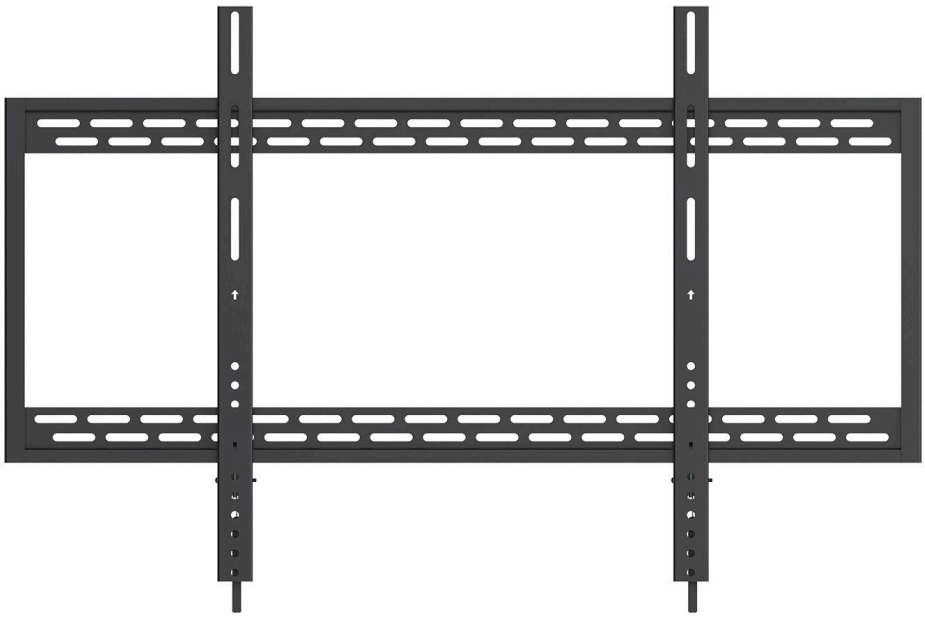
QUALGEAR

TV MOUNTS

INSTALLATION MANUAL · FIXED TV WALL MOUNT

Heavy-duty fixed TV wall mount for most 60 to 100 in flat-screen TVs and monitors.

QG-TM-090-BLK



Low-profile wall plate with pull-strap latches

BLACK

VESA PATTERNS (MM)	200 × 200 · 300 × 300 · 400 × 200 · 400 × 400 · 600 × 400 · 800 × 400 · 800 × 600 · 900 × 600

MAXIMUM RATED LOAD

220 lb / 100 kg

⚠ **Caution.** Do not exceed the maximum rated load. Overloading can cause serious injury or property damage.

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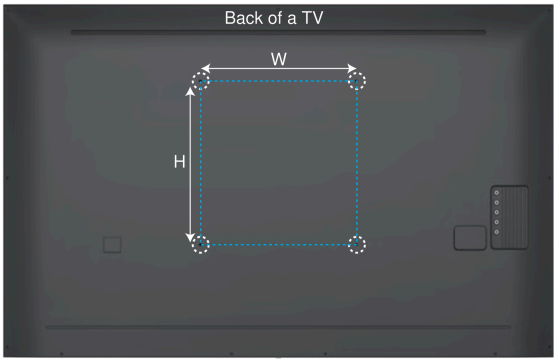
TV compatibility

FIRST, CHECK WEIGHT

Your TV or monitor weighs 220 lb / 100 kg or less.

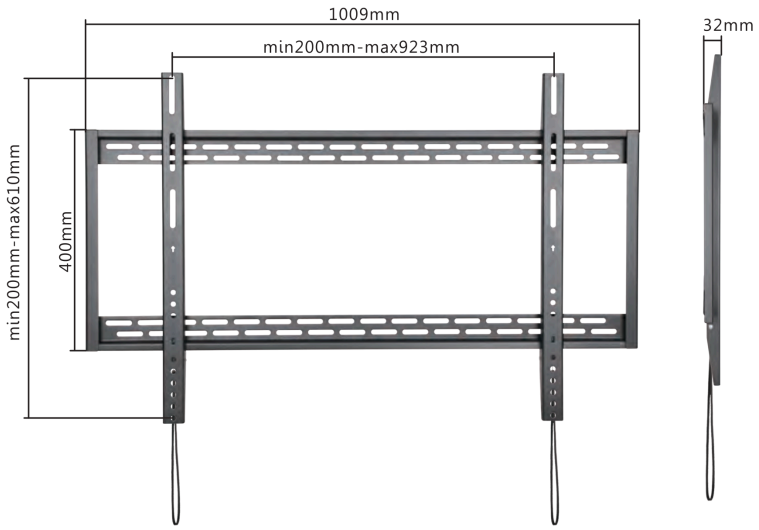
NEXT, CHECK VESA

Your TV or monitor's VESA mounting-hole pattern is in the list below.



