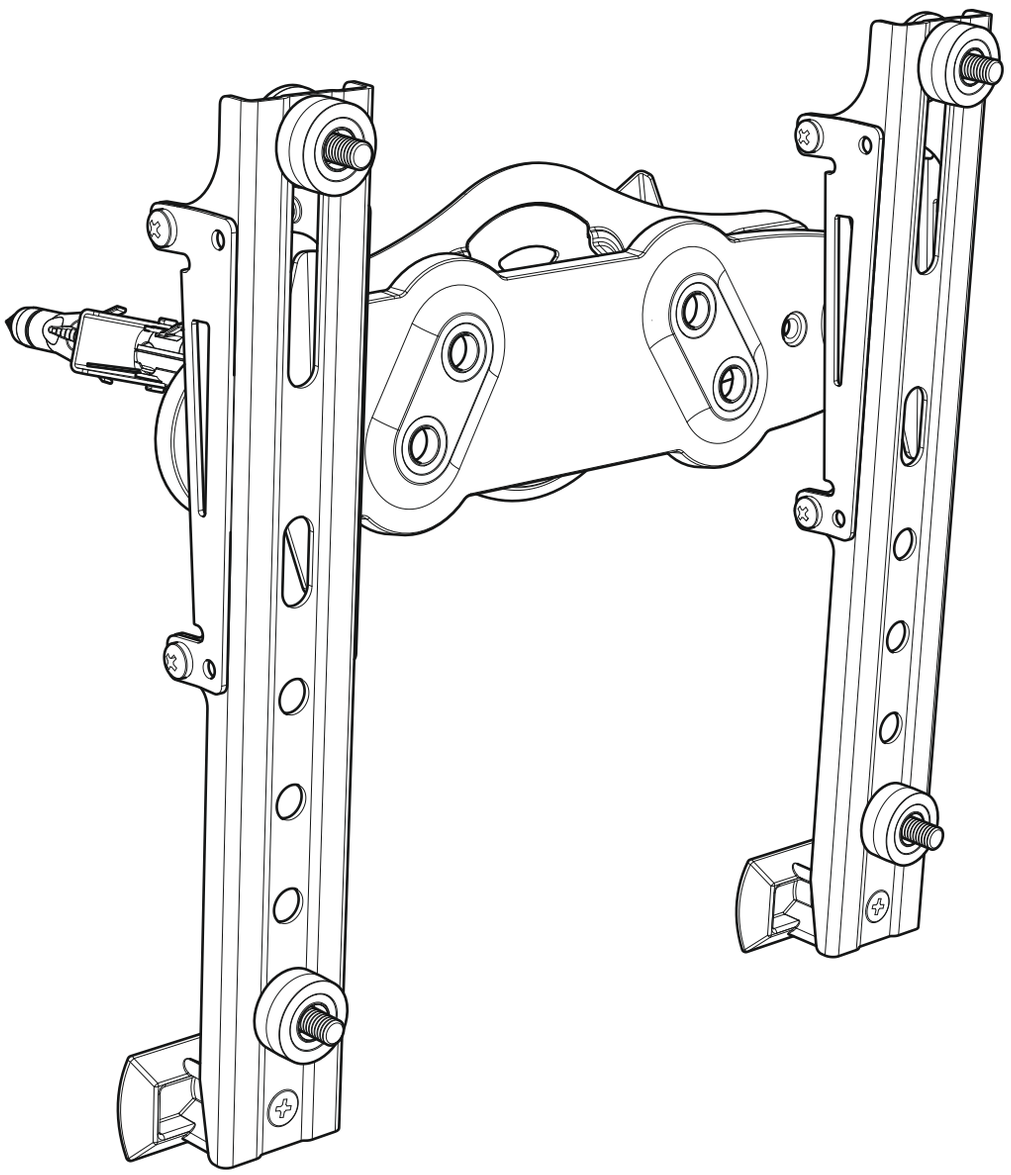
JML2401

Leaflet No. **463458** rev03



Read through ALL instructions before commencing installation.
If you have any questions about this product or issues with installation contact the customer services helpline before returning this product to the store. See jl.avfgroup.com/p/jml2401 for more information.

CUSTOMER SERVICES HELP LINE NUMBER:

01952 670009

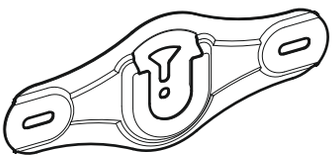
44lbs
20kg

39"
99cm

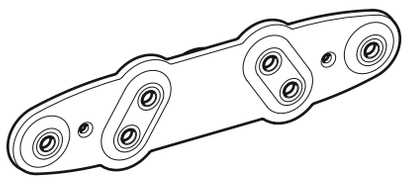
AVF Group Ltd. Hortonwood 30, Telford, Shropshire, TF1 7YE, England

1 Boxed Parts

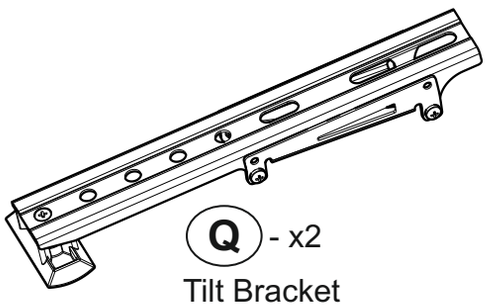
You will not need all these parts, so expect there to be some left over depending upon the specification of your TV.



A - x1
Wall Bracket



B - x1
Hanger



Q - x2
Tilt Bracket



C - x2
Stand-off

TV Fixings: Parts go on the back of the TV (specification of your TV will determine which ones you require - see section 9).



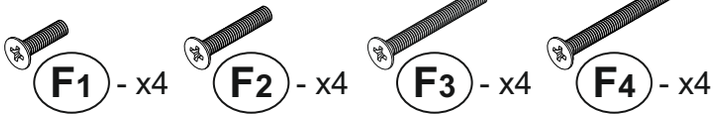
D1 - x12
Spacer

D2 - x4
Spacer (Red)

E1 - x4
M4 Adaptor

E2 - x4
M5 Adaptor

E3 - x4
M6 Adaptor

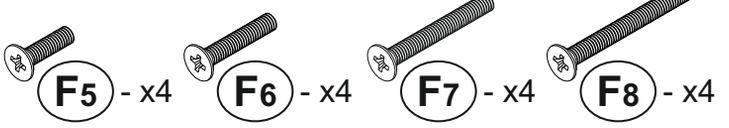


F1 - x4
M4 16mm

F2 - x4
M4 25mm

F3 - x4
M4 35mm

F4 - x4
M4 45mm

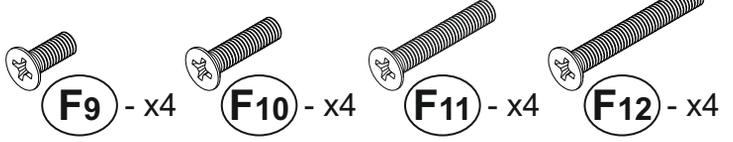


F5 - x4
M5 16mm

F6 - x4
M5 25mm

F7 - x4
M5 35mm

F8 - x4
M5 45mm



F9 - x4
M6 16mm

F10 - x4
M6 25mm

F11 - x4
M6 35mm

F12 - x4
M6 45mm



F13 - x6
M8 16mm

F14 - x4
M8 25mm

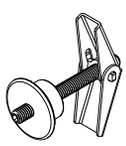
F15 - x4
M8 35mm

F16 - x4
M8 45mm

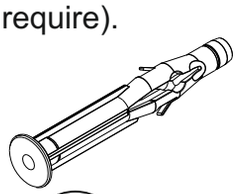


P - x4
Housing

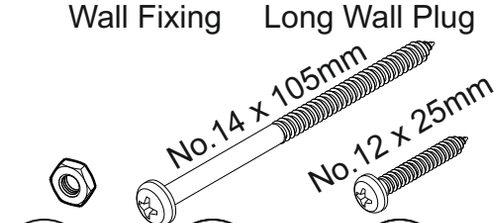
Wall Fixings: Parts to attach to the wall (type of wall will determine which fixings you require).



