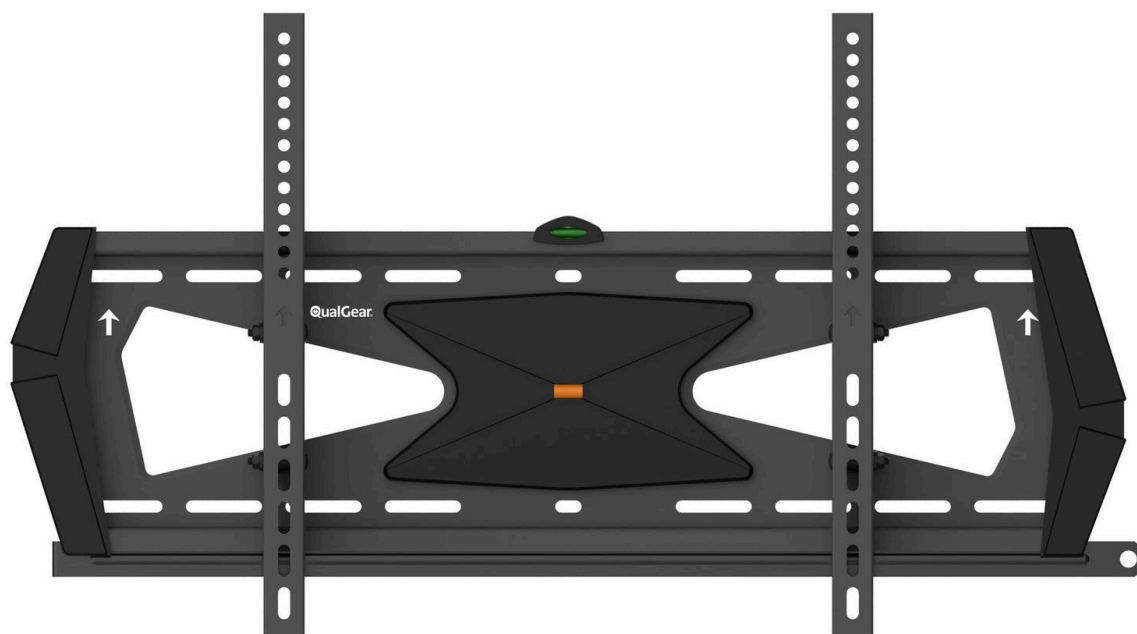


Heavy-duty tilting TV wall mount for most 37 to 70 in flat-panel and curved TVs.

QG-TM-031-BLK



Tilt -10° to $+5^{\circ}$ · built-in bubble level · safety bar for a padlock

BLACK

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

MAXIMUM RATED LOAD

88 lb / 40 kg

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

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: 88 lb / 40 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

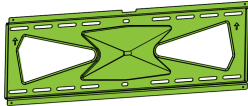
WALL CONSTRUCTION	HARDWARE REQUIRED
Wood stud	Included
Wood beam	Included
Solid concrete	Included
Other	Contact a qualified professional

Parts checklist

⚠ Important. Before you start, check that every part shown below is included. If any part is missing or damaged, contact your local distributor or support@qualgear.com for replacement parts. Do not start assembly and installation until you have all the parts.