W × H is the mounting-hole pattern on the back of the TV.

SUPPORTED VESA (MM) 200 × 200 · 300 × 300 · 400 × 200 · 400 × 400 · 600 × 400 · 800 × 400 · 800 × 600 · 900 × 600



Dimensions in millimeters. Wall plate 1009 mm wide and 32 mm deep; adapter brackets 200–923 mm apart.

Contact us. If you have installation questions or need replacement parts, email support@qualgear.com or call +1 (972) 423-5015.

Before you begin

Note. Read this entire manual before you start installation and assembly.

⚠ Warning

- Do not begin to install your QualGear product until you have read and understood all instructions and warnings in this manual. If you have questions, email QualGear customer support at support@qualgear.com.
- This product should be installed only by someone with good mechanical aptitude and basic building construction experience who fully understands these instructions.
- This product is designed to be installed and used only as described in this manual. Improper installation can cause damage or serious injury. QualGear is not liable for improper use or installation of its products.
- Make sure the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Always use an assistant or mechanical lifting equipment to lift and position the equipment safely.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the parts and greatly reduce their holding power.
- All QualGear products are for indoor use only. Outdoor use voids the limited warranty.
- This QualGear product is designed for residential use only. Commercial use voids the warranty.
- When mounting to wood studs, make sure the mounting screws are anchored into the center of the studs. An edge-to-edge stud finder is highly recommended.
- Never exceed the maximum rated load specified in this manual: 220 lb / 100 kg.
- Use all bolts and screws at the designated points shown in these instructions to prevent property damage and personal injury.
- Do not install near air-conditioner vents or where there is excessive dust or smoke.
- When drilling holes in the wall, take care to avoid electrical cables and water or gas pipes in the wall.

Approved wall construction

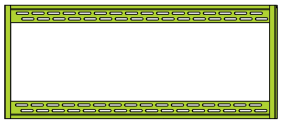
WALL CONSTRUCTION	HARDWARE REQUIRED
Wood stud	Included
Wood beam	Included
Solid concrete	Included
Brick	Included
Other	Contact a qualified professional

Parts checklist

⚠ **Important.** Before you start, make sure every part listed below is included. If any part is missing or damaged, contact your local distributor or email support@qualgear.com for replacements. Do not begin assembly and installation until you have all the parts.

Main parts

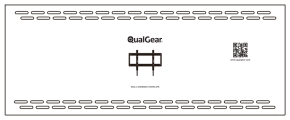
ILLUSTRATIONS NOT TO SCALE



Wall plate
A · ×1



Adapter brackets
B · ×2



Marking template
C · ×1



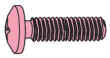
Bubble level
D · ×1

TV hardware

USE ONLY WHAT FITS YOUR TV



M4 × 14 mm screws
M-A · ×4



M5 × 14 mm screws
M-B · ×4



M6 × 14 mm screws
M-C · ×4



M8 × 20 mm screws
M-D · ×4



M6 × 30 mm screws
M-E · ×4



M8 × 50 mm screws
M-F · ×4



5.5 / 8.5 mm washers
M-G · ×4

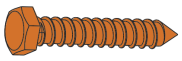


5 mm small spacers
M-H · ×8

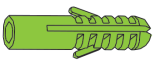


15 mm large spacers
M-I · ×8

Wall hardware



ST8 × 90 mm lag bolts
W-A · ×6



12 × 60 mm concrete anchors
W-B · ×6



D8 washers
W-C · ×6

STEP 1 · MOUNT THE WALL PLATE

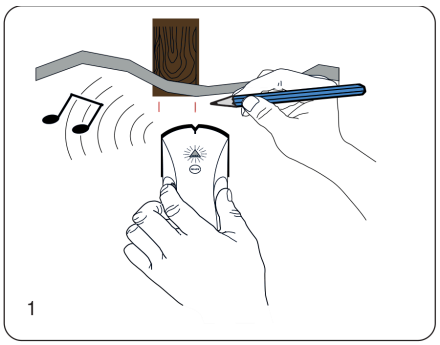
Mount to a wood stud wall

1a

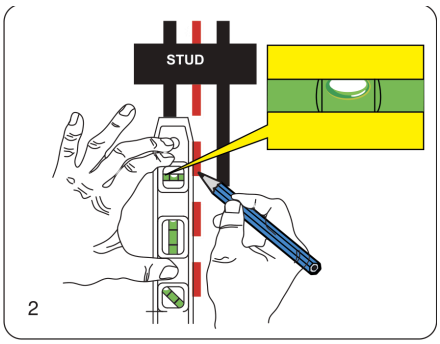
Note. For a concrete or brick wall, follow step 1b on page 07.



