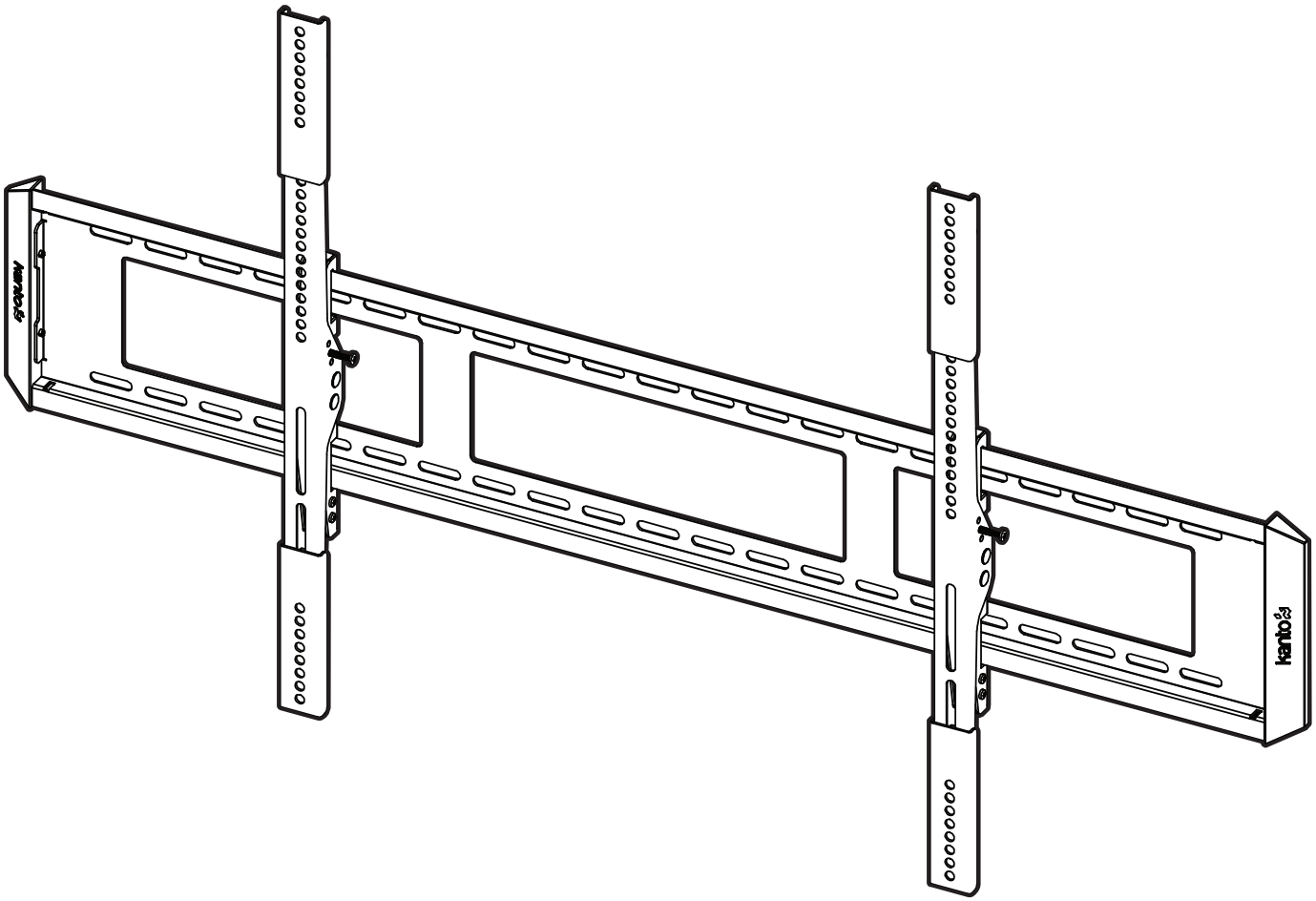
English

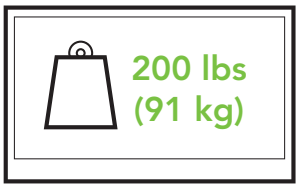
kanto

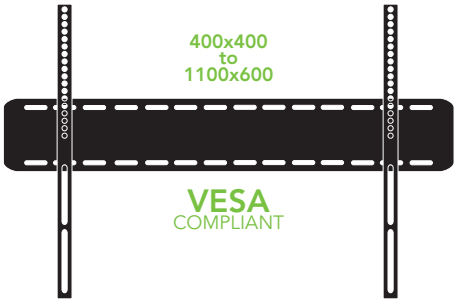
User Manual

T6090 TV Mount



TILTING FLAT PANEL TV MOUNT





Supporting your digital lifestyle™

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Introduction

Thank you for choosing a Kanto Living tilting wall mount. The T6090 is designed to mount flat panel televisions weighing up to 200 lbs (91 kg) within less than 2" of your wall. This mount will tilt your TV +10° / –5°.

Read these instructions fully before installation of this mount. If you do not understand these directions, or have any doubts about the safety of the installation, please consult a qualified installation contractor to install this mount. Make sure there are no defective or missing parts. Do not use defective parts. If you are uncertain whether the part is defective call Kanto Living directly at 1-888-848-2643 or support@kantoliving.com. This product should not be mounted on steel stud walls or cinder block walls. Kanto cannot be liable for property damage or injury caused by incorrect mounting, incorrect assembly, lifting or incorrect use of this product.

See installation video online at:
www.kantoliving.com/product/mounts/T6090#video

Visit our website at kantoliving.com for the most recent version of this manual

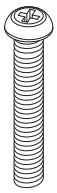
CAUTION
The maximum loading weight is 200 lbs (91 kg). This wall mount is intended for use only within the maximum weight restrictions indicated. Use with products heavier than the maximum weights indicated may result in instability causing possible injury.

CAUTION
