



Assembly instructions for dual screen kits **PMVTROLLEYXLDS1**
& **PMVTROLLEYXLDS2** on to **PMVTROLLEYXL** or **PMVSTAND**.

PMVTROLLEYXLDS1 - x2 40" - 55" up to 30Kg per screen.

PMVTROLLEYXLDS2 - x2 27" - 46" up to 30Kg per screen in landscape.
- x2 47" - 55" up to 30Kg per screen in portrait

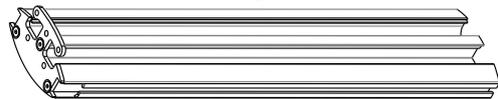
- Read these instructions carefully before assembling this equipment.
- Assemble in a suitable location.
- Check the equipment has been supplied with all parts and fixtures prior to assembly.
- Three people will be required for assembly and for installation of the screens on to the equipment.
- Do not attempt to alter or modify any part of the equipment or its attachments.
- Do not use if any parts are broken or appear to be damaged.
- Only use fixings provided with this bracket.
- Tighten all bolts and fixings securely with appropriately sized tools.
- Do not position the equipment close to sources of heat or moisture.

Component checklist

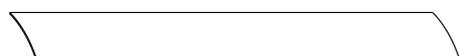
900mm aluminium extrusion assembled with joining plate x2 (**PMVTROLLEYXLDS1**)



600mm extrusion with joining plate x2 (**PMVTROLLEYXLDS2**)



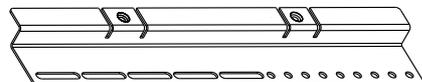
600mm trim inserts x3 (**DS1**) x2 (**DS1**)



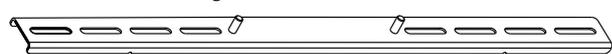
Extrusion trim pieces x2



Vertical TV mounting arms x4



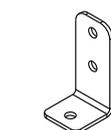
Horizontal TV mounting arms x4



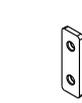
Support brace x1



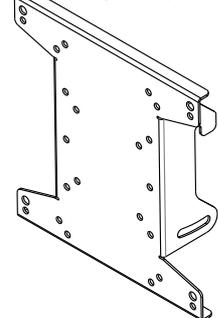
Top supports x2



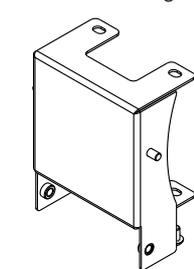
Open sliders x4



Tilting VESA plate x2



Screen mount hanger x2



TV mounting plate sliders x4

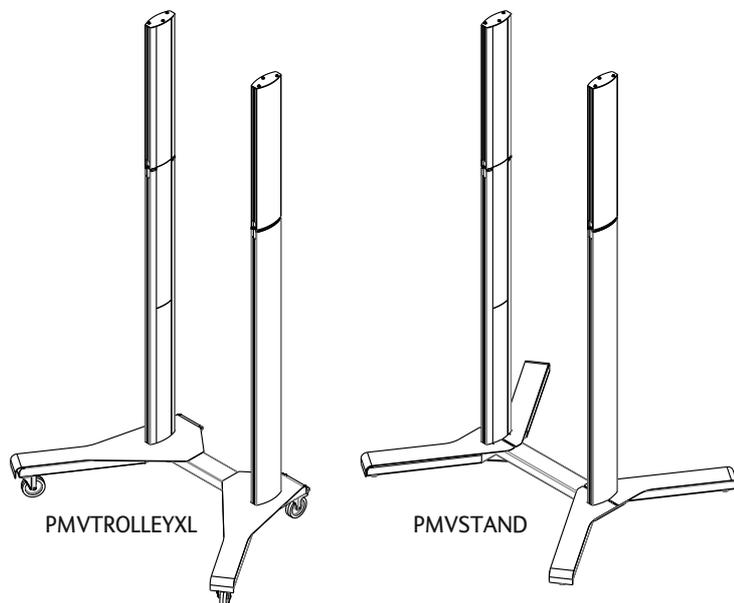


Single stud slider x4



NOTE:

- **PMVTROLLEYXLDS1** & **PMVTROLLEYXLDS2** are not standalone products, they should knowingly be sold and used as an accessory(s) for **PMVTROLLEYXL** or **PMVSTAND** only.
- **PMVTROLLEYXL** should be built in full prior to installation of the TV bracket as per its instructions. The x4 lower trim inserts can be installed but it may be beneficial to install the x2 upper trim inserts after the trolley and dual screen accessory are fully installed and cabling can be tidied.
- **PMVSTAND** should be built in full as per its included instructions. The x4 lower trim inserts can be installed but it may be beneficial to install the x2 upper trim inserts after the trolley and dual screen accessory are fully installed and cabling can be tidied.
- If your trolley or stand are assembled with castors, ensure the brakes are applied until installation of screens and they are bolted in to their final position.



Trim Inserts:

- You may find it easier to insert one of each 600mm trim inserts in to each of the extrusions before installing the dual screen kit on to the trolley.
- For **PMVTROLLEYXLDS1** you will need to cut your third trim insert at its mid length with sharp scissors or a safety knife or as your needs require.
- Inserts can be installed by sliding them down the formed grooves of the extrusion or placed in one groove and popped in to the opposing groove.
- The trim pieces can be cut with a safety knife after installation to make small entry and exit points for cables.
- Trim inserts are made from a plastic board material and like any paper or cardboard product can be sharp. Do not pull or tug your cables against edges of the board as this may damage the protective sheath of the cable.

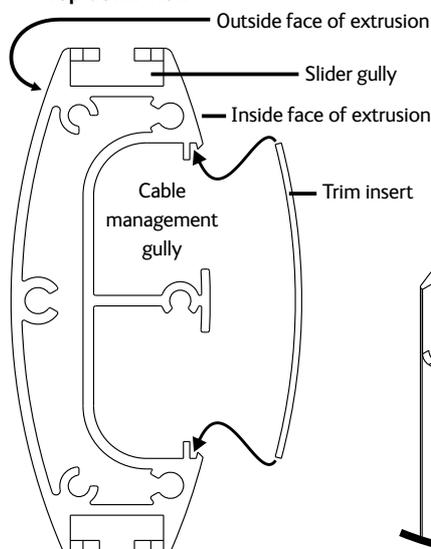
Assembly fixing kit checklist

	A - M8 washer	X40
	B - M8 x 12mm	X28
	C - M8 nut cover	X4
	D - M8 x 16mm	X3
	E - M8 nut	X12

