

FES200REKE

Electronic Plumbed-in Fire Extinguisher System Installation Instructions

This is an FX G-TEC – Advanced Discharge System +ADS - homologated gas extinguisher system. To maintain optimum performance all fire extinguisher systems should be serviced annually.

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 FX G-TEC +ADS 2kg non-pressurised cylinder
- 4 FX G-TEC nozzles
- 1 Mounting bracket with stainless steel straps
- 1 6mm decabon 3 mtrs
- 1 8mm decabon 2 mtrs
- 1 8 to 8mm Y connector
- 2 8 to 6mm Y connectors
- 8 Tube clips
- 1 'E' label
- 2 Firing buttons
- 1 Control box
- 1 Braided hose with connectors
- 1 CO2 Remote cartridge

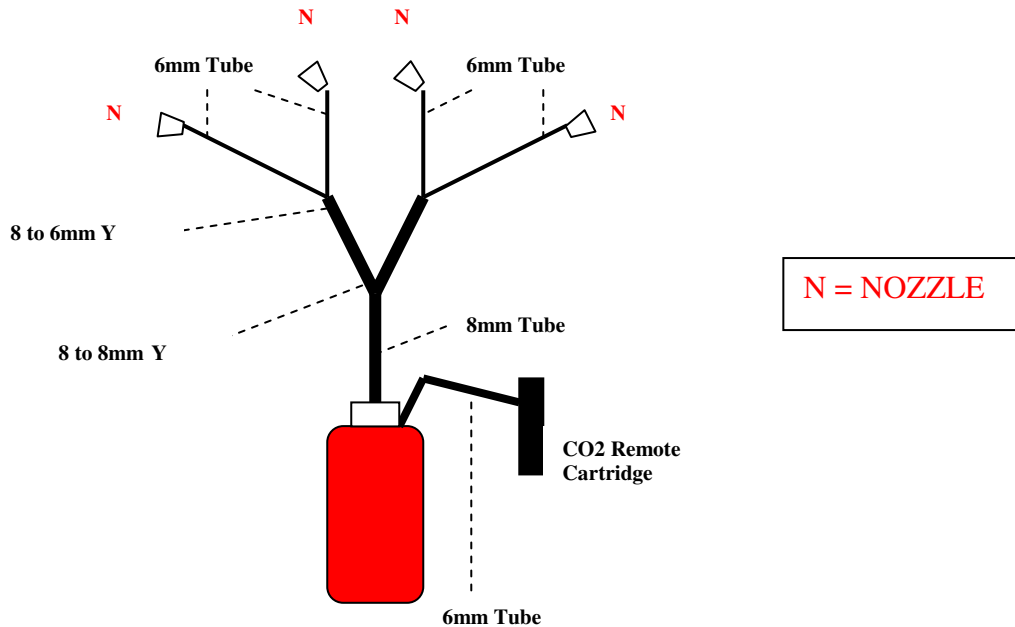
INSTALLATION INSTRUCTIONS

1. **BOLT** the cylinder-mounting cradle to the vehicle structure **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 Decal label adjacent to the external firing switch.
4. **WIRING**. Wiring harness has 2-paired cables with bared ends. (A) 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** - IMPORTANT Please note that the extinguisher centre connection outlet is 8mm – **Do Not insert 6mm tube as this will pierce the burst disc**. Pressure inlet connection is 6mm; the remote cartridge is connected to the cylinder inlet using 6mm decabon tube. The decabon 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. ***The nozzles are supplied with the rear red release collets not fitted so that the nozzles can be mounted and the retaining nuts screwed on. The collets can then be fitted to each nozzle.***

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/FIA 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!

Please Note: FEV FX G-TEC systems are tested and rated for a temperature operation range of -10 to +60 degrees C in accordance with FIA regulations. Users should ensure that where high temperatures are anticipated adequate provision is made to locate the system away from high temperature sources (exhaust, catalyst, etc) and if necessary fit reflective insulation around the cylinder.

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