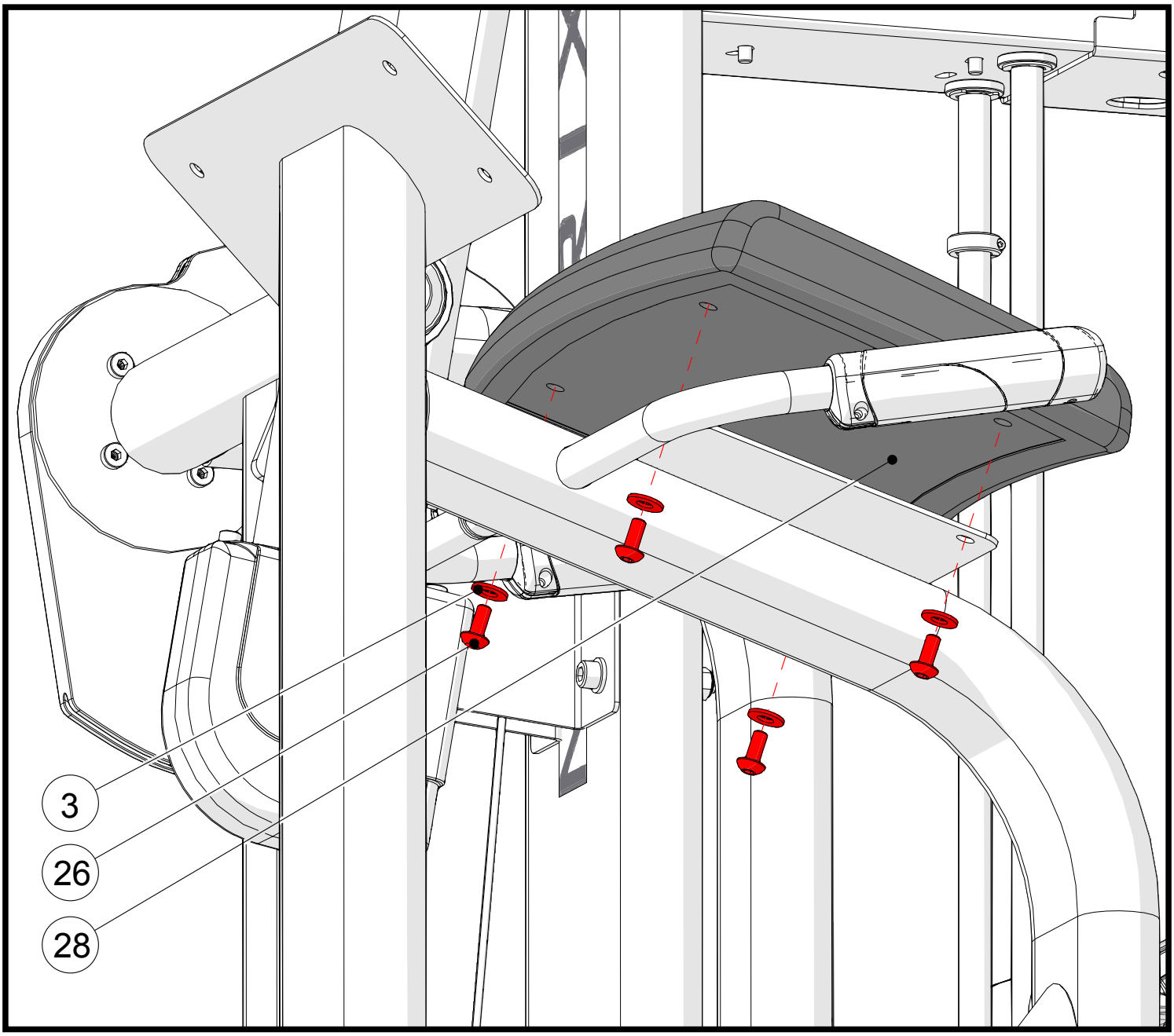
ID	DESCRIPTION	QUANITY
3	M10 Flat Washer	4
26	M10 X 20L BHC	4
27	Lumbar Back Pad	1



Orient the pad as shown.
Tighten to 27 N-m/20 ft-lbs.