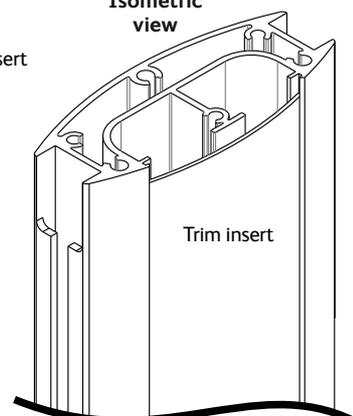
Screen fixing kit checklist

	F - M4 x 20mm	X8
	G - M5 x 20mm	
	H - M6 x 20mm	
	I - M8 x 20mm	
	J - M5 washer	X8
	K - M6 washer	
	L - M8 washer	
	M - M4 x 5mm	X8
	N - M5 x 5mm	
	O - M6 x 6mm	
	P - M6 x 6mm	

Top down view



Isometric view

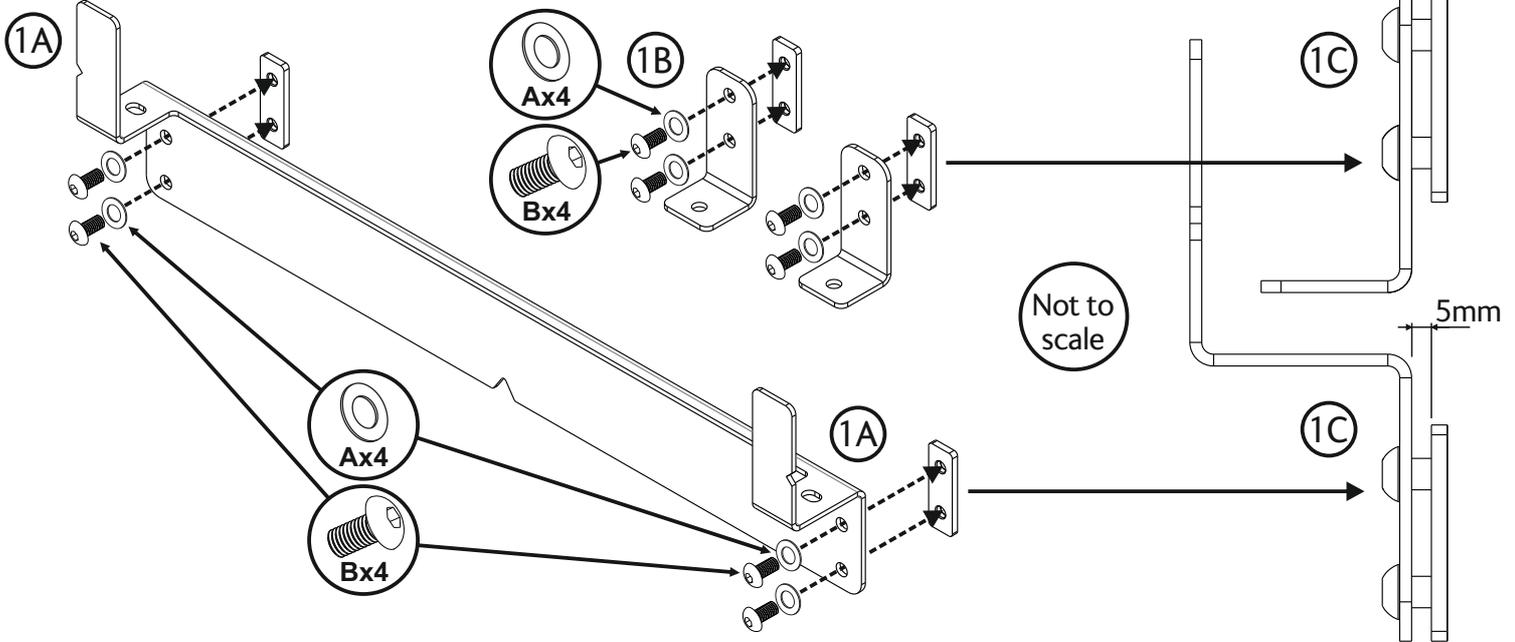


1 Component assembly

1A - Assemble together the extrusion support brace with two open 'sliders' using x4 (A) M8 washers and x4 (B) M8x12mm button head bolts - Fig 1A

1B - Assemble together the x2 extrusion top supports with x2 open 'sliders' each using x2 (A) M8 washers and x2 (B) M8x12mm button head bolts - Fig 1B

1C - Ensure there is a 5mm gap between the brace / support bracket and the sliders to allow easy fitment to the trolley or stand - Fig 1C



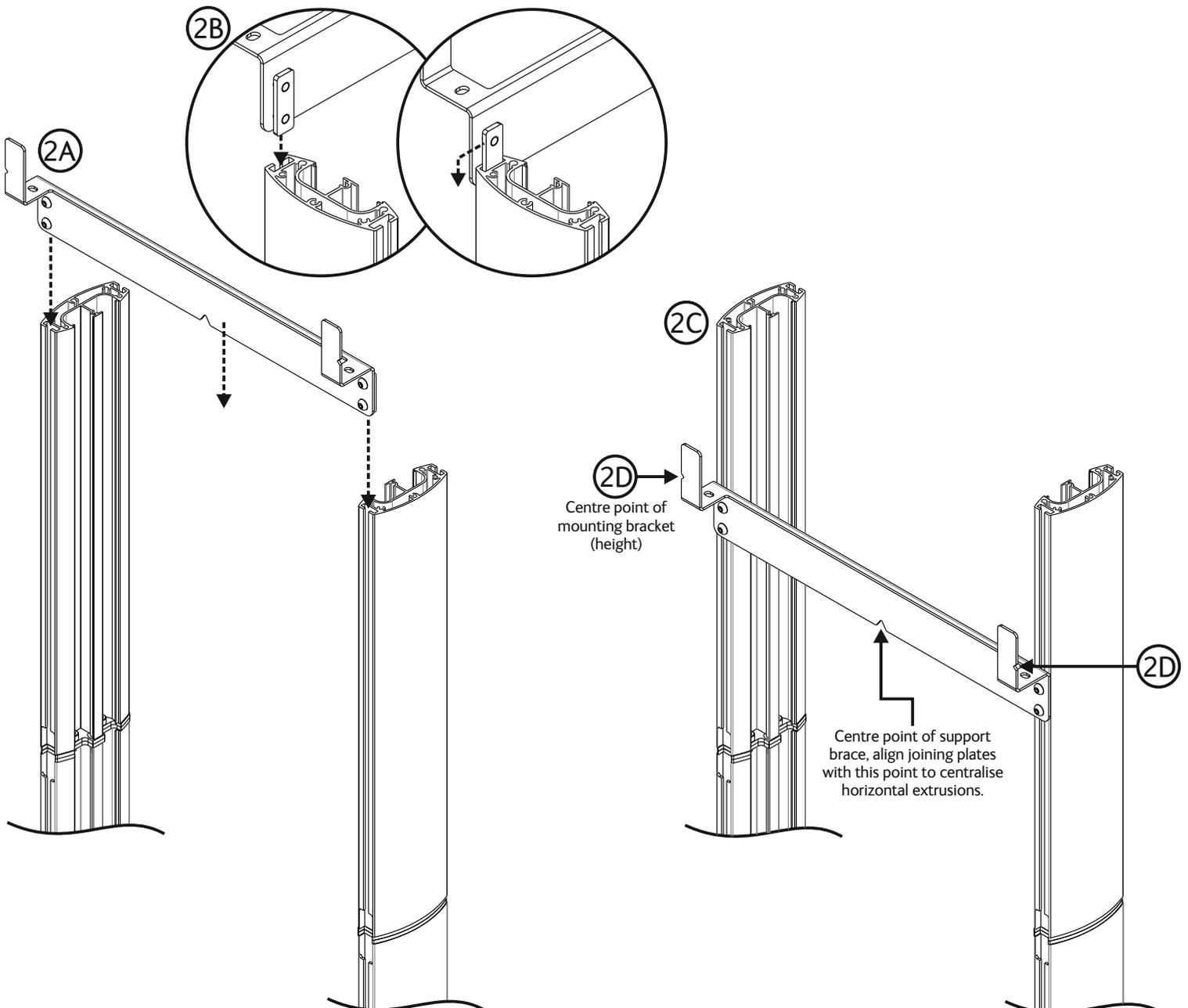
2 Assembly on to trolley / stands.