Main parts

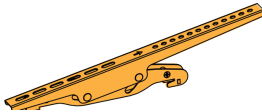
ILLUSTRATIONS NOT TO SCALE



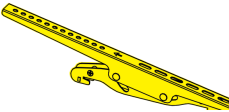
Wall plate
A · ×1



Safety bar
B · ×1



Left adapter bracket
C · ×1



Right adapter bracket
D · ×1



Bubble level
E · ×1



Decorative covers
F · ×2



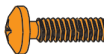
ST2.9 × 6.5 mm screws
G · ×4



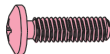
Marking template
H · ×1

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



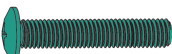
M8 × 20 mm screws
M - D · ×4



M6 × 30 mm screws
M - E · ×4



M8 × 30 mm screws
M - F · ×4



M8 × 50 mm screws
M - G · ×4



5.5 / 8.5 mm washers
M - H · ×4



5 mm small spacers
M - I · ×8



15 mm large spacers
M - J · ×8

Wall hardware



ST6.3 × 65 mm lag bolts
W - A · ×6



10 × 60 mm concrete anchors
W - B · ×6

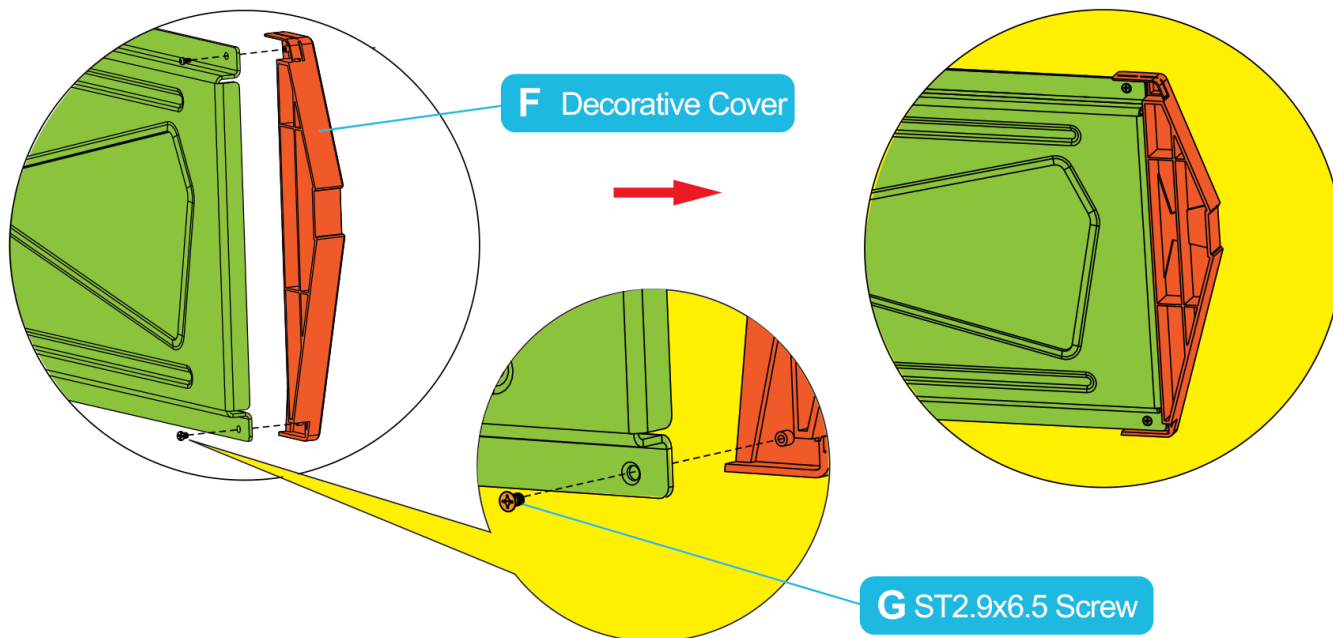


D6 washers
W - C · ×6

STEP 1

Install the decorative covers

1



Attach the decorative covers (F) to the wall plate (A) using the ST2.9 × 6.5 mm screws (G) and a Phillips screwdriver.

Note. When the decorative covers are installed correctly, there is a gap between the bottom of the wall plate and the decorative covers. This gap is for the safety bar, installed in step 5.

STEP 2 • MOUNT THE WALL PLATE

Mount to a wood stud wall

2a

Note. For a concrete wall, follow step 2b on page 07.



