

Case Study

Military vehicles produce a higher amount of poisonous exhaust gases as they have an increased engine size and output. Due to this the heat that is generated can be as high as 1000°C therefore ordinary exhaust extraction hoses will rapidly melt and degrade.

Total Extraction Solutions Ltd recommends large diameter high temperature specialist hoses which are suited to this type of application.



The most popular extraction system for the military vehicle workshop are swing arms, this tried and tested method consists of a rigid arm extending into the workspace providing effective extraction over the vehicle without the need to have trailing hoses scattered across the floor. A double outlet can accommodate twin exhaust ports or two single exhaust vehicles running simultaneously.

The hose end is fitted with a quick release coupling with internal air flow damper and rag trap; this allows attachment of exhaust adaptors and extension hoses. Ratchet type balance blocks neatly lift the assembly above head height when not in use.