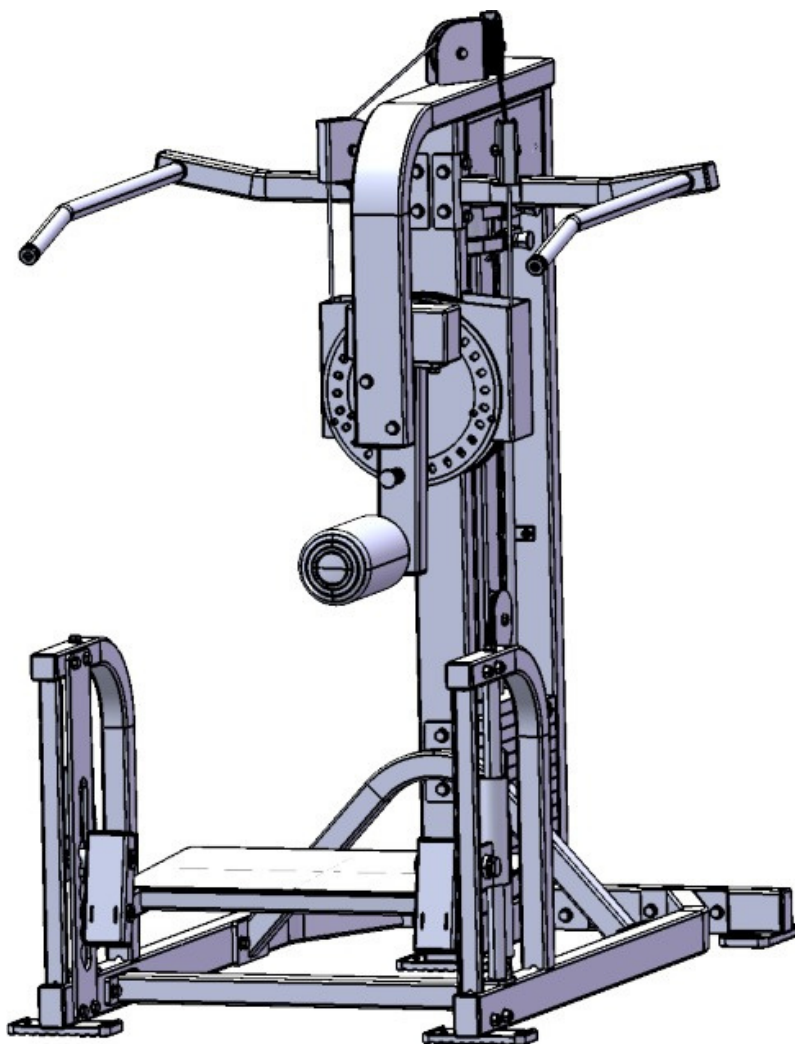


INFINITE SERIES

Multi Hip Glute

Assembly & Owner Guide



BUILT TO PERFORM.

Read before assembly. Keep this guide for future reference.

01 / PREPARE

Before you begin

Set up your space

Assemble indoors on a level, stable surface with clear access around the equipment. Protect the floor and allow enough room to lay out the frame and hardware.

Check every part

Unpack and compare the components with the illustrated lists. Keep hardware grouped by stage. Reference numbers identify parts in the drawings; they may restart at each stage. Quantities are for the corresponding source list and should not be added across stages.

Prepare tools and help

Have metric hex keys and suitable metric wrenches or sockets ready for the listed fasteners. Use sufficient help to support heavy frames and moving assemblies. Keep hands clear of pinch points and never work beneath an unsupported load.

Follow the assembly drawings

Work through the stages in order. Match each numbered callout with its parts list. Confirm orientation before fitting fasteners. A part described as an assembly is supplied as a component; the wording does not instruct you to weld it.

Check connections before use

Use the specified hardware at each joint. Confirm that fasteners are secure and moving parts operate freely. If a part, dimension or connection is unclear, stop and contact Build A Gym before continuing.

