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.

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Hybrid Automotive Mechanic by GTAFE
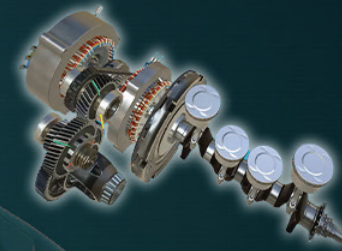
REFERENCE SHEET - Launch Code AP56

Engine

Transaxle

Principles of Powertrain

Principles of Powertrain System

Transaxle

Structure
Explore components of the engine and transaxle.

Principles
Explore basic working principles of the engine and transaxle.

Disassembly & Assembly
Dissasemble 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.

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Hybrid Automotive Mechanic by GTAFE

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Overall engine disassembly - Guide

Parts

Parts Box

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

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Tips Box

Lists all steps and outcome of each step.

Tool

Tool Box

Tools needed to complete the task.

Guidance

Guides the student through Assembly/Disassembly process.

Training Mode

Partially guides the student through Assembly/Disassembly process.

Exam

No instructions and tips. Timed.

Text Tips
(Training Mode)

Operating Record

Reset

Position

Undo

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