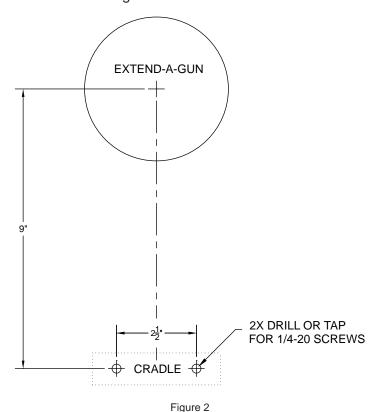


INSTALLATION INSTRUCTIONS: CROSSFIRE SENSOR KIT

The X-SENSOR-KIT is an optional kit for a Crossfire and Extend-A-Gun installation. The kit replaces the standard sensor installed on the Extend-A-Gun. It is used to ensure the Extend-A-Gun is lowered, and the Crossfire outlet is properly stowed. The cradle houses a sensor that senses a magnet located in the Crossfire Monitor outlet. The Monitor Extended Warning Light will activate anytime the monitor outlet is rotated or elevated away from the stow position.

Installation Instructions:

- 1. Determine stow position for monitor and nozzle as seen in Figure 1.
- 2. Drill or tap deck for two 1/4-20 screws according to Fig 2.
- 3. The cradle must nearly touch the Crossfire when the elbow is the horizontal position. Stack up spacers under cradle in any configuration shown in Fig. 3 to ensure adequate height.
- 4. Install cradle with two 1/4-20 socket head screws of sufficient length.



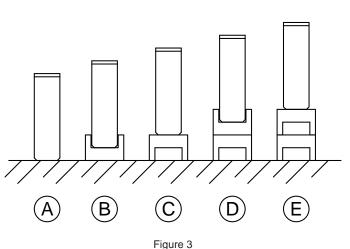


Figure 1

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The crossfire sensor contains a magnetic switch. This switch is intended to be used with a MONITOR EXTENDED warning light. The magnetic switch in the Crossfire Sensor is a normally open switch, and the switch is closed when the crossfire is in the down position. The relay packaged with the Extend-A-Gun MUST BE USED to limit the current through the switch.

Use the wiring diagram below.

- 1. Install the sensor cradle on the truck according to the bolting diagram.
- 2. Mount the relay on the electrical panel with the terminals accessible.
- 3. Drill a ½" diameter hole in the dash board for the panel light. Leave enough room for a 1-13/16" diameter label around the light or a 2" wide x 1-1/2" high label next to the light. Apply one of the two warning labels and push the panel label through the hole in the dash.
- 4. Connect the labeled wires on the switch to the terminal #85 on the relay and ground respectively.
- 5. Connect the terminals on the panel light to terminal #87A on the relay and ground respectively.
- 6. Connect a wire from a "spare" position on the truck's circuit breaker panel to terminals #30 and #86. The circuit from the "spare" position in the fuse block should only be energized with the ignition switch is in the ON position.