ASSEMBLY SUPPORT

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02 / SAFETY

Use and care safely

- Use the equipment indoors in a dry, supervised area. Keep the surrounding floor level and unobstructed.
- Children under 12 must not use this equipment. Provide appropriate supervision and assistance for other users who need it.
- Before each use, inspect moving components, fasteners, pins and attachments. Have loose or damaged parts corrected before use.
- Wear suitable exercise clothing and athletic shoes. Warm up before exercise and use slow, controlled movements.
- Increase resistance gradually. Stop exercising if you feel pain, discomfort or anything unusual, and consult a doctor.
- Consult your doctor before starting an exercise program.
- Keep hands, clothing and other objects clear of moving parts. Make sure adjustment pins and any safety stops are fully engaged.
- Clearly mark the equipment “Out of Use” during servicing or repair. Keep this guide available for future reference.

Your assembly sequence

Stage 1 → Stage 2 → Stage 3 → Final inspection

Use the PDF bookmarks to jump directly to a stage.

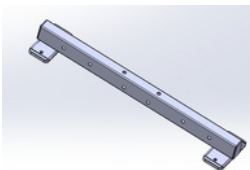
STAGE 1 / PARTS

Identify your components

Match each reference and quantity to the drawing for this stage.

REF 2

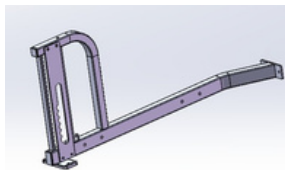
QTY 1



Bottom support assembly

REF 3

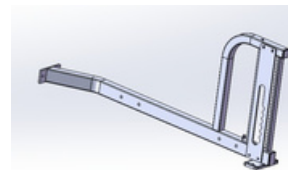
QTY 1



Left side frame assembly

REF 4

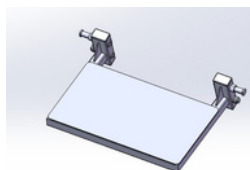
QTY 1



Right side frame assembly

REF 5

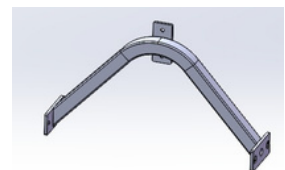
QTY 1



Component — see illustration

REF 9

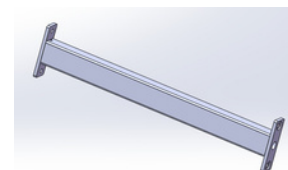
QTY 1



Triangular brace assembly

REF 10

QTY 1



Connection assembly

REF 21

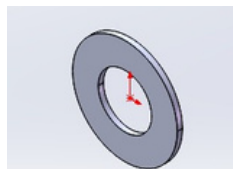
QTY 22



12 mm spring washer

REF 22

