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## Bulletin No. 5472

DATE: January 30, 2009  
TO: Authorized ANSUL® Vehicle System Distributors  
FROM: Product Management, Vehicle Systems

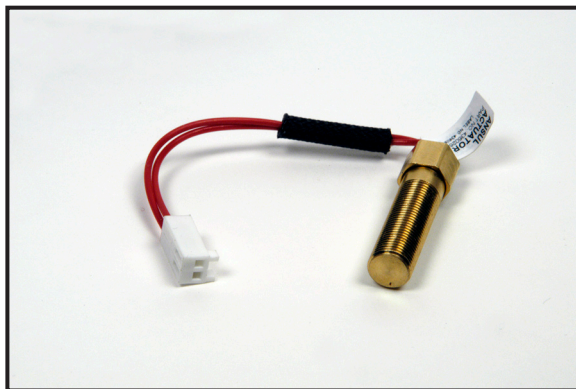
### Introducing... New Protracting Actuation Device (PAD)

The events of September 11, 2001 have changed our lives in many ways. Security at airports has increased causing travel to become more difficult. The cost of shipping and handling of many products has also risen due to increased government scrutiny including the ATF intensifying regulations regarding the handling of explosives.

The Squib Assembly (Part No. 54919) used to actuate the ANSUL A-101™ system is classified as a 1.4S, UN0323EN 8605079 explosive. As such, it has become increasingly difficult to manage the escalating costs associated with procuring, stocking, packaging, shipping and handling the squib.

With these escalating costs and regulations in mind, we have developed **an alternative to the squib** for actuating the A-101 systems.

We are pleased to introduce the new **Protracting Actuation Device (PAD)** based on the proven technology utilized in the gas motor generator. The new PAD Actuator Shipping Assembly includes a new actuator body and housing assembly, cable/connector assembly and the protracting actuation device. The PAD Actuator assembly will replace the current EAD actuator in all CHECKFIRE® assemblies except the CHECKFIRE MP-N Shipping Assembly.



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The benefits of the Protracting Actuation Device and Actuator include:

- Classification – Excluded from UN Class 1 – Non-explosive
- No special packaging requirements
- Transportable using normal parcel post
- Suitable for temperatures from –40 °F to 212 °F (–40 °C to 100 °C)
- Five-year service life
- Ease of retrofit with current CHECKFIRE Detection and Actuation Systems.

The PAD components are available for immediate shipment using the following ordering information.

<u>Part No.</u>	<u>Description</u>	<u>Suggested List Price (USD)</u>
435479	PAD Actuator Shipping Assembly	\$600.00
436026	Protracting Actuation Device	\$160.00
436114	Cable / Connector Assembly	\$ 40.00

Effective immediately, CHECKFIRE Shipping Assemblies containing the new PAD Actuator Assembly will be available using the part numbers listed below. Previous CHECKFIRE assemblies will be available until inventory is depleted.

<u>Part No.</u>	<u>Description</u>	<u>Suggested List Price (USD)</u>
436302	CHECKFIRE SC-N Assembly	\$2,425.00
436303	CHECKFIRE SC-N Assembly (TC)	\$2,425.00
436304	CHECKFIRE SC-N Assembly w/o Cartridge	\$2,368.00
434672	CHECKFIRE ASC-N Assembly w/o Cartridge	\$3,522.00

Based on the benefits of the new PAD actuation system, the increasing costs, and shipping/handling requirements associated with the squib; **we have decided to eliminate the squib from our product offering in February 2010. After that time, all replacements will require the new PAD Actuator Assembly.** Installation Instruction Sheet (Part No. 436262) is attached.

NOTE: Squibs that are in service DO NOT have to be replaced until the 5-year service life has expired or they are discharged.

Questions pertaining to this bulletin may be referred to your U.S. District Manager or International Area Manager; or call Technical Services at 1-800-862-6785 or 1-715-735-7415.