The wall you plan to affix the Kanto mount to must be able to support more than 5 times the weight of the television and the wall mount combined. Do not use this product for any purpose other than to mount a flat panel TV on a vertical surface as outlined in this manual. Improper installation may cause damage to your TV or serious injury. This product should not be mounted to steel stud walls, cinder block or old concrete walls. Consult a qualified installation contractor if you are unsure about the type of wall you may have.

Supplied Parts and Hardware

x4

A: M5 x 15mm Bolt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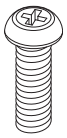
B: M5 x 25mm Bolt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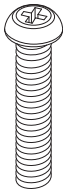
C: M6 x 15mm Bolt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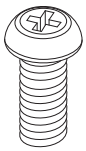
D: M6 x 25mm Bolt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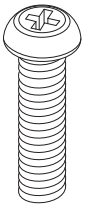
E: M8 x 15mm Bolt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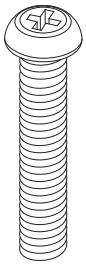
F: M8 x 25mm Bolt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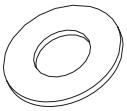
G: M8 x 35mm Bolt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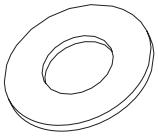
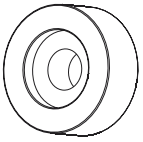
H: Washer


x6

I: Lag Bolt Washer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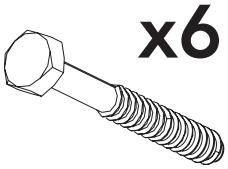
J: Plastic Spacer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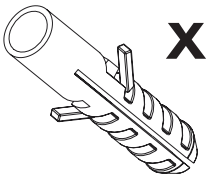
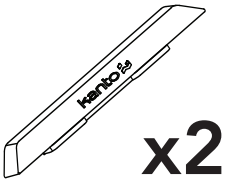
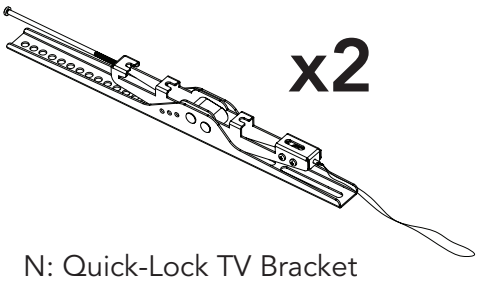
K: Lag Bolt