2A - Take the assembled support brace and sliders and position them above your trolley / stand facing forwards. - Fig 2A

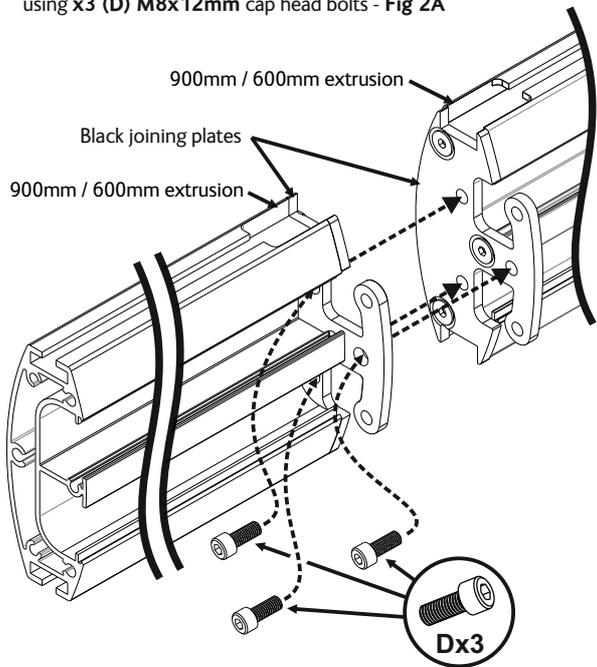
2B - The sliders on both ends of the support brace need to be inserted in to the slider gully - Fig 2B The support brace needs to be level at all times.

2C - Position the support brace at the desired height and tighten bolts in a diagonal pattern whilst the brace is level to fix its height. - Fig 2C. Tighten appropriately.

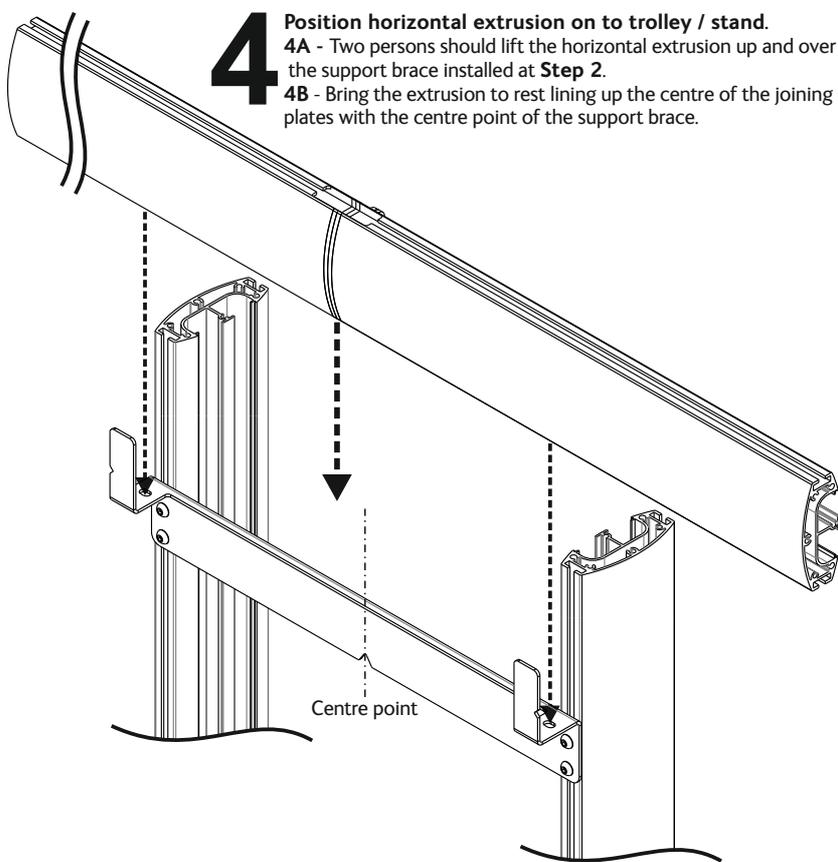
2D - There are matching cut-outs on each side of the support brace, these denote the centre point of the height of the fixing patterns. Although this may not be the centre of the screen itself it will allow you to work out the desired height of the screens if you do want them to be at a very specific height - Fig 2D



