

zSpace Alternative Fuel Bundle

Applications included:

Supported in English and Chinese.



Hybrid Automotive Mechanic



Electric Automotive Mechanic

Compliment Applications:



Automotive Mechanic



Automotive Expert



Franklin's Lab



zView



Studio A3

Application Overviews:



Hybrid Automotive Mechanic by GTAFE is comprised of 3 modules: engine, transaxle, and structure and principles of powertrain. This includes Basic working principles, VVT-I principles, Atkinson Principles, Transaxle principles, and Principles of planetary gear mechanism. Additionally, the disassembly and assembly (providing guide, training, and examination) of Prius engine and transaxle and the overall working principles and energy flow module of the powertrain are covered.



Electric Automotive Mechanic by GTAFE allows students to practice the assembly and disassembly of an electric vehicle and its various systems within a virtual mechanic shop where safety is guaranteed and repair procedures can be repeated.



Electric Automotive Mechanic by GTAFE

REFERENCE SHEET - Components

COMPONENTS

Click to open the submenu

Click to open submenu

Switch the model view mode

Glass-free 3D zView Settings

Powertrain

- Battery module
 - Service switch
 - Upper protective cover
 - Lower protective cover
 - Sealing ring
 - Positive and negative terminal
 - Module connector
 - Distributed collector
 - Battery manager
 - Communication wiring harness
- Upper cover
- Lower cover
- Side plate
- Busbar
- Single core
- Upper mounting bracket
- Lower mounting bracket
- Temperature and voltage sampling wiring harness
- Temperature sensor

Power battery structure

Power battery principles

Power battery disassembly training

Power battery installation training

Systems Button

Help Exit



Electric Automotive Mechanic by GTAFE

REFERENCE SHEET - Training of Whole Vehicle

TRAINING OF WHOLE VEHICLE

Click to open the fault list

Click to switch the failures, Fault Diagnosis, and maintenance Repair

High voltage safety and action rules

Failure simulation training

Training examination

Function Button

Glass-free 3D zView Settings

Failure list

- Reduction in the power battery capacity
- Blown out fuse of the power battery
- Down fast of power battery
- Vehicle cannot charge
- Vehicle power failure
- Power battery alarm
- Leakage in the power battery
- DC/DC leakage

Skip >>

Help Exit