G - x2
Wall Fixing



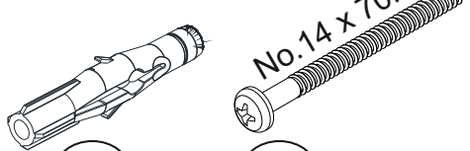
H - x2
Long Wall Plug



I - x4
Lock Nut

J - x2
Long Screw

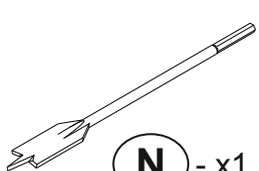
K - x1
Metal Stud Screw



L - x2
Wall Plug

M - x2
Screw

Included Tools

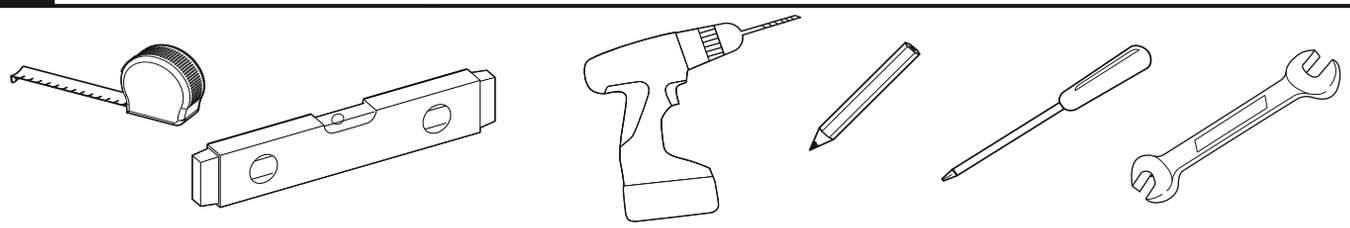


N - x1
18mm Wood Drill



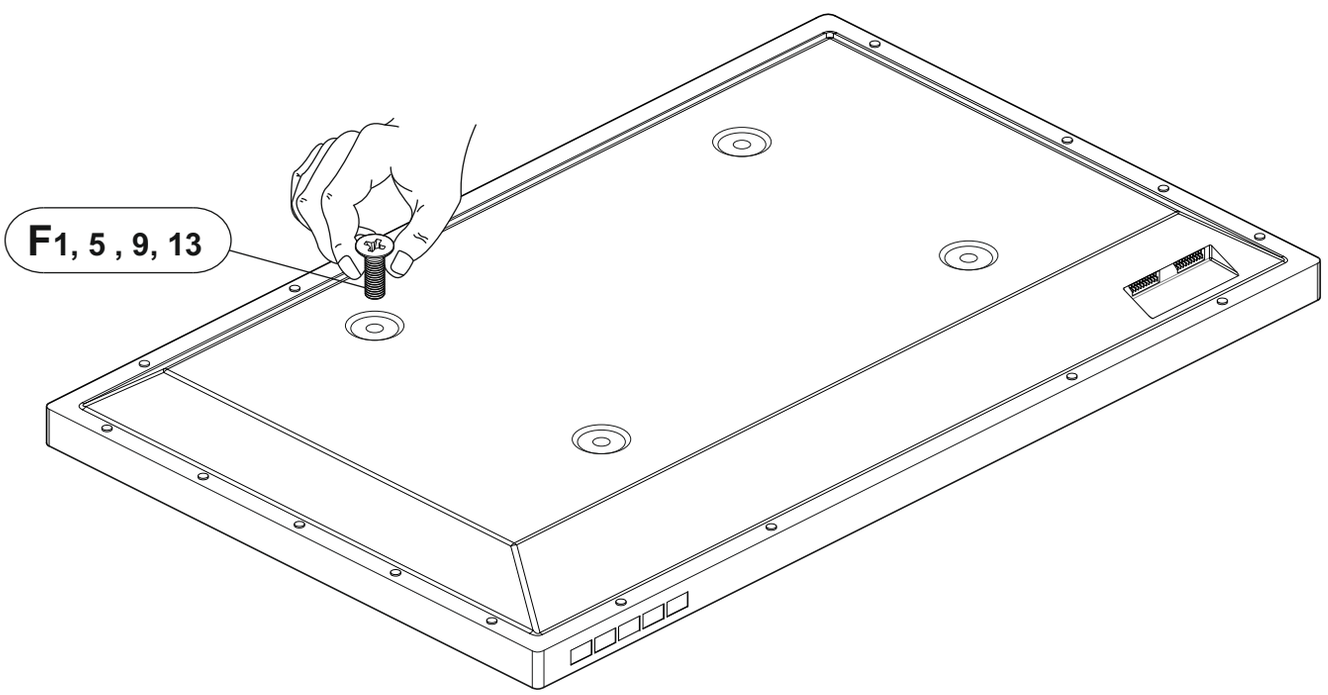
O - x1
3mm Hex Key

2 Tools Required



3 Determine Correct TV Screw Size

Choose from the TV Fixings selection. You need to determine which length and diameter of screws fits your TV. To determine the correct screw diameter, try screwing (**F1**), (**F5**), (**F9**) & (**F13**) into one of the fixing holes on the back of the screen until you find the one that fits. Note the thread size and ensure you use the appropriate diameter screws.



Flat or Tilt?

Before you start please choose if you would like your TV to be either Flat to Wall or in a Tilt position.

Flat to Wall

Follow steps 4 to 9

Tilt Position

Please go to step 10

Flat Position

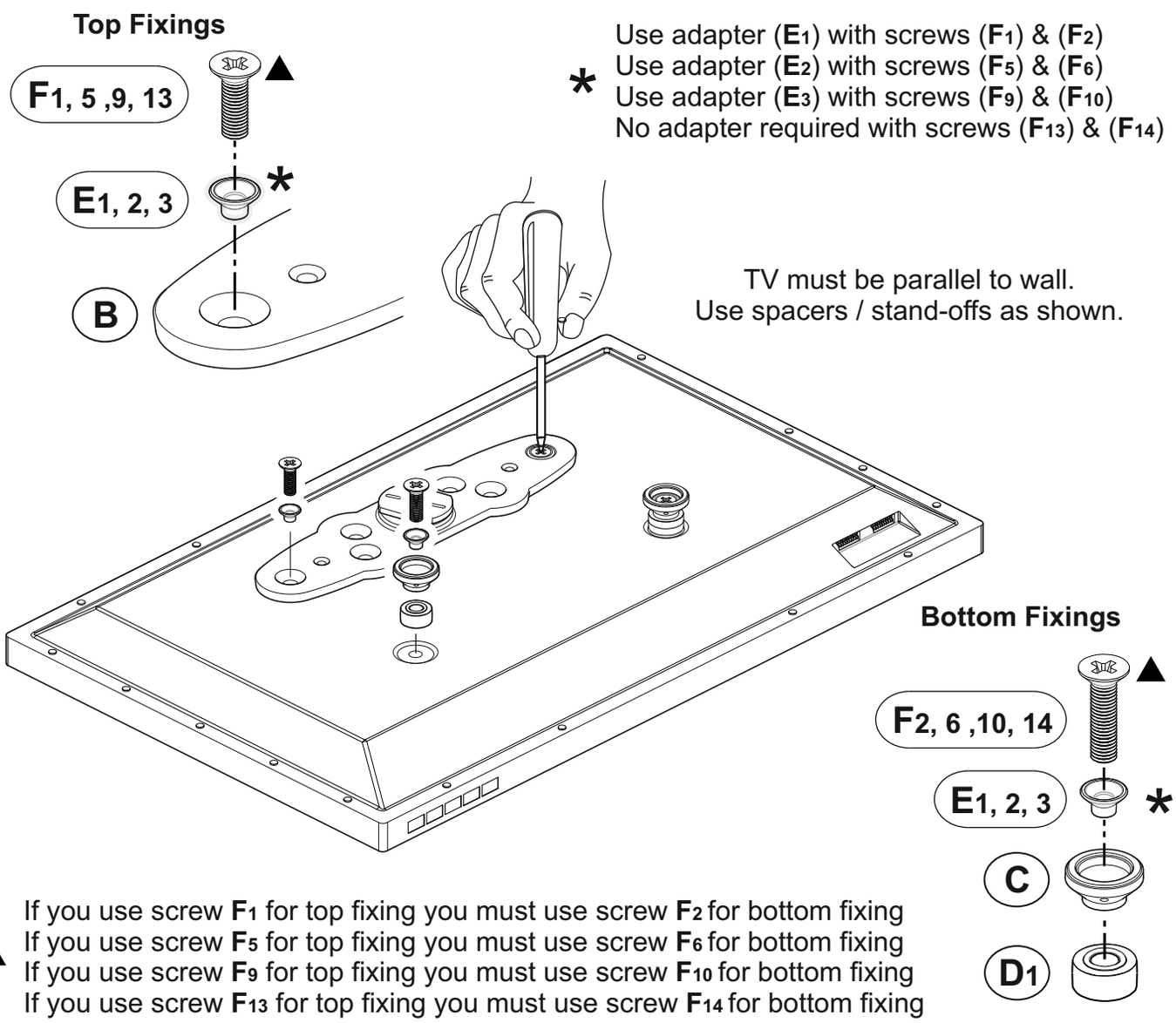
You will only need to follow steps 4 to 9 if you have chosen to have your TV in a flat position

4 Fit Screen Hangers To TV

Once you have established which screws you need for your TV you can attach the Adaptor (**B**) and Stand-offs (**C**) to the back of your TV.
Typical recommended examples shown are for fixings with the TV spaced 20mm from the wall. The TV Mount can position your TV between 20mm and 40mm from the wall. For alternative configurations see sections 9.
You might need to use spacers to increase the clearance of your TV from the wall in order to avoid cables coming out of your TV and improve access and ventilation to the back of your TV (spacers (**D1**) allow you to have a gap of 30mm or 40mm, see section 9).

In certain circumstances it may be necessary to use red spacer (**D2**) as either a replacement or addition to spacer (**D1**), for more information please see section 9.