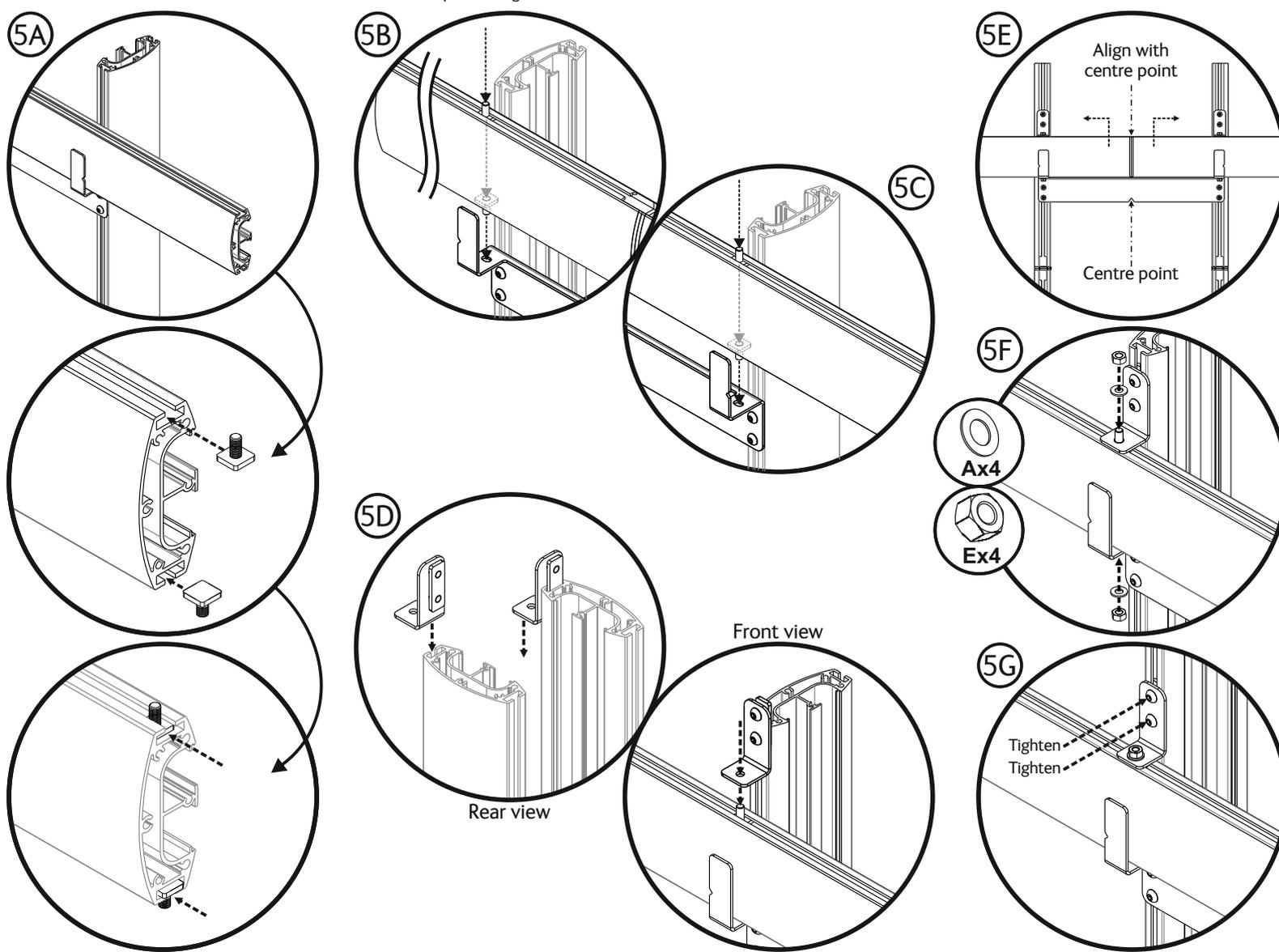
3 Assemble extrusions together
Note - Lay extrusions on a soft surface so as not to mark the paint finish, with assistance you can assemble the extrusions whilst they're upright.
3A - Assemble together the two extrusions via the black joining plates using x3 (D) M8x12mm cap head bolts - Fig 2A



4 Position horizontal extrusion on to trolley / stand.
4A - Two persons should lift the horizontal extrusion up and over the support brace installed at Step 2.
4B - Bring the extrusion to rest lining up the centre of the joining plates with the centre point of the support brace.



5 Secure horizontal extrusion in place.
5A - One end at a time, insert a studded slider in to the upper and lower slider gullies.
5B - Move sliders along the gully until you reach the brace, lift one end of the extrusion slightly and direct the slider's stud in to the corresponding hole in the brace. - Fig 5B
5C - Repeat step 5B for the opposing end of the horizontal extrusion, also align the upper studded sliders with the lower studded sliders. - Fig 5C
5D - Insert the x2 'Top support braces' into the slider gully and position the corresponding hole over the studs on the upper two sliders - Fig 5D
5E - Centre the extrusion by gently moving it left or right until the meeting point of the two joining plates aligns with the cut-out centre point of the support brace. - Fig 5E
5F - Secure the horizontal extrusion once centred by adding fixings to both 'top support braces' x4 (A) M8 washers and x4 (E) M8 nuts - Fig 5F
5G - Tighten the x4 M8 x 12mm button head bolts (from Step 1B) and secure the x2 'Top support braces' in place - Fig 5G. Tighten appropriately.
5H - Ensure the horizontal extrusion is still level before proceeding.