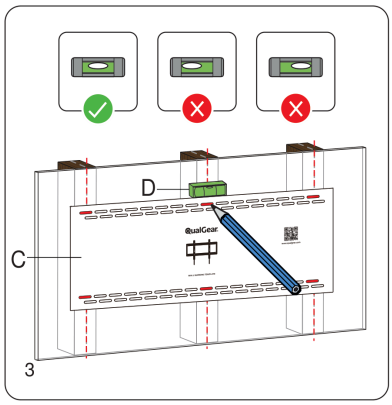
Stud finder · Pencil · Power drill · 1/4 in drill bit · Socket wrench



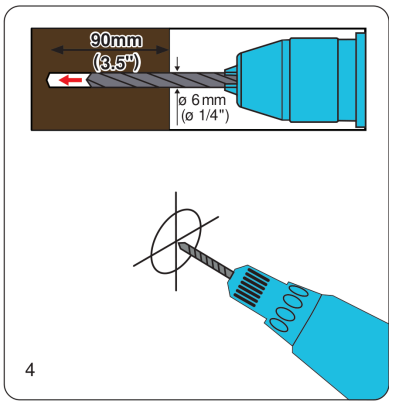
1a.1 Using an edge-to-edge stud finder, find the edges of the stud.



1a.2 Using a level, mark the centerline of the stud.

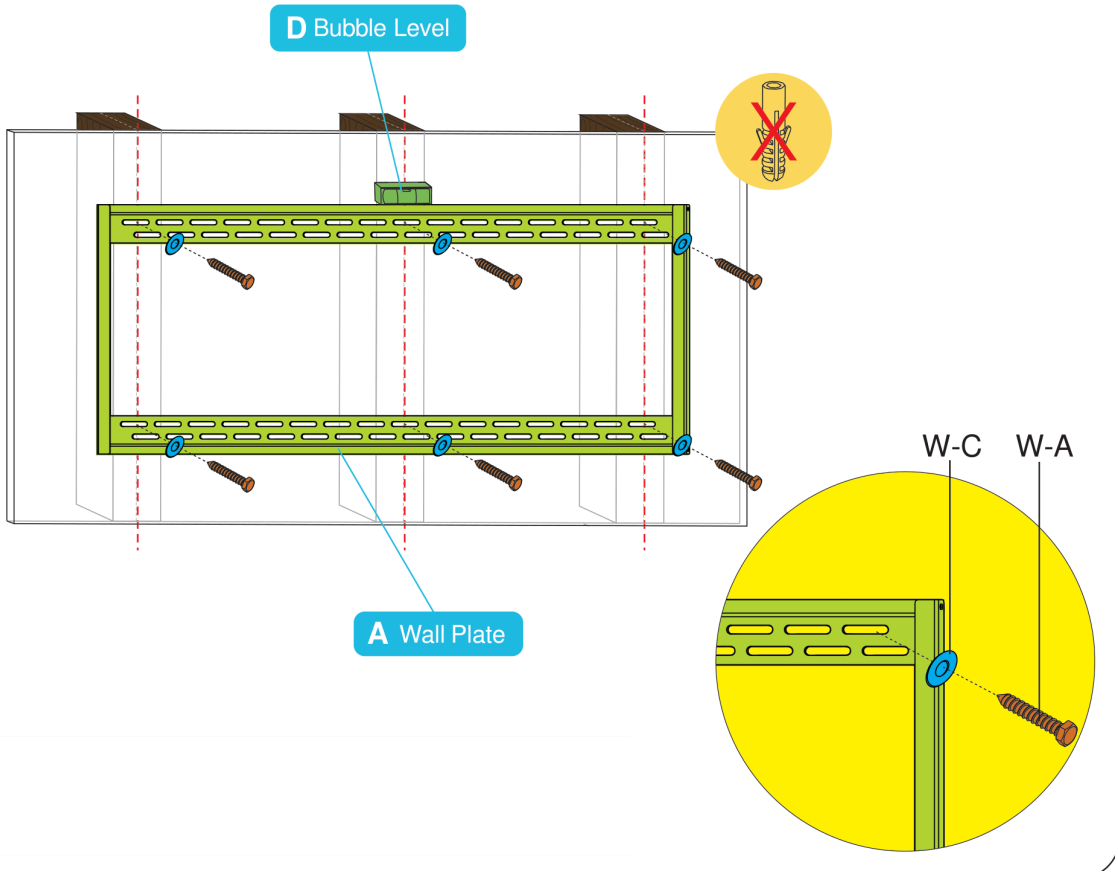


1a.3 Level the marking template (C) with the bubble level (D), and mark six holes for drilling on the centerline of the studs.



