



## **MECHANICAL SYSTEM INSTALLATION INSTRUCTIONS**

This SPA firefighter Extinguisher is a mechanically activated AFFF foam system; it uses two T-handle pull cables, one 6ft, and one 12ft in length.

### **FITTING INSTRUCTIONS:**

- Remove the extinguisher from its plinth by un-fastening the over-centre clips. Decide the best position for the extinguisher – **IT IS RECOMMENDED THAT THE BOTTLE SHOULD BE MOUNTED IN THE FORE AND AFT DIRECTION OF THE VEHICLE.** The extinguisher label, detailing contents, etc and also the pressure gauge should be visible. Mount the plinth securely to the vehicle and put the bottle back into place.
- Insert the end of the decarbon tube into the push-in fitting on the lever-valve and lay the length of the tube from the cylinder to the chosen location; plug the nozzles onto the free ends of tube (depending on how many nozzles your system has). Orientate the nozzles to point onto anticipated fire sources.
- Mount the 6ft in the cockpit within reach of the driver and/or co-driver when sitting in the normal driving position wearing seat belts. The other end of the cable is to be threaded through one of the adjusting screws on the handle of the lever-valve. Thread the adjusters through the holes on the bottom handle of the lever-valve. Secure the clamp screw against the underside in such a way that movement of the red pull cable will close the handles of the lever-valve, but allowing 6mm of free play, **REMEMBER** to keep the safety pin in place whilst using this assembling process; failure to do so may result in extinguish and being accidentally dispersed.
- Mount 12ft cable on the outside of the vehicle (on the front scuttle of a saloon car or by the roll hoop on a single seater). Lay the cable inside the vehicle and connect to the lever-valve as above.
- Pull cables should be fitted in such a way that no links or 'S' bends are created, which could cause malfunction.
- **MAKE SURE THE SAFETY PIN ON THE LEVER-HANDLE IS FULLY REMOVED BEFORE AN EVENT/RACE; FAILURE TO DO SO WILL RENDER THE FIRE SYSTEM INOPERABLE.**