x6

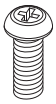
L: Concrete Anchor


x2

M: Plastic Cap


x2

N: Quick-Lock TV Bracket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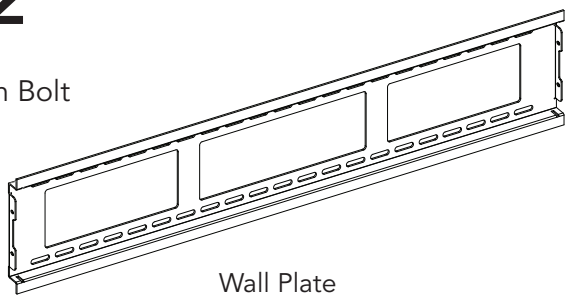
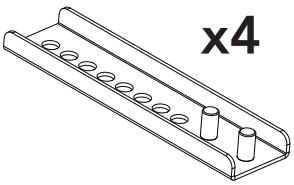
O: M5 x 10mm Bolt



Wall Plate


x4

x8

x8

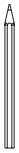
Bracket Extension Parts (assembled in separate bag)

Required Tools

Socket Set

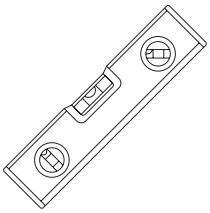
Phillips Screwdriver

Hammer (for Concrete installs)

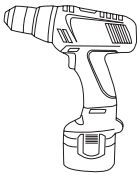


Pencil

Stud Finder



Level



Drill

7/16" Masonry Bit

3/16" Wood Bit

Step 1: Attach TV Brackets (extend if necessary)

There are a wide variety of TVs available requiring an assortment of bolt sizes. We provide a selection of mounting bolts to fit most TVs. If you have any concerns about this mounting hardware or installation call us direct at 1-888-848-2643 or email at support@kantoliving.com

The T6090 uses 400mm brackets for most TVs, but is shipped with extensions that you should connect if your TV has vertical VESA spacing up to 600mm, or if you require vertical shift. All extension parts are supplied in a separate package with washers and nuts attached. Remove nuts and washers, and see the inset below to attach the extensions.

Step 1.1 Select the correct size of bolt

Kanto provides 3 bolt diameters (Metric sizes M5, M6 and M8) in various lengths.

Part items: **A**, **B**, **C**, **D**, **E**, **F** or **G**.

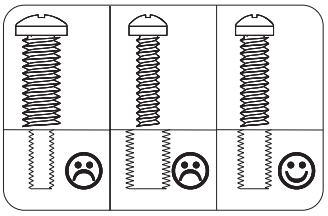
Select the correct bolt diameter and hand tighten into the back of the TV to determine the correct length.

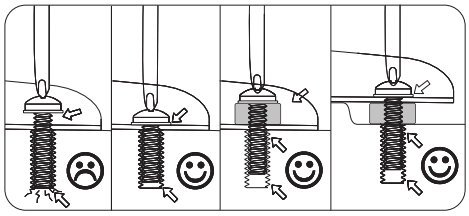
Use the washer (**H**) for bolts **A**-**D** (sizes M5 and M6).

The washer will work for all bolt sizes. The washer is not required for M8 size bolts (**E**, **F** & **G**). If your TV has a curved back or the mounting holes are recessed, you can use the spacers (**J**).

Step 1.2 Attach TV bracket arms to the back of the TV

Now that you have selected the correct bolt length and spacers if necessary, it's time to attach the arms (**N**) to the TV, as shown in Diagram A.





