



FES 350 MK /FES 400 MK

Mechanical Plumbed-In Fire Extinguisher System Installation Instructions

*This is a +ADS – Advanced Discharge System - using AFFF foam.
All fire extinguisher systems should be serviced after 1 years.*

Kit contents:

- 1 3.5 or 4 litre AFFF +ADS pressurised cylinder
- 4 Nozzles
- 1 Laser profiled cradle with stainless steel straps
- 2 Decabon tubes: 3.0m x 6mm decabon, 2.0m x 8mm decabon
- 1 6' Pull cable
- 1 12' Pull cable
- 2 Cable Nipples
- 1 8mm to 8mm Y connector
- 2 8mm to 6mm Y connectors
- 8 Tube clips
- 1 E label

INSTALLATION INSTRUCTIONS

1. **Bolt** the cylinder support cradle to the vehicle **securely**.
2. **Mount** the firing pull handles to enable operation **in accordance with current regulations**, one inside the vehicle within easy reach of the driver (and co driver where applicable) and one on an outside panel, adjacent to the electrical cutout switch. The pull handle bushes will need a 13mm diameter mounting hole. Apply the 'E' decal adjacent to the external firing handle.
Ensure that the cables are not kinked or fouled on panels or wiring. Smooth, gentle curves should be used when routing the cables. **DO NOT USE SMALL RADIUS BENDS ON THE CABLES OR THEIR OUTER SHEATHS**
3. **Connect** both cables to the firing handle on the fire extinguisher cylinder, one to one to each nipple.
To arm the system: Remove the safety clip in the firing handle. The system will now discharge if any of the handles, including that on the cylinder, are pulled. Replace the safety clip when the extinguisher system is not likely to be used. The clip should always be removed during competition!

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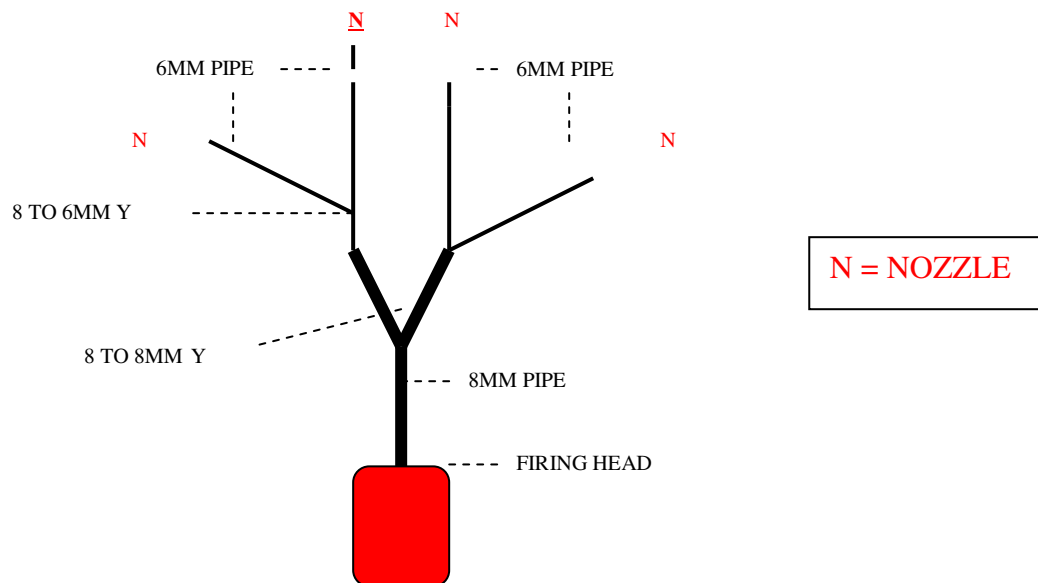
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4. **PLUMBING** The decarbon tube push fits into various fittings, note that the supply from the fire extinguisher should enter through the centre branch of the Y connector (8mm to 8mm) and exit through the two outlets into the two (8mm to 6mm) Y connectors which then supply the two nozzles in the engine bay and the two nozzles in the cockpit area.

Try to keep the lengths of the tubes to each nozzle as equal as possible. Ensure that the tubes are fully pushed home and locked into the fitting-it should not pull out when correctly fitted. Tubes may be released by depressing the entry ring on the fitting, then pulling out the tube whilst keeping the ring depressed.

Ensure that all tube runs are securely clipped and sighted to avoid accidental damage.

PLUMBING SCHEMATICS :
MAKE SURE CONNECTIONS ARE ALL PUSHED IN.



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