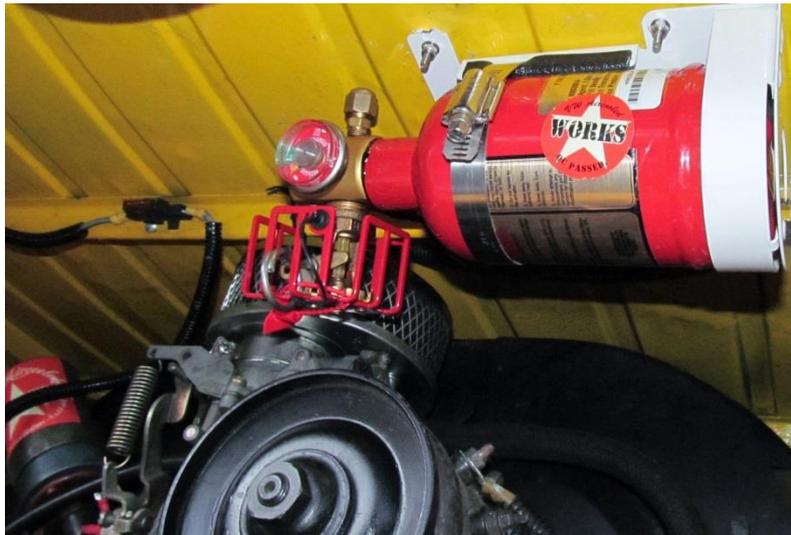


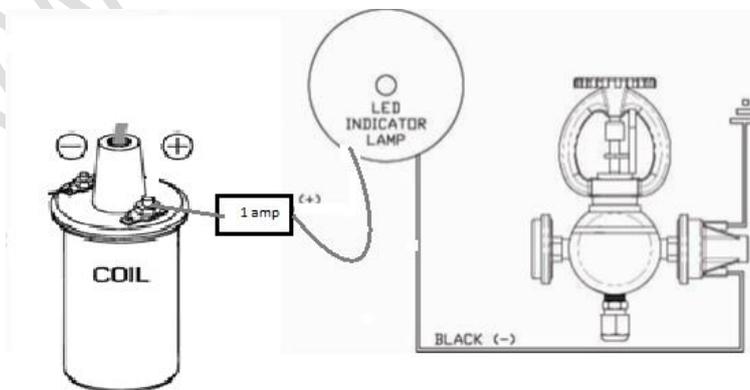
### VW Aircooled Works – Supplementary sheet for Fire Suppression system

Please read the instruction booklet provided for details regarding the Fire suppression system. The instructions and diagram below illustrate how the fire suppression system should be installed in the engine bay of a VW camper. The Extinguisher is secured in the cradle using the stainless band. The cradle is secured using stainless fastenings provided in the fitting kit. Ideal place to locate is on the underside of the rear load bed in a central position in front of the Dynamo/alternator, as per the picture below. **The head, which is protected inside the red cage, should point downwards and backwards towards the gearbox.**



The fire suppression system is fully active once located in the engine bay. For added security and peace of mind the dashboard LED indicator light should be installed. However, the system is operational without this being installed but as there is a visual indicator every time the ignition is turned on it avoids driving with a non-operational system.

### For Mechanical fuel pumps.



wiring diagram

1. System is installed without disturbing the existing wiring or ignition switch by running a dedicated twin core cable.
2. Undo the stainless band and slide out the cylinder. Offer up the cradle in the recommended position on the underside of the engine bay. Measure the distance back from the outside edge where the engine lid attaches.
3. Place the cradle on the inside of the rear load bed and measure back the same distance. Using the cradle as the template mark and drill the 4 holes.
4. Shorter fastenings are for splitscreen and early bay. Longer fastenings for cross-over and late bay to allow for sound deadening panels. Tighten fastenings evenly to pull up the cradle evenly. Locate the extinguisher in the cradle, tightening the band securely. As per the picture the nozzle should point downwards and facing towards the gearbox.
5. The fitting kit contains all the necessary cables, electrical terminals, fastenings and screws, fuse and in-line fuse holder, drill bit for a standard installation as per above diagram
6. Connect one of the black cables from the pressure head to earth using ring terminal and self-tapping screw. It is easier later if you connect the upper black cable to earth.
7. Run the twin cable provided from the cab to the engine bay. Connect the cab end to the indicator lamp. Ensure red and black wires are not switched round LED will be damaged
8. The black cable in the engine bay should be fitted to the pressure switch terminal using the female connector provided. You will need to remove the short piece of black cable firstly from the pressure switch.
9. The red cable in the engine bay should be connected via an in line fuse to the positive (+) side of the coil
10. The ring and securing tie should be left in place; this is for manual pull activation which is optional extra.

**The extinguisher gas will stall the engine when the system is discharged so preventing fuel being pumped into the engine bay, but only when a mechanical fuel pump is present.**

### **Electronic fuel pump**

For campervans with an electronic fuel pump the LED indicator light must be installed so to prevent the electronic fuel pump continuing to work after discharge of the fire extinguisher. This fail safe system is recommended for all electronic fuel pumps, as it prevents petrol being pumped to the engine bay without the need for the ignition being turned off (In a fire people tend to panic and forget to turn off the ignition meaning the fuel pump is still running).

We recommended that if an electronic fuel pump is being used that the negative side of the fuel pump is wired via the pressure switch. If the electronic fuel pump is wired via the pressure switch when the extinguisher activates it will stop the pump automatically.

Once the engine has been repaired you will need to by- pass the pressure switch to get you home using a male-male connector (not provided), otherwise the electronic fuel pump will not work.

For any further information regarding installation please feel free to contact VW Aircooled works and we will be happy to talk you through the installation.