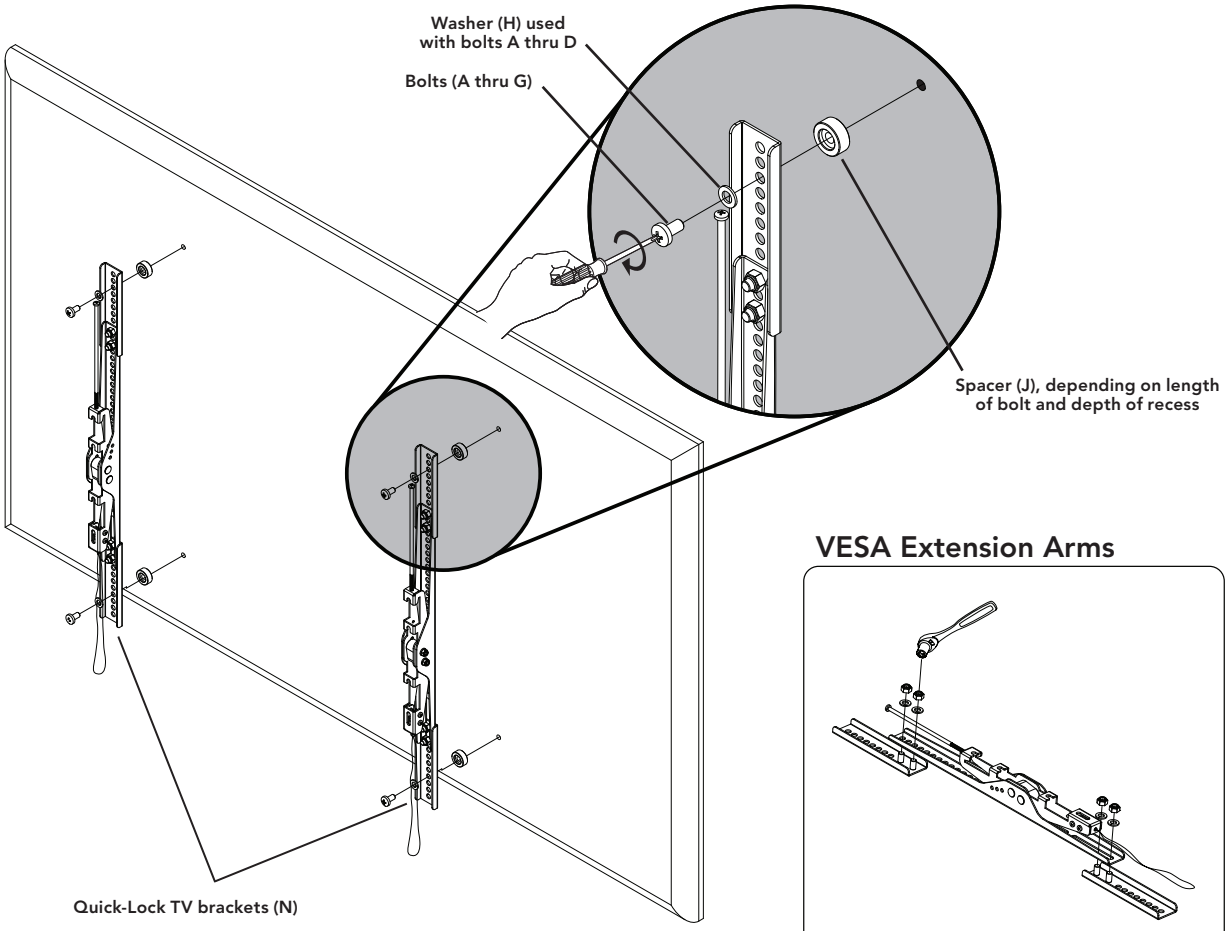


Diagram A

VESA Extension Arms

WARNING
Never over-tighten a bolt into the back of your flat panel TV.
Do not lay the TV face down on its glass front. Use a TV stand or lean against a wall.

Step 2: Mount Wall Plate

Attach the two plastic End Caps (**M**) to the Wall Plate.