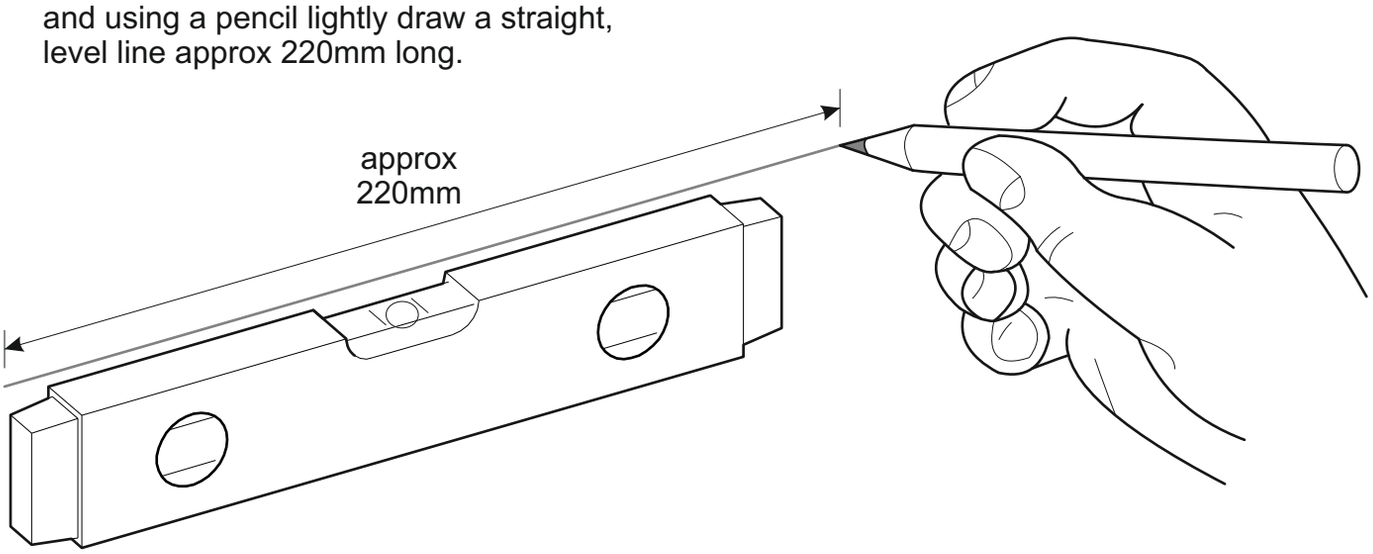
If your TV fixing centres don't fit, STOP installation and contact the customer services helpline.



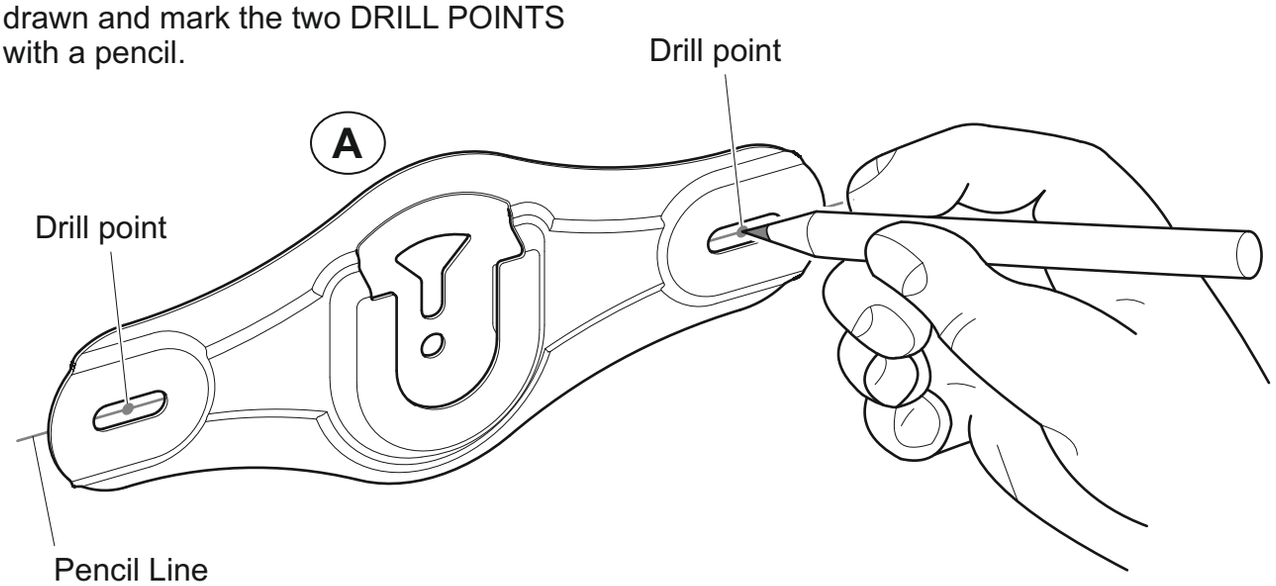
▲ If you use screw **F1** for top fixing you must use screw **F2** for bottom fixing
If you use screw **F5** for top fixing you must use screw **F6** for bottom fixing
If you use screw **F9** for top fixing you must use screw **F10** for bottom fixing
If you use screw **F13** for top fixing you must use screw **F14** for bottom fixing

5 Marking Wall For Drill Points

Decide the position of your wall bracket and using a pencil lightly draw a straight, level line approx 220mm long.



Use the Wall Bracket (**A**) as a template and position it on your wall. Ensure the bracket lines up with the line you have previously drawn and mark the two DRILL POINTS with a pencil.

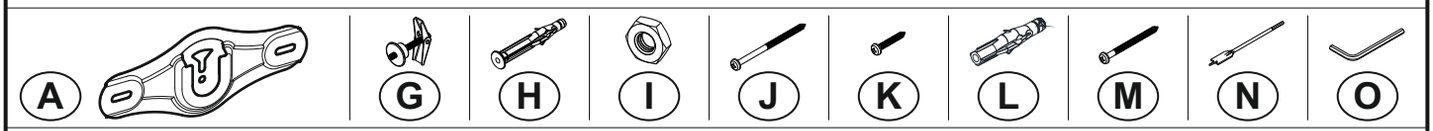


6 Planning & Preparation

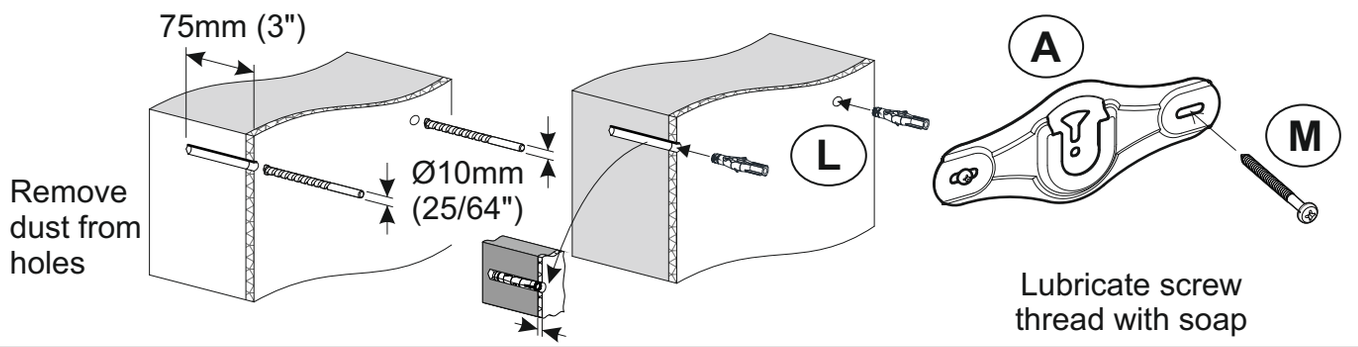
Determine the wall type that you have (i.e. Brick/Stud/Plasterboard/Sheetrock).
Ensure the drilling area is free from mains services (Gas/Electric/Water).
Drill two 3mm diameter pilot holes to verify the wall type and select the appropriate fixings (See Section 7).

7 Install Wall Fixings

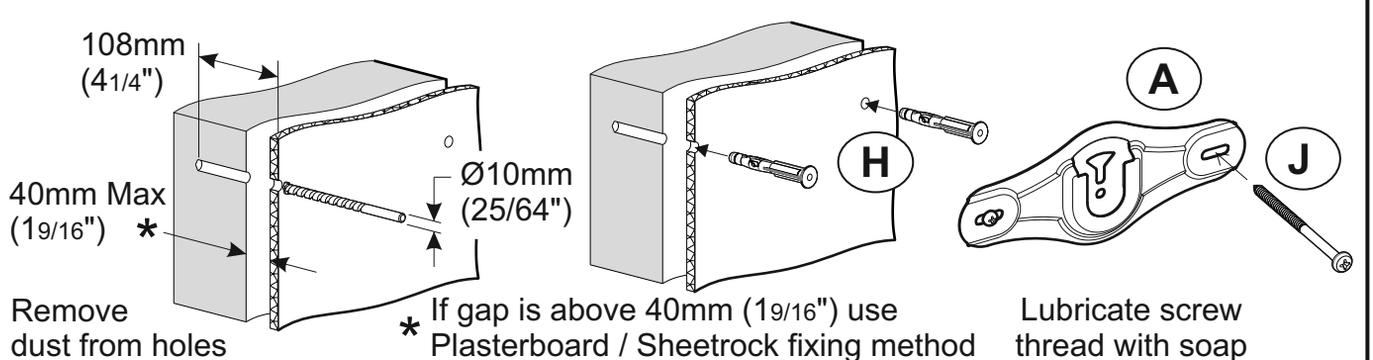
Use the correct fixings for your wall type. Mixing fixing types may be required for installations that span different wall types. DO NOT OVER TIGHTEN SCREWS.



