



# MEGATECH

ASE Accredited Training Provider

## Hybrid Engine Performance Trainer

### Toyota Prius GEN III

#### Model: MEG007-HYB-III

#### DESCRIPTION:

The MEG007-HYB-III trainer is constructed from a Toyota Prius GEN III hybrid vehicle cut at the lower terminus of the windshield pillars and has all doors removed. The trainer includes a complete operational engine with "built-in" fault simulation, drive train, ECM computer system, transaxle/transmission, suspension, and front brakes, electrical and exhaust systems, air conditioning, and fully functional dashboard. All engine components and sub-systems, such as fuel, emission control, and electronic controls are intact for training.



The exhaust system, including the catalytic converter and muffler system, is connected and functional. A separate fuel tank with the fuel pump and necessary fuel lines is supplied. The trainer will have 2" X 2" steel framing for support and include removable heavy duty casters, to make this unit mobile in the shop. Safety precautions are taken to prevent rotational, mechanical and electrical hazards.

#### FEATURES

- Courseware (ASE-based)
- Reference Manual (Original Service Manual)
- Fault Insertion Box
- Breakout Box
- High Voltage Training
  - High Voltage Battery
  - High Voltage Power Cable
  - Inverter/Converter
  - HV/EV Transmission
  - HV/EV Transaxle
  - Rear Drive Motor
  - A/C Compressor
  - Charging Inlet

#### RESOURCES:

- Courseware (NATEF based around faults)
- Reference Manual (Original Service Manual)
- Owner's Manual

#### DIMENSIONS:

Approx. Size: 7' x 5' x 4"  
Approx. Weight: 1500-2500 lbs.



Fault Box



Breakout Box