

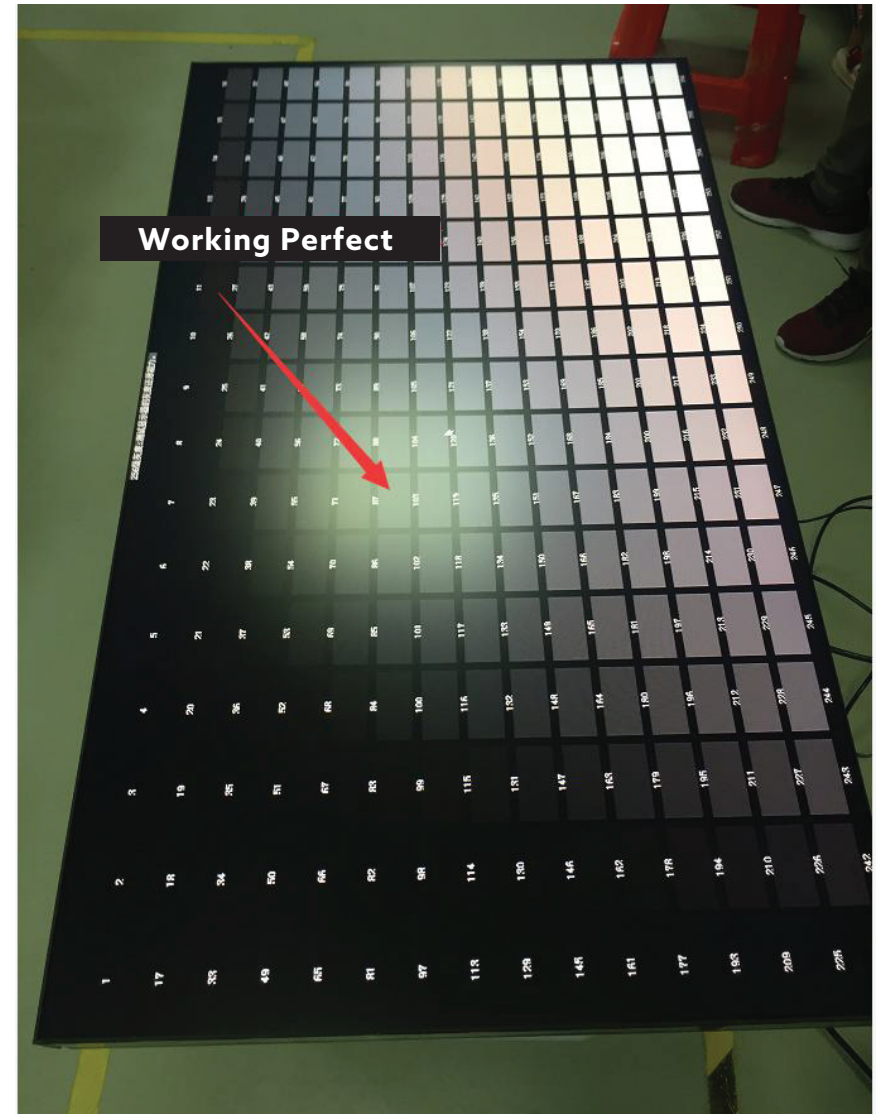


Video Wall Installation Precautions

READ THESE INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION!

SOLUTIONS YOU CAN TRUST

1. Very Important! Check each video wall for defects and damages before installation



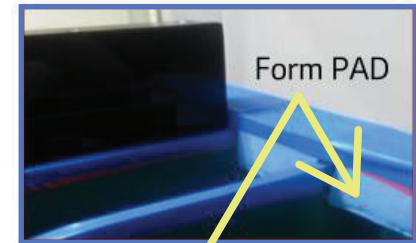
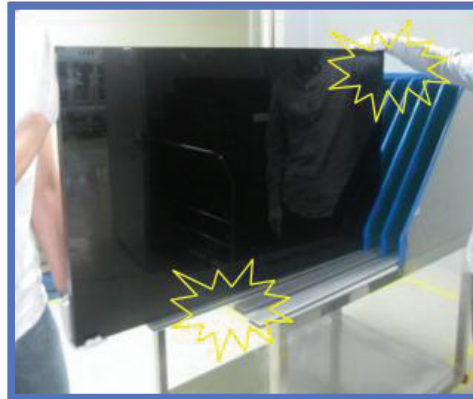
2. Install bottom video walls first



