

Air Door Switch Kit

Part No. ADK1

For use with CR2A Child Reminder System

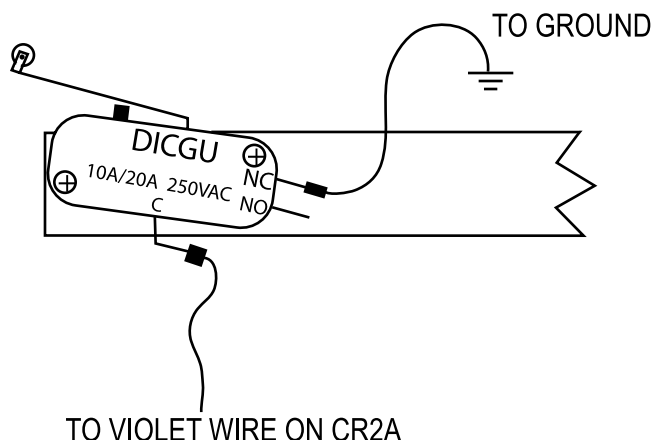
This kit is required on school buses equipped with air or electric service door switches that do not function when the “dump valve” or “emergency release” are used. The door switch is typically connected to the 8-way warning light flasher (to activate the “REDS”) and provides a ground when the door is open. Most door switches sense the physical position of the service door. However, some power assisted door systems activate the warning light flasher directly from the panel switch, NOT from a switch that actually senses whether or not the door is open. Sensing the physical position of the door is CRITICAL to the operation of the CR2A Child Reminder System™.

A simple test to determine if the bus you are working on needs this kit is to activate the amber warning lights (with the ignition turned ON). Hit the “dump valve” or “emergency release” and push the door open by hand. DO NOT use the panel switch to open the door. If the RED warning lights activate, the existing factory installed switch senses physical door position and this kit is not required. If the RED warning lights will only activate if you open the door using the panel switch, you will need this kit.

To Install This Kit:

Use bolts or self-tapping screws to mount the switch assembly above the service door. Bend and position the bracket so that the switch arm will be depressed when the door is closed. As the door begins to open, the switch arm should spring outward to its normal resting position.

Connect the NC terminal on the switch to chassis ground. Run an extension wire from the CR2A violet wire and connect it to the C terminal on the switch. Many school buses have an unused wire running throughout (such as circuit #50 in International buses). You may be able to use an existing wire instead of running a new one over to the door. Once installed, this kit will ground the violet wire on the CR2A whenever the door is opened.



For Technical Support Call:
(905) 788-9039

Manufactured by:



www.crselectronics.com

*Other products include LED Lighting,
Headlight Flashers, and LED Stop Arm Kits*