1a.4 Using a power drill and a 1/4 in drill bit, drill pilot holes 1/4 in (6 mm) in diameter and at least 3.5 in (90 mm) deep.

1a Mount to a wood stud wall (continued)



1a.5 Mount the wall plate (A), leveled with the bubble level (D), and tighten it with the lag bolts (W-A) and D8 washers (W-C) using a socket wrench. Do not use the concrete anchors (W-B) in wood.

Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

⚠ **Warning.** Make sure the mounting screws are anchored into the center of the studs; a stud finder is highly recommended. Installers are responsible for providing hardware for other types of mounting situations. Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

WALL PLATE INSTALLED · NEXT: STEP 2, PAGE 09

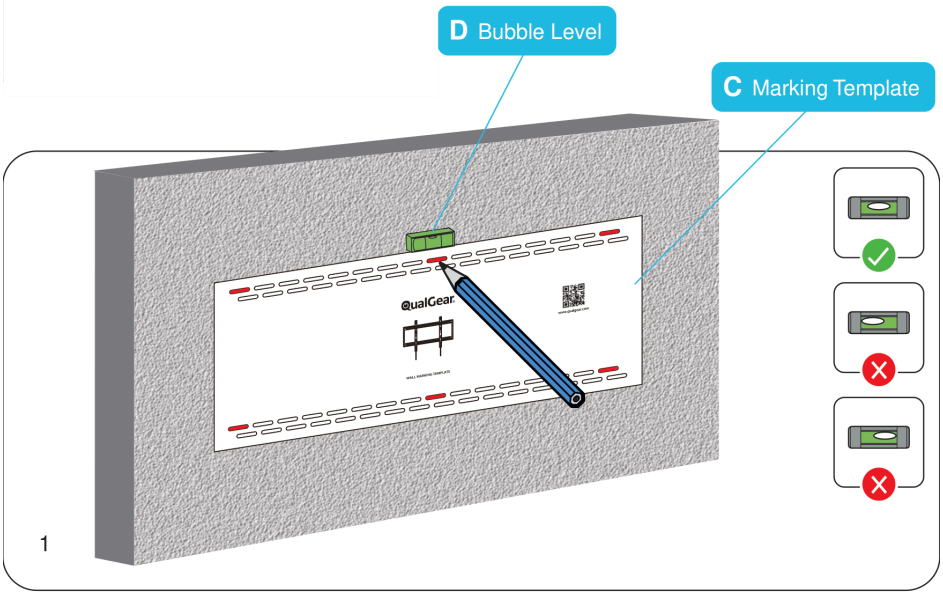
STEP 1 · MOUNT THE WALL PLATE

Mount to a concrete or brick wall

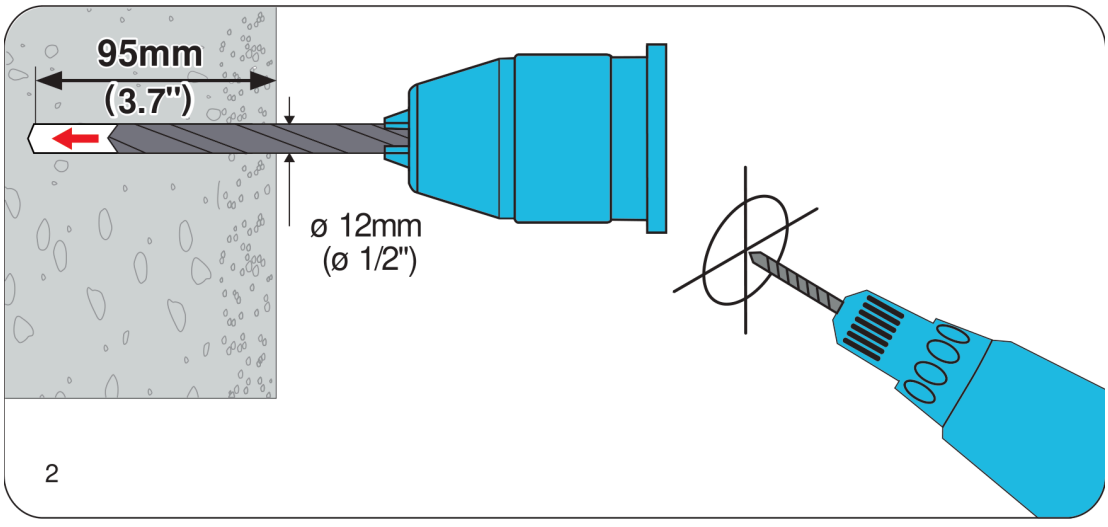