3. Loading method in cart

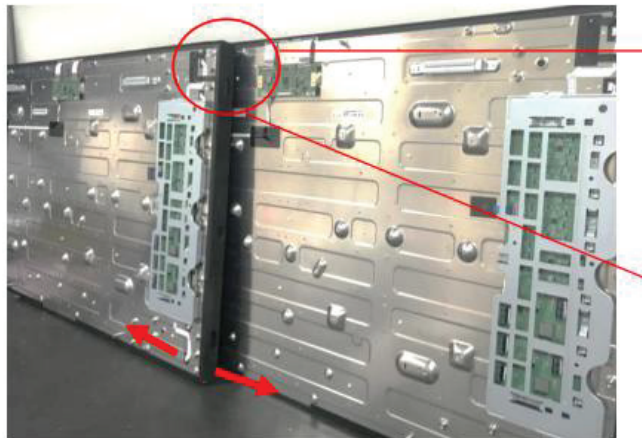


Move LCM in vertical status
to prevent LCM bent.



Form Pad is required to lessen
shock to LCM

[Caution] Interference between two LCM

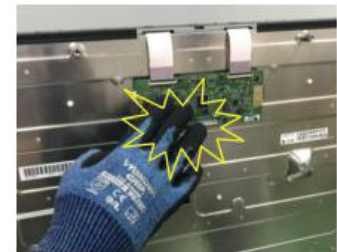


Stud



Bezel & Panel Damage

PCB and FFC Damage by hand



PCB



FFC

4. Caution for Side tape!

Do not hold the side tape



Bad



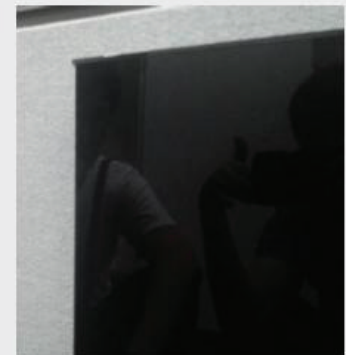
Good



Side tape can be peeled off



Reattach



O.K

4. Attention for handling LCM

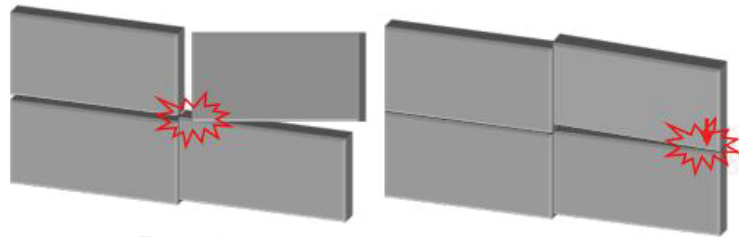


Figure.1

Figure.2

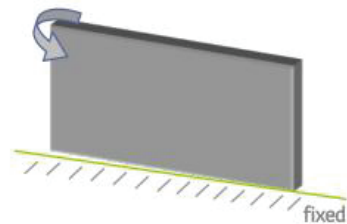


Figure.3

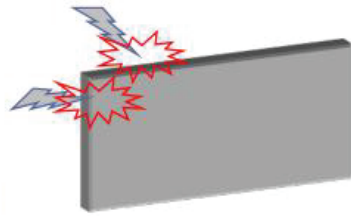


Figure.4

▷ Figure.1

Avoid giving a shock or damage at LCM corner or other parts during setting Multi-Vision.

▷ Figure.2

Keep all LCMs balanced in vertical or horizontal force after setting Multi-Vision. Avoid LCM is set up tilted so it can give a damage to down LCM.

▷ Figure .3

Avoid that LCM is twisted.

▷ Figure.4

Avoid that LCM outside is shocked or damaged by sharp thing.

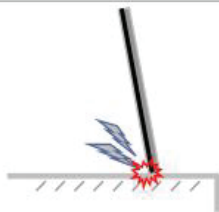


Figure.5

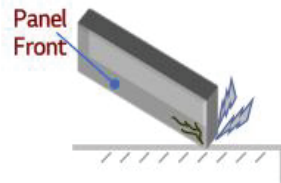


Figure.6

▷ Figure.5

If LCM is set up tilted in face-down direction, avoid damage on Panel.

▷ Figure.6

Be careful of damage on panel edge.

