



SERVICE TRAINING ACADEMY

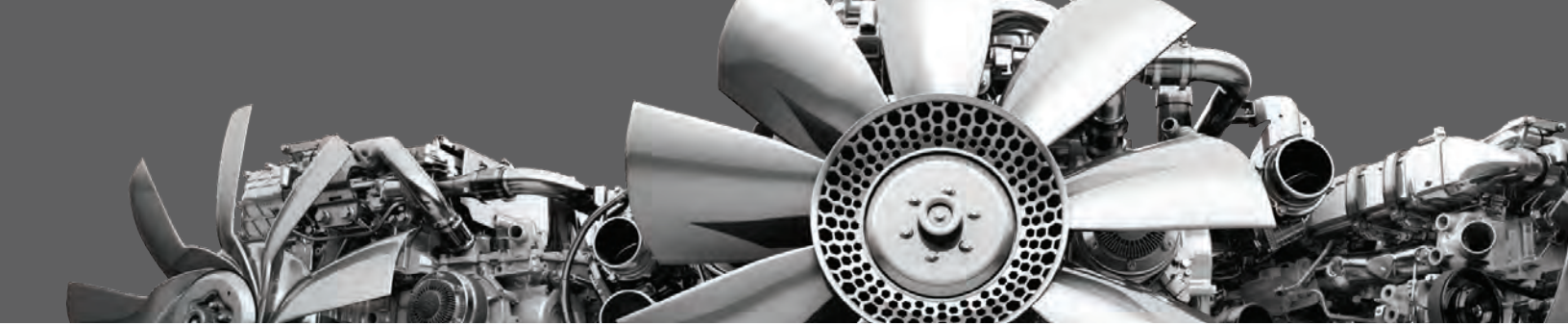
DAIMLER TRUCKS NORTH AMERICA



SERVICE TRAINING AIDS

Detroit™ Engine Training Simulation Equipment for Classroom Environments

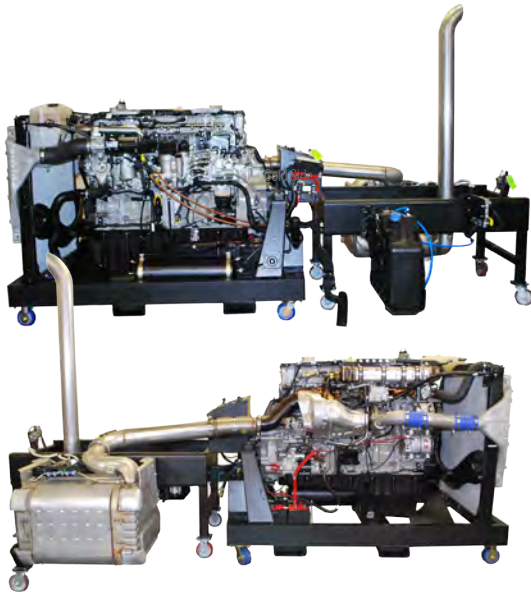
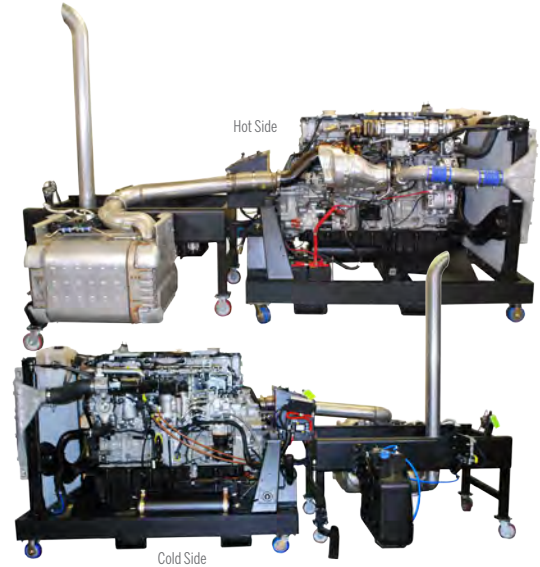
DTNA/STA-TAE015



Detroit GHG14 DD Series Training Engine with Aftertreatment

Fully functional running Detroit GHG14 DD Series engine. Includes all necessary components to start, run, regenerate, and monitor the engine. Equipped with GHG14 aftertreatment system including diesel particulate filter, catalyst, and DEF system. Complete with all brackets, heavy duty cart, air-to-air package, coolant package, fuel system package including tank, engine control box with gauges, switches, instrument cluster, and 9 pin diagnostic plug.