Stud finder

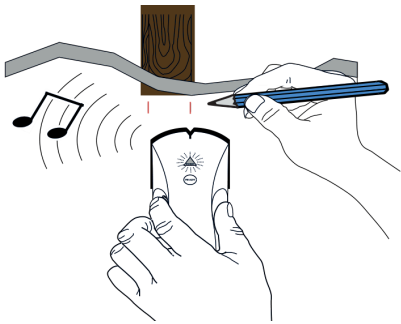
Level

Pencil

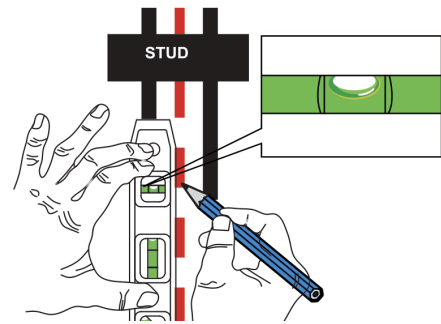
Power drill

3/16 in drill bit

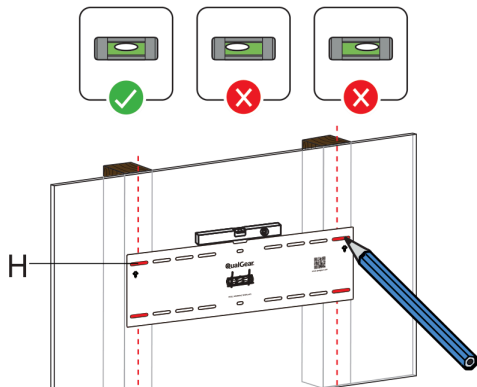
Socket wrench



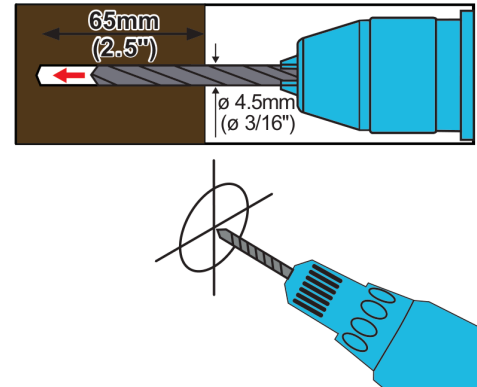
2a.1 Using an edge-to-edge stud finder, find the edges of the stud.



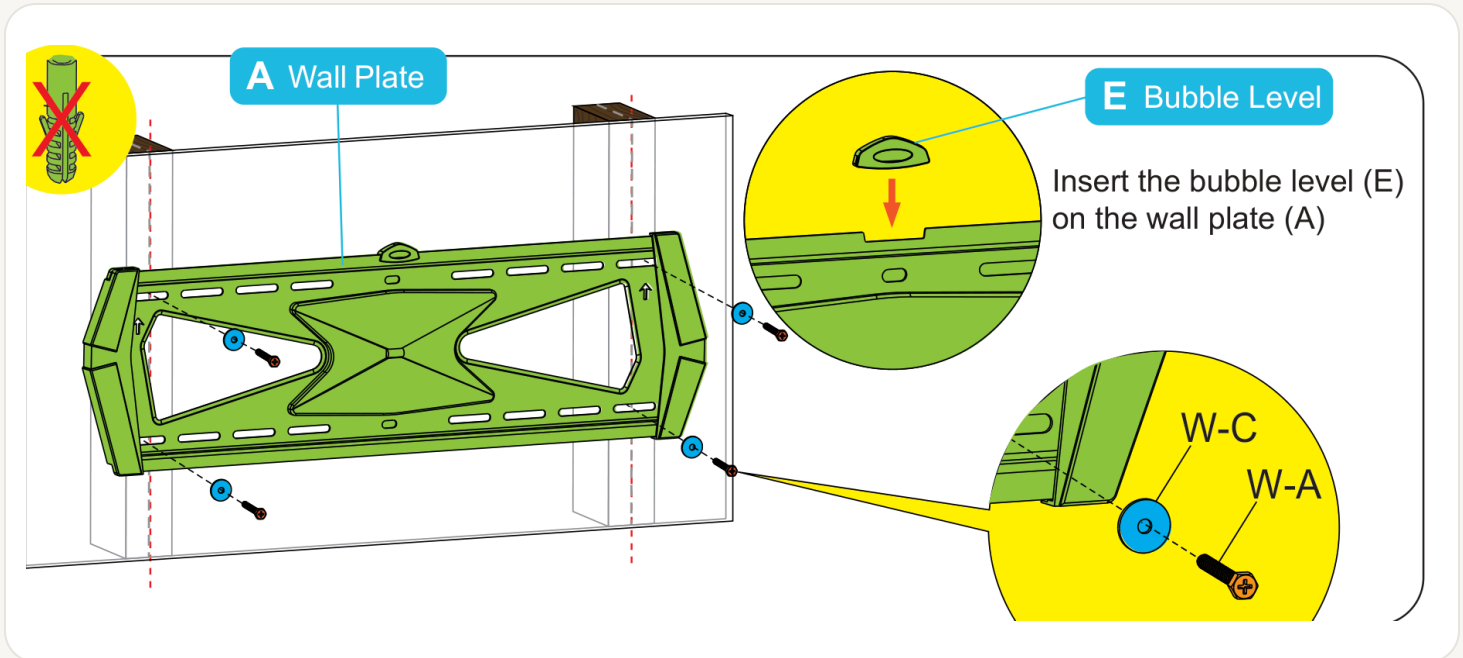
2a.2 Using a level, mark the centerline of the stud.



2a.3 Using the marking template (H), level it and mark four holes for drilling on the centerline of the studs.



2a.4 Using a power drill and a 3/16 in drill bit, drill pilot holes 3/16 in (4.5 mm) in diameter and at least 2.5 in (65 mm) deep.

