

The Analyzer



THE WISCONSIN VEHICLE INSPECTION PROGRAM

WIVIP HELP LINE
(866)623-8378

Top Story

Volume 2, Issue 1
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New vehicle emissions inspection program contract announced for Wisconsin

Opus Inspection has a new contract to continue the vehicle emissions inspection program for the State of Wisconsin. The new program is under development and will bring many new enhancements. The goal is to improve convenience for motorists and make the inspection process more flexible, which benefits inspection facilities.



Program Manager
Mike Daury

Highlights of the new program include:

- ◆ A new state-of-the-art tablet system that will provide added flexibility, speed, and ease of use in the inspection process.
- ◆ A public information program to introduce program improvements to the motoring public.
- ◆ A brand-new, mobile-friendly website that will be more interactive and will include each location's testing hours.
- ◆ Two WIVIP-operated test-only locations that will be added by year end to provide increased testing capabilities and support throughout the network. These facilities are located in high demand areas to help support the current inspection network and maximize motorist convenience. A self-service kiosk offering 24-hour testing availability will be added at each of these facilities.
- ◆ We are planning to add an additional Technical Assistance Center to better assist motorists in diagnosing issues and achieving compliance.

The program will be implemented in a phased manner, so more details to follow. Please do not hesitate to contact myself or any Opus staff member if you have any questions. We look forward to working with you and your teams in 2024 and beyond!

Sincerely,

Mike

Mike Daury

WIVIP Program Manager

michael.daury@opusinspection.com

Inside this issue:

FEATURE	PAGE
Top Story: New emissions inspection program contract	1
Repair Book data entry	2, 3
New centralized station opens in Oak Creek	4
The Technician's Bench: KOE0/KOER emissions testing process	5
Tips to ensure a successful test	6
New address for Opus Wisconsin HQ	6

Program News

Repair data entry helps shops earn recognition

Repair data entry is a great way to inform motorists about your success in completing emissions-related repairs.

Emissions inspectors and repair technicians can access the Repair Book reporting website and log emissions-related repairs. The WIVIP will post success rate in repairing vehicles on the www.wisconsinvip.org website.

To make sure this happens for your facility:

- ◆ Register with the Wisconsin Vehicle Inspection Program (WIVIP) to become a recognized repair facility.
- ◆ Complete the application at: <http://www.wisconsinvip.org/WivipPublic/PDF/Forms/RecognizedRepairFacilityApplication.pdf>, or we can email you a copy if you contact our office at (262) 641-5217. When the automated system answers, simply push the number **2** on your keypad to be connected to our local office.
- ◆ Once registered, your facility's repair activity can be reported on the official program website using the form found at <https://www.wisconsinvip.org/WivipPublic/PDF/Forms/RepairData.pdf>
- ◆ The more effective you are at repairing vehicles that had failed the emissions test, the better your repair score!

How to enter repair data for emissions related repairs:

- ◆ During each emissions test a prompt will ask the inspector if emissions-related repairs have been performed.
- ◆ Each inspector should properly respond to this question and enter the appropriate data. **(See example on page 3.)**
- ◆ The inspector will enter the information requested and select **Continue** once data is entered.
- ◆ Technicians can also access data entry via the repair book via the WIVIP website. (If they need help accessing the repair book or if they lost their password, techs can contact our office at (262) 641-5217.
- ◆ When the automated system answers, simply push the number **2** on your keypad to be connected to our local office.

Recognized repair facilities with the WIVIP benefit from:

- ◆ **Increased business**
- ◆ **Free advertising**
- ◆ **Increased credibility**
- ◆ **Standing out from other businesses**

You may Register your facility free of charge if:

- ◆ **You employ at least one technician with ASE L1 certification or WISETECH certification;**
- OR
- ◆ **Your facility is a franchised new car dealership.**

Interested in joining the WIVIP team as a PIF?

It's easy! Contact Bob Patzer

Phone: (262) 282-5598

Email: Bob.Patzer@Opusinspection.com

Program News

Your repair facility's activity can be reported on the WIVIP website—Here's how!

STEP 1: IS YOUR BUSINESS ALREADY REGISTERED WITH THE WISCONSIN VEHICLE INSPECTION PROGRAM? See page 2 of this newsletter for details.

Once registered, your facility's repair activity can be reported on the official program website (<https://www.wisconsinvip.org/>). The more effective you are at repairing vehicles that had failed the emissions test, the better your repair score!

STEP 2: DATA ENTRY PROCESS FOR EMISSIONS RELATED REPAIR

During each emissions test a prompt will ask if emissions-related repairs have been performed. Each inspector should properly respond to this question and enter the appropriate data.

Technicians can access data entry via the repair book website: www.wisconsinvip.org/RepairBook/.

Wisconsin Vehicle Inspection Program

REPAIR DATA

For reinspection or waiver qualification, the person performing the repairs must complete this form. Please place one "X" per item in the box to indicate which component has been (A) repaired, (B) replaced, or (C) repairs were recommended but not performed. Mark only ONE BOX per item.