1b



Pencil | Power drill | 1/2 in masonry drill bit | Hammer | Socket wrench

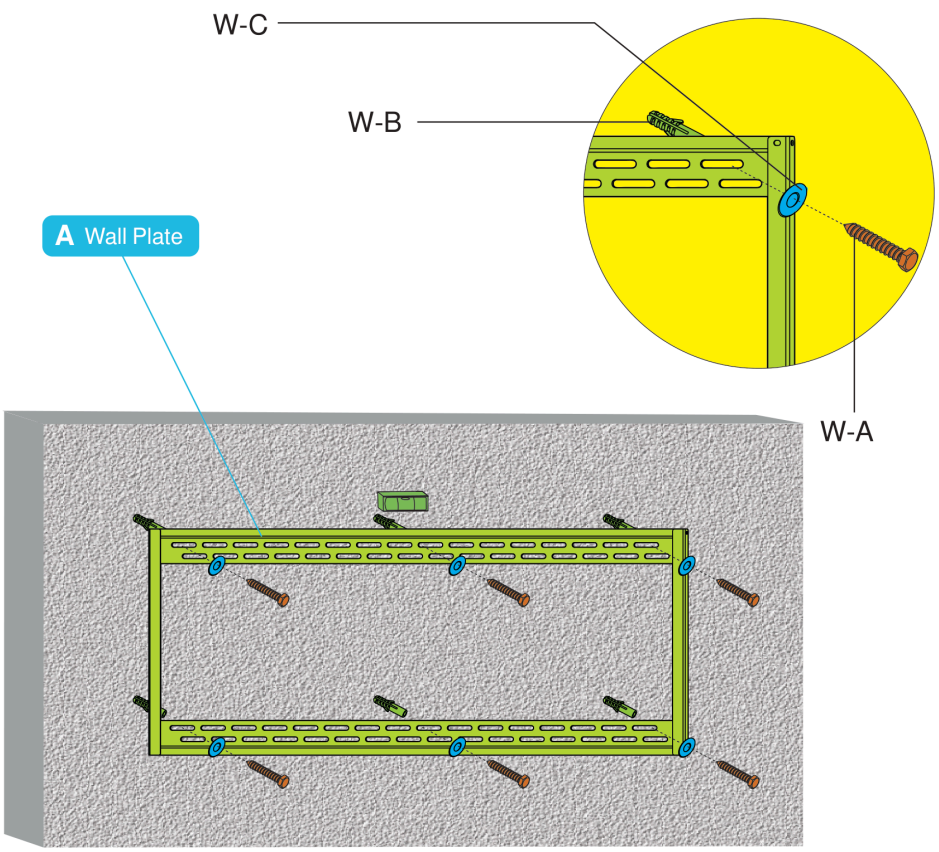


1b.1 Hold the marking template (C) against the wall where you want to install your TV, level it with the bubble level (D), and mark six holes for drilling.



1b.2 Using a power drill and a 1/2 in masonry drill bit, drill mounting holes 1/2 in (12 mm) in diameter and 3.7 in (95 mm) deep at the marked locations.

1b Mount to a concrete or brick wall (continued)



1b.3 Place a concrete anchor (W-B) in each hole and tap it flush with the wall using a hammer. Using a socket wrench, mount the wall plate (A) and fasten it with the lag bolts (W-A) and D8 washers (W-C).

Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

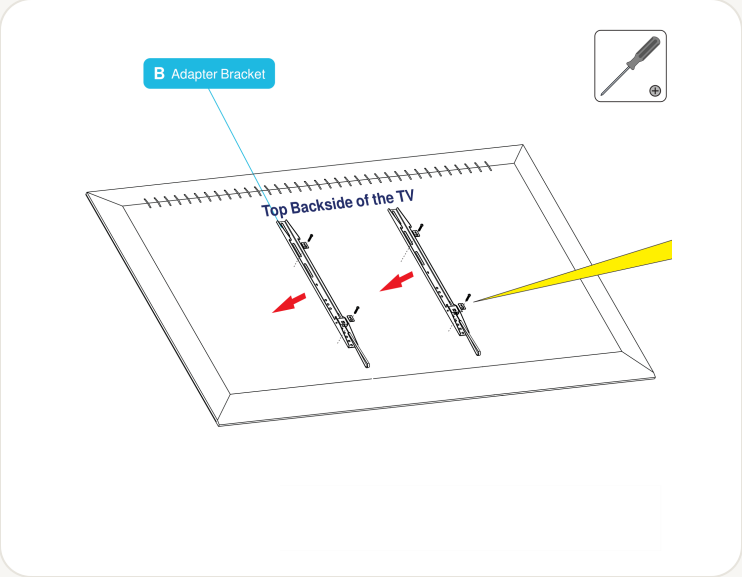
⚠ **Warning.** Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