▷ Figure.7

If LCM should be set up in face-down, cushion must be prepared in advance.

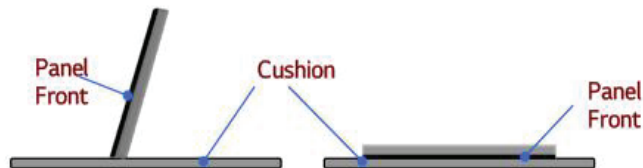


Figure.7

RNB Installation Guide

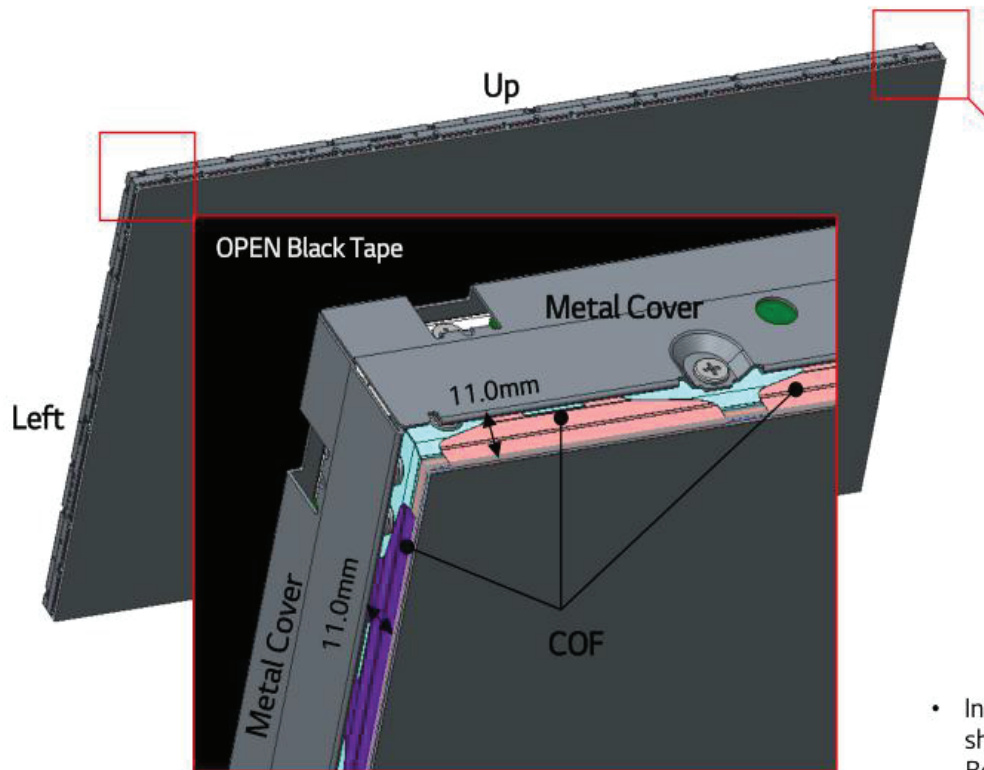
1. LCM Structure
2. Installation Precautions
3. Avoiding Method of Scratch Damage

1.LCM Structure

Make sure structure weak point before Installation of LCM

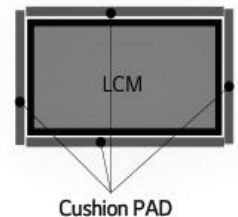
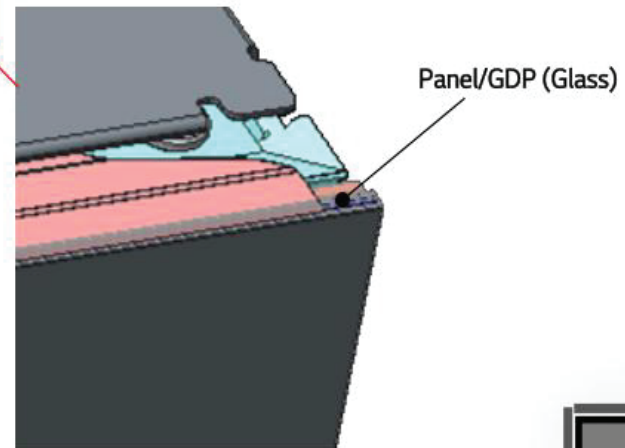
■ Precaution of COF Damage

The inner COF can be damage when sharp object chop Black tape(no metal cover section, 11mm) → Line defect can occur.



