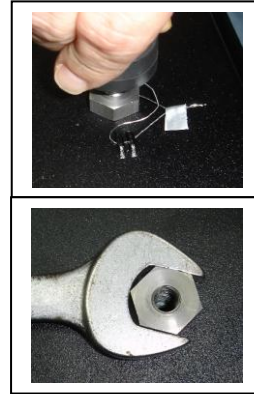


4.8. Removing Bottom To Access Main Electronics & Load Cells

With the height panel in the folded position, flip the ExpressCube unit so that the feet are in pointed straight up. Remove the leveling feet completely by unscrewing the rubber ring closest to the platform.

Access to the electronics is obtained by removing the bushings under leveling feet. Note that one of the bushings has a seal that must be broken before the bushing can be removed.

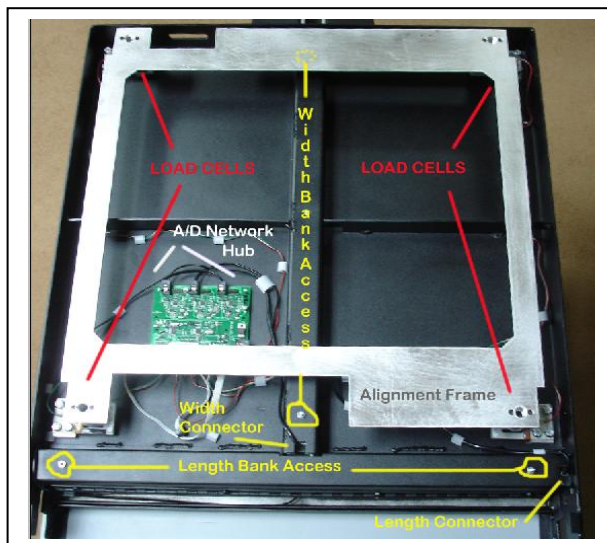
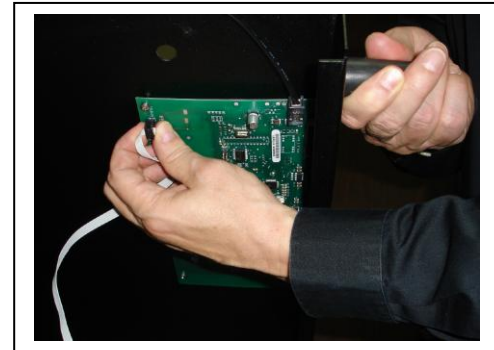
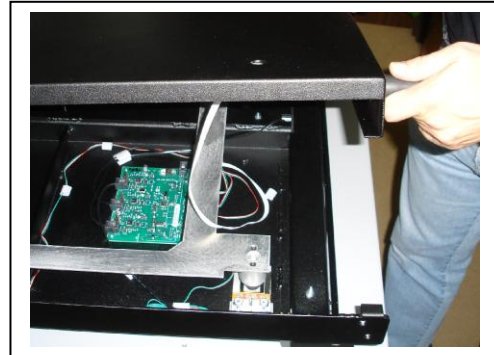
Note: The seal on the bushing must be replaced after servicing in order to prevent unwarranted access and pass the NTEP certification inspection.



Carefully lift the bottom panel slightly to access the hub cable connecting the active hub and the main computer board.

NOTE: Record the orientation of the hub cable before removing it. The 3 ft maintenance hub cable can be used to operate all components for testing without reassembling the unit for each test.

Remove the hub cable from the main computer motherboard as illustrated. Lift the bottom off carefully moving the back slightly towards the rear of the unit to clear the LED status lights from the assembly.



Removing Dimensional Banks:

This position of the ExpressCube allows quick access to the Length and Width dimensional banks. Undo the appropriate RJ type connector as illustrated (yellow) left and remove the two retaining fasteners. The dimensional bank will drop out to permit servicing/replacement of arrays.