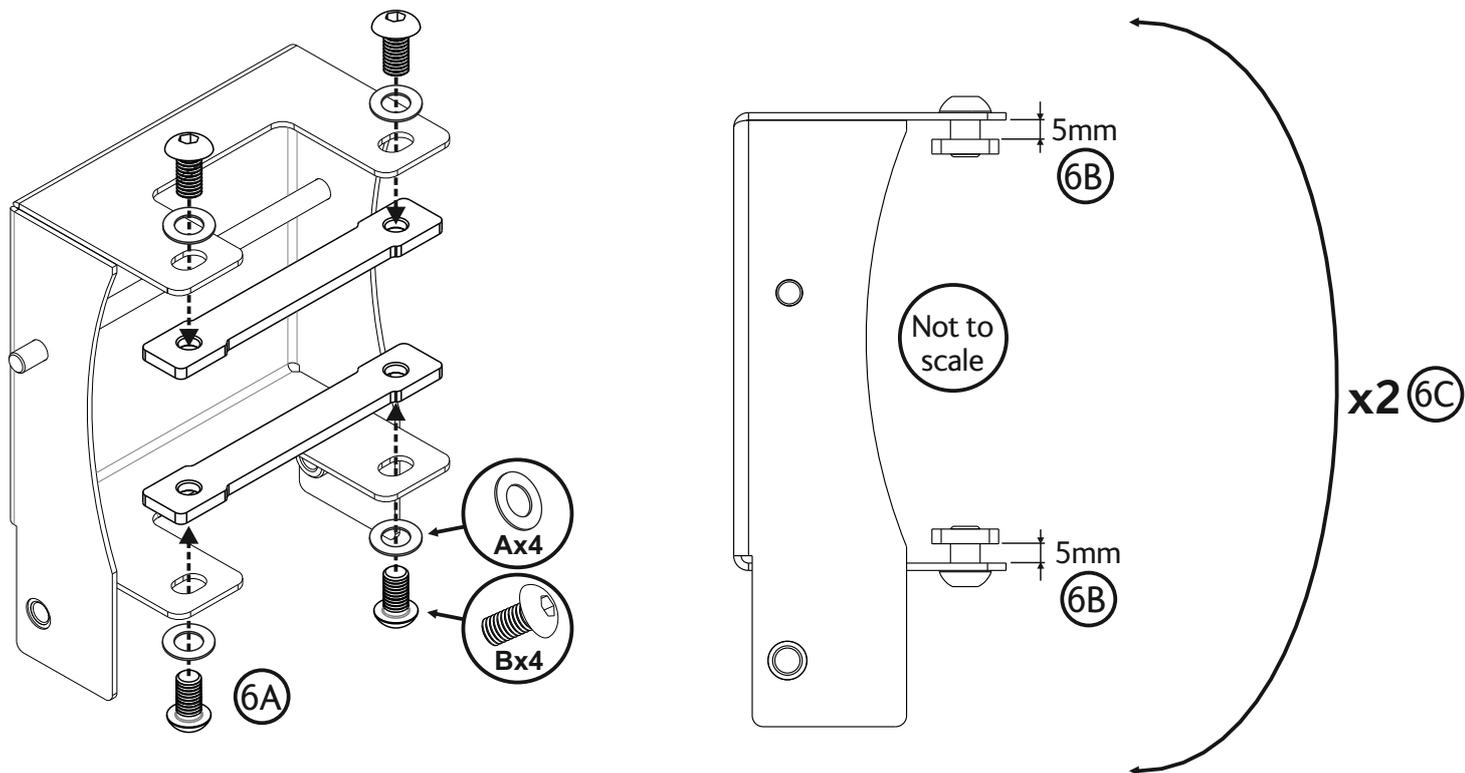
6

Assemble screen mounts with sliders

6A - Assemble x2 'TV mounting plate sliders' on the inside of a TV mounting plate using x4 M8 x 12mm button head bolts - Fig 6A

6B - Leave a 5mm gap between the slider and the mounting plate - Fig 6b

6C - Repeat above steps so you have two matching assembled mounting plates ready to install.



7

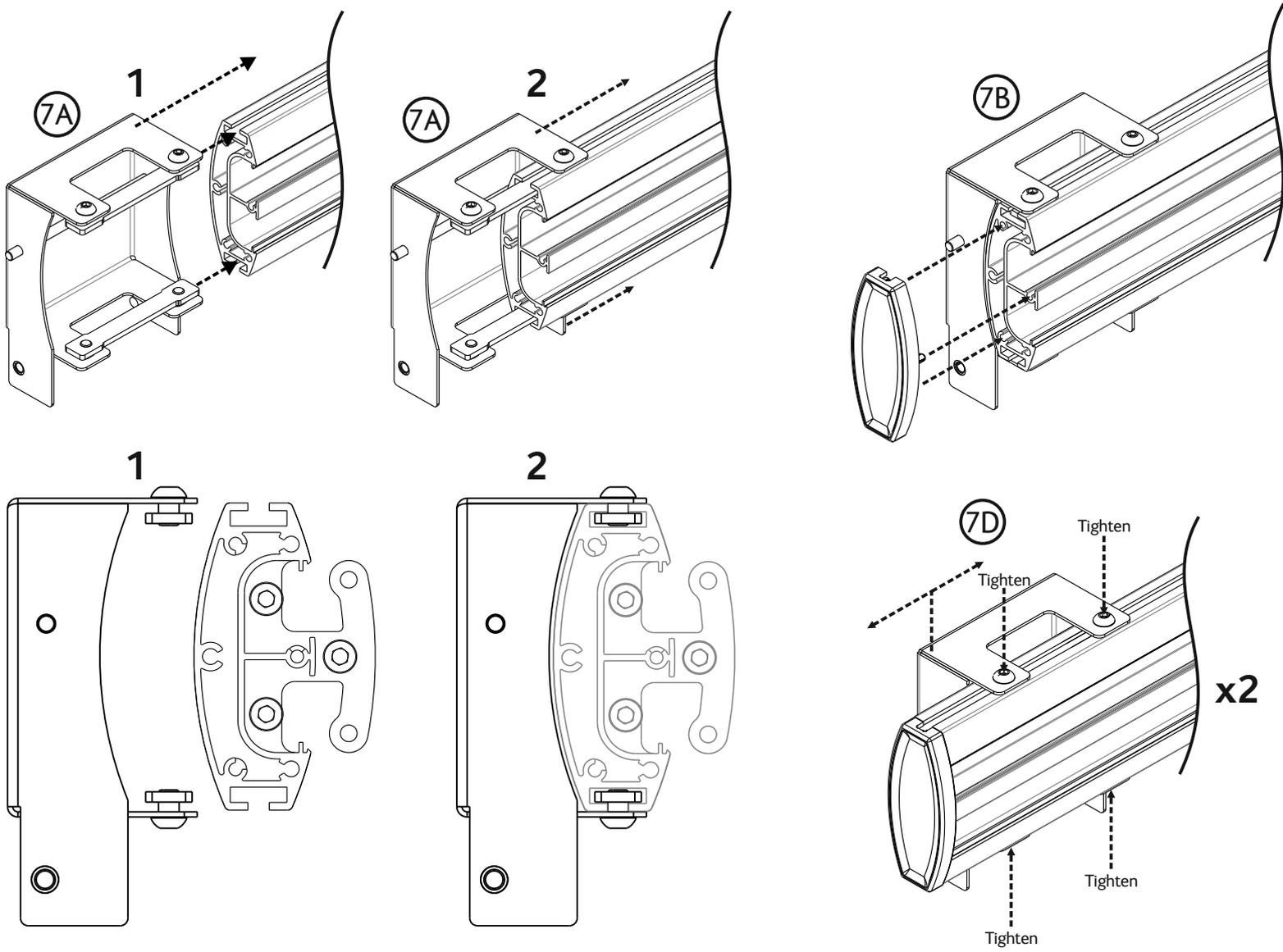
Fit and secure TV mounting plates to horizontal extrusion

7A - Slide each mounting plate on to the horizontal extrusion guiding the upper and lower sliders in to the corresponding slider gullies - Fig 7A

7B - After each TV mounting plate is fully installed on the horizontal extrusion fit both extrusion trim pieces - Fig 7b

7C - Repeat above steps so you have both mounting plates installed on the horizontal extrusion, one on each end and secured with the end trim.