■ Precaution of panel damage caused by external force

Because there is no metal case top, 4 sides of the panel are exposed. There is a risk of breaking due to an external impact. Especially, the 4 corners should be careful when handling.



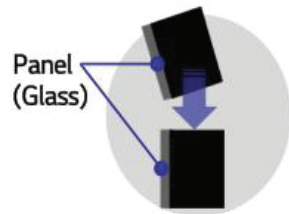
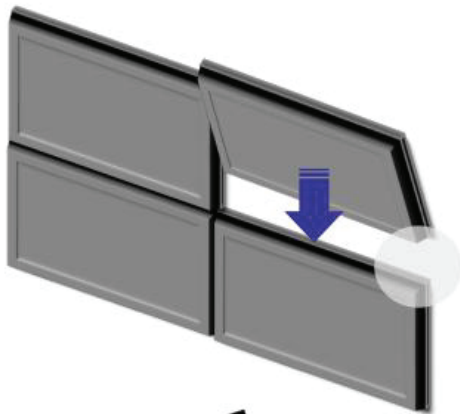
- In order to prevent damage due to external impact when SET assembly, shipment and transport, Cushion Pad was attached on the 4 sides of LCM. Be careful when installing after removing the PAD.

2.1 Installation Precautions - Drop Shock

If there is drop during the installation LCM failure can be occur due to Panel breakage and COF Damage. Please be careful that the drop shock will not occur when loading the LCM to the top.

Installation work Risk

If there is drop during the installation LCM failure can be occur

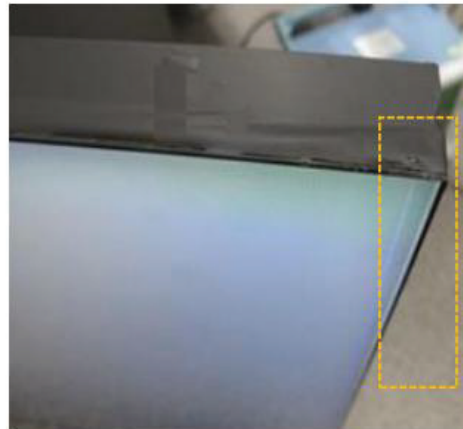


Side View

Failure phenomenon

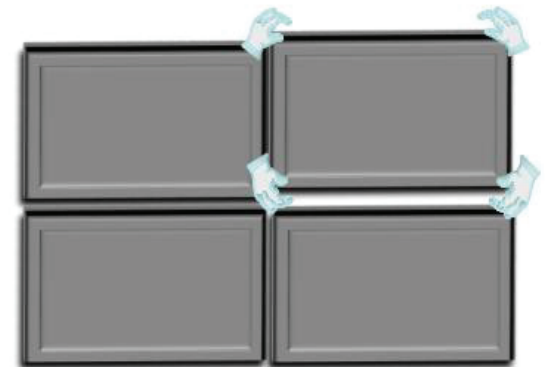
COF chop is generated at bottom LCM by lcm in the upper

→ Line defect occur



Work guide

Two people should move and install. Please put down until the SET seated on an upper surface of bottom SET so that there is no impact When top loading

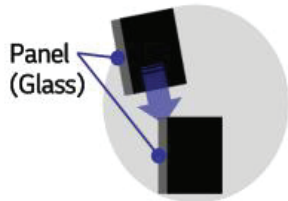
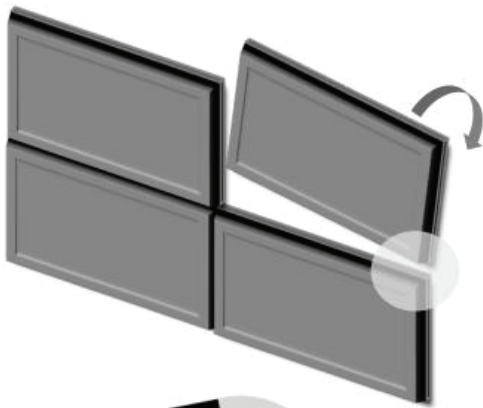


2.2 Installation Precautions - Corner Shock

Panel damage can occur when shock applied to the LCM edge during installation
Loading in horizontal state is necessary when top loading
Be careful so that the impact load except SET load is not applied

