

# Richard Roberts

## Career History

In 1986 I joined Lancashire Constabulary and served in a number of departments until 2001 when I joined the Collision Investigation Unit. I obtained a City and Guilds qualification in Forensic Collision Investigation and Reconstruction. In that role, I attended, investigated and reviewed many serious and fatal collisions involving vehicles of all classes. In 2012 I was appointed as the Senior Collision Investigator for Lancashire, a position that involved supervising the Collision Investigation Unit and managing the development of other Collision Investigators and Vehicle Examiners.

I undertook a number of different training courses in relation to forensically examining a wide range of vehicles. I carried out many varied vehicle examinations, including post-collision, damage comparison and detailed mechanical examinations. The vehicles examined also varied considerably from mopeds and disability scooters to large goods vehicles and a 130-tonne mobile crane.

I examine vehicles on a weekly basis and am experienced at analysing damage for crush depth, profile, severity and compatibility. Those examinations also encompass pre-impact condition and analysis of components for potential pre-incident defects. I regularly examine seatbelts and other supplemental restraints to establish correct usage during collisions.

I am familiar with reviewing engineers and investigators reports, photographs and scene plans and producing detailed reports.

I have regularly given expert evidence at Coroner's, Criminal and Civil Courts.

I have continued to develop my knowledge and experience throughout my service and have attained the following;

- I am a member of the Society of Operations Engineers (MSOE)
- I am a member of the Institute of Road Transport Engineers (IRTE)
- I am a member of the Institute of the Motor Industry (MIMI) (2015)
- I hold Licentiate to the City and Guilds Institute in Forensic Collision Investigation (LCGI)
- Bond Solon – Civil Procedure Rules for Expert Witnesses Certificate (2016)

I have lectured in vehicle examination and collision investigation techniques at the Universities of Bolton and Central Lancashire. I have carried out investigations and reviews

for the Independent Police Complaints Commission and have worked on fatal accident investigations with the Health and Safety Executive. I have worked with Myerscough College of Agriculture developing a course instructing in techniques for the examination agricultural vehicles and plant.

Over the years my duties have broadened and I have gained extensive experience in the following disciplines;

- Higher BTec –Vehicle Examination, including Light and Heavy Vehicle Inspection
- City and Guilds Advanced Motorcycle Inspection
- Inspection of agricultural vehicles and construction plant
- Tyre construction and failure analysis – Goodyear Dunlop Tyres
- Analysis of impact damage to motor vehicles and investigation of damage compatibility
- Identification of unrelated damage to motor vehicles and establishing compatible damage on collision damaged vehicles.
- Analysis of crush damage using computer software
- Forensic examination of light bulbs – Sheffield Hallam University
- Vehicle electronic diagnostics training
- Body Control Systems course relating to ABS/Traction Control and Supplemental Restraint systems
- Vehicle dynamics and stability testing
- Motor vehicle crash testing and damage analysis
- Downloading and analysis of Siemens VDO incident data recorders Training in the analysis of pedal cycle and pedestrian involved collisions
- Motorcycle Collisions and Dynamics
- Motorcycle MOT inspection and testing
- Motorcycle power output restriction
- BMW off-road motorcycle course
- Motorcycle Stability Testing – authorised test rider, AP Plus Idiada, Spain
- Trained by Leica GeoSystems in the use of electronic surveying equipment
- Analysis of GPS tracking data for collision investigation
- Experienced in the use of Thatcham ecribe
- Trained to use Glass's Market Value Assessor
- Health and Safety risk assessor

I hold a full driver's licence, motorcycle licence, LGV licence including articulated vehicles and PCV licence. During my police service I was qualified as a VIP escort driver, VIP escort rider and ACPO pursuit instructor.

The split between instructions received from claimant, defendant and single joint expert is shown below.

- Claimant 56%
- Defendant 40%
- SJE 4%

The above split is based on instructions received between 31/05/15 and 01/06/16

Outside work I am a member of the National Escort Group (NEG) providing motorcycle escort for British Cycling races and I am a motorcycle official for British Triathlon. I regularly assist event organisers in the planning of routes and in particular the safety requirements for road events.

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