7D - Lightly tighten upper and lower fixings on both sliding mounts to prevent their movement whilst mounting the screens. - Fig 7D



8

Attach mounting frame to TV / display / screen.

Note: For screens with a VESA pattern of 200x200 or less proceed to **step 8A**.

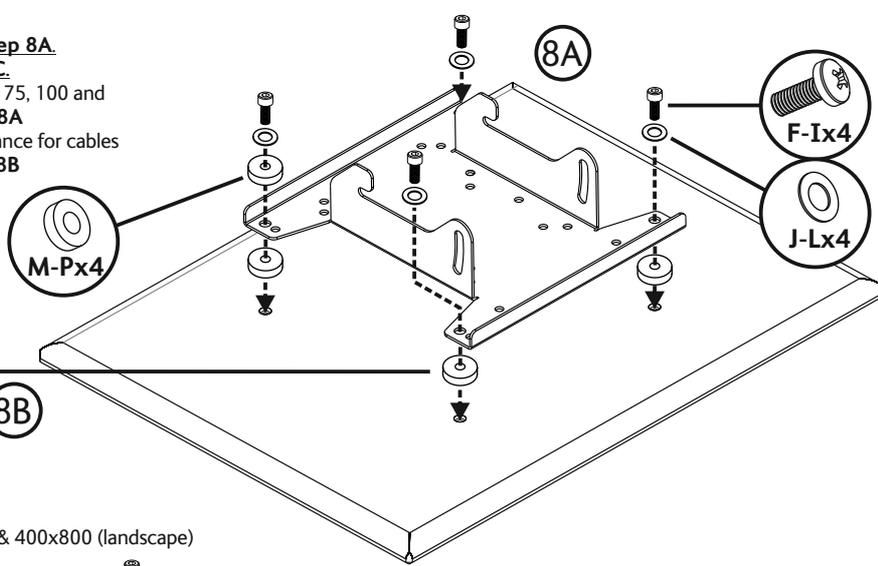
Note: For screens with VESA patterns over 200x200 proceed to **step 8C**.

8A - Attach TV tilt plate directly to back of screen for screens with VESA 75, 100 and 200, use fixings suitable to your screen from universal TV fixing kit - **Fig 8A**

8B - If the screen is uneven, has raised moulded areas or you need clearance for cables you can utilise the spacers from your kit with included longer bolts - **Fig 8B**

Note: Spacers can be used under the bolt head to reduce the effect length of the bolt.

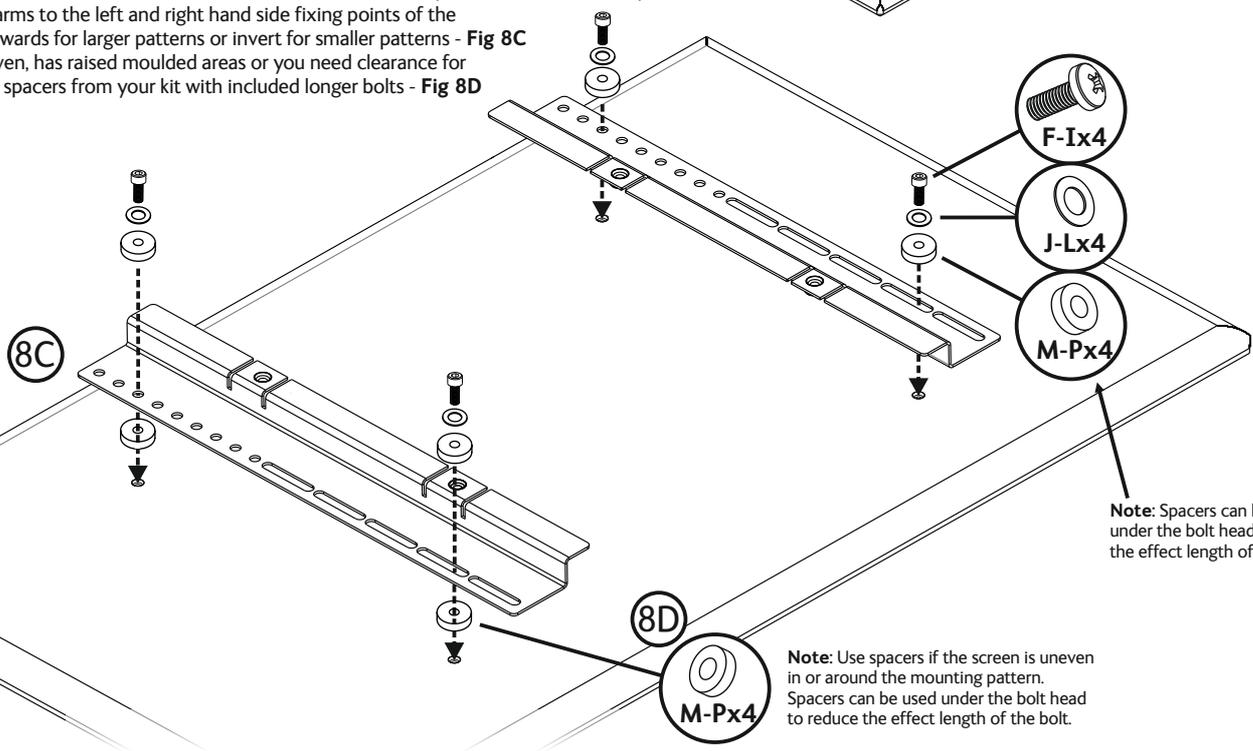
Note: Use spacers if the screen is uneven in or around the mounting pattern. Spacers can be used under the bolt head to reduce the effect length of the bolt.



Note: For VESA patterns of 300, 400, 600x400, 800x400, 400x600 (landscape) & 400x800 (landscape)

8C - Attach the vertical arms to the left and right hand side fixing points of the screen, face the arms outwards for larger patterns or invert for smaller patterns - **Fig 8C**

8D - If the screen is uneven, has raised moulded areas or you need clearance for cables you can utilise the spacers from your kit with included longer bolts - **Fig 8D**



Note: Spacers can be used under the bolt head to reduce the effect length of the bolt.