Installation work Risk

Panel damage can occur when shock applied to the LCM edge during installation



Side View

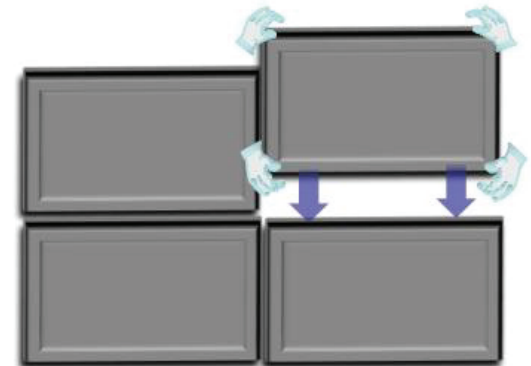
Failure phenomenon

The upper edge or lower edge damage



Work guide

Two people should move and install.
Loading in horizontal state is necessary when top loading

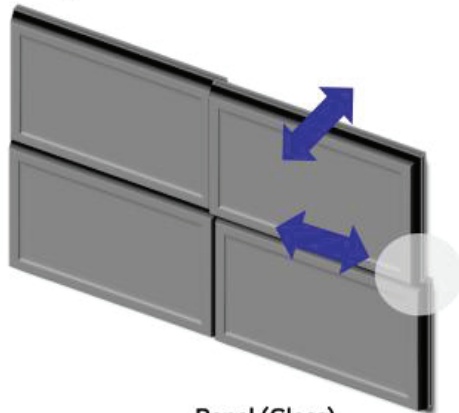


2.3 Installation Precautions - External Scratches

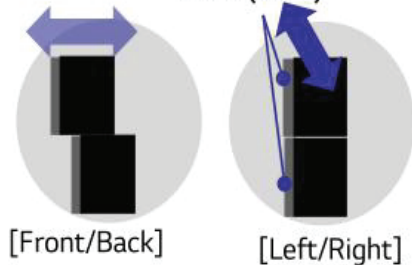
The tape damage can occur when moving to the installation GAP adjustment in pressed by its own weight
The installation GAP adjustment is necessary after mounting the rear fixed structure

Installation work Risk

The tape damage can occur when moving to the installation GAP adjustment in pressed by its own weight



Panel (Glass)



Side View

Failure phenomenon

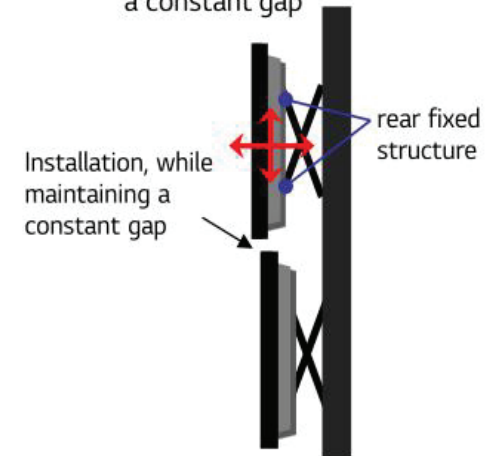
Tape scratches and peeling occurs



Work guide

The installation GAP adjustment is necessary after mounting the rear fixed structure

Installation, while maintaining a constant gap

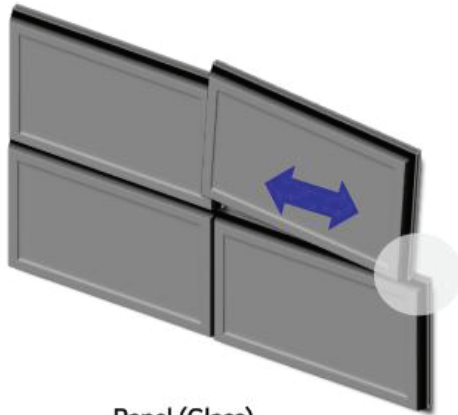


2.4 Installation Precautions - Tape and COF tear by the edge

When tilted upper SET Left/Right move, Tape and COF tearing in bottom SET may occur by edge
Keep horizontal and gap between the bottom of set during the installation process when moving left/right.