Wood Stud Wall

The Wall Plate can be mounted to three wood studs with 16" centers, or to two wood studs with 24" centers. Use a stud sensor to locate the studs, clearly marking the outer edges of the studs. Use a long level to ensure the hole marks are level at the desired height.

Pre-drill the upper holes in the center of your studs and attach the Wall Plate to the wall using Lag Bolts **(K)** and Lag Bolt Washers **(I)** (see Diagram B for three stud installation - we recommend you center the plate if you have two 24" studs). Do not over-tighten Lag Bolts **(K)**. Make sure the Wall Plate is flat against the wall surface. Using the Wall Plate as a template, pre-drill the bottom holes, and secure using Lag Bolts **(K)** and Lag Bolt Washers **(I)**, taking care not to over-tighten.

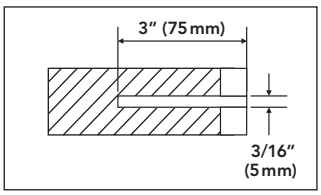
Brick or Concrete Wall

Using the Wall Plate as a template, mark six holes (four toward the outer edge of the Wall Plate and two near the center) at your desired height. Adjust the Wall Plate position to be clear of mortar joints, keeping in mind that the mount provides minor horizontal shift along the length of the Wall Plate. Use a long level to ensure the six hole marks are level and at the desired height.

Pre-drill six holes, and insert a Concrete Anchor **(L)** into each of the holes flush with the concrete wall surface and not flush with the surface covering, such as drywall.

Attach the Wall Plate using 6 Lag Bolts **(K)** and Lag Bolt Washers **(I)** (see Diagram C). Make sure the Wall Plate is flat against the wall surface. Do not over-tighten Lag Bolts **(K)**.

Wood



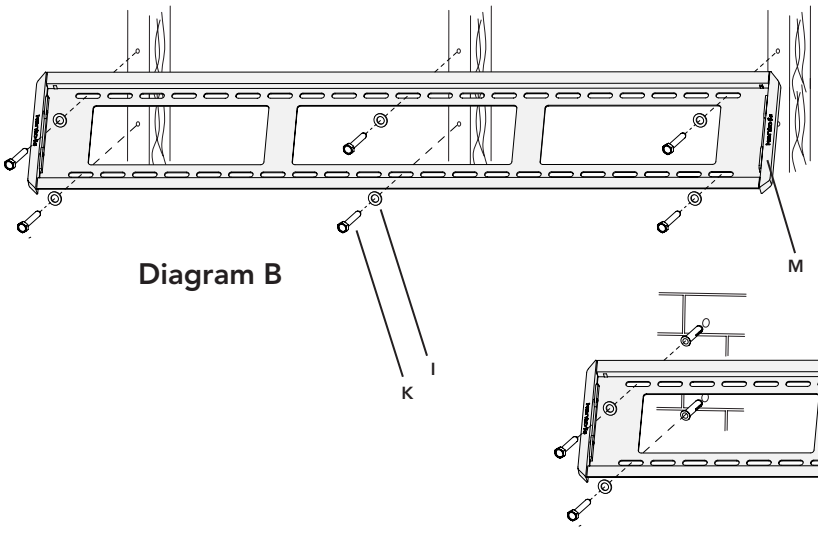
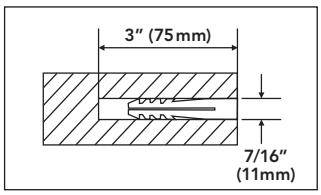