2a Mount to a wood stud wall (continued)

2a.5 Insert the bubble level (E) on the wall plate (A). Mount the wall plate and tighten it with the lag bolts (W-A) and D6 washers (W-C) using a socket wrench.

Note. Do not use a power drill to drive the lag bolts, and do not overtighten them. Do not use the concrete anchors (W-B) in wood.

⚠ Warning. Make sure the mounting screws are anchored into the center of the studs; the use of 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 • SKIP TO STEP 3, PAGE 09

STEP 2 • MOUNT THE WALL PLATE

Mount to a concrete wall

2b



Concrete wall

Level

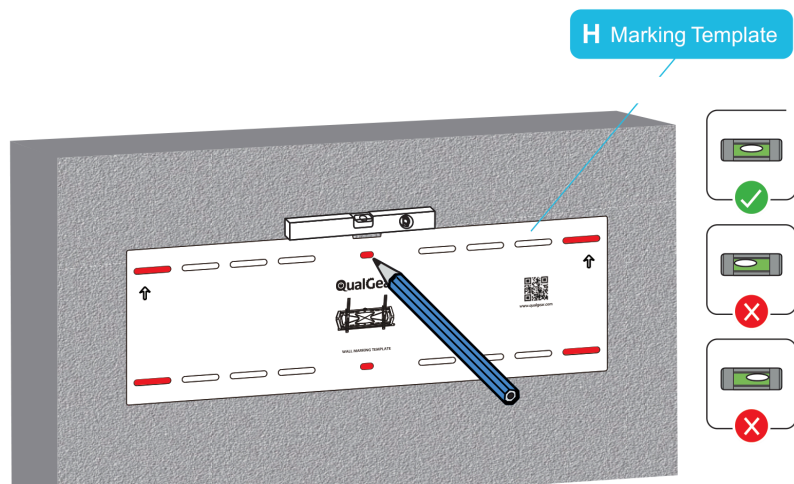
Pencil

Power drill

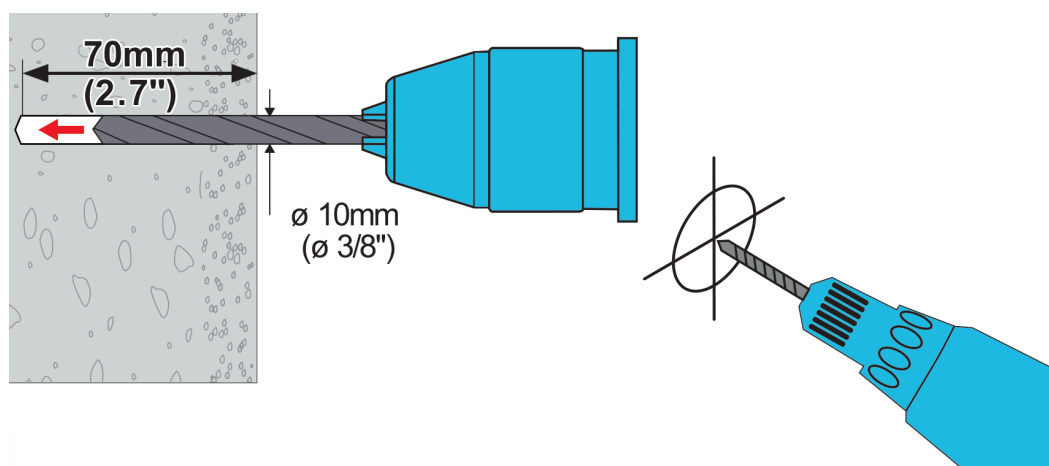
3/8 in masonry drill bit

Hammer