Installation work Risk

When tilted upper SET Left/Right move, Tape and COF tearing in bottom SET may occur by edge



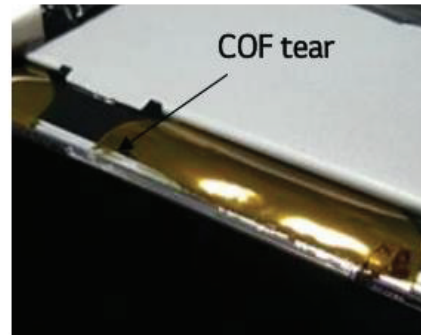
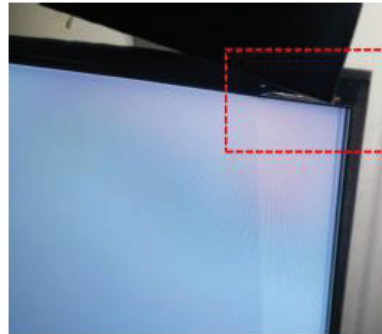
Panel (Glass)



[Left/Right]
Side View

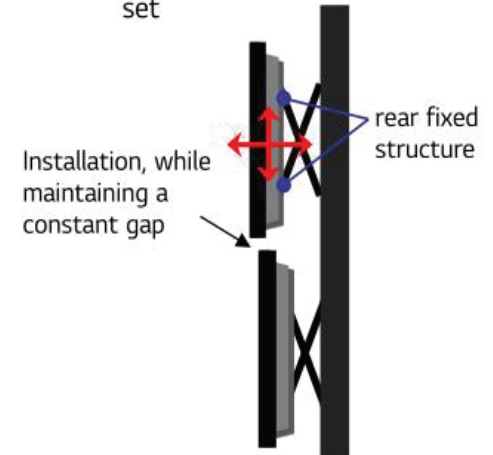
Failure phenomenon

Display defect due to Tape scratching and COF tear



Work guide

For corners of the upper sample does not affect the lower side after rear fixed structure, Keep horizontal and gap between the bottom of set



3.1 Avoiding Method of Scratch Damages (use attached protection PAD)

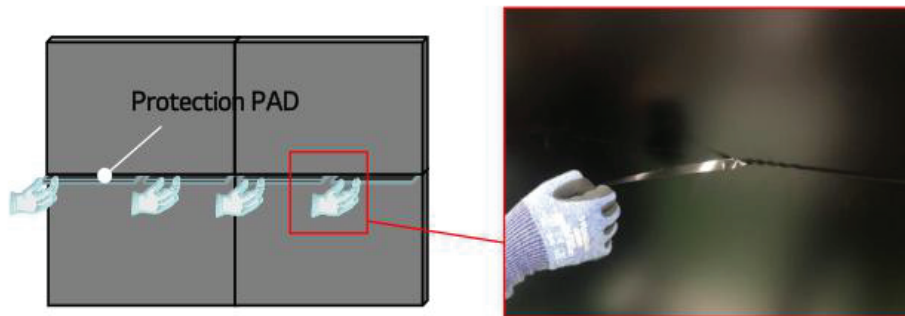
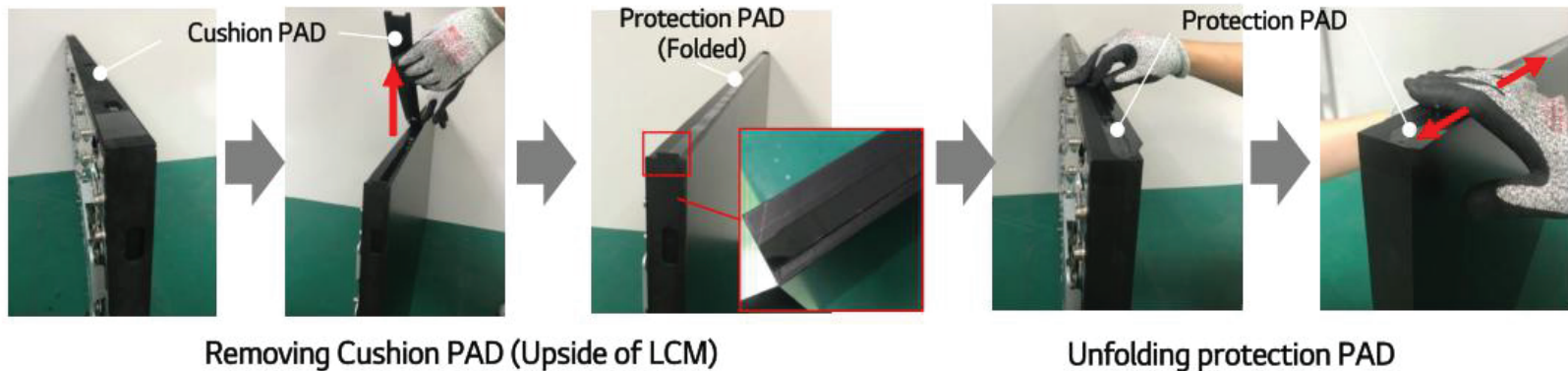
It is available to Avoid Scratch damage with attached Protection tape on upside of LCM. (2 pieces / removable)

1) Remove Cushion Pad vertically and then unfold the Protection Pad softly, then install SET.