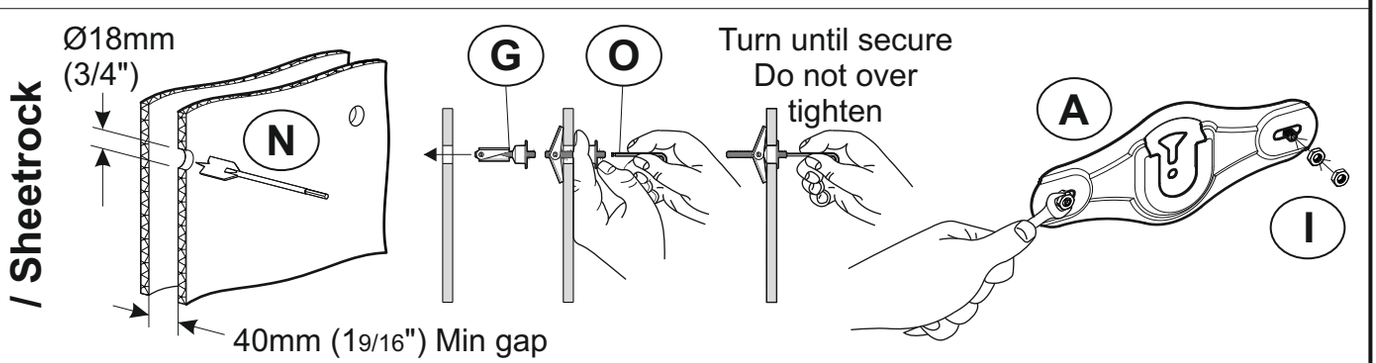
Solid Wall



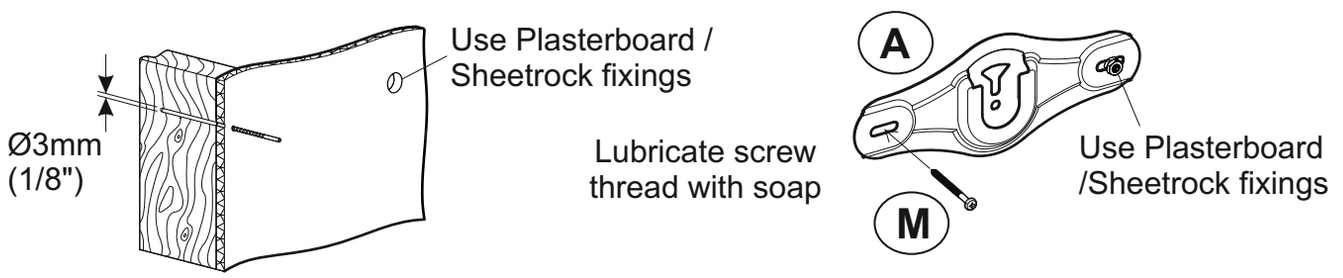
Dot & Dab



Plasterboard / Sheetrock

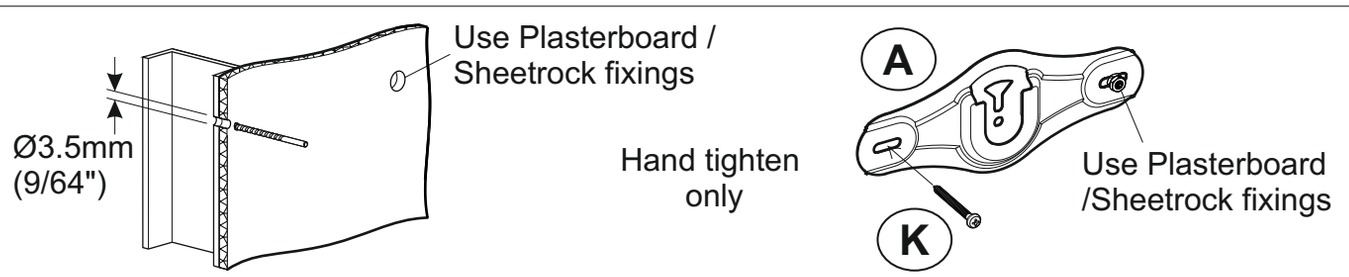


Wood Stud



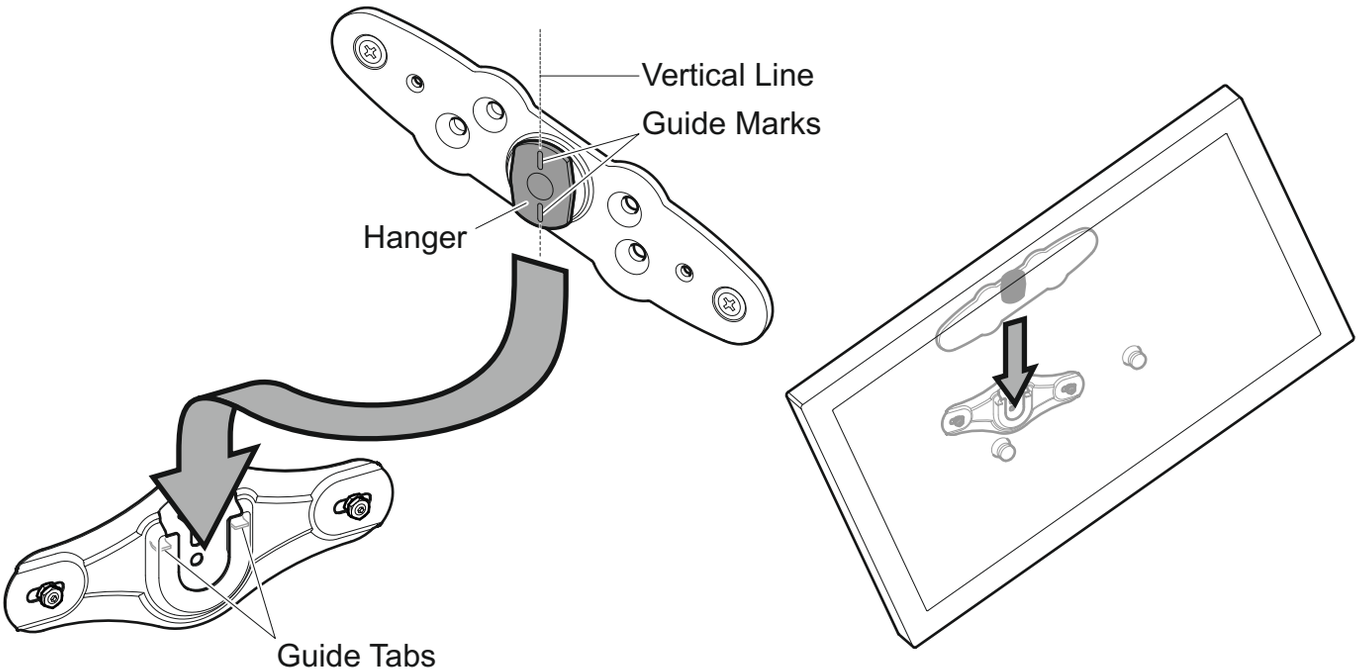
Only one fixing will be in the wood stud. The other fixings will be in plasterboard / sheetrock (see above).

Metal Stud



Only one fixing will be in the metal stud. The other fixings will be in plasterboard / sheetrock (see above).

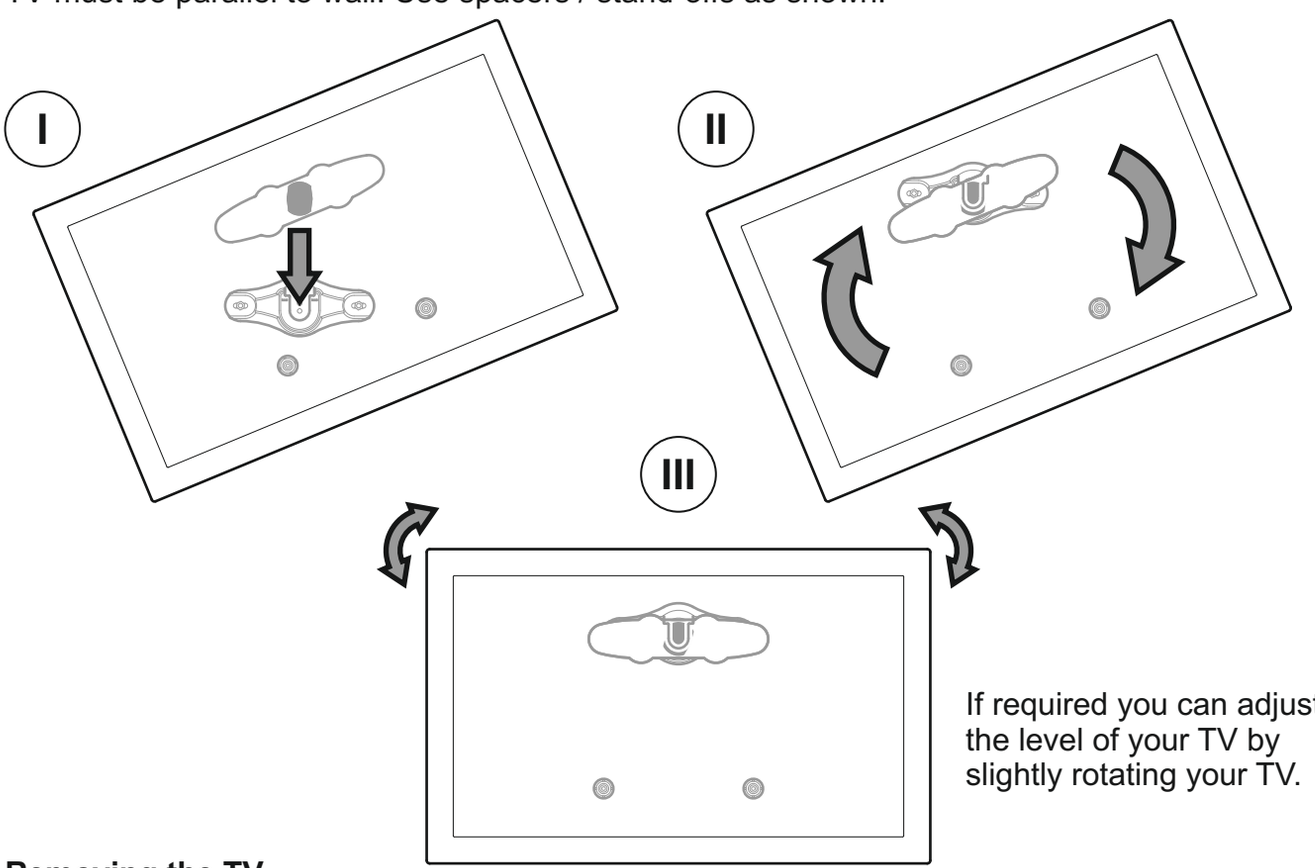
8 Hanging The TV



Rotate your TV so that the guide marks on the hanger are vertical. Next slide your TV down so that the hanger goes between the two guide tabs on the wall bracket. Ensure the hanger is fully engaged and rotate clockwise until your TV is level.