STEP 2A · FLAT BACK PANEL

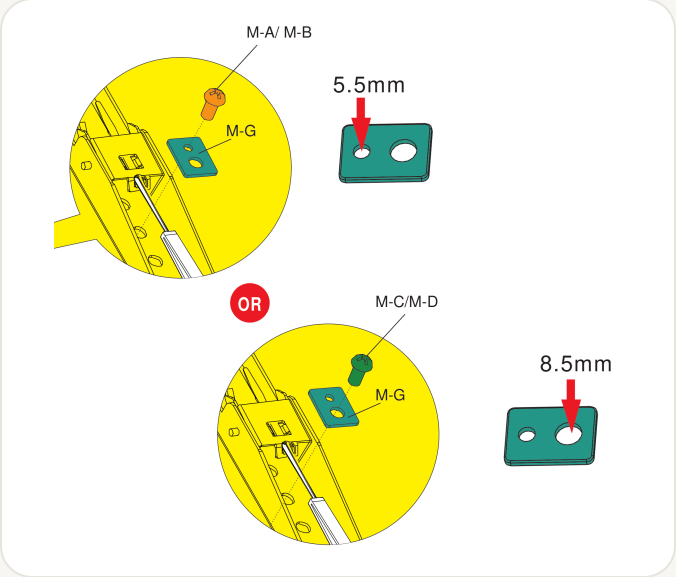
Install the adapter brackets on a flat-back TV

2a

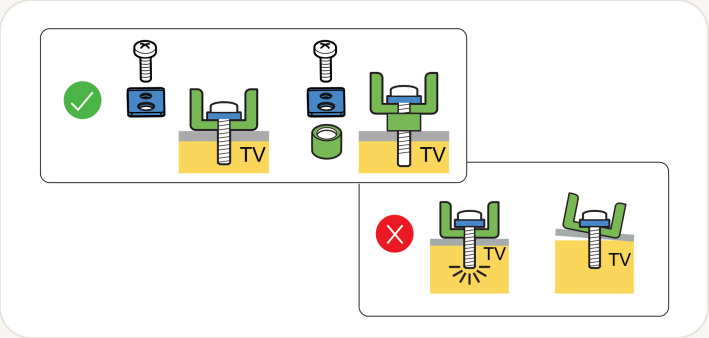
⚠ **Important.** Tighten all screws, but do not overtighten.



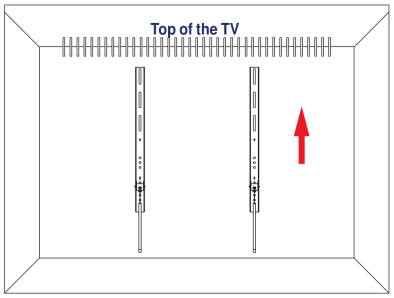
2a.1 Attach the adapter brackets (B) to the back of the TV.



2a.2 Use M-A or M-B screws through the 5.5 mm hole of washer M-G, or M-C or M-D screws through the 8.5 mm hole.



Correct: use washers, and spacers where the holes are recessed. Incorrect: screws that are too long or too short.



Make sure the adapter brackets are installed in the correct direction, with their tops toward the top of the TV.

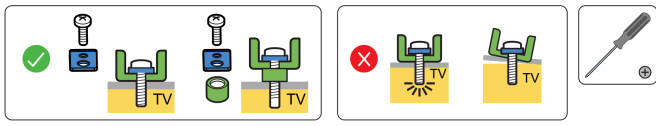
Choose the screws and washers that fit your TV, and attach the adapter brackets (B) to the back of the TV using a Phillips screwdriver.