Diagram B

Concrete



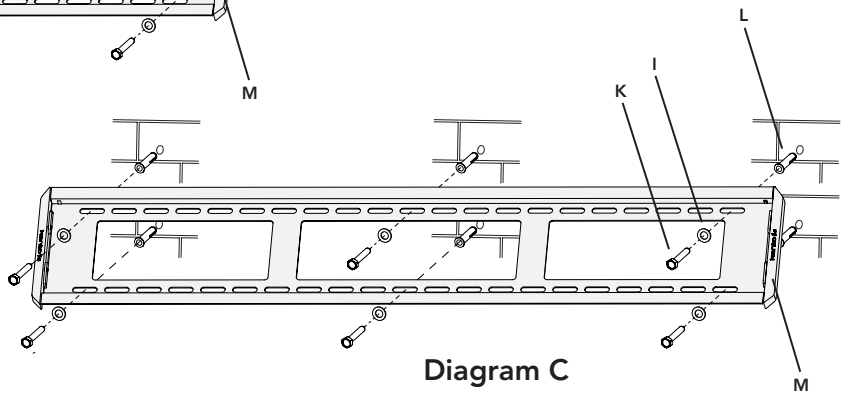


Diagram C

CAUTION
Make sure the supporting surface will support the load limits outlined in the Caution at bottom of page two. Tighten Lag Bolts until the Wall Plate is snug flat against the wall. Do not over tighten Lag Bolts (**K**). Each Lag Bolt must be located in the center of a wood stud.

CAUTION
Make sure the concrete or brick wall is at least 3.5" thick. Make sure the anchor is seated completely flush with the concrete surface even if there is another layer of material, such as drywall. If drywall is over 5/8" thick custom lag bolts must be used. Concrete must be a minimum of 2000psi in density.

CAUTION
Read this section carefully prior to install.

Step 3: Attach TV to Wall Plate

With the Quick-Lock brackets firmly secured to the TV, use two people to lift the TV into position and hook the Quick-Lock brackets onto the Wall Plate, as shown in Diagram D.

Swing the bottom of the television towards the Wall Plate, and the Quick-Lock bracket will lock into place, as shown in Diagram E.

