

In recent times various flat panel monitor designs have included in their features a “bulge” in the rear of the screen panel.

This feature requires the panel / LCD unit to be mounted further off the bracket system than normal, and this is achieved using spacers, which can be purchased from Screen Technics.

Due to the shift in the centre of gravity of the monitor moving further away from the lifting device, something not foreseen in the original design, this can cause a minor shudder in the lift during its travel.

This document provides a post installation cure to this shudder effect, and to reverse the effects of the non-standard panel / LCD design.

**THERE ARE 2 PARTS TO THIS PROCEDURE:**

**PART A.** Installation of a Spacer that reduces the “turning moment” effect, that creates the starting point of the shudder.

**PART B.** Application of propriety grease supplied by Screen Technics to reduce the effects of the cantilever pressure applied to the lift due to the change on the centre of gravity.

**PART A.**  
**SPACER INSTALLATION**

**STEP 1.** Inspect the lifting arms of the unit, there are 3 sliding arms on either side, utilising nylon lineal bearings that slide up and down in two pairs of grooves.

**STEP 2.** The outside grooves (see picture) are the place where the spacer needs to be secured.



**STEP 3.** Run the mechanism all the way down (panel should be removed at this stage) and look for the white nylon bearing at the top of the outside groove, the spacer is fitted hard up underneath this spacer, using the Allen key bolt supplied.

**STEP 4.** This will in effect reduce the overall maximum travel height of the lift by the width of the spacer - 26mm, so please allow for this change in your set-up.



**STEP 5.** Apply spacer to both sides of the lift.

**PART B.**  
**GREASE APPLICATION**

**STEP 1.** Look for the channels that the white nylon bearings run up and down in and these are the spots that require the application of grease - supplied with the spacers.



**STEP 2.** You will notice a black steel tool, which is designed to apply grease on the inside faces of the channels, as all sides, inside and front benefit from being greased, full height along the channels.



Once applied, please run the mechanism up and down 8 to 10 times to work in and spread the grease accordingly - please note that the lifter may overheat during this stage and it has an automatic thermal overload cut-out, so if the lifter stops, go away for 20 minutes while it cools down again - it's not broken, just overheated.

Once this procedure has been completed there should be no further issues regards this matter, as the modifications will ensure longevity and trouble-free use.

If you have any questions regards this matter please contact our sales office on 02 4869 2100.