If cables from your TV prevent the TV resting against the wall then an alternative hanger configuration will be required (See Section 9).

TV must be parallel to wall. Use spacers / stand-offs as shown.

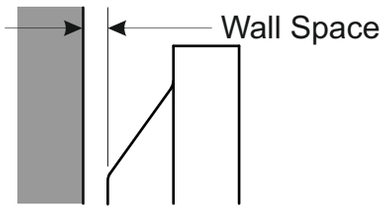


If required you can adjust the level of your TV by slightly rotating your TV.

Removing the TV

This is a two person job. To remove the TV rotate anti-clockwise between 15-30° and lift TV up and out (ie reverse the movements as shown above).

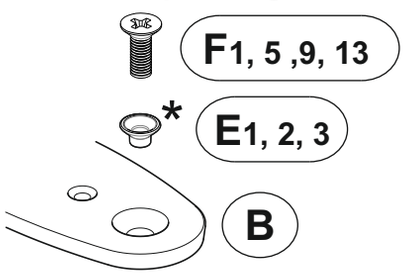
9 Alternative Hanger Configurations



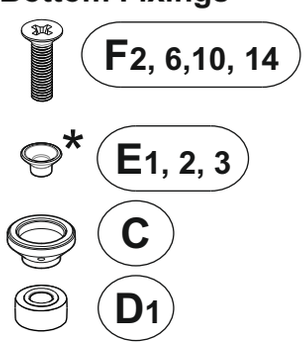
Alternative Wall spacings of 20mm, 30mm & 40mm can be achieved using the spacer / screw combinations listed in this section.

20mm Wall Space
(as shown in section 4)

Top Fixings

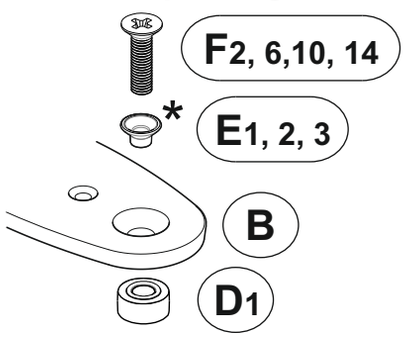


Bottom Fixings

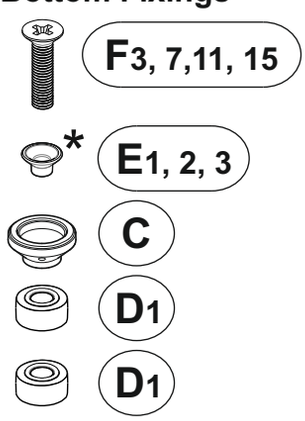


30mm Wall Space

Top Fixings

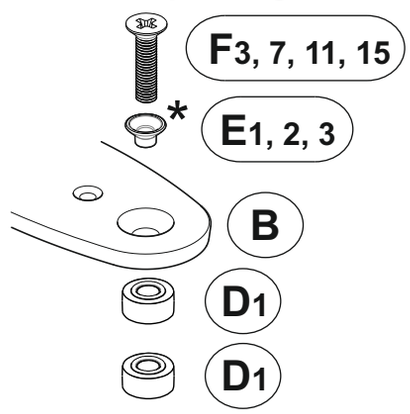


Bottom Fixings

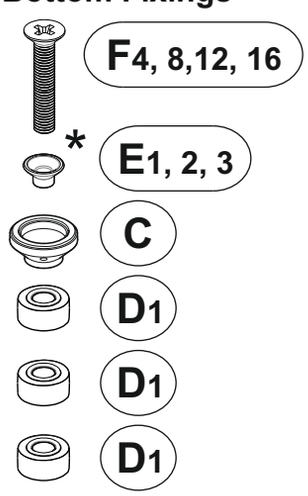


40mm Wall Space

Top Fixings



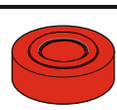
Bottom Fixings



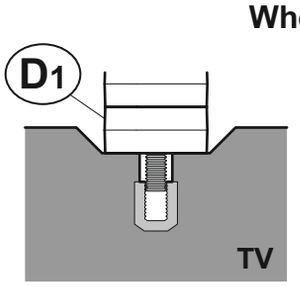
TV must be parallel to wall. Use spacers / stand-offs as shown.

* Use adapter (**E1**) with screws (**F1**), (**F2**), (**F3**) & (**F4**)
Use adapter (**E2**) with screws (**F5**), (**F6**), (**F7**) & (**F8**)
Use adapter (**E3**) with screws (**F9**), (**F10**), (**F11**) & (**F12**)
No adapter required with screws (**F13**), (**F14**), (**F15**) & (**F16**)

When is it necessary to use red spacers?

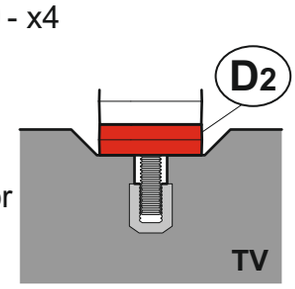


D2 - x4



Problem
Not enough screw engagement

It is recommended that when fitting Adaptor (**B**) and Stand-offs (**C**) to your TV you have at least 5-10mm of screw engagement. In certain circumstances you may need to use red spacers (**D2**) as either a replacement, or together with spacers (**D1**) to achieve this. Whenever you use red spacers (**D2**) you must use all 4 provided.



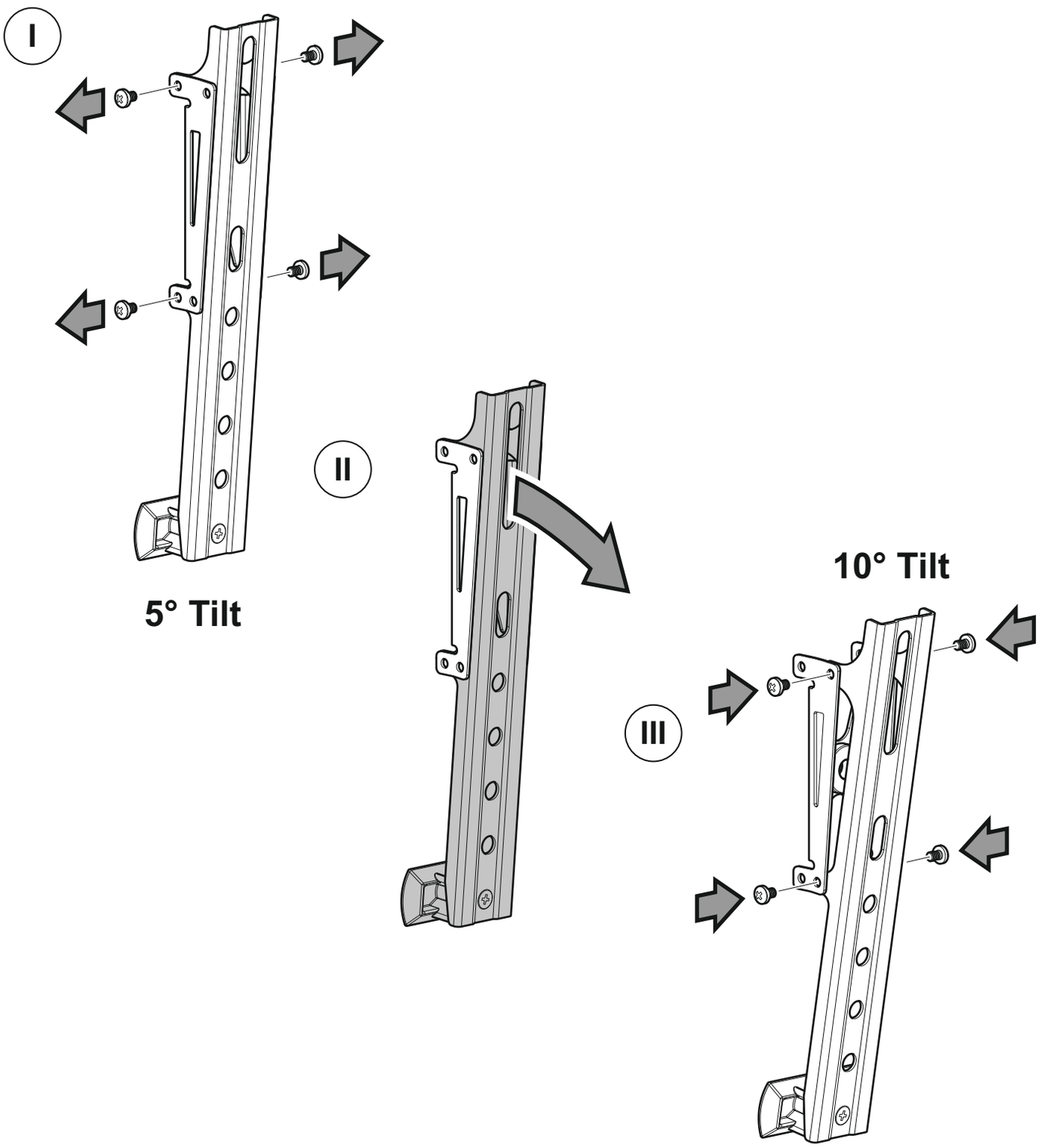
Solution
Red spacer (**D2**) has replaced spacer (**D1**)

Tilt Position

You will only need to follow steps 10 to 17 if you have chosen to have your TV in a tilted position

10 Choose Tilt

Your bracket can be tilted in 2 different positions, either 5° or 10°. If you choose 5° tilt you will not need to do anything. If you choose 10° tilt you will need to remove screws as indicated, pull the tilt bracket forward and replace screws as indicated.