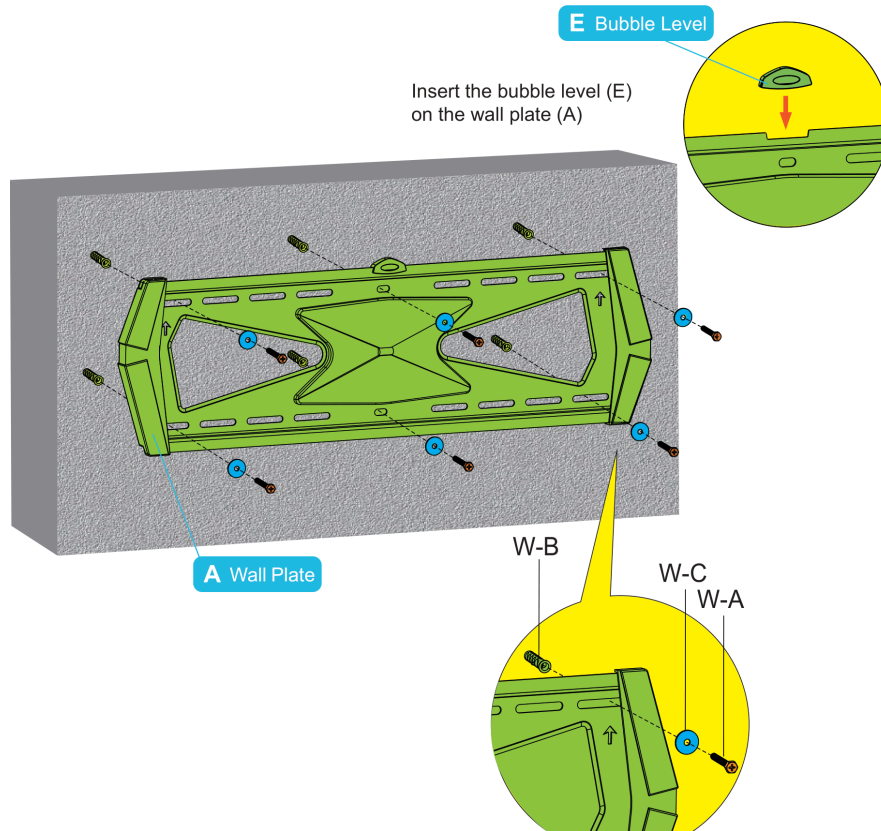
Socket wrench



2b.1 Hold the marking template (H) against the wall where you want to install the TV, level it, and mark six holes for drilling.



2b.2 Using a power drill and a 3/8 in masonry drill bit, drill mounting holes 3/8 in (10 mm) in diameter and 2.7 in (70 mm) deep at the marked locations.

2b Mount to a concrete wall (continued)

2b.3 Place a concrete anchor (W-B) in each hole and tap it flush with the wall using a hammer. Insert the bubble level (E) on the wall plate (A). Using a socket wrench, mount the wall plate and fasten it with the lag bolts (W-A) and D6 washers (W-C).

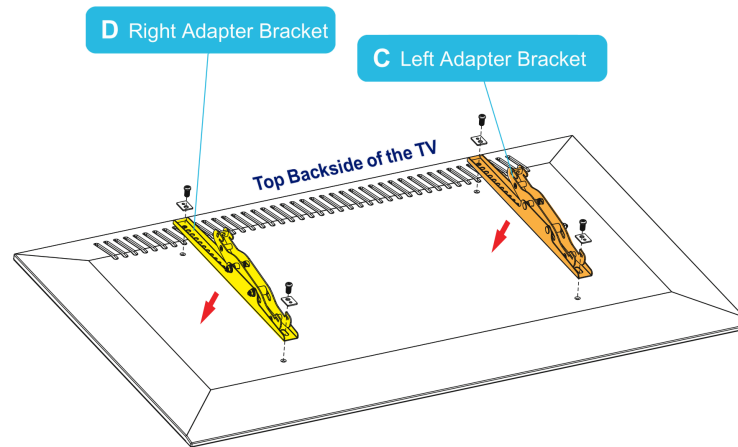
Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