2) After set installation, pull out the Protection Pad slowly.

3) Protection pad will be torn apart from adhesive section.

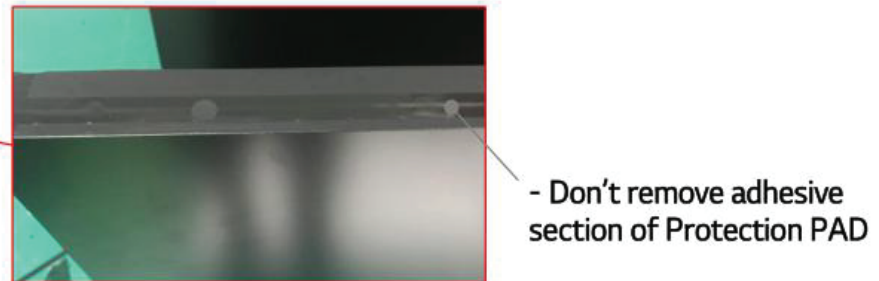
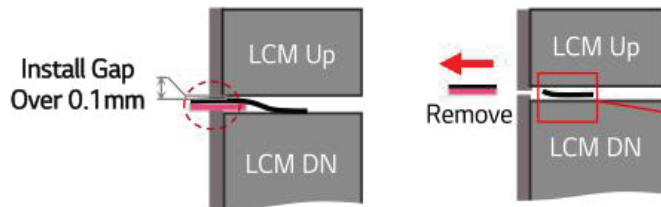
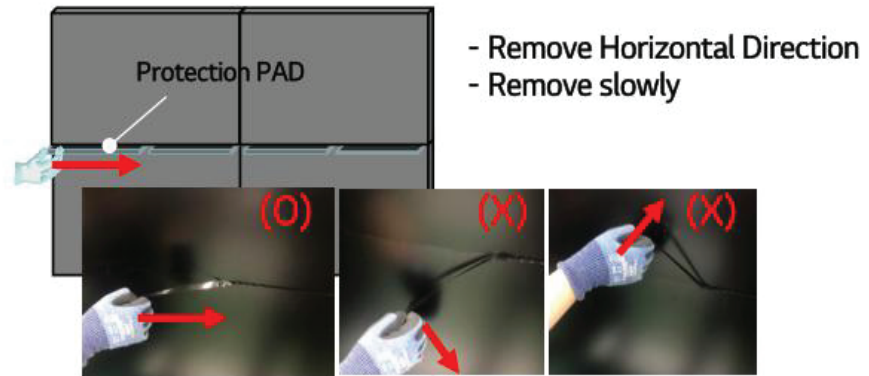
→ Tore section of pad is made of PET that can be shielded from upper set caused scratch.



3.2 Avoiding Method of Scratch Damages (use attached protection PAD)

[Caution_Using Attached Protection PAD]

- 1) Before installation SET, PET section of Protection PAD can be torn down accidentally by rubbing PAD by hands to unfold Protection Pad.
- 2) When the Protection Pad is removing, Pull out the Pad horizontal direction slowly. (Avoiding side tape damage)
- 3) When the Protection Pad is removing, Installation gap should be over 0.1mm between Upper and Bottom SET to avoid side tape damage by the Protection Pad PET section.
- 4) After removing Protection Pad PET section, do not try to remove the adhesive section of the Protection Pad. (The adhesive section of the Protection Pad is not affected to the installation gap.)



3.3 Avoiding Method of Scratch Damages (use PET sheet)

After Protection Pad Tore apart, use PET Sheet for SET re-install

- 1) Temporarily fixing a thin PET sheet on the upside of the bottom set.
- 2) After installation, removing PET front or rear direction
→ PET sheet can be prevented from scratching bottom set by upper set