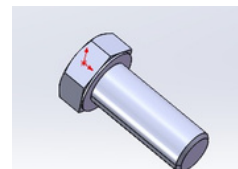
QTY 59



12 mm washer

REF 35

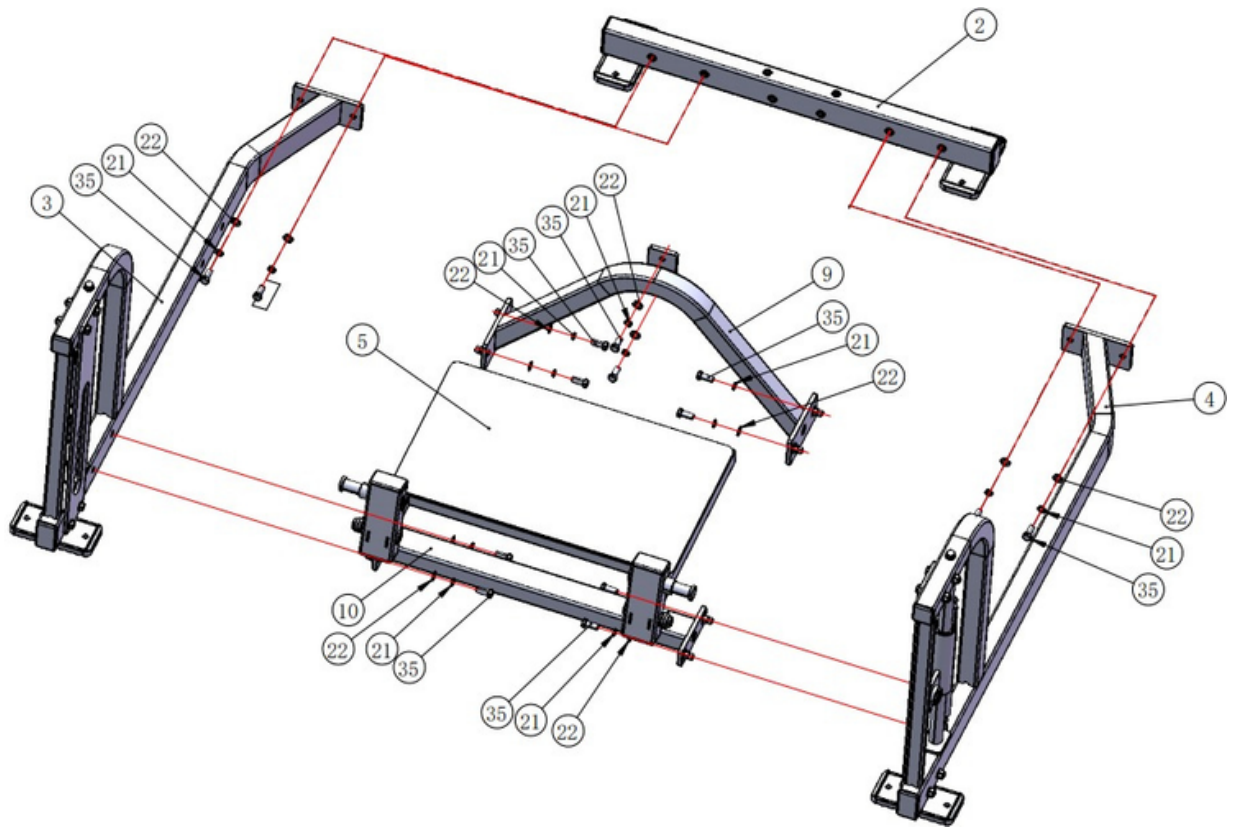
QTY 20



M12 x 30 Hex-head screw

STAGE 1 / DRAWING 1 OF 1

Assembly stage 1



Match the numbered callouts to the Stage 1 parts list. Position the components as shown and use the listed hardware at each connection.

Stage 1: Assemble the Platform Base

Use Stage 1 references. Keep the platform supported until both sides are secured.

1. Join the side frames and rear support

Position left frame 3 and right frame 4 on a protected level floor with bottom support 2 between their rear ends. Fit M12 × 30 bolts 35, spring washers 21 and washers 22 at the shown connections. Keep both side frames supported during alignment.

2. Fit the triangular brace

Position brace 9 across the rear frame mounts in the depicted orientation. Fit M12 × 30 bolts 35 with spring washers 21 and washers 22 at each marked flange. Align the base so all feet rest evenly.

3. Install the platform assembly

Support platform 5 between the front side-frame mechanisms and fit connecting member 10 with the same listed M12 hardware at its marked joints. Retain the supplied platform pivot and adjustment components. Their internal details are not separately listed, so confirm any loose or unmatched components before stepping on the platform.

4. Check the platform adjustment

With the platform supported, check that its height mechanism moves freely, remains retained at both sides and locks at the intended settings. Secure the base joints after alignment. Do not use an uncertain adjustment or locking mechanism.

Check before continuing

Base, brace, platform pivots and platform lock are secure.

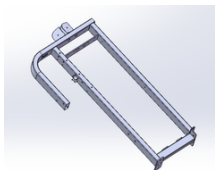
STAGE 2 / PARTS

Identify your components

Match each reference and quantity to the drawing for this stage.