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

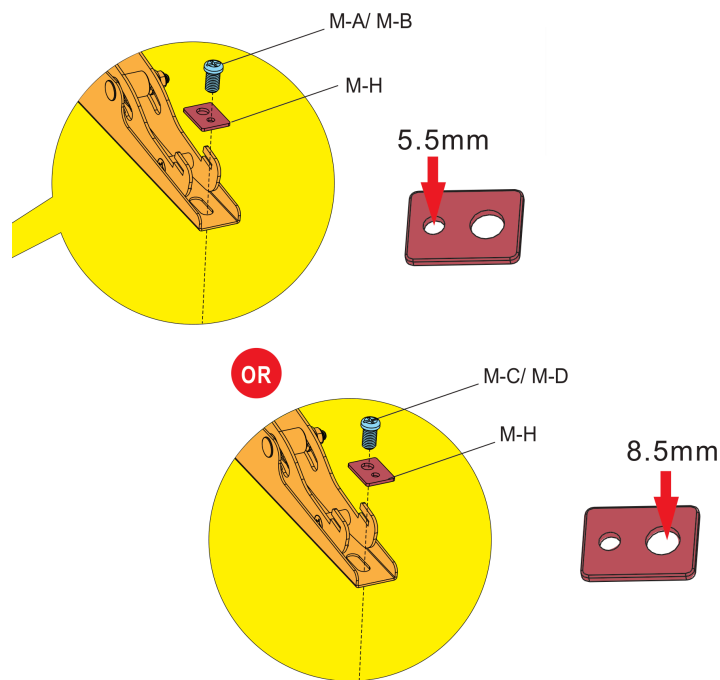
STEP 3A • FLAT BACK PANEL

Attach the adapter brackets to a flat-back TV

3a

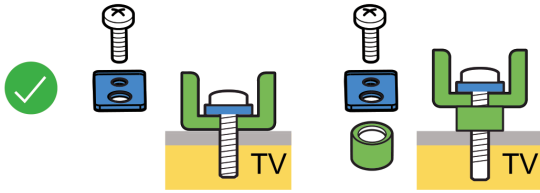


3a.1 Attach the adapter brackets (C and D) to the top backside of the TV.

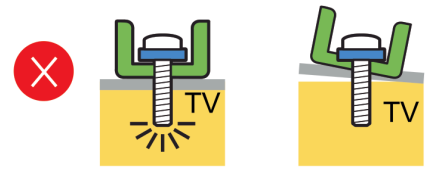


3a.2 Use screws M-A or M-B through the 5.5 mm hole of washer M-H, or screws M-C or M-D through the 8.5 mm hole.

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

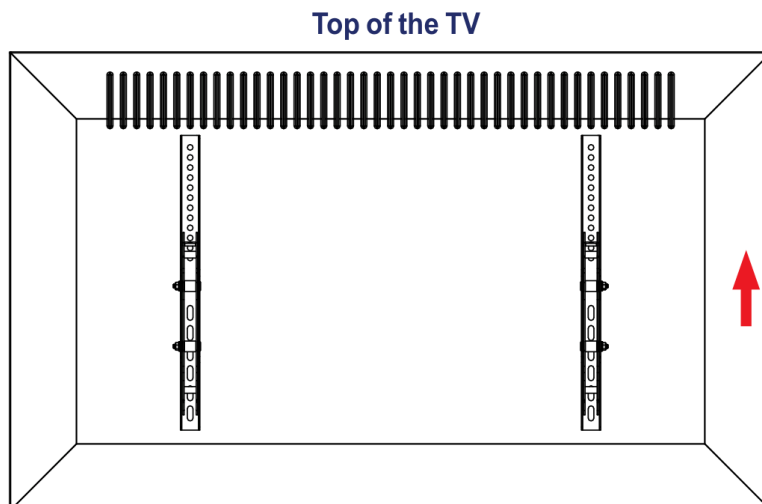
3a Attach the adapter brackets to a flat-back TV (continued)

Correct: the screw engages the full thread depth, with washers and spacers where needed.



Incorrect: a screw that is too long or too short.

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



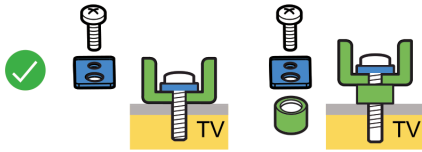
3a.3 Following the direction indicator arrows on the adapter brackets, make sure the brackets are installed in the correct direction.

