



## CAN Bus and Integrated Systems at Truckstop-Hawkes

with AK Training

Truckstop-Hawkes is a leading supplier of parts, tools and diagnostic equipment to vehicle repair businesses in Worcester and the surrounding area. The company also offers a range of product training and technical services to clients. Their facilities on the Blackpole West Trading Estate, Worcester incorporates a classroom and some warehouse space for delivery of technical courses. This side of the business goes under the name of Tec-stop.



In October 2009, AK Training delivered a one day CAN Bus course at Truckstop's Worcester branch. The course was organised as part of an on going cooperation between Truckstop and AK Training to provide technical courses for Truckstop's trade customers.



Eight delegates attended the course including one member of Truckstop's staff, Sam Stiley. The others came from local independent businesses. Vehicles were jointly supplied for the course by AK Training and Truckstop. All course notes, tools and equipment were provided by AK Training.

### AK Training

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The course began with a technical presentation explaining the operation of the CAN bus. It also covered a brief overview of LIN, MOST and FlexRay. A CAN signal was demonstrated on a vehicle using an oscilloscope, at the same time highlighting voltage and resistance measurement values to expect on the CAN wires. Practical sessions enabled participants to test multiple CAN networks on live vehicles. They also used technical information and wiring diagrams to understand the layout of CAN bus networks and how to carry out diagnosis of CAN related system faults.



By the end of the course, participants had gained a thorough understanding of vehicle CAN bus networks. They each received a full colour technical workbook from AK Training. The course provided them with the convenience of being able to attend a technical course locally and with the added benefit of certified recognition from IMI Awards Ltd.

### Further information

AK Training is an independent business that supplies technical courses and professional services to the motor industry throughout the UK and overseas. A programme of vehicle electrical systems and diagnostics courses is available from AK Training. Selective courses have certified accreditation from IMI Awards Ltd and IRTEC.

Courses run throughout the year from venues around the UK. They can also be delivered on site and tailored to suit the needs of individual clients. For further information, contact:

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