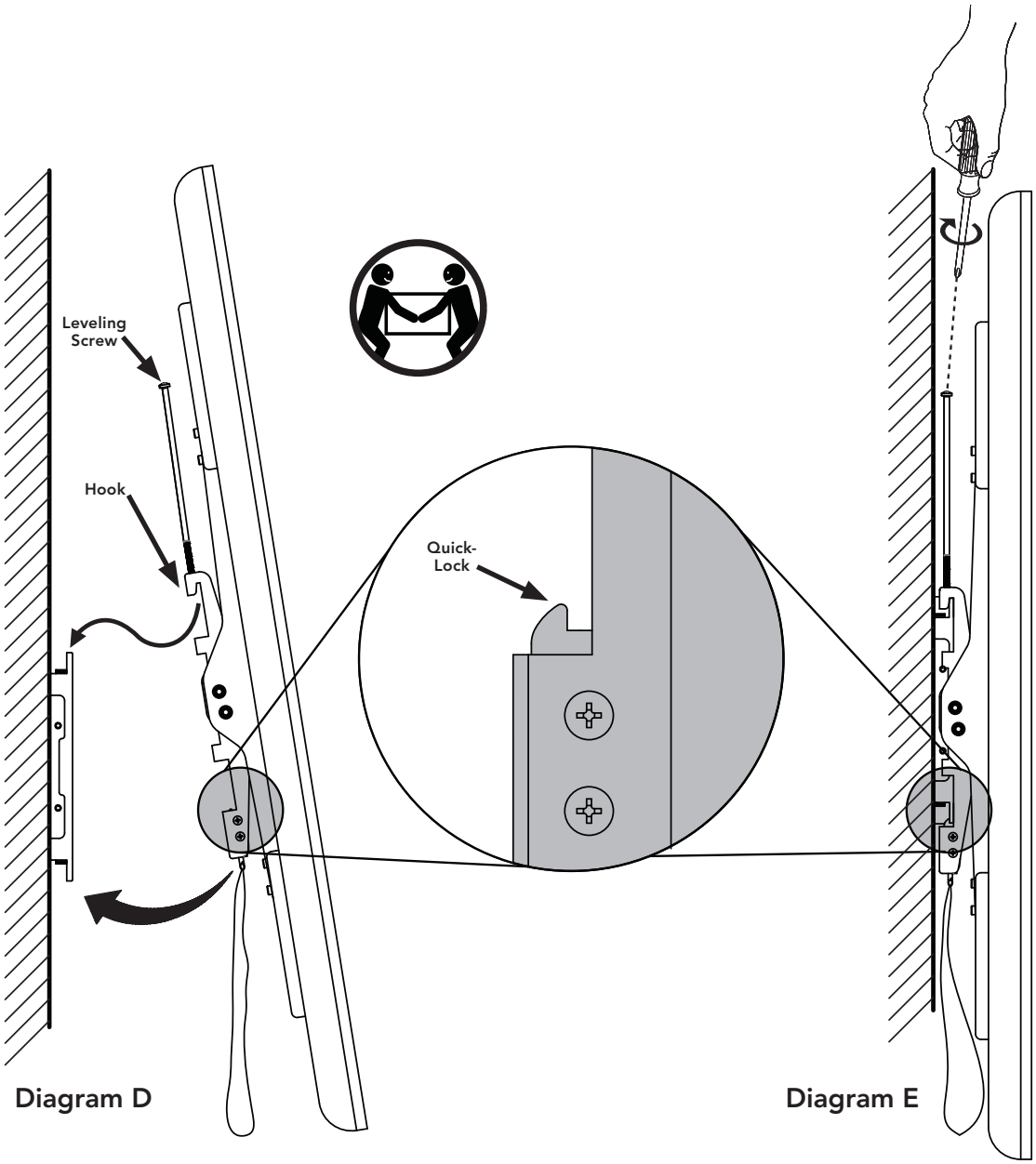


Diagram D

Diagram E

Step 4: Level the Television

For minor level adjustment, use a Phillips screwdriver to loosen or tighten the Leveling Screws, as shown in Diagram E. You may need to pull down slightly on the Quick-Lock release cord to allow horizontal movement of the TV for this adjustment.

WARNING
Use two people to lift and position the TV onto the Wall Plate.

Step 5: Tilt the TV

Your Kanto tilting mount features a unique Magic Tilt™ system that is pre-tensioned at the factory. With your TV mounted to the wall plate, simply tilt the TV to your desired viewing angle, between +10° and −5°, and your installation is complete.

As an added feature, the T6090 can be locked into position at three tilt positions, as shown in Diagram F. Use the M5 x 10mm bolts (**O**) supplied to lock the tilt arm in place at either -5°, 0° or +5°. Bolt holes are on the right side of each tilt arm.

