

# 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.



# Hybrid Automotive Mechanic by GTAFE

REFERENCE SHEET - Launch Code AP56



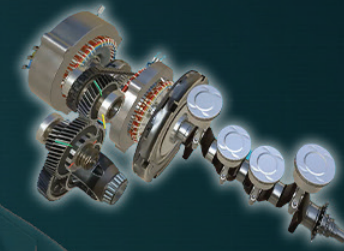
## Engine



## Transaxle



## Principles of Powertrain



Principles of Powertrain System



Structure



Principles



Disassembly



Assembly



Overall working principles



Working principles of energy flow

### Structure

Explore components of the engine and transaxle.

### Principles

Explore basic working principles of the engine and transaxle.

### Disassembly & Assembly

Dissassemble and assemble the engine and transaxle. Guided, Training, and Exam options are available.

### Overall & Energy Flow

Option to review the overall working principles or the principles of the energy flow.





# Hybrid Automotive Mechanic by GTAFE

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Overall engine disassembly - Guide

Parts

Parts Box

Guidance  
Guides the student through Assembly/Disassembly process.

Training Mode  
Partially guides the student through Assembly/Disassembly process.

Exam  
No instructions and tips. Timed.

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Tool: **Special tool for crankshaft pulley**  
Steps: Jam the crankshaft pulley.

Tips Box  
Lists all steps and outcome of each step.

Tool Box  
Tools needed to complete the task.

Reset

Text Tips (Training Mode)

Position

Operating Record

Undo