INITIALISATION AND CALIBRATION OF ELECTRONIC SYSTEMS

MK190V01

Course Content

Module 1—Health Scans, Initialisation, and Calibration are Different

Module one explains the type of information health scans provide. Next, an explanation of what an initialisation provides and the systems that typically require initialisation is given. The module concludes with a discussion of the definition of calibration.

Module 2—Understanding Initialisation

The most common reasons for an initialisation and the steps to identify when initialisations are needed will be provided in module two.

Module 3—Understanding Calibrations

Module three will include information required to identify which safety systems may require calibration and determine where calibration procedures can be found.

Recommendations

Additional courses that may be helpful include:

- Understanding Vehicle Communication Networks (MK015E01)
- Planning Mechanical Repairs (MK010V01)
- Electronic Systems Diagnostics and Repair (MK020V01)
- Control Module Programming Overview (MK195V01)
- Troubleshooting Basic Electrical Circuits (MK180E01))

Course Benefits

Points: 0.50

Estimated Duration: 2 Hours

Format: Classroom & Virtual Classroom

Meets the I-CAR training requirements for the following roles:

- ESTIMATOR
- PRODUCTION MANAGEMENT
- STEEL STRUCTURAL TECHNICIAN
- ALUMINIUM TECHNICIAN
- NON-STRUCTURAL TECHNICIAN
- REFINISH TECHNICIAN
- ASSESSOR

After completing this course, you will be able to:

- Discuss the difference between health scans, initialisations and calibrations
- Recall why initialisations must be performed and the conditions that require initialisation
- Discuss the requirements of calibrations and the different complexities based on vehicle maker's requirements