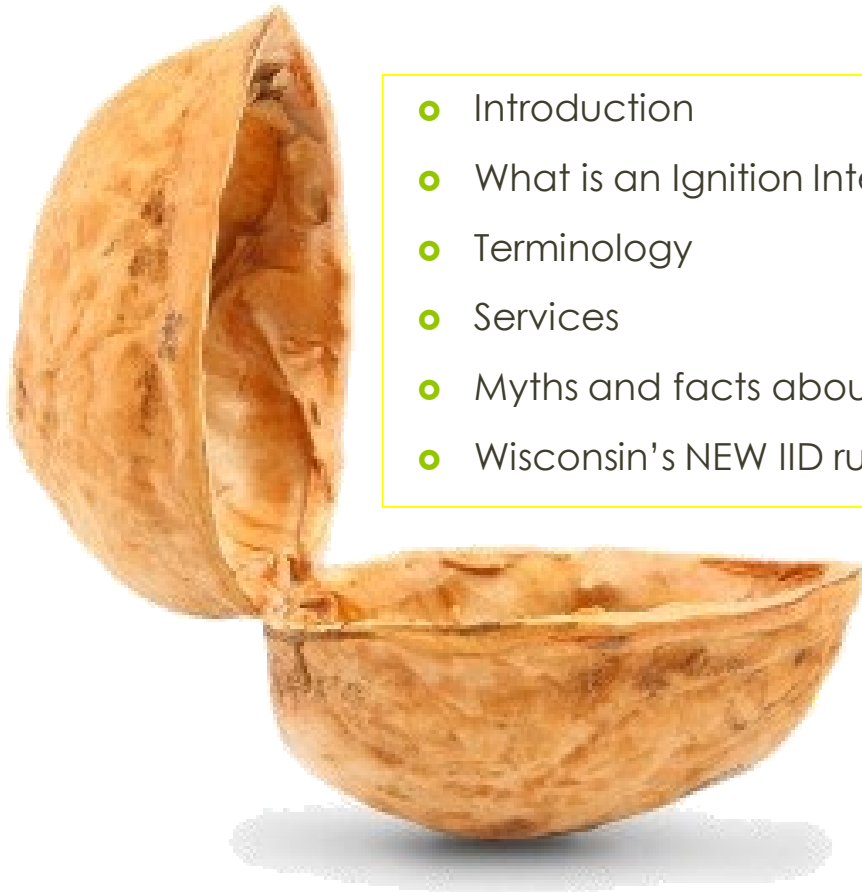




Breath Alcohol Ignition Interlock Device (BAIID)

Presented by:
Heather Stapula

Agenda



- Introduction
- What is an Ignition Interlock Device (IID)
- Terminology
- Services
- Myths and facts about IID
- Wisconsin's NEW IID rules