TA-ENG-1300 GHG14 DD Series Complete Engine & ATD\$59,400



Detroit EPA10 DD Series Training Engine (Complete)

Fully functional running Detroit EPA10 DD Series engine. Includes all necessary components to start, run, regenerate, and monitor the engine. Equipped with EPA10 aftertreatment system including diesel particulate filter, catalyst, and DEF system. Complete with all brackets, heavy duty cart, air-to-air package, coolant package, fuel system package including tank, engine control box with gauges, switches, instrument cluster, and 9 pin diagnostic plug. Note: see back page for definition of a blemish engine.

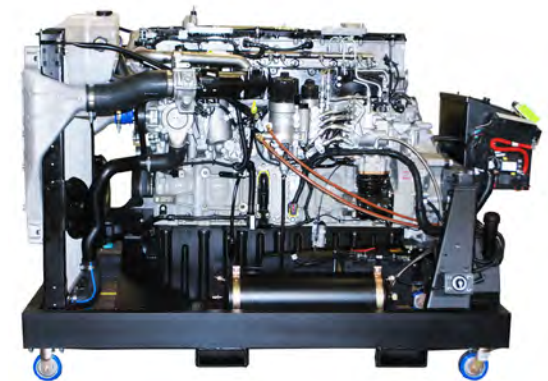
TA-ENG-1301 EPA10 DD Series Complete Engine & ATD (Blemish)..... \$40,500

Detroit DD Series Training Engine with Heavy Duty Stand

Fully functional running Detroit DD Series training engine. Comes with heavy duty stand including rear engine mounts, heavy duty casters, and floor lock brake. Includes coolant and air-to-air, starting and charging, electrical, and fuel packages. Aftertreatment package not included. Note: see back page for definition of a blemish engine.

TA-ENG-1302 GHG14 DD Series Engine w/ HD Stand \$48,900

TA-ENG-1303 EPA10 DD Series Engine w/ HD Stand (Blemish) \$29,700



DD13/DD15 Heavy Duty Engine Stand

Used with running DD15 and DD13 training engines. Comes with front and rear engine mounts, heavy-duty casters and floor brake as shown in the picture.

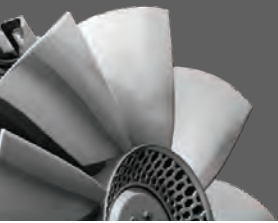
TA-ENG-1304 DD13/DD15 Heavy Duty Engine Stand\$4,520



REAL WORLD DIAGNOSTIC AND REPAIR SCENARIOS

NOW IN YOUR TRAINING ENVIRONMENT.

GENUINE DETROIT™ COMPONENTS.



Base Detroit DD Series Training Engine with Roller Cart

Base Detroit EPA10 DD Series engine. Comes with light duty roller cart. Does not include aftertreatment, coolant and air-to-air, starting and charging, electrical, or fuel packages. Typically used in major repair classes for teardown purposes.

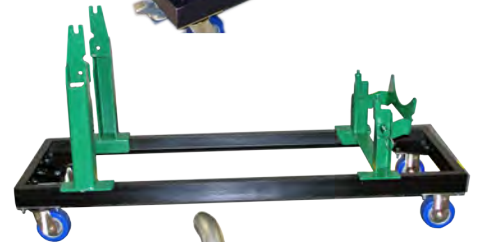
- TA-ENG-1305 Base GHG14 DD Series Engine w/ Roller Cart.....\$35,700
- TA-ENG-1306 Base EPA10 DD Series Engine w/ Roller Cart (Blemish).....\$14,900



DD13/DD15 Engine Roller Cart

Designed to hold and move rebuild engines. Equipped with two straight casters, two swivel casters and a floor brake in center of stand. Not to be used with running engines.

- TA-ENG-1307 DD13/DD15 Engine Roller Cart.....\$1,275



GHG14 Aftertreatment Package/EPA10 Aftertreatment Package

Complete GHG14 aftertreatment unit, or EPA10 aftertreatment unit, with exhaust. Comes fully plumbed and wired. Mounting cart with heavy duty casters included. EPA10 units sold while supplies last.