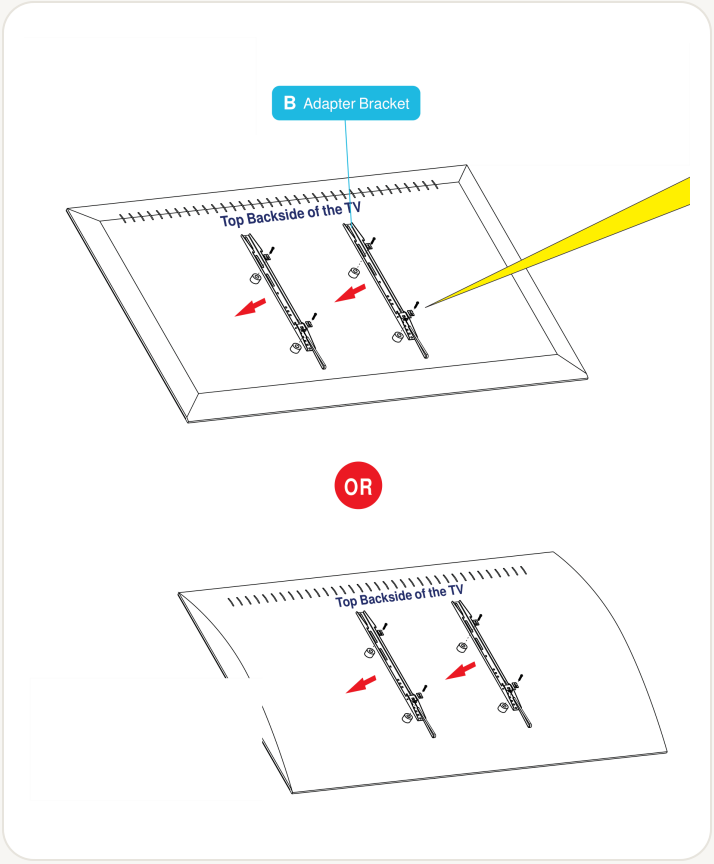
NEXT: STEP 3, PAGE 11

STEP 2B · CURVED OR RECESSED BACK

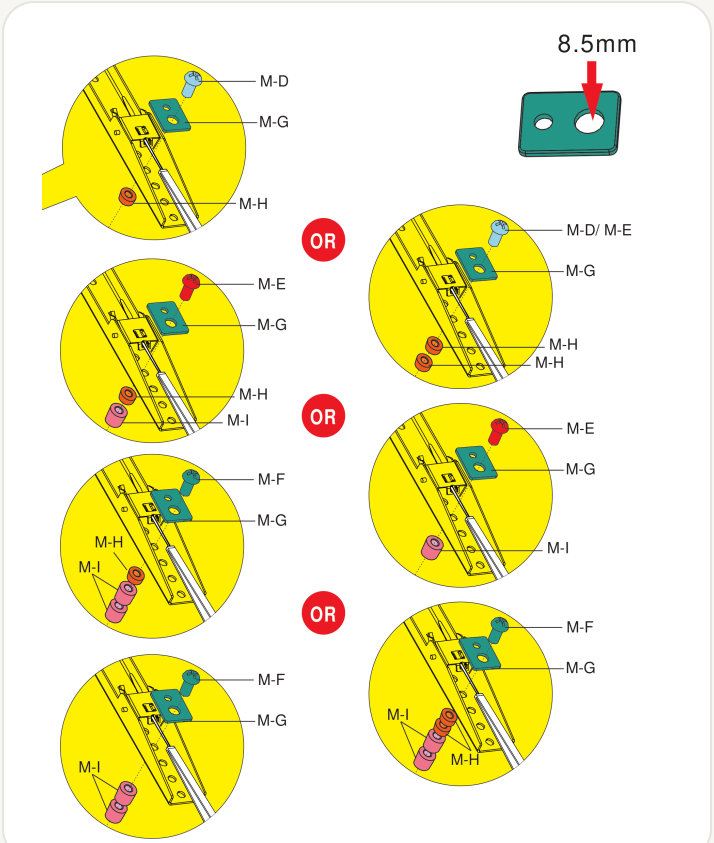
Install the adapter brackets on a curved or recessed-back TV

2b





2b.1 Attach the adapter brackets (B) to the back of the recessed or curved TV.