冲突

Danger

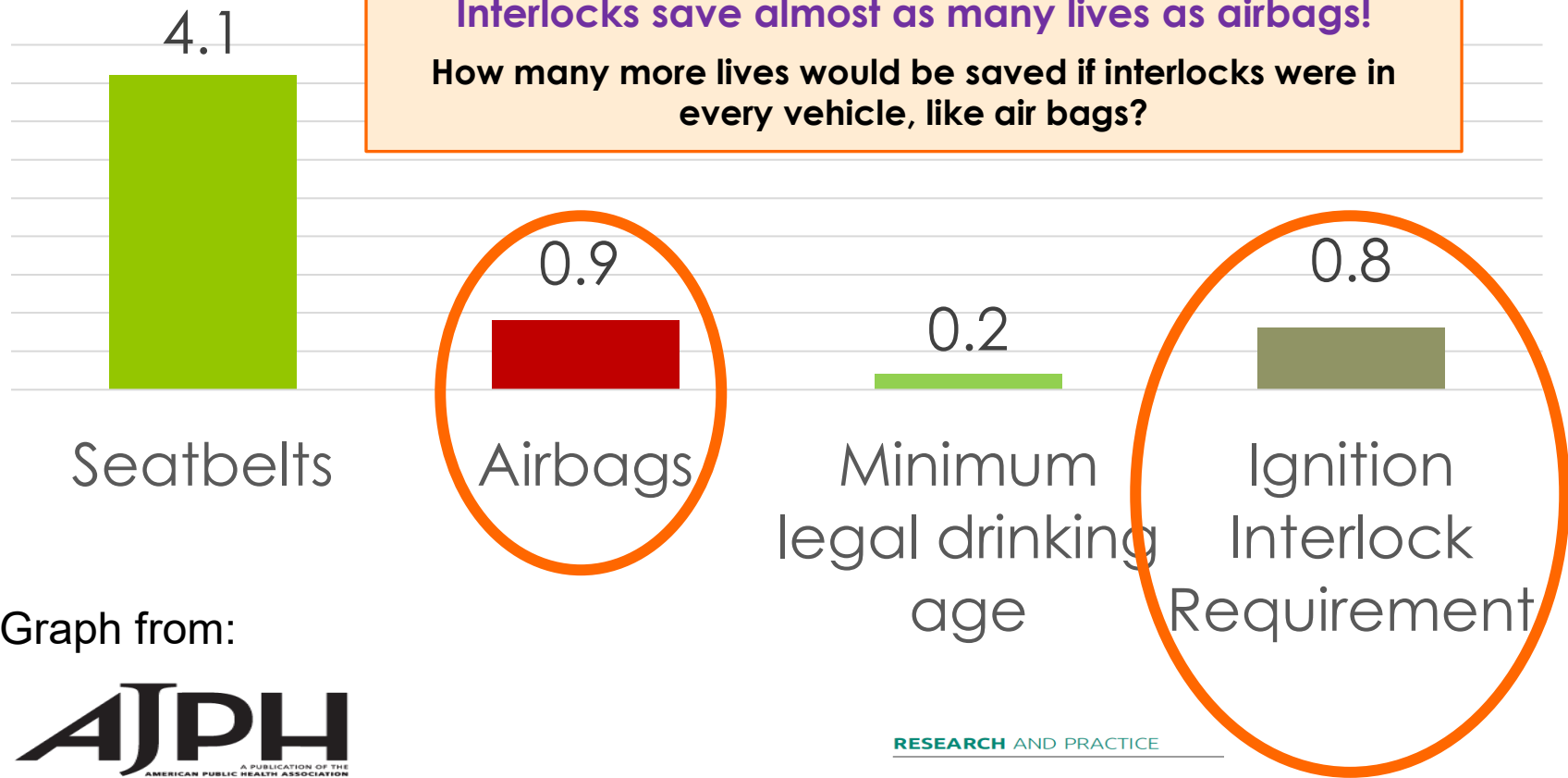
Opportunity

If you take the **opportunity** away from **danger**, there is no longer a **conflict**.



Lives Saved Per 100,000 People Per Year (2012)

Interlocks save almost as many lives as airbags!
How many more lives would be saved if interlocks were in every vehicle, like air bags?



Graph from:



RESEARCH AND PRACTICE

Impact of State Ignition Interlock Laws on Alcohol-Involved Crash Deaths in the United States

Elinore J. Kaufman, MD, and Douglas J. Wiebe, PhD

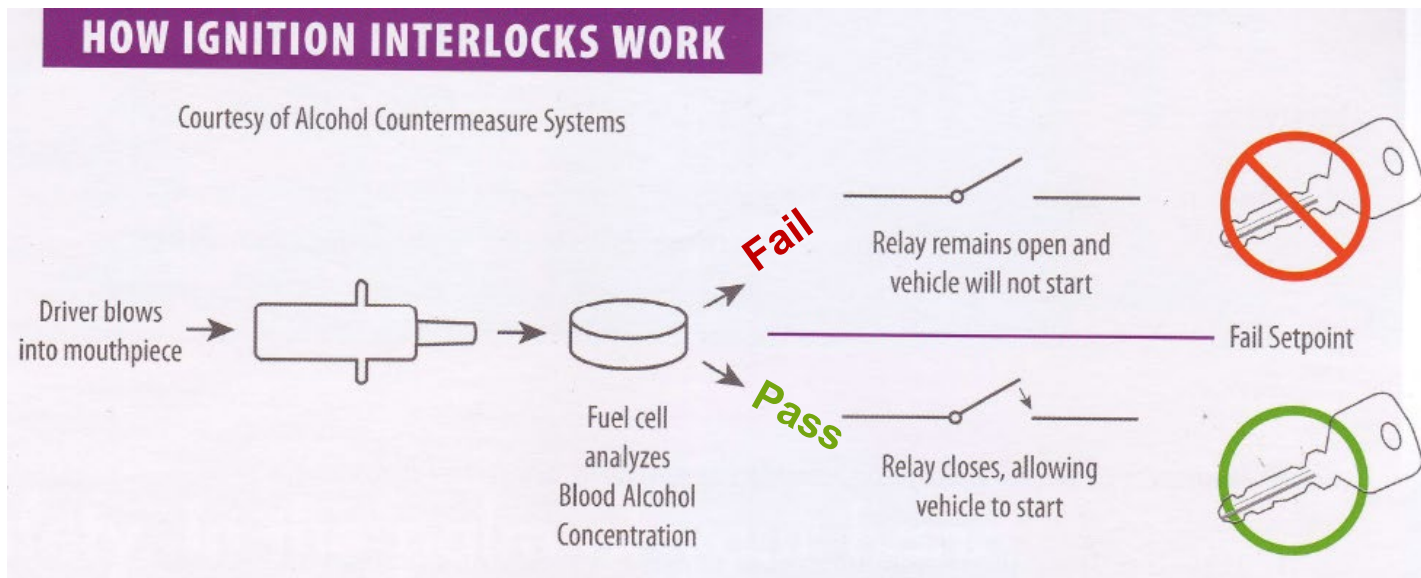
Breath Alcohol Ignition Interlock Device (IID)