STEP 2 | BOTTOM PAD ASSEMBLY INSTRUCTIONS & NOTES

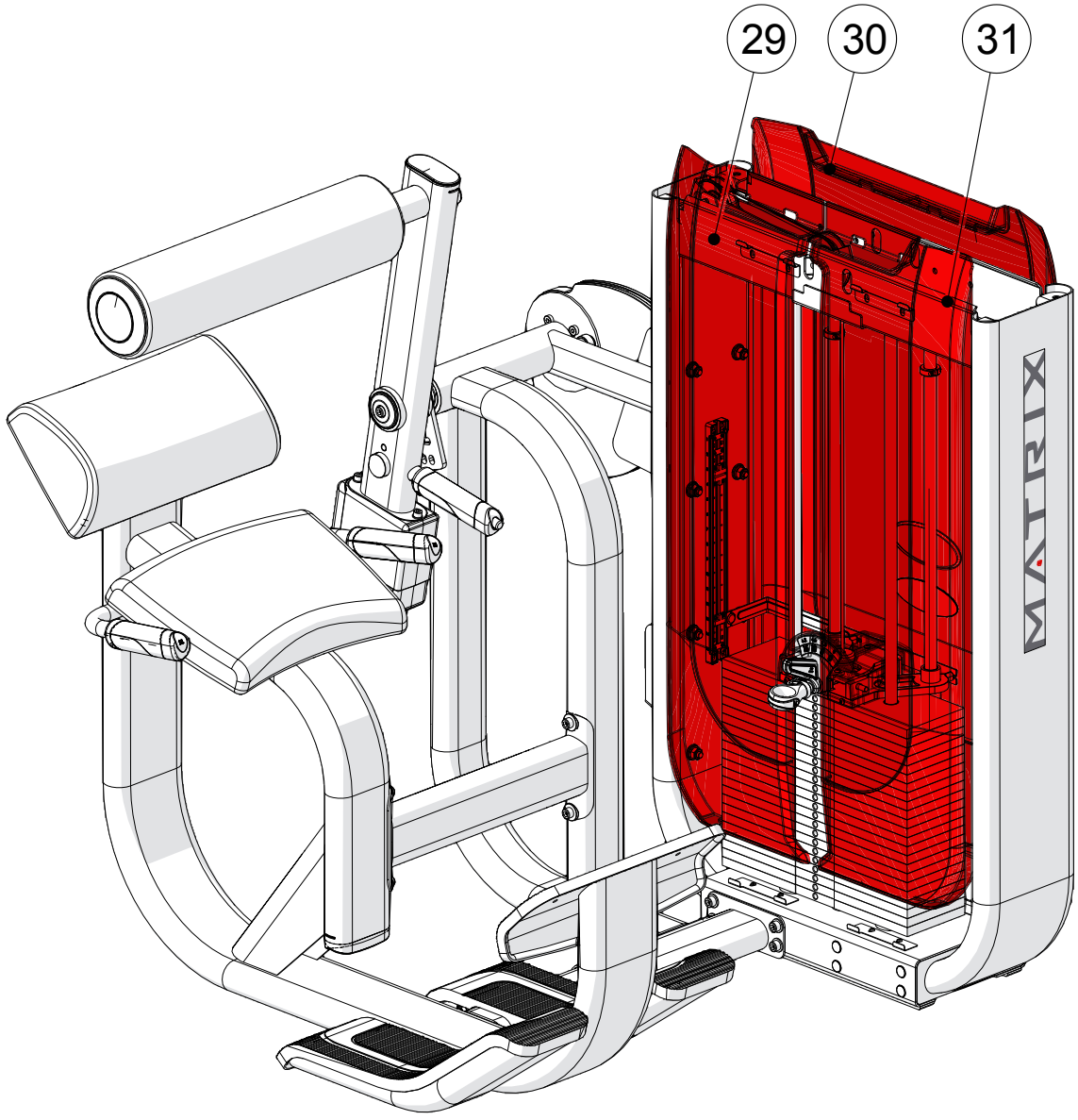
ID	DESCRIPTION	QUANITY
3	M10 Flat Washer	4
26	M10 X 20L BHC	4
28	Pad	1



Install the pad as shown.
Tighten to 27 N-m/20 ft-lbs.