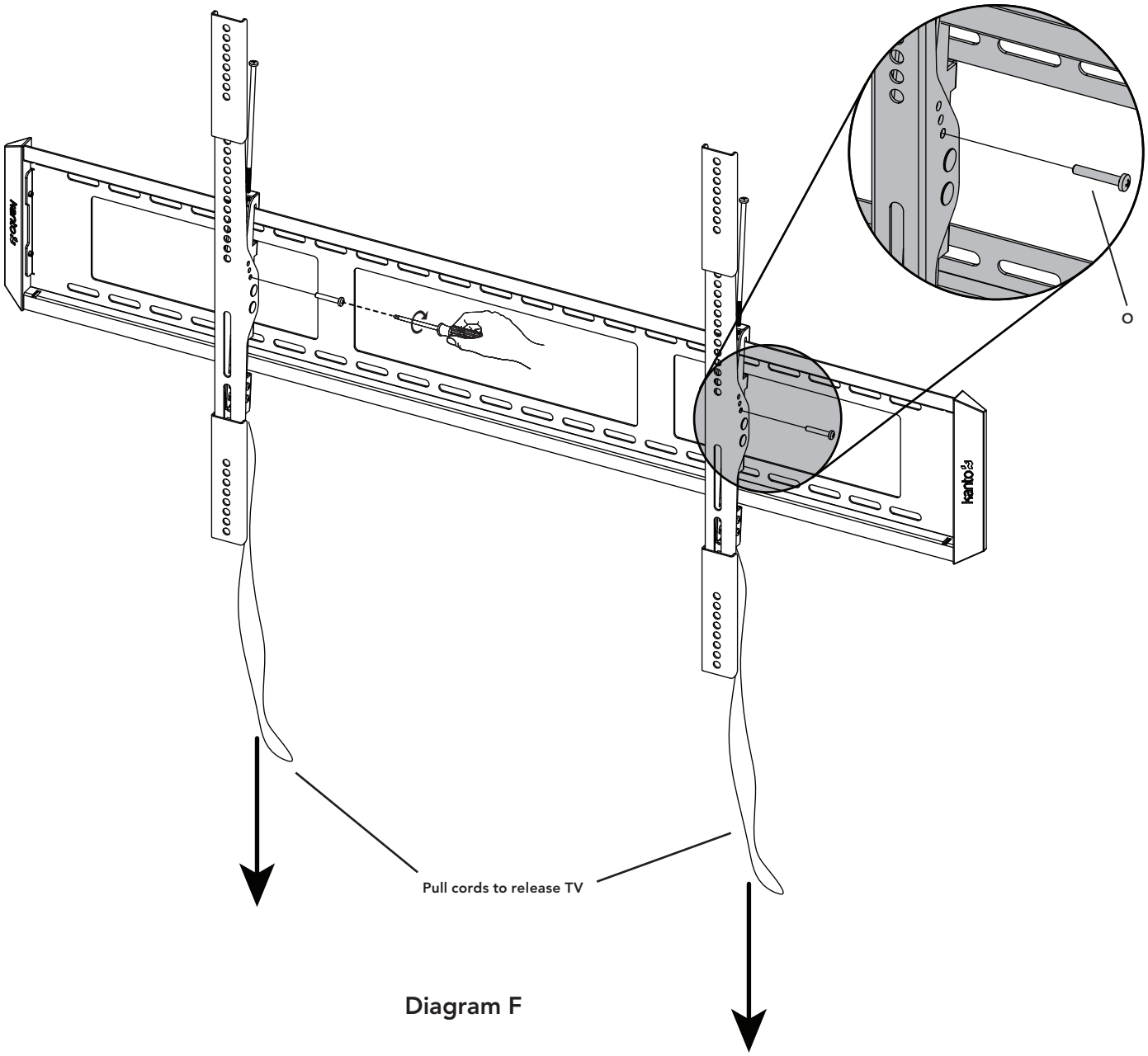


Diagram F

Step 6: Remove the TV

To remove the TV from the Wall Plate, pull down on the cords to release the Quick-Lock™ mechanisms. Use two people to pull the bottom of the TV away from the wall and lift it off the Wall Plate.

WARNING
Use two people to lift the TV.

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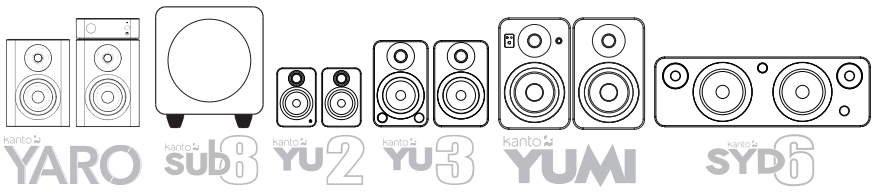

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Warranty

Limited Warranty To Original Purchaser

Kanto Distribution (Kanto) warrants the equipment it manufactures to be free from defects in material and workmanship for the following limited warranty period of:

24 months parts and labour

If equipment fails because of such defects and Kanto or an authorized dealer is notified within 24 months from the date of shipment with proof of original invoice, Kanto will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the repair. Such repairs are warranted for 90 days from the day of reshipment to the original purchaser. This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

The information in the owner's manual has been carefully checked and is believed to be accurate. However, Kanto assumes no responsibility for any inaccuracies that may be contained in the manual. In no event will Kanto, be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages.

14-03

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