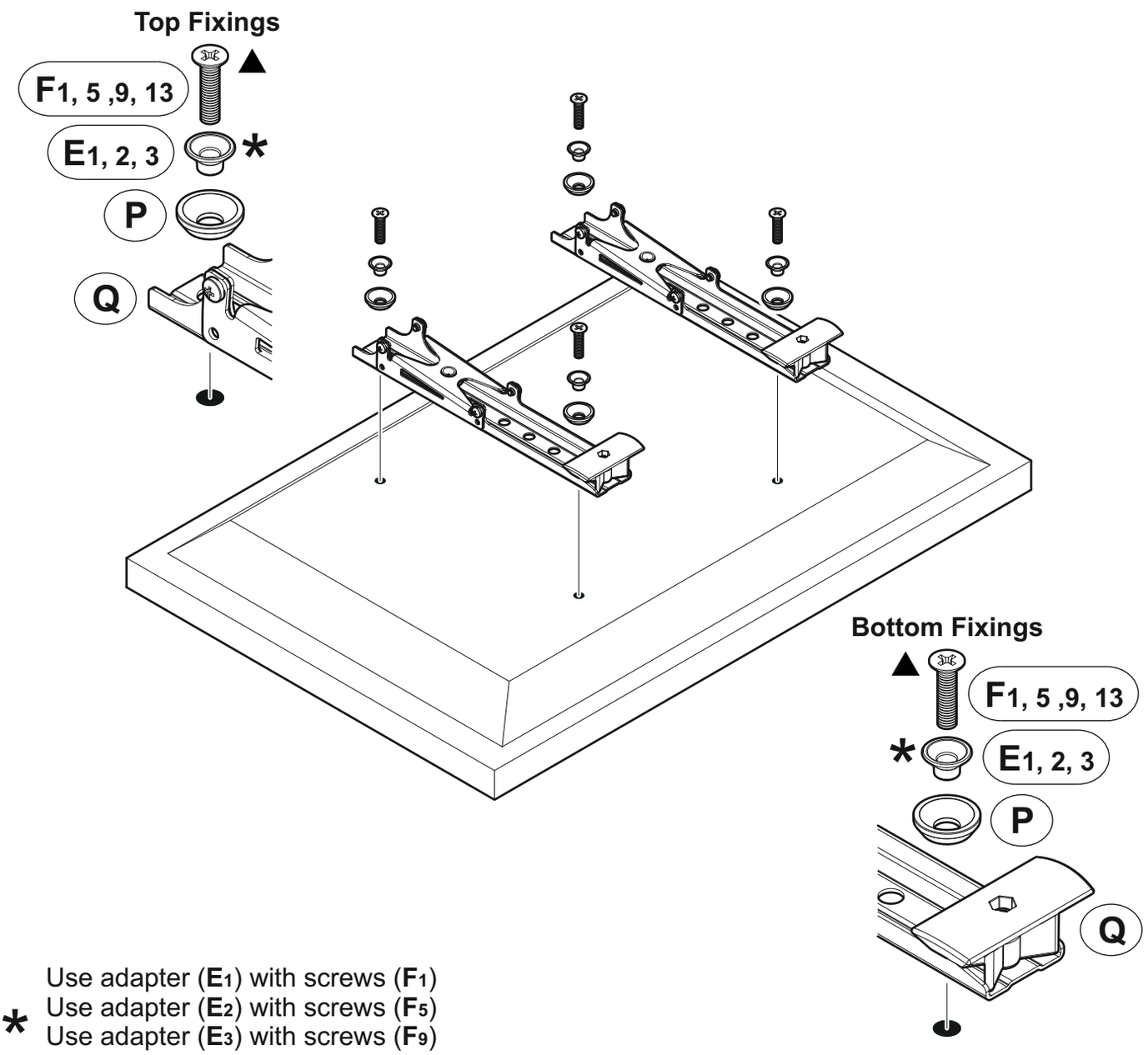
11 Fit Tilt Brackets to TV

Once you have established which screws you need for your TV you can attach Tilt brackets (**Q**) to the back of your TV.

Example shown below is only for TV's with a flat back. Should you require more space for cables and to improve access and ventilation to the back of your TV you will need to add spacers (**D1**), see section 17.

In certain circumstances it may be necessary to use red spacer (**D2**) in addition to the fixings below, for more information see section 17.

If your TV fixing centres don't fit, STOP installation and contact the customer services helpline.

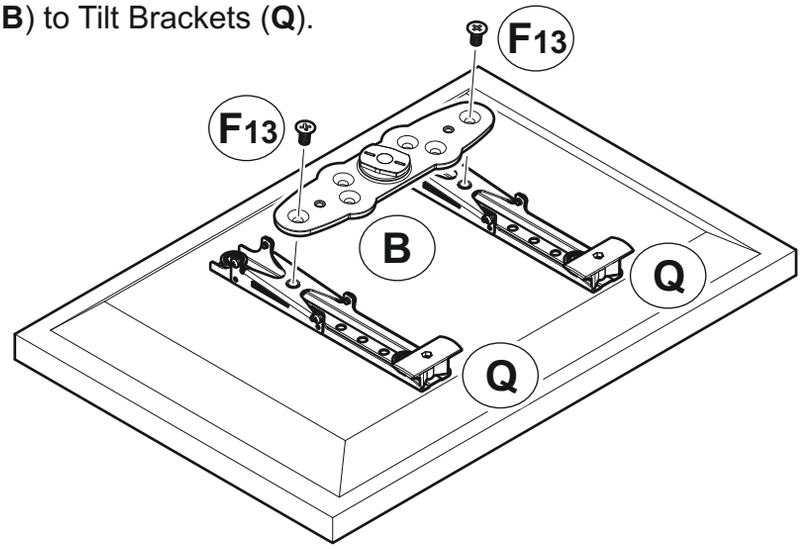


* Use adapter (**E1**) with screws (**F1**)
Use adapter (**E2**) with screws (**F5**)
Use adapter (**E3**) with screws (**F9**)
No adapter required with screws (**F13**)

▲ If you use screw **F1** for top fixing you must use screw **F1** for bottom fixing
If you use screw **F5** for top fixing you must use screw **F5** for bottom fixing
If you use screw **F9** for top fixing you must use screw **F9** for bottom fixing
If you use screw **F13** for top fixing you must use screw **F13** for bottom fixing

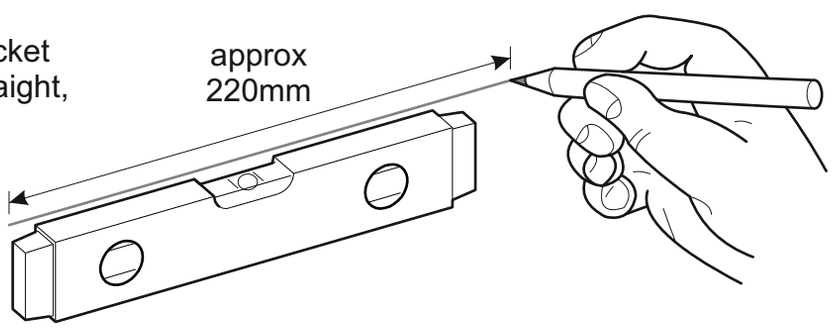
12 Fit Hanger to Tilt Brackets

Attach Hanger (**B**) to Tilt Brackets (**Q**).

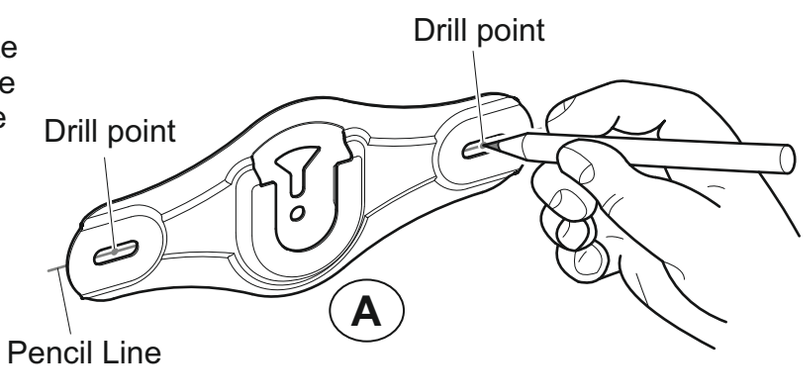


13 Marking Wall For Drill Points

Decide the position of your wall bracket and using a pencil lightly draw a straight, level line approx 220mm long.



Use the Wall Bracket (**A**) as a template and position it on your wall. Ensure the bracket lines up with the line you have previously drawn and mark the two DRILL POINTS with a pencil.

