AEE101

INTRODUCTORY TO EEPROM & ECU RESETTING

COURSE INTRODUCTION

This one day course includes theory and practical training elements about reading and programming eight pin serial EEPROM devices in-circuit. The content is designed for locksmiths and automotive tradespeople which covers techniques for modern automotive key making and ECU data manipulation. The skill set is also applicable to several forms of ECU repair and second-hand parts replacement.

The content focuses on solutions for lost-all-key scenarios where diagnostic programming is not physically possible due to limitations in vehicle design, or restrictions implemented by the manufacturer.

Upon completion of the course you will gain the ability to provide new key making solutions for various vehicles previously off limits.

Suitable applicants should be able to demonstrate:

- Significant diagnostic key programming experience
- Basic to fair PC operating skills

FEATURED APPLICATIONS

- Toyota 4C/4D Immo & Engine ECU
- Daihatsu 4C/4D Immobiliser ECU
- Honda Red key Immobiliser ECU
- GM Rodeo / Jackaroo Immo ECU
- Zylux 4C GM transponder system
- Ford / Mazda 8C engine ECU

- Ford Courier / Mazda Bravo ID46 Immobiliser ECU
- Plus many other Euro various vehicle ECUs including examples from VW Group, PSA, Alfa group and more

Regularly updated course documentation covers both theory and practical elements featured the training.

YOURS TO KEEP

Included into the course fee is the equipment required to perform the work proceeding the training:

- Either the Basic or Advanced HPX Immo kit Orange5 programmer (advanced kit at additional cost)
- IC Test clips and harnesses
- A memory stick with important software and files
- A reference manual including the course content and extended information

FEATURED TOOLS

The subjects and references include coverage of tools:

- Scorpio-Ik Tango
- TMPro2
- AD900Pro / Cyclone
- Zed Bull / Zed Full
- Silca RW4 / Keyline 884

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TOPICS

- Precautions
- Procedure overview
- Vehicle Immobiliser system overview
- IC Component Functionality
- Programmer Software Functionality
- Test Clip connection & isolation
- Understanding immobiliser / /ECU binary files
- Recognition & writing of data into immobiliser files
- Introduction of pin codes within immobiliser files

WHY TECH ED?

LSC Tech Ed offers both product specific, and non-product specific training for locksmiths, security installers and automotive industry engineers around Australia and New Zealand.

Professionally trained and qualified instructors with industry backgrounds provide the highest quality theory and practical training elements, ensuring students are ready to execute their newly developed skills immediately into their business.

TECHED