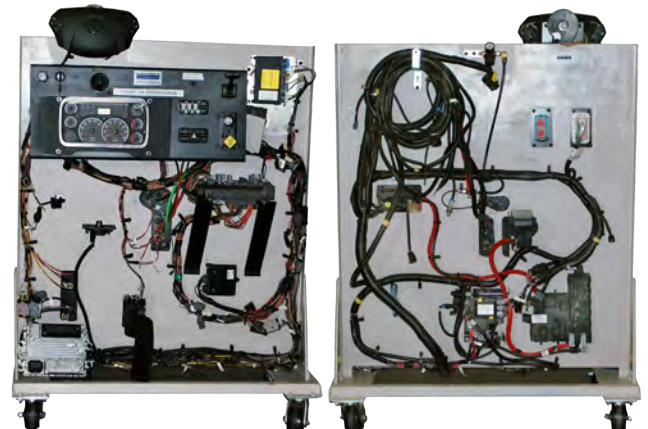
- TA-ENG-1308 GHG14 or EPA10 ATD w/ Mounting Cart.....\$16,800
- TA-ENG-1309 GHG14 or EPA10 ATD w/o Mounting Cart.....\$15,800



Training Engine Interface Board

The engine interface board simulates the interaction between Freightliner Cascadia vehicle electronics and Detroit engines. The board's functionality includes the ability to start, run, diagnose and program a DD15 Engine. The simulator package includes vehicle and engine electronics, switches, instrument cluster, accelerator pedal, air valves, and 9 pin diagnostic connector.

- TA-ENG-1310 Training Engine Interface Board.....\$9,750



TURN-KEY PACKAGES OR INDIVIDUAL COMPONENTS. **COMPACT AND MOBILE.** CUSTOM BUILT BY SERVICE TRAINING ACADEMY.

Coolant and Air-to-Air Package

Package contains air-to-air exchanger, radiator, and all hoses, clamps, and lines. Fans not included in coolant and air to air package. Call for pricing on dual electric fan setups and manual fan setup options. For use with base training engine.

TA-ENG-1311 Coolant and Air-to-Air Package..... \$3,300



Electrical Package

Comes with 9 pin diagnostic connector, tachometer, speedometer, coolant temp gauge, oil pressure gauge, air pressure gauge, fuel gauge, DEF gauge, parking brake switch, clutch switch, fan switch, cruise control, regeneration switch, engine brake switch, and wired CPC. For use with base training engine.

TA-ENG-1312 Electrical Package..... \$3,300

TA-ENG-1313 Electrical Mounting Box Only; No Electronics Provided..... \$300



Starting and Charging Package

Ships with battery box, two batteries, charging and battery cables. Price subject to change based on current battery prices. For use with base training engine.

TA-ENG-1314 Starting and Charging Package..... \$450



Fuel Package

Diesel fuel tank, cap, and plumbing to interface with fuel module included. For use with base training engine.

TA-ENG-1315 Fuel Package..... \$450

TA-ENG-1316 Fuel Tank Only..... \$300





DD13/DD15 Adapter Plate

Allows DD13 and DD15 engines to fit on Kent Moore and Kiene engine stands.

TA-ENG-1317 DD13/DD15 Adapter Plate\$1,045



Detroit Engine Basic Electrical Kit

Designed for Detroit Basic Electrical course. Includes light bulb harness, red/black jumper leads, power supply harness, switch/fuse harness, resistive harness, carrying case, and a variety of connectors and hardware to set up each student electrical learning board. 12v power supply not included.

TA-ENG-1318 Detroit Engine Basic Electrical Kit\$270



Student Electrical Board

Student electrical learning board enables quick and easy setup of electrical circuits for understanding and diagnosis.

TA-ENG-1319 Student Electrical Learning Board\$100





Custom built training aids by Daimler Trucks North America's Service Training Academy serve to emulate real world diagnostic and repair scenarios in the classroom learning environment. Detroit™ engine training aids are available as turn-key packages, which require minimal setup and assembly upon delivery or through individual components, to be purchased separately and assembled at the training facility.

Each training aid is built with genuine Detroit components and high quality custom fabricated mounting hardware. Designed to be compact and mobile, there is sure to be a training solution for each training facility's needs and budget.

Prices listed are manufacturer's suggested retail and do not include tax, crating or shipping costs. All components are new unless otherwise noted. All items are intended for training use only and are subject to availability. Blemish engine options are complete and functional; however, these engines were previously installed in a production vehicle and were part of a factory campaign. Contact Service Training Academy Custom Built Training Aids with custom item inquiries.