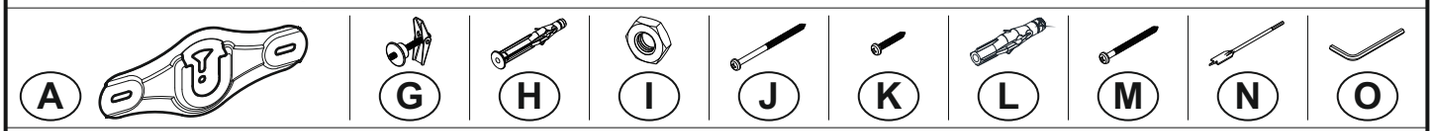


14 Planning & Preparation

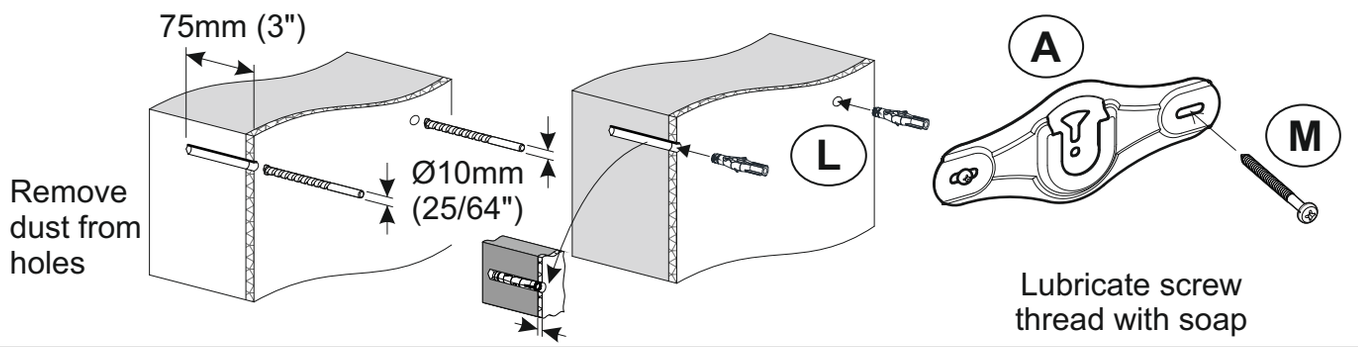
Determine the wall type that you have (i.e. Brick/Stud/Plasterboard/Sheetrock).
Ensure the drilling area is free from mains services (Gas/Electric/Water).
Drill two 3mm diameter pilot holes to verify the wall type and select the appropriate fixings (See Section 15).

15 Install Wall Fixings

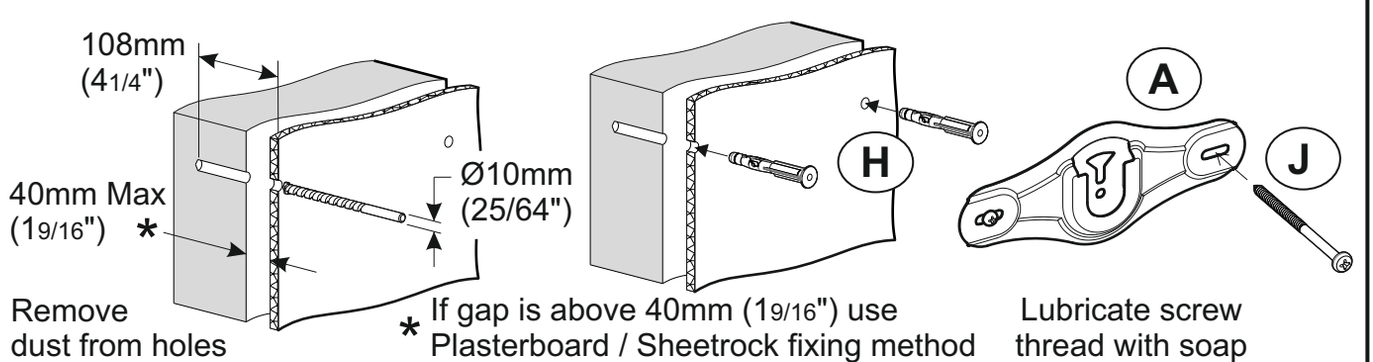
Use the correct fixings for your wall type. Mixing fixing types may be required for installations that span different wall types. DO NOT OVER TIGHTEN SCREWS.



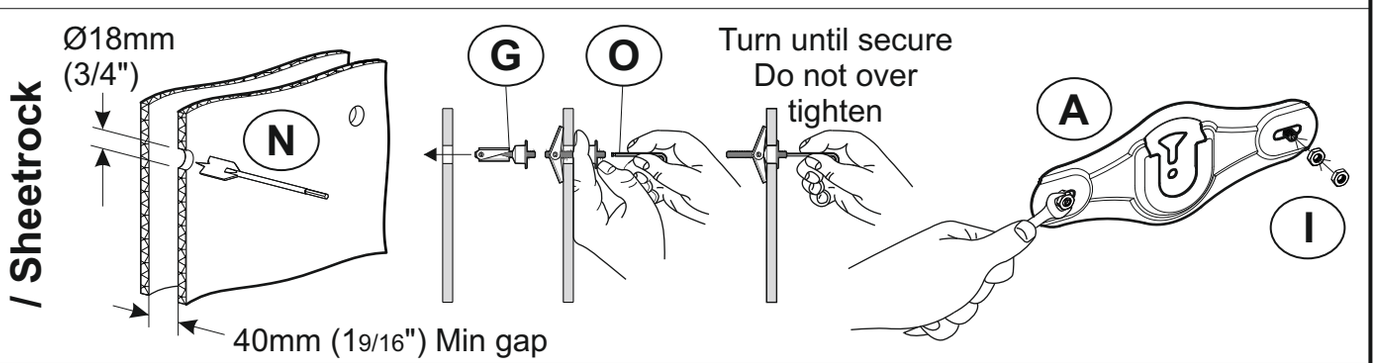
Solid Wall



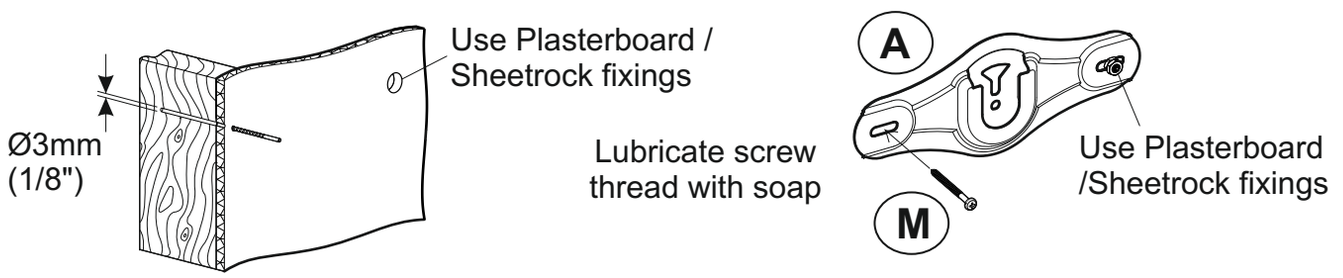
Dot & Dab



Plasterboard / Sheetrock

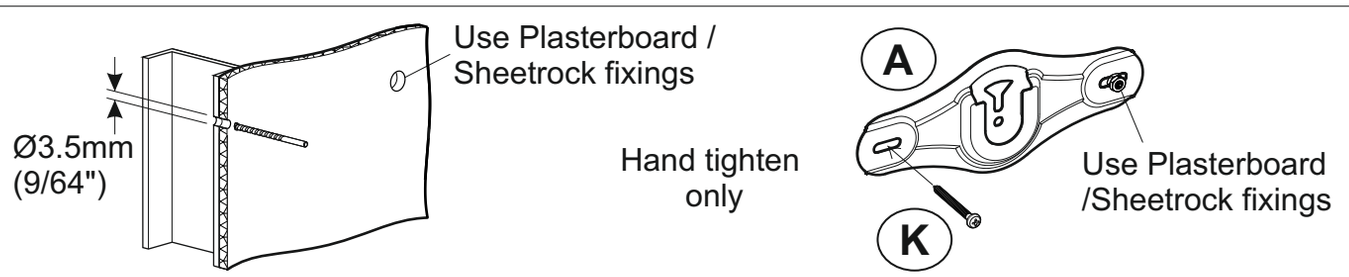


Wood Stud



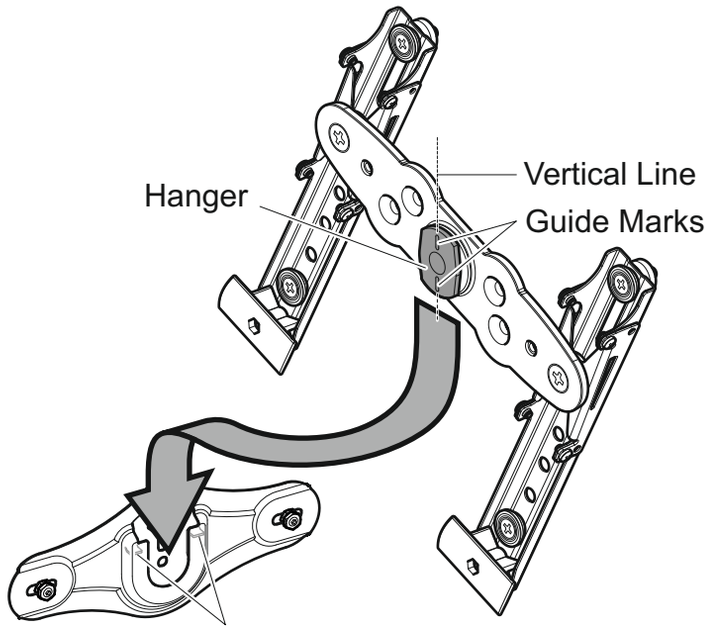
Only one fixing will be in the wood stud. The other fixings will be in plasterboard / sheetrock (see above).