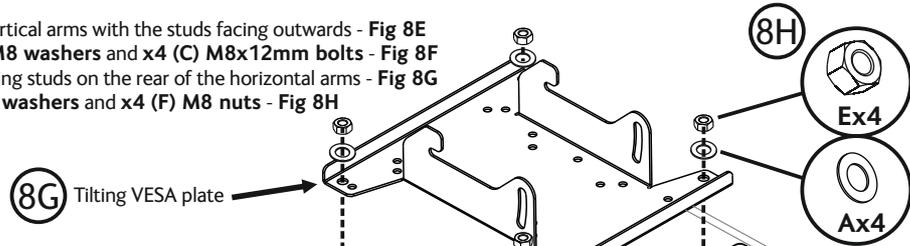
Note: Use spacers if the screen is uneven in or around the mounting pattern. Spacers can be used under the bolt head to reduce the effect length of the bolt.

8E - Position the horizontal arms across the vertical arms with the studs facing outwards - **Fig 8E**

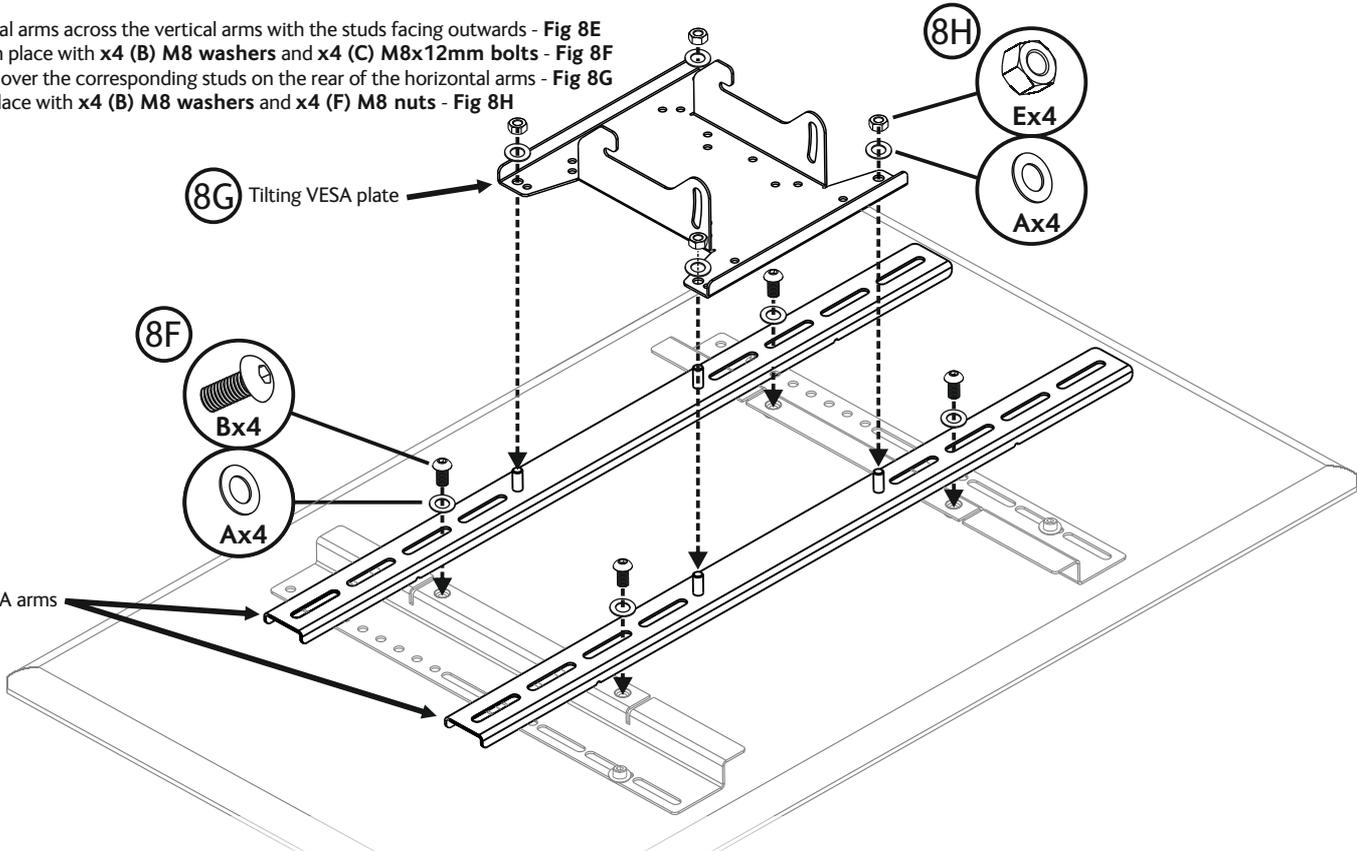
8F - Fix horizontal arms in place with x4 (B) M8 washers and x4 (C) M8x12mm bolts - **Fig 8F**

8G - Position TV tilt plate over the corresponding studs on the rear of the horizontal arms - **Fig 8G**

8H - Fix 'TV tilt plate' in place with x4 (B) M8 washers and x4 (F) M8 nuts - **Fig 8H**



