

FES 350 EK / 400 EK

Electronic Plumbed-In fire Extinguisher System Installation Instructions

This is a +ADS system using AFFF foam. To maintain optimum performance all fire extinguisher systems should be serviced after 1 year.

IMPORTANT – PLEASE READ THE FOLLOWING BEFORE COMMENCING ANY INSTALLATION

1. The control box does not contain a battery; you will need to supply a 9-volt PP3 battery.
2. Do not plug the loom into the firing head until the firing button connections are made.
3. Do not arm your system until you have completed the entire installation.

Kit contents:

- 1 3.5 or 4 litre AFFF +ADS pressurised cylinder
- 4 Nozzles, 2 large cockpit, 2 Small engine
- 1 Laser profiled cradle with stainless steel straps
- 2 Decabon tubing: 3.0 m x 6mm decabon, 2.0 m x 8mm decabon
- 2 8mm to 6mm Y connector
- 1 8mm to 8mm Y connector
- 8 Tube clips
- 1 'E' label
- 2 Firing buttons
- 1 Control box

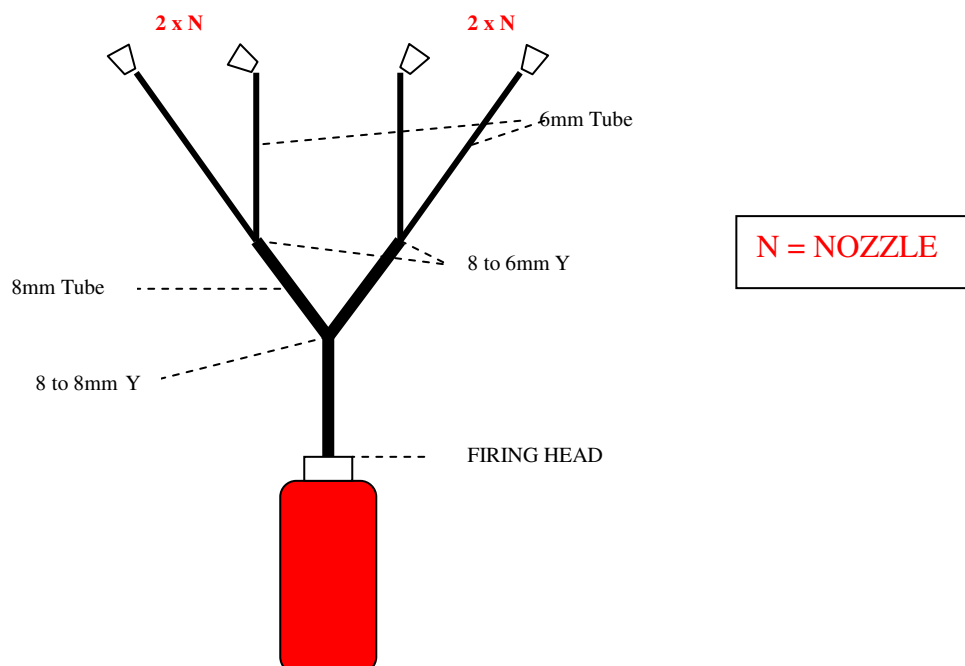
INSTALLATION INSTRUCTIONS

1. **Bolt** the cylinder support cradle to the vehicle **securely**.
2. Mount the electronic control box in a suitable location.
3. Mount the firing switches to enable operation **in accordance with current regulations**, one inside the vehicle within easy reach of the driver (and co-driver where applicable) (18.75mm diameter hole), and one on an outside panel (22.5mm diameter hole), adjacent to the electrical cut out switch. Apply the E label adjacent to the external firing switch.
4. Wiring; wiring harness has 2-paired cables with bared ends. (Note: firing switches may be pre-wired in some cases). Firing switches 1&2 are connected to the BLACK pairs of wires. Install 9v PP3 type dry battery into control box. (Note: battery is not supplied).

5. **PLUMBING** the decarbon tube push fits into various fittings; ensure that all push ins are secure. **NOTE** that the supply from the fire extinguisher should **ENTER** through the **CENTRE** branch of the Y connector (8mm to 8mm) and **EXIT** through the two outlets into the two (8mm to 6mm) Y connectors which then **SUPPLY** the two nozzles in the engine bay and the two nozzles in the cockpit area. Nozzles should be positioned to enable the spray cone to cover areas at most risk, for example the engine fuel system and turbo. If in doubt ask your local MSA scrutineer to advise.

PLUMBING SCHEMATIC:

MAKE SURE CONNECTIONS ARE SECURELY PUSHED IN.



THIS IS A SAFETY ITEM! CHECK YOUR INSTALLATION CAREFULLY! IF IN DOUBT ASK!

BEFORE EVERY EVENT CHECK SYSTEM CONTENTS, NOZZLES ARE CLEAN AND ALL CONNECTIONS ARE SECURE