



GEORGIA EMERGENCY MANAGEMENT AGENCY

Vehicle Radiation Decontamination

When possible signage should be used to direct traffic flow within the vehicle decontamination area.



The portal monitor for vehicles comes in the same case as the one used in the Reception Center. The base and top sections are not used in the vehicle configuration.



In the vehicle configuration, legs are used to support the detector panels. These legs come in 7 pieces and have to be assembled as shown.





Detector panels are assembled onto the legs and a cable is ran along the ground between the panels.



Boards or angle iron should be used to protect the cable from the cars driving over it during operation.



When the portal monitor is powered up the unit will go through a back ground count. All warning lights should be off and you should have a reading for all four panels when the count is complete.



Portal Monitor should be set up so that normal vehicle can pass through with the sides fairly close to the monitors. For larger vehicles the detectors can be slid further out.





If the monitor alarms, the vehicle should be sent to an area to be decontaminated. This is usually accomplished by washing down the vehicle.





Once the vehicle has been washed down then it must be re-surveyed to establish that decontamination has been successful. This can be accomplished by a hand survey or the vehicle may go back through the monitor.













Finally, the passenger compartment should be surveyed. It is best to survey flat surfaces such as the floor board, dash area and seats. If no contamination is found in these areas then the vehicle is considered clean.



Vehicle occupants should be sent to the reception center for monitoring and decontamination (if necessary)