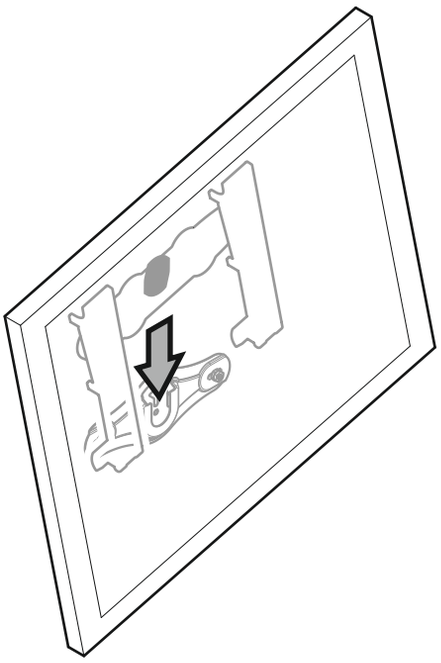
Metal Stud



Only one fixing will be in the metal stud. The other fixings will be in plasterboard / sheetrock (see above).

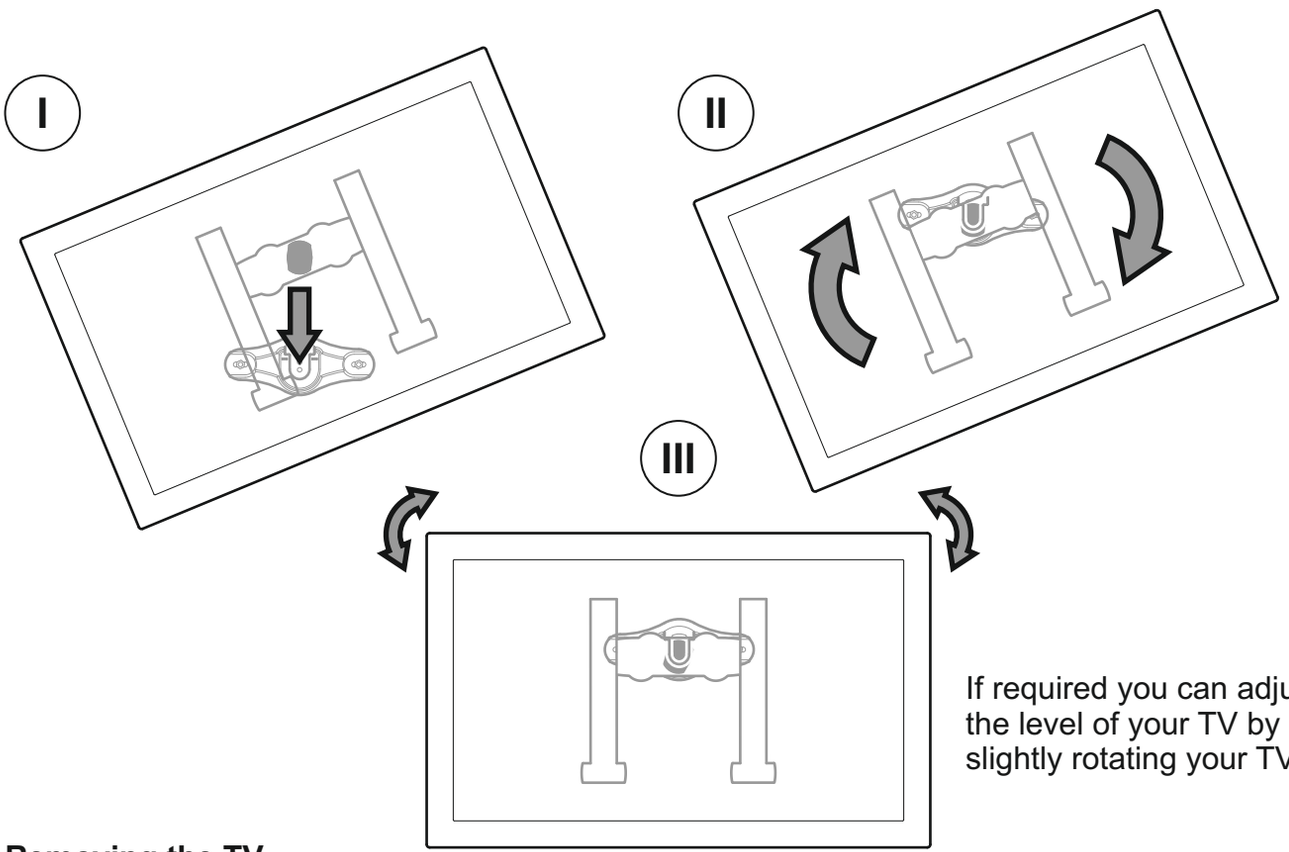
16 Hanging The TV





Rotate your TV so that the guide marks on the hanger are vertical. Next slide your TV down so that the hanger goes between the two guide tabs on the wall bracket. Ensure the hanger is fully engaged and rotate clockwise until your TV is level.

If cables from your TV prevent the TV resting against the wall then an alternative hanger configuration will be required (See Section 17).



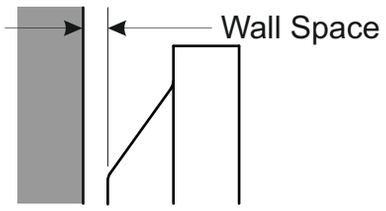
If required you can adjust the level of your TV by slightly rotating your TV.

Removing the TV

This is a two person job. To remove the TV rotate anti-clockwise between 15-30° and lift TV up and out (ie reverse the movements as shown above).

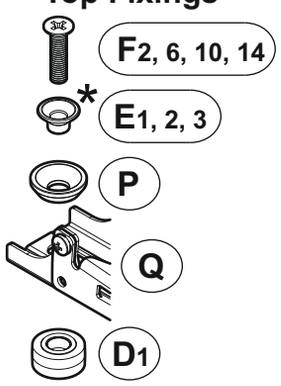
17 Alternative Hanger Configurations

Alternative Wall spacings can be achieved using the spacer / screw combinations listed in this section.

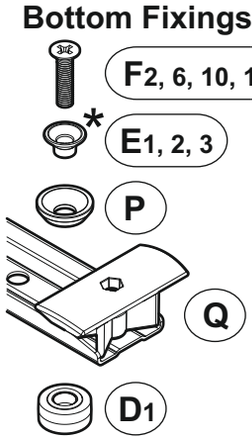


1 Spacer Combination

Top Fixings

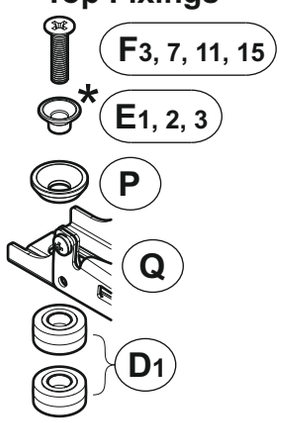


Bottom Fixings

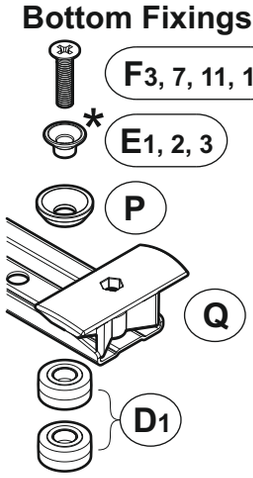


2 Spacer Combination

Top Fixings

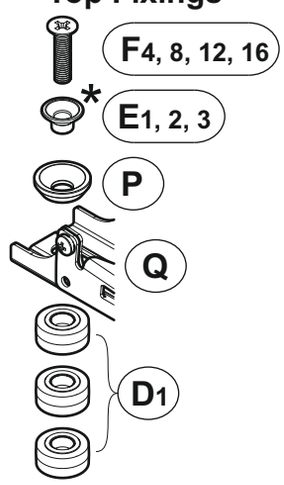


Bottom Fixings

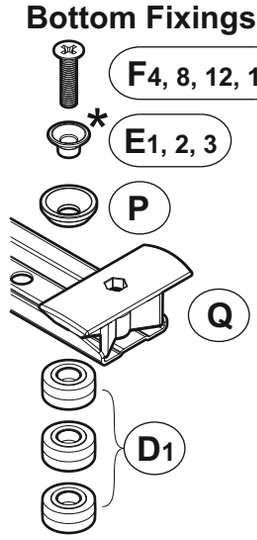


3 Spacer Combination

Top Fixings



Bottom Fixings

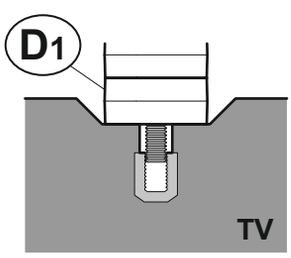


* Use adapter (**E1**) with screws (**F2**), (**F3**) & (**F4**)
Use adapter (**E2**) with screws (**F6**), (**F7**) & (**F8**)
Use adapter (**E3**) with screws (**F10**), (**F11**) & (**F12**)
No adapter required with screws (**F14**), (**F15**) & (**F16**)

When is it necessary to use red spacers?

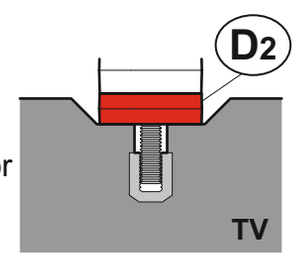


D2 - x4



Problem
Not enough screw engagement

It is recommended that when fitting Adaptor (**B**) and Stand-offs (**C**) to your TV you have at least 5-10mm of screw engagement. In certain circumstances you may need to use red spacers (**D2**) as either a replacement, or together with spacers (**D1**) to achieve this. Whenever you use red spacers (**D2**) you must use all 4 provided.



Solution
Red spacer (**D2**) has replaced spacer (**D1**)