

GENERAL DESCRIPTION

The Consulab EM-610 Half Vehicle is a fully operational, mobile, and safe trainer that allows the student to operate almost all OEM electrical and mechanical components in an area with limited workspace. Ideal for easy demonstration and handling in group sessions. The training bench includes:

- Front section of a car (half vehicle)
- Car paint
- Safe gas tank and line
- Four (4) five-inch swivel casters (2 lockable)
- DLC connector for complete diagnosis
- Electronic fuel injection
- Automatic or manual transmission
- Ignition system
- Braking system
- Front suspension system
- Steering system

OPTIONAL EQUIPMENT

- Air bag system (EM-300-07)
- Breakout box (EM-100)
- Engine fault simulator (EM-250)
- Original A/C system
- A/C fault simulator (EM-254)
- Original shop manual
- Protective cover (EM-1200)
- Automatic regulated 12-V battery charger (EM-1210)
- AM/FM radio & CD player with amp & speakers



TRAINING GUIDE

Includes CEMEQ training guide #3 Engine performance which includes the following materials:

Chapter 1 Engine operation

- 1.1 Operation of the Engine's Mechanical System
- 1.2 Troubleshooting an Engine's Mechanical System
- 1.3 Engine Mechanical Performance

Chapter 2 Supply systems

- 2.1 Air Supply System
- 2.2 Fuel System

Chapter 3 Ignition systems

- 3.1 Mechanical Advance Ignition Systems
- 3.2 Electronic Advance Ignition Systems
- 3.3 Integrated Direct Ignition Systems (IDI)

Chapter 4 TroubleshootingChapter 5 Inspecting and correcting engine performance

- 5.1 General Summary
- 5.2 Synthesis Activity
- 5.3 Conclusion
- 5.4 Bibliography

Appendix A Answer Key

Appendix B List of Required Material