REF 1

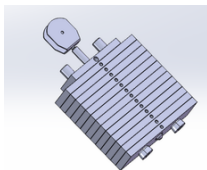
QTY 1



Small door assembly

REF 2

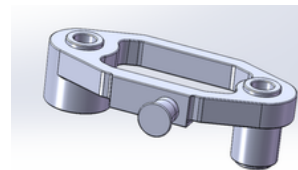
QTY 1



Weight stack assembly

REF 3

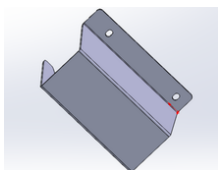
QTY 2



Secondary counterweight

REF 6

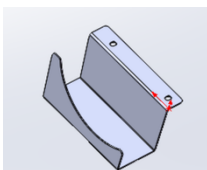
QTY 1



Protective board on right

REF 7

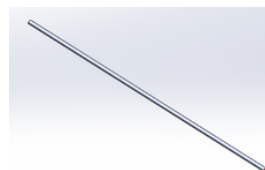
QTY 1



Left protective board

REF 9

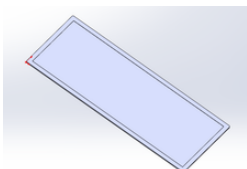
QTY 2



Weight-stack guide rod

REF 12

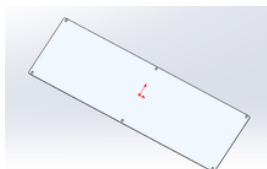
QTY 2



Right angle small protective plate

REF 14

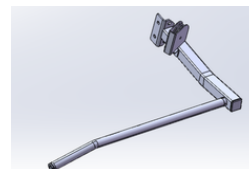
QTY 1



Rear weight-stack guard

REF 31

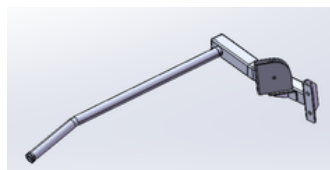
QTY 1



Handrail assembly

REF 32

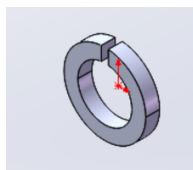
QTY 1



Handrail assembly

REF 37

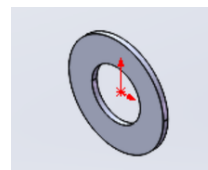
QTY 11



8 mm spring washer

REF 40

QTY 59



12 mm washer

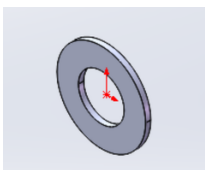
STAGE 2 / PARTS

Identify your components

Match each reference and quantity to the drawing for this stage.