ADAPTER BRACKETS INSTALLED · SKIP TO STEP 4, PAGE 13

STEP 3B • CURVED OR RECESSED BACK PANEL

Attach the adapter brackets to a curved or recessed-back TV

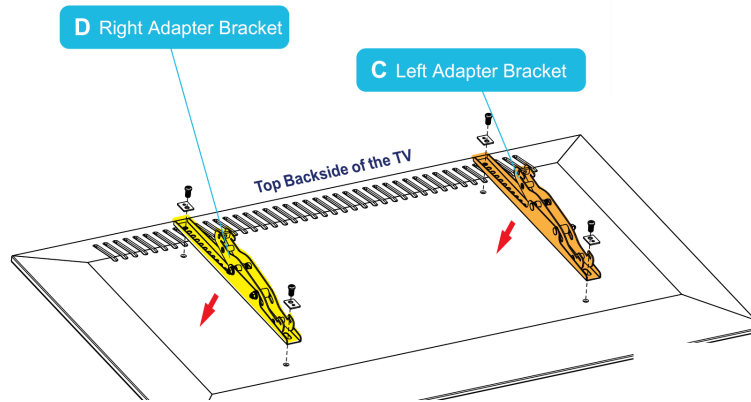
3b



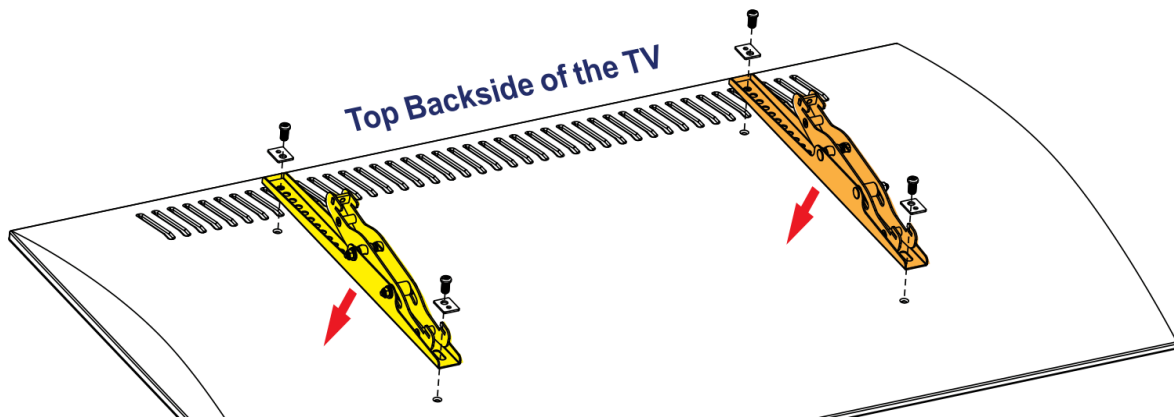
Correct: the screw engages the full thread depth.



Incorrect: too long or too short.



Recessed Attach the adapter brackets (C and D) to the top backside of a recessed-back TV.

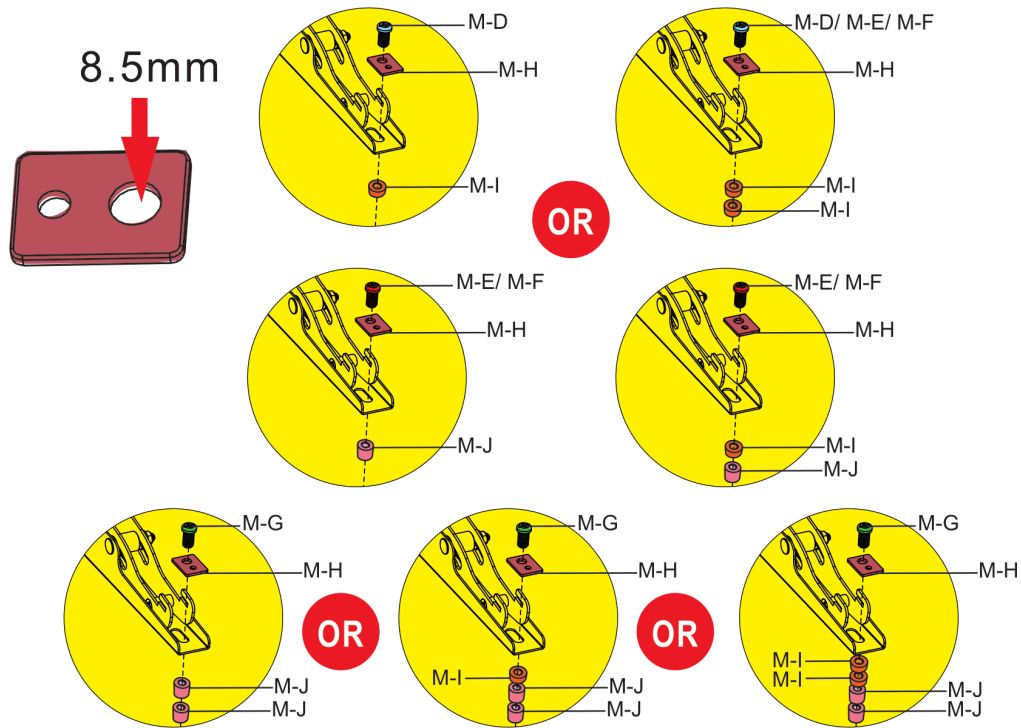


Curved Attach the adapter brackets (C and D) to the top backside of a curved-back TV.

Note. Following the direction indicator arrows on the adapter brackets, make sure the brackets are installed in the correct direction.

3b Attach the adapter brackets to a curved or recessed-back TV (continued)

Choose the screws, washers, and spacers (if necessary) that fit your TV, and attach the adapter brackets (C and D) to the back of the TV using a Phillips screwdriver.