8E Horizontal VESA arms



9 Mount screens to trolley / stand. Three persons are required for this step.

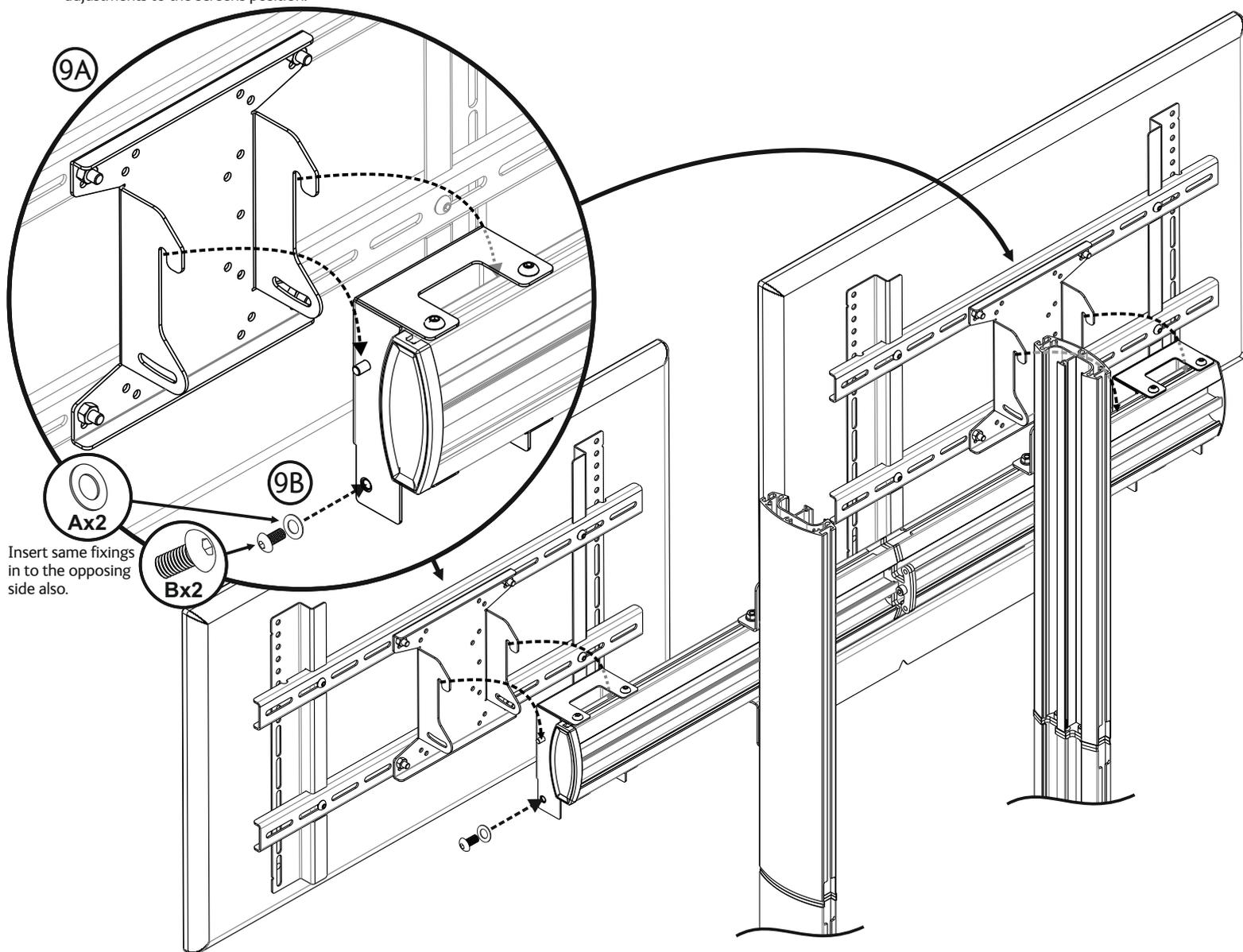
Note - Two persons should lift each screen in to position whilst a third person supports the trolley until both screens are in position and secured.

9A - Hook the TV tilt plate over the corresponding mounts on the sliding mount on the trolley - **Fig 9A**

9B - Insert **x2 (A) M8 washers** and **x2 (B) M8x12mm** to secure the TV tilt plate on to the sliding mount, tighten when screen is at the desired tilt angle - **Fig 9B**

9C - Repeat above steps to install and secure the second screen.

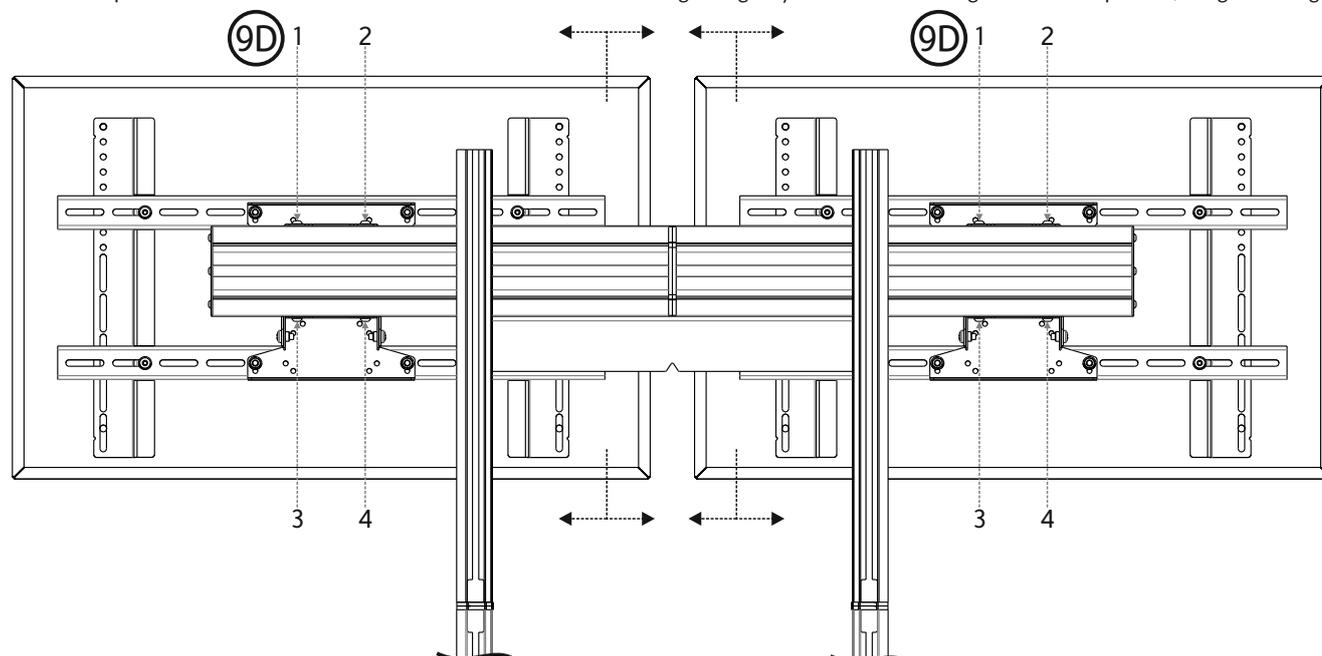
Note - Once both screens are secured in place they will counterbalance each other and the trolley will be safe to free stand unattended. Support trolley whilst making any adjustments to the screens position.



Adjust screens.

Note - Support the trolley / stand whilst adjustments are made.

9D - To adjust a screens position on the horizontal extrusion loosen the **x4 M8x12mm** fixings and gently slide the screen along to the desired position, re-tighten fixings - **Fig 9D**



10 Final steps

10A - Ensure screens are secured in position and are equidistant from the centre point of the trolley before leaving the trolley unattended.

10B - Check all fixings are secured and tightened appropriately.

10C - Re-fit the top trims to your trolley or stand as per the instruction sheet for that product.

10D - Once all cabling is installed you can fit the trim inserts in to the horizontal extrusion using the same method as stated in the instruction sheet for you trolley / stand.