

Working Errata for Accumulator Pack Design  
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#### Critical & Rules Related Designed Item

1. Segment Maintenance Disconnect (SMD)
  - There is not enough room to put the fuse here.
  - Needs to be removable without tools.
  - CellMan can't have high current passing through it.
  - Can't have a difference CellMan mounting scheme for interfacing with the bus bar for the cells where the SMD is connected.
2. EV8.1.1 - <https://formula-hybrid.org/wp-content/uploads/2019-Formula-Hybrid-Rules-Rev-0.pdf#page=129>
  - The metal vertical bars and metal fastener used to secure the battery holding bar in not grounded and is considered an accessible metal part.
3. SegMan board mounting location
  - There is no clearance to allow cells to be removed without removing the SegMan board.
  - There is also no room to allow cables to be routed on the segment separator surface.
4. Access to the AIRs compartment.
  - How do we remove the side cover?
  - There doesn't appear to be an easy way to access this compartment.

#### Critical Non-Designed Items

1. EV5.3.3/EV5.2 - <https://formula-hybrid.org/wp-content/uploads/2019-Formula-Hybrid-Rules-Rev-0.pdf#page=116>
  - There is no cable routing defined in the pack design. Every cable will be examined by inspectors to make sure that required isolation separation is clearly defined.
2. Two fuses need to be in the AIRs part of the pack. There is not enough room to use the fuse as a SMD.
  - The fuses should be as close to the cells as possible. Routed from Cells to AIRs.
3. The bus bar from Amphenol connector to AIR connection
  - Need to mount a PCB for a high voltage indicator light
  - Move the high voltage terminals closer together