Repair Item Checklist	
Recommended But Not Performed	Recommended But Not Performed
Repaired	Replaced
↓	↓
Air Filter Element	1: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Thermostatic Air Cleaner System	2: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Transmission Repairs	3: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Engine Temperature Controls	4: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Idle Speed Adjustment	5: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Fuel Injection Components	6: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Diesel Particulate Filter	7: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Fuel Injectors	8: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
PCM Module	9: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Spark Control System	10: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
PCM Reflash	11: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Spark Plugs and/or Wires	12: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Other Ignition System Repairs	13: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
EGR Valve	14: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Air Injection System	15: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Positive Crankcase Ventilation System	16: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Catalytic Converter	17: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Evaporative Canister	18: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Repairs for Purge System Failure	19: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Repairs for Pressure system Failure	20: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Knock Sensor	21: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
MAF Sensor	22: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Oxygen Sensor	23: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Computer System Fault Codes	24: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Coolant Sensor	25: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
MAP Sensor	26: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Other Sensors	27: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>
Other (Explain)	28: A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/>

Repair Summary

Owner Repair? Yes No LICENSE PLATE NO. _____

I hereby certify that the repairs indicated above were performed on this vehicle.

Name(Print): _____ Signature: _____ Date: _____

TOTAL PARTS COST: \$ [] [] [] [] [] [] TOTAL LABOR COST: \$ [] [] [] [] [] []

The following should be completed only if NOT repaired by owner:

Work Order Number: _____ Phone Number: [] [] [] - [] [] [] - [] [] [] []

Facility or Person Performing Repair: _____

Address: _____

City: _____ State: _____ Zip: _____

For information about the possible causes for your emissions failure, see the Failed Vehicle brochure ask your automotive repair technician, visit the program website at www.WisconsinVIP.org, or call the program's information hotline at 1-866-OBD-TEST.

Program News

New centralized inspection station opens in Oak Creek

The new WIVIP-operated centralized station in Oak Creek celebrated its grand opening in November. This facility, one of two to be located in high-demand areas, will help support the current inspection network and maximize motorist convenience. A self-service kiosk will be added at each of these facilities, offering 24-hour testing availability.

WIVIP South Station

9300 S. 27th Street
Oak Creek, WI 53154

Testing hours:

Tuesday through Saturday
10:00 a.m. to 6:00 p.m.



Gathered around the tree are (from left) Inspector Corry Driftmeier, Station Manager Kristine Suttner, Inspector Richard Hecht, and Opus WIVIP Program Manager Mike Daury



The Technician's Bench

KOEO/KOER emissions testing process

MIL LAMP CHECK – A “KEY” INSPECTION PROCESS

The Key On Engine Off (KOEO) and Key on Engine Running (KOER) test are important parts of the vehicle inspection.

Inspectors must observe whether the MIL is illuminated while the key is in the on position and the engine is running.

At the software prompt, inspectors must record the results of this portion of the inspection.

The function of the MIL Lamp is to inform the driver of any malfunction with the engine as early as possible. This could avoid more costly problems, being stranded or additional pollution.

The KOER and KOEO test is easy to do. All inspectors should use care during the inspection process. Starting the inspection process with the vehicle not running is an easy way to do this right every time.



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

- ◆ The inspector must turn the engine off.
- ◆ Once 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 still be tested.

- ◆ Start the vehicle.
- ◆ GMC Light Duty trucks require a 30 second delay between KOEO and KOER tests.
- ◆ 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 GMC 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 you have answered this question correctly. If unsure, please contact Opus at (262) 641-5217.

Community News

Share these customer tips to ensure a successful test

Please bring your vehicle to an inspection facility as soon as possible after receiving your test notice. If your vehicle is rejected or fails the inspection, this will provide ample time to repair the vehicle and have it re-inspected prior to license plate expiration.

Most testing facilities are closed on Sundays and State holidays.

Prior to arriving at the test station:

- ◆ Please bring your vehicle's test notice with you to the test station.
- ◆ Make sure the vehicle brought in for testing matches the vehicle identified on the test notice.
- ◆ If your 1996 or newer OBD-equipped vehicle has a covered or otherwise obstructed diagnostic link connector (DLC), please open or remove the cover (consult owner's manual for location and instructions) or remove the obstruction prior to arriving at the test station.
- ◆ If your 1996 or newer OBD-equipped vehicle has recently been serviced, or if the battery has been disconnected, please drive the vehicle for several days before bringing it in for inspection.
- ◆ Ensure your vehicle is safe to operate. Your vehicle may be rejected if the test cannot be safely conducted.

At the test station:

- ◆ When you arrive, leave the engine running unless directed otherwise.
- ◆ Inform the inspector when entering the test lane if the license plate number on the vehicle is different from the number on your test notice.

Opus Wisconsin headquarters now in Brookfield

The Opus Wisconsin team has moved from our old office in New Berlin to a larger facility in Brookfield. Our new address is:

**Opus Inspection Technologies, Inc.
3225 Gateway Rd #450, Brookfield, WI 53045**