REF 43

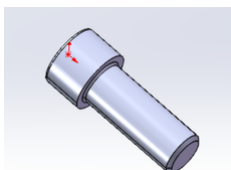
QTY 17



10 mm washer

REF 46

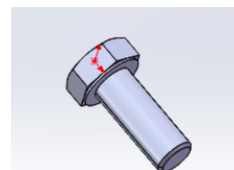
QTY 6



M8 x 20 Socket-head screw

REF 49

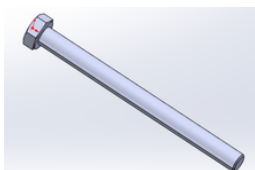
QTY 2



M10 x 25 Hex-head screw

REF 52

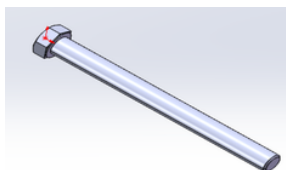
QTY 2



M10 x 120 Hex-head screw

REF 54

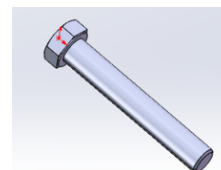
QTY 2



M12 x 130 Hex-head screw

REF 55

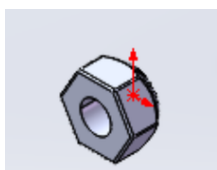
QTY 12



M12 x 75 Hex-head screw

REF 63

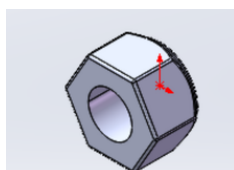
QTY 7



M10 nut

REF 64

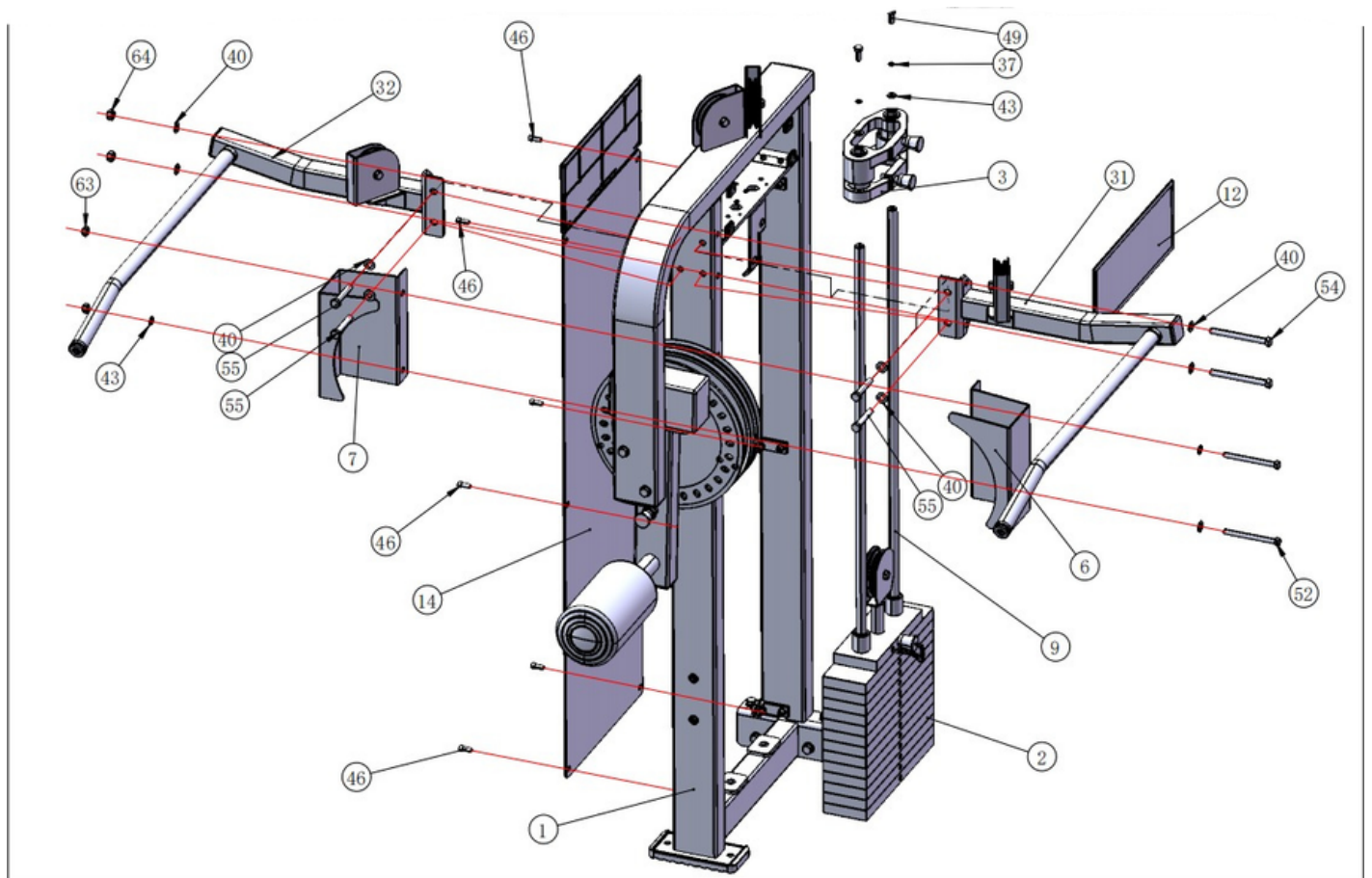
QTY 18



M12 nut

STAGE 2 / DRAWING 1 OF 1

Assembly stage 2



Match the numbered callouts to the Stage 2 parts list. Position the components as shown and use the listed hardware at each connection.

Stage 2: Fit the Tower and Handrails

Use Stage 2 references and resolve the guide-washer conflict before loading the stack.

5. Position the tower and weight stack

Support tower 1 at the base mounting points. Fit guide rods 9 and stack assembly 2 with its supplied buffers, selector and retainers in the shown orientation. The source does not list their individual parts or lower retention; confirm those details before assembling a dismantled stack.

6. Resolve the upper-guide washer mismatch

Fit auxiliary weights 3 at the upper guide ends. The drawing pairs M10 × 25 bolts 49 with washer 43 and spring washer 37, but the list describes 37 as 8 mm. Confirm a correctly sized spring washer before securing either guide; do not force an undersized washer onto the bolt.