3b.1 Choose the combination shown that fits the depth of your TV's mounting holes. Each uses the 8.5 mm hole of washer M-H, with screws M-D, M-E, M-F, or M-G and small (M-I) or large (M-J) spacers.

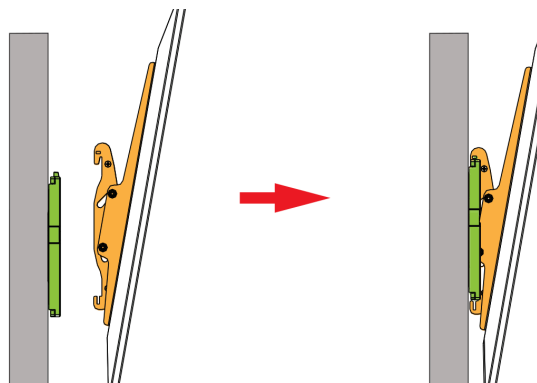
⚠ Important. Tighten all screws, but do not overtighten.

STEP 4

Hook the TV onto the wall plate

4

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



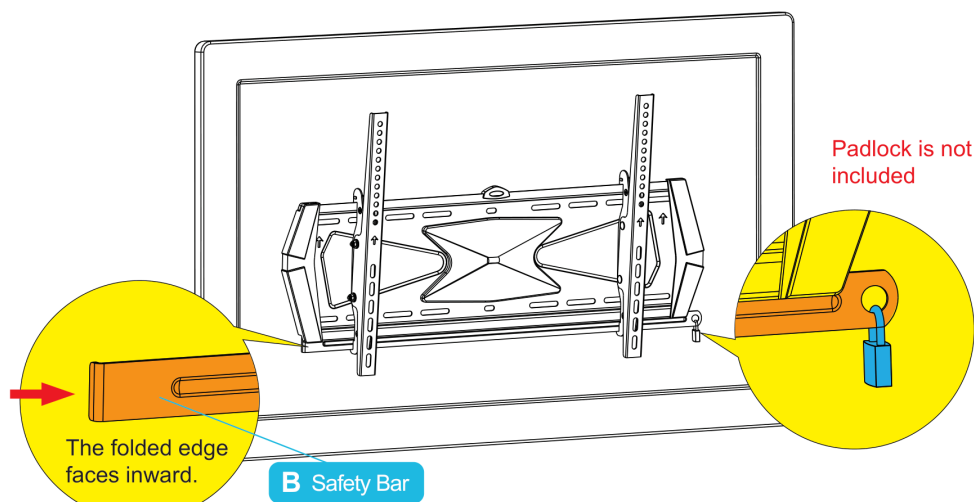
With an assistant, hook the TV onto the mounted wall plate.

STEP 5

Install the safety bar and the padlock

5

⚠ Important. Make sure the TV is safely secured before releasing it.

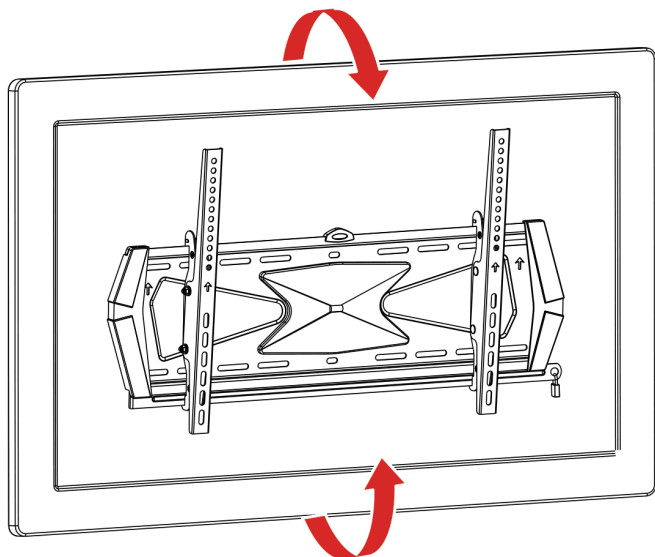


Insert the safety bar (B) into the rail at the bottom of the wall plate to secure the TV; the folded edge faces inward. Put a padlock on the safety bar to prevent the TV from being stolen. The padlock is not included.

STEP 6

Adjust the tilt

6



TILT

 -10° to $+5^{\circ}$

Push or pull from the top or bottom of the screen to obtain the angle you want.

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-031-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-031-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

Shipping

qualgear.com/pages/shipping

QUALGEAR

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