

The Analyzer



THE WISCONSIN VEHICLE INSPECTION PROGRAM

WIVIP HELP LINE
(866) 623-8378

Top Story

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Inside this issue:

Emissions waiver repair cost limit increases to \$1,144, effective July 1, 2025

The repair cost limit for all model year vehicles subject to emissions testing will increase to \$1,144, effective July 1, 2025. This figure is adjusted annually by the DNR per NR 485.045.

Vehicles subject to emissions testing that continue to fail may be eligible for a cost waiver if actual costs of emissions related repairs exceed the repair cost limit. Only repairs that are related to the vehicle's cause of failure can be used to apply for a cost waiver. Costs covered by any warranty or costs to repair/replace emissions control equipment that has been removed, modified, or disconnected are excluded.

The owner must have emissions related repairs performed on the vehicle at a Recognized Repair Facility to qualify for waiver consideration. A list of Recognized Repair Facilities may be found at the Wisconsin Vehicle Inspection Program [website](#).

Interested in becoming a Recognized Repair Facility?

More information and the application form to apply for Recognized Repair Shop Facility status, free of charge, may be found at <https://www.wisconsinvip2.org/Content/Files/RecognizedRepairFacilityApplication.pdf>

TRANS 131.02(39) includes franchised NEW car dealerships as Recognized Repair Facilities.

If you would like to become recognized, but need to be certified or recertify, you can find information regarding the ASE process at ase.com.

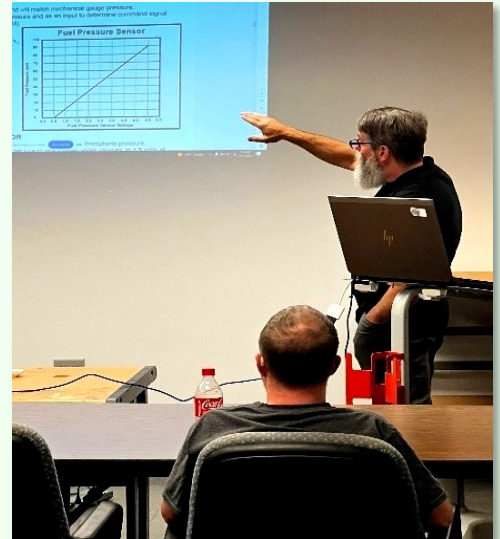
FEATURE	PAGE
Top Story: Emissions waiver repair cost limit increases to \$1,144, effective 7/1/25	1
The Technician's Bench: Attendees gain valuable insights at seminars led by MATC's Jeff Gahan	2
The Technician's Bench: More about the Advanced Engine Performance Specialist Certification Test (L1)	3



Attendees gain valuable insights at recent seminars

Two quarterly seminars led by MATC instructor Jeff Gahan have been held so far in 2025, offering valuable information to the in-person groups and many online attendees.

In June, Jeff offered a comprehensive overview of the value and impact of ASE (Automotive Service Excellence) certification for automotive professionals, with a focus into the L1 Advanced Engine Performance Specialist test. Attendees gained insight into the structure and significance of ASE certification, its role in career advancement, industry standards, and credibility with employers and customers. The session also covered key content areas of the L1 exam—including advanced diagnostics, drivability issues, emissions systems, and onboard diagnostics (OBD II)—helping participants understand what to expect and how to prepare effectively.



More information about the L1 exam is provided on page 3.

At the March seminar, Jeff provided a foundational understanding of diesel engine emissions and aftertreatment systems, essential for modern light-duty diesel emissions control. Participants explored key topics, including:

- ◆ **Selective Catalytic Reduction (SCR)**
- ◆ **Exhaust Gas Recirculation (EGR)**
- ◆ **Diesel Oxidation Catalyst (DOC)**
- ◆ **Diesel Particulate Filter (DPF)**



Additionally, a representative from the **Wisconsin Department of Transportation** provided insights on current diesel tampering regulations and enforcement.

Free quarterly seminars are hosted at the Opus Brookfield facility at 3225 Gateway Rd, Suite 450. Refreshments are served. Attendees find that the quarterly seminars offer great opportunities to increase their knowledge base and enhance their careers. Please contact Opus for more information about upcoming seminars or to suggest a topic.

Photo credits: Micheal Larry



The Technician's Bench

More about the Advanced Engine Performance Specialist Certification Test (L1)

The information below was presented as a part of the June seminar with Jeff Gahan (see page 2)

Objective

To identify those technicians who possess knowledge of the skills required to diagnose sophisticated driveability and emissions-related problems on automobiles, SUVs, and light-duty trucks.

Test Content

The Advanced Engine Performance Specialist (L1) test contains 50 scored questions focused on the diagnosis of general power-train, computerized power-train controls (including OBD-II), ignition systems, fuel and air induction systems, emission control systems, and I/M test failures. Because of the complexity of the L1 test, ASE generally recommends that you NOT register for other tests during the same test session.

Composite Vehicle

Many of the questions relate to a sample vehicle using a composite power-train control system featuring computerized engine control technology used by most manufacturers. This vehicle is described in the Composite Vehicle Type 4 Reference Booklet that is provided both before and at the time of testing. Use the link below to download and review this booklet prior to taking the L1 test.

Prerequisite

To register for the regular L1 certification test, you must have passed the Automobile Engine Performance (A8) test. To register for the recertification version of the Advanced Engine Performance Specialist Test (L1R), you must have previously passed the regular L1 test.

Recertification

Technicians must retest every five years to retain their certification. The Advanced Engine Performance Specialist recertification test (L1R) is the same length as the regular certification test.

Download the Study Guides

Advanced Engine Performance Specialist Study Guide—This guide contains test specifications, tasks lists, sample test questions, and training resources.

Composite Vehicle Type 4 Reference Booklet—This booklet describes the composite drivetrain control system that is used with many of the questions in the L1 test.

Interested in joining the WIVIP team as a PIF?

It's easy! Contact Bob Patzer

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