7. Fit the handrails and side panels

Position handrails 31 and 32, side boards 6 and 7 and small plates 12 as shown. Use M12 × 75 bolts 55 and the separately called-out longer bolts 54 with washers 40 and M12 nuts 64. The length of bolt 54 is printed as M12 × 13 0; confirm its actual length before installation.

8. Complete the smaller rail connections

Fit M10 × 120 bolts 52 with washers 43 and M10 nuts 63 at their separate shown connections. Fit M8 × 20 screws 46 at the panel mounts. Confirm both handrails are secure and the roller arm, cam and adjustment pin move without contacting the guards.

9. Join the tower and finish the guard mounts

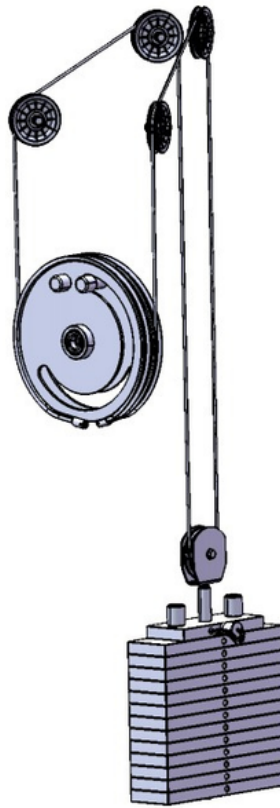
Align and secure the tower to the Stage 1 base using the supplied matching hardware; this joint is not separately detailed in the source. Prepare rear guard 14 with screws 46 and leave cable access open. Confirm the roller-arm pivot and range lock, whose internal details are also omitted.

Check before continuing

Tower, stack, handrails, roller-arm retention and adjustment locks are confirmed.

STAGE 3 / DRAWING 1 OF 1

Assembly stage 3



Trace the cam, upper guide pulleys and stack-mounted pulley using the following steps.
Confirm every cable endpoint and retainer before applying tension.

Stage 3: Connect the Cable and Test

Do not exercise until the platform and arm locks and the full cable circuit are verified.

10. Identify the cable circuit

Keep the stack down and support the roller arm. Identify the cam, upper guide pulleys and stack-mounted pulley shown in the schematic. Confirm cable lengths, cam attachment, any fixed endpoint and terminal retention against the actual assembly; the drawing does not specify them.

11. Trace the cam and stack-pulley runs

Follow the cable around the cam and upper guide pulleys, then through the illustrated stack-mounted pulley circuit. Match each groove and endpoint to the supplied machine. Confirm the stack pulley is securely attached and cannot twist or contact the frame through its full travel.

12. Secure cables, guards and frame joints

Verify every cable end, pulley axle and retainer. Keep the cable seated and untwisted with the stack resting fully down. Fit the remaining guards and recheck all structural connections. Obtain torque and floor-fixing requirements from Build A Gym.

13. Test at the lowest resistance

Set and lock the platform height and roller-arm start position, then select the lowest stack load. Move the roller arm slowly through each intended exercise direction and return it under control. Confirm the locks hold, the stack returns fully and the cable stays seated without slack or rubbing.

Check before continuing

Platform, handrails, roller arm, range lock, cable and stack pass inspection.

FINAL CHECK

Ready for the first use?

☐ **Frame and hardware**

Confirm that the frame is stable, all required hardware is installed and all connections are secure.

☐ **Adjustments and safeties**

Check that adjustment pins, locking mechanisms and any safety stops engage fully. Verify that pads and handles are secure.

☐ **Moving parts**

Carefully check the full range of movement. Confirm that moving assemblies clear the frame and guards without binding.

☐ **Product-specific inspection**

Verify platform retention and height lock, both handrails and the roller-arm range lock. Resolve the guide-washer mismatch and check cable travel and full stack return.

☐ **Keep the equipment ready**

Inspect before every use. Wipe contact surfaces dry after use. Have a qualified technician address damaged parts, unusual movement or noise before further exercise.

Need help with assembly?

Contact Build A Gym with your product name, assembly stage, part reference and a clear photo of the issue.

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