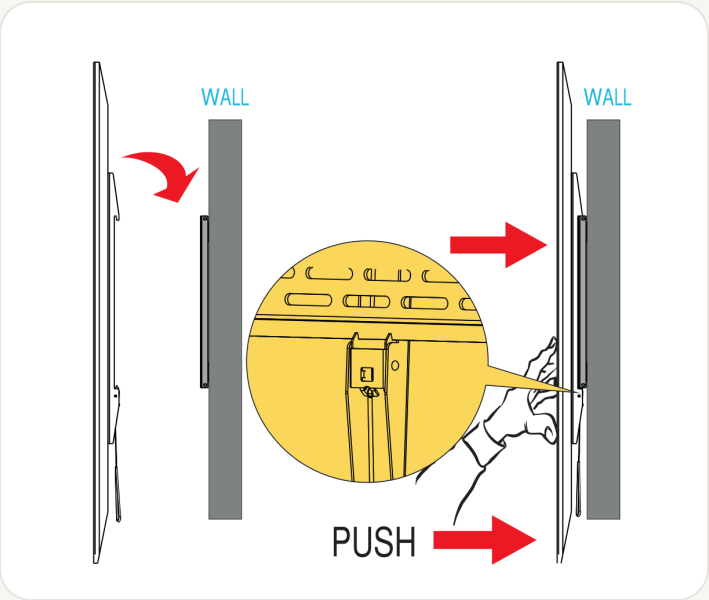
2b.2 Use M-D, M-E, or M-F screws through the 8.5 mm hole of washer M-G, with small (M-H) or large (M-I) spacers as needed.

Choose the screws, washers, and spacers (if necessary) that fit your TV, and attach the adapter brackets (B) using a Phillips screwdriver. Tighten all screws, but do not overtighten.

STEP 3

Hang the TV on the wall plate

3



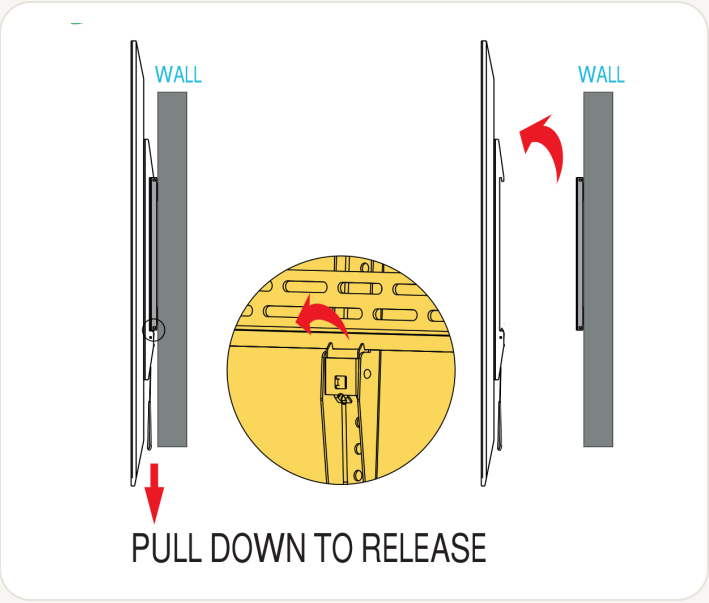
Using an assistant, carefully push the bottom of the TV toward the wall until the latches fit into the wall plate rail. Then hide the two safety straps behind the TV to prevent accidental pulling, which could release the TV and cause it to fall.

⚠ **Important.** Make sure the TV is securely mounted on the wall before releasing it. Only pull the safety straps when removing the TV (step 4).

STEP 4

Remove the TV from the wall plate

4



⚠ **Important.** Heavy. Use an assistant for this step.

To remove the TV, have one person hold it while another pulls both safety straps downward at the same time to unlock the latches from the wall plate rail. Then carefully lift the TV off.

We're here to help. Real people in Anna, Texas.

QUALGEAR CUSTOMER SUPPORT

CALL
+1 (972) 423-5015
Monday to Friday, 9 a.m. to 5 p.m. Central Time

EMAIL
support@qualgear.com
Put your model number in the subject line

ONLINE
qualgear.com
Orders, returns, RMAs, warranty, and product questions

Scan for the Support hub
qualgear.com/pages/support

Before you contact us, have ready

01 Your model number: `QG-TM-090-BLK`
02 Your order number or dated proof of purchase
03 A short description of the issue, and the step number if it happened during installation
04 Photos of the part or installation, if we ask for them

Warranty claims

This product has a **1-year limited warranty (parts only)** from the original purchase date. Email us with this subject line:

```
Warranty Claim – QG-TM-090-BLK – [order number]
```

Do not mail or return anything until we issue an approved RMA or written instructions.

Maintenance

Check at regular intervals that the mount is secure and safe to use. If you have questions about any instruction or warning, contact QualGear support using the details above.

USEFUL PAGES

Warranty	qualgear.com/pages/warranty
Returns and RMAs	qualgear.com/pages/qualgear-return-policy
FAQ	qualgear.com/pages/faq
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