STEP 1 | SHROUD ASSEMBLY ASSEMBLY INSTRUCTIONS & NOTES

ID	DESCRIPTION	QUANITY
29	Left Front Shroud	1
30	Rear Shroud	1
31	Right Front Shroud	1

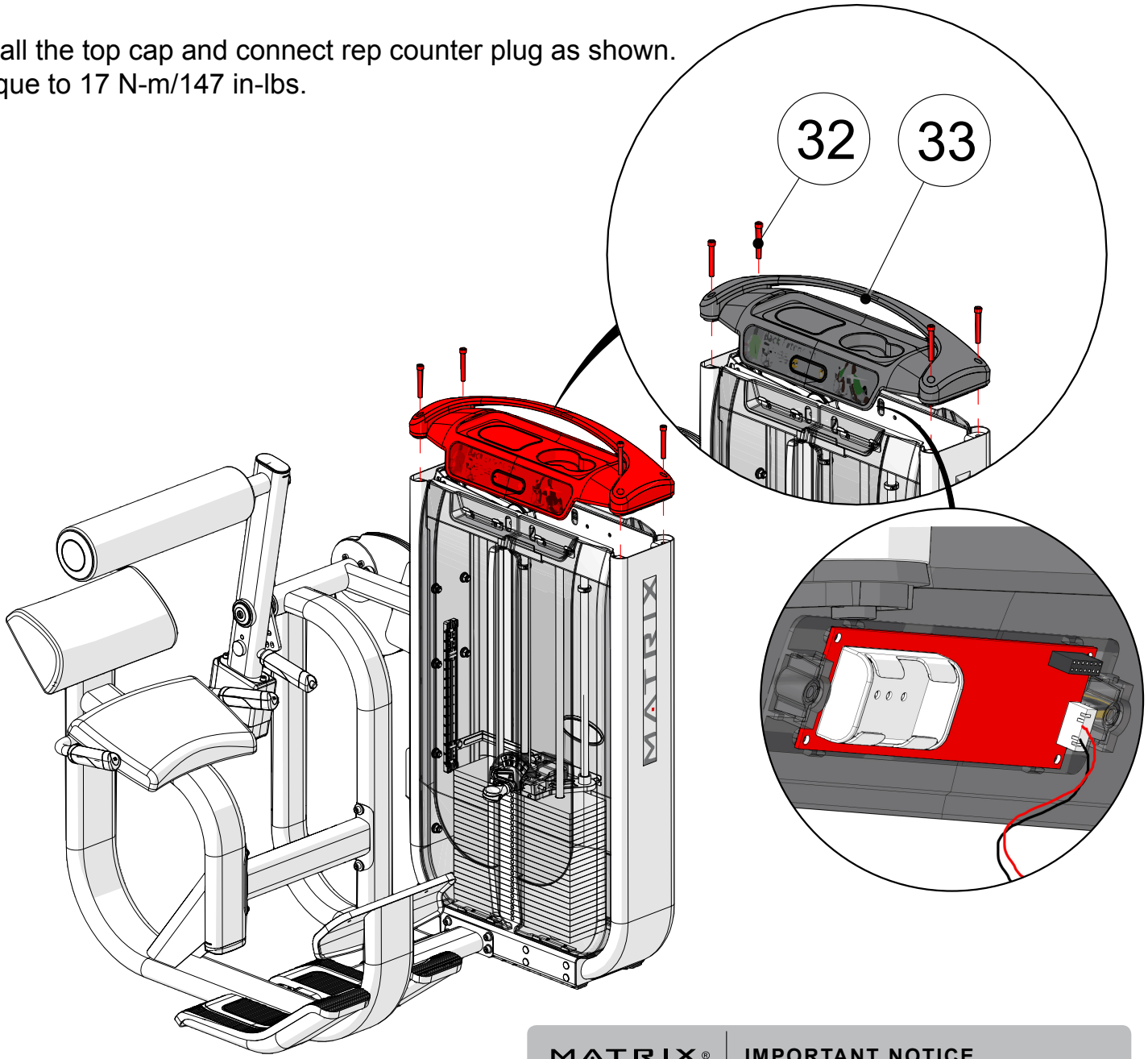


Install the weight stack shrouds as shown.

STEP 2 | TOP CAP ASSEMBLY INSTRUCTIONS & NOTES

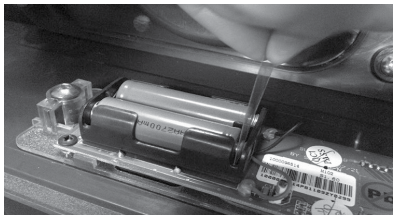
ID	DESCRIPTION	QUANITY
32	M8 X 60L SHC	4
33	Top Cap	1

Install the top cap and connect rep counter plug as shown.
Torque to 17 N-m/147 in-lbs.



Position top cap so Rep Counter faces the user.

MATRIX® | IMPORTANT NOTICE



PLEASE NOTE:

Be sure to remove the insulating sheet when installing the Rep Counter.

MATRIX

Strong • Smart • Beautiful

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