

# Product Specification Sheet

## US2 Dual Stage FLM or GM “Plug In” AOI Airbag On/off Control Switch

### I. Air bag control (on/off) switches for use on Law Enforcement and Public Safety Vehicles. [Function]

- a. To Protect equipment from damage in an air bag deployment, laptop computers, radar units and video recording – viewing equipment. This will greatly reduce repair cost by eliminating unnecessary passenger side air bag deployments to a normally empty seat.
- b. To address safety concerns for officers and passengers in the path of equipment that becomes dislodged during airbag deployment.
- c. Able to retro-fit Ford and /or General motors factory equipped vehicles with a dual stage ignition air bag system. Will control the deployment of both ignition forces.

### II. US2 Dual Stage FLM or GM “Plug In” Air bag control switch meets and/or exceeds all of the conditions as specified by the NHTSA in section XI a595.5:

- a. The on-off switch is operable solely by a key. The on-off switch will be separate from the ignition key. All like switches for a department will be keyed the same. The driver must take some action other than inserting the ignition key or turning the ignition switch, to turn off the air bag. Once off, the air bag must remain off until it is turned back on by mean of this device.
- b. A green light is illuminated on the US-2 series, in the on position, to indicate the air bag readiness. A yellow light is illuminated, in the off position, to indicate the air bag is off. The US-2 series has a PulseFire fuse built into the device. This PulseFire fuse establishes the position the switch at the time of a deployment. (Liability Fuse)
- c. The US2 Dual Stage FLM or GM “Plug In” series comes standard with Factory Compliant Connectors and Shorting Bars. The Shorting Bars prevent accidental deployment of the air bags. The Factory Compliant Harness Connectors provide OEM type connection to the existing wiring harness.
- d. A “Plug In” wiring harness connection WILL NOT affect a factory vehicle warranty.

### III. Warranty Information:

AOI Electrical, LLC warrants all US-2 series switches to be free from defective material and workmanship. If during the warranty period a US-2 switch should fail, AOI Electrical, LLC will replace or repair it at no cost to the owner. If a switch is in the off position and an accident occurs, the PulseFire fuse will blow and the switch must be replaced. AOI Electrical, LLC will replace these switches, free of charge for the full warranty period of 1(one) years, provided we are informed of the accident within 30 (thirty) days of the occurrence.



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