The Analyzer

THE WISCONSIN VEHICLE INSPECTION PROGRAM

WIVIP HELP LINE
(866)623-8378

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Top Story

Reserve your spot for the next quarterly seminar on November 12th

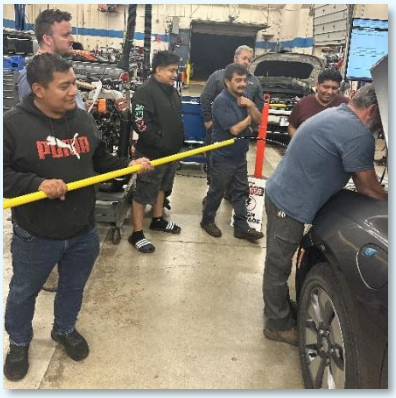
Electrical diagnosis to be covered at free event

Our next quarterly seminar will be held on Thursday, November 12th from 6:00 to 8:00 p.m. at **MATC's Mequon Campus** automotive center (5555 Highland Rd, Mequon, WI 53092). MATC's automotive center is a state-of-the-art facility, and this seminar will give you hands-on experience. The topic for this seminar is *Electrical Diagnosis*.

The November seminar session builds on electrical fundamentals to aid technicians in how to isolate vehicle electrical faults using the industry-standard *Six-Step Troubleshooting Procedure*. Through real-world scenarios, participants will learn to read complex wiring diagrams, determine strategic starting points for circuit testing, and systematically isolate electrical failures without guesswork.

Refreshments and pizza will be served, so check your calendar and reserve your spot today by emailing WImanagement@opusinspection.com or calling (262) 641-5217. Attendance is free!

Hybrid system knowledge and safety practices the focus of September seminar



Our last quarterly seminar, held on September 17th, provided foundational knowledge on how hybrid electric systems operate, and the safety protocols required to work on or around them. As hybrid vehicles become standard across modern fleets and service bays, working safely around high-voltage systems is critical.

Led by MATC instructor Jeff Gahan, the introductory seminar provided foundational knowledge on how hybrid electric systems operate, and the protocols required to work on or around them safely. Participants learned how to identify high-voltage components, understand system architecture, and implement industry-standard safety practices to prevent electrical hazards.

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Don't forget to ask emission inspection and core business customers if they would like their registration renewed.

Program News

Benefits to becoming a Recognized Repair Facility with the Wisconsin Vehicle Inspection Program



Motorists in southeastern Wisconsin seek emissions related repairs for vehicles that cannot pass the emissions inspection, a biennial requirement for most vehicles to complete registration renewal or at the time a vehicle changes ownership.

A repair business achieves recognition if it has at least one technician with advanced emissions related training (see details below) and has completed the registration process with the Wisconsin Vehicle Inspection Program (WIVIP).

Repair facilities meeting recognition criteria can realize the following advantages:

- **Increased business:** Accurate repairs yield satisfied customers and word-of-mouth referrals from family and friends.
- **Free advertising:** Only a list of recognized repair facilities is provided to motorists at the time of the vehicle's failure or rejection. There is also a special section on the program website (https://www.wisconsinvip2.org/) that lists recognized repair facilities.
- **Increased credibility:** A recognized repair facility is one of a select group of repair facilities distinguished for having technicians with advanced emissions repair training.
- **Standing out:** Only DTC-related emissions repair work performed at a recognized repair facility is eligible for waiver consideration.

How to become recognized

If your facility employs at least one technician with ASE L1 certification, or is a franchised new car dealership, it is one step away from becoming a recognized repair facility.

You may register your facility, free of charge, with the Wisconsin Vehicle Inspection Program (WIVIP) by completing the application (listed under Forms and Downloads on the program website).

Once recognized, your facility will appear on the WIVIP website, as well as on handouts to customers.

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

If you need to order supplies or replacement stickers and you would prefer to email Opus, please send to *WImanagement@opusinspection.com*.

The Inspector's Bay

Correctly performing the KOEO/KOER process

During an emissions inspection do you perform the KOEO/KOER process correctly? Please take the time to read through and ensure you are fully familiar with the process below.

MIL Bulb Check Test: Key On / Engine Off (KOEO)

- The inspector must turn the engine off.
- Once the engine is off, the key must be turned to the "On" position.
- The inspector must fail a vehicle if the MIL does not illuminate with key in the on position and the engine is off.

NOTE: Vehicles that arrive with a MIL illuminated while running must be tested.

- Start the vehicle.
- GM Light Duty Trucks require the ignition to be in the OFF position for 30 seconds before KOEO.
- Connect inspection equipment (OBD cord) to the data link connector (DLC).

MIL Bulb Check Test: Key On / Engine Running (KOER)

- After the inspector has turned the engine on
- With a 30 second delay for GM light duty trucks
- The inspector must visually verify that the MIL is not illuminated.
- The inspector must fail a vehicle during the bulb check test if the MIL is illuminated while the key is in the "On" position and the engine is running.

NOTE: If you get a warning screen to recheck the MIL light status, make sure you DO NOT IGNORE this screen. Please take a moment to verify that you have answered this question correctly. If unsure, please contact Opus at (262) 641-5217

Interested in joining the WIVIP team as a PIF?

It's easy! Contact Bob Patzer
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