

CONSULINK ENGINE BENCH CUMMINS B6.7 EPA 2021 NEW



This is the first ever heavy vehicle diesel engine bench to have ConsuLink. The HV-950-B6.7 diesel engine bench includes a new, fully operational, Cummins B6.7 diesel engine, EPA 2021.

WHAT IS CONSULINK™?

ConsuLink™ changes the way that you and your students interact with our products. Instead of relying on switches and dials to turn on and off, adjust faults, or setup different scenarios on the engine bench, are now accessible through a touchscreen on the front of the trainer.

Student benefits

Through ConsuLink™ students gain access to safety warnings, component locator, wiring schematics, basic operating instructions, Case Studies and more. The students can autonomously activate each case study which will automatically adjust the engine bench to the pre-set parameters, giving them the customer complaints and instructions on what to do, thus liberating instructor time to work with other students. Students can proceed through these case studies on their own and bring the results to you, their instructor. They bring their scan tool, service info, multimeter/oscilloscope, and their desire to learn, and ConsuLink™ will help with the rest!

Teacher benefits

ConsuLink™ holds all the information necessary to make teaching with the engine bench easy, once you enter your teacher pin or unlock it with the provided access key, you gain access to the answer keys to all the student case studies, you also gain access to numerous lessons with preselected fault values instructions, basic lesson plan, types of demonstrations that can be done, all vetted out and proven by our team to save you time. You gain access to faulted schematics, the ability to create your own case studies (through manual fault insertion), along with all the other information available through the student menus.

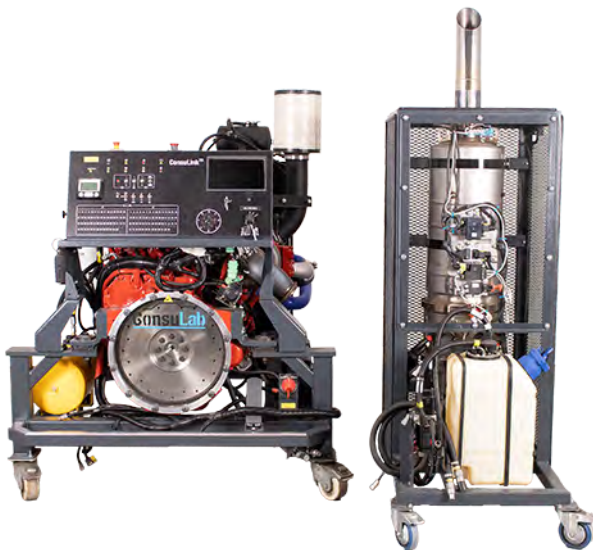


EDUCATIONAL ADVANTAGES

- Includes three different educational support documents :
 - Operation manual
 - Student assignments
 - Instructors manual
- ConsuLink student learning platform with a touchscreen display.
- Demonstration of major engine systems to groups of students without the access limitations of a complete vehicle.
- Engine systems respond to inserted faults with real-world symptoms, OEM DTCs, and check engine light operation.
- Functional DLC using SAE J1939 protocols.
- Demonstration of exhaust after-treatment emission system operation.

APPLICATION

Cummins B6.7, EPA 2021 w/EGR, DPF, SCR



FEATURES

- Single camshaft
- High Pressure Common Rail (HPCR) fuel system
- ECM 2450 (this control module incorporates DEF dosing control)
- Variable Geometry Turbocharger (VGT)
- Exhaust Gas Recirculation system (EGR)
- Steel tubing engine stand with four removable casters, two locking
- Fuel tank
- Radiator
- Charge-air cooler
- Air filter
- Instrument panel with :
 - Ignition key and testing points
 - Indicator lamps and switches
 - Breakout box
 - Murphy PV101 control panel for J1939 parameters
 - J1939 Data Link Connector
- Accelerator pedal
- Emergency stop switches (2)
- Batteries (2) with master disconnect switch and smart battery charger
- Safety guards on all rotating or high temperature components
- Electronic programmable fault box
- Aftertreatment system:
 - Single Module DPF and SCR

TECHNICAL INFORMATION

- Dimensions : 50 x 58 x 73.25 inch (127 x 147.32 x 186.06 cm) without packaging / 60 x 82 x 78 inch (152.4 x 208.28 x 198.12 cm) with packaging
- Weight : 2216 lb (1 005 kg) with packaging