Basic Components

- Head Unit– hand held part, collects breath sample
- Mouthpiece – the “straw” breath sample is provided through
- Cord –connects the hand-held portion to the control unit
- Control Unit – records and stores data & program settings



How an IID Works



For BAIID, any test with BAC under 0.020%
is a passing test in Wisconsin

Taking a Test

● SMART
● START

Smart Start
Ignition Interlock Device
Training Video





Wisconsin BAID Rule

DEPARTMENT OF TRANSPORTATION

Published under s. 35.93, Wis. Stats., by the
Legislative Reference Bureau.

Chapter Trans 313 BREATH ALCOHOL IGNITION INTERLOCK DEVICES



**KEEP
CALM
AND
TAKE A DEEP
BREATH**

Interlock Terminology

Testing
Circumvention
Tamper
Services



IID Terminology: Initial Test

The test requested prior to starting the vehicle

Requirements: The IID will not allow a vehicle to start unless a BrAC less than 0.020 is provided.



...le to restart
...e off.
...ed to start



Initial Test: Results

What the device shows and what it records

On Device Screen

- “Pass”
- “Warn”
- “Violation”
- “Abort”

What it recorded

- BrAC .014 & below
- BrAC of .015 to .019
- BrAC above .020
- Incorrect breath sample



IID Terminology: Rolling Retest

A test requested while engine is running

Requirements: 5 minutes after the engine first starts *and* at random intervals of 5 to 30 minutes thereafter

- Device provides 5 minutes to complete the test
- Refusal or “Skipped Test” = no passing test within 5 min. of request

Most IID's have **visual**  and **audible**  signals to alert driver to take test.

(OUR IID HAS THESE PLUS A TEXT DISPLAY.)



Rolling Retest: Results

What the device shows and what it records

On Device Screen

- “Pass”
- “Warn”
- “Violation”
- “Abort”
- “Missed Test”

What it recorded

- BrAC .014 or below
- BrAC between .015 - .019
- BrAC .020 or above
- Incorrect breath sample
- Unable to provide passing test in allotted time

Improper Testing

What the device shows and what it records

On Device Screen

- “Blow harder” or “Blow softer” or “Blow longer”
- “Hum louder”
- “Do Not Inhale”
- “Please Retry”





IID Terminology: Circumvention

Unauthorized attempt to start, drive, or operate a vehicle equipped with an IID, without the driver of the vehicle providing all required breath samples.

IID reports a Circumvention when:

- IID detected engine is running but a passing test was not provided to start the vehicle



IID Terminology: Tamper

Unauthorized attempt to remove, bypass, disable or disconnect a device from its power source.

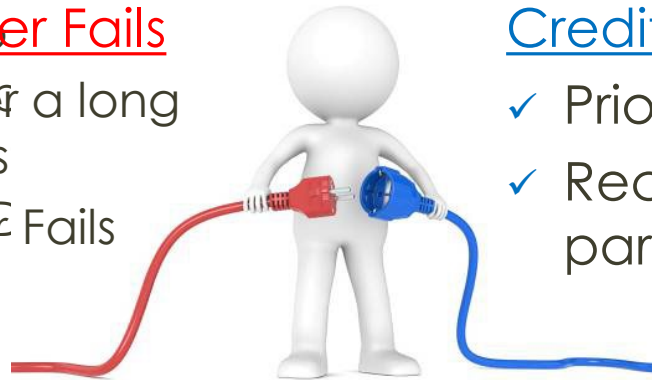
IID reports a Tamper event when:

Suspicious Power Fails

- ❑ Power Failure a long period of time
- Altered times
- ❑ Multiple Power Fails

Creditable Power Fails

- ✓ Prior low voltage
- ✓ Receipt for repair or parts





Service: Download & Calibration

All devices shall be scheduled for service at intervals not to exceed 60 days.

Calibration required to ensure an accurate alcohol reading

What happens at a service

- Calibration is checked & confirmed
- Data is downloaded
- Device is inspected for tamper and quality control

Agent Specifications:

- ❑ More Frequent Downloads: Weekly, Bi-weekly, Monthly
- ❑ Violation interpretations for all reports.

Service: Appointment Reminder

The device will provide a reminder 7 days prior to a scheduled service date

Appointment Reminder

- Appointment can be set up to 5 days prior to paid date
- If not serviced on or before paid date, device will enter a 7 day Service lock

Appointment date can be viewed by press “# 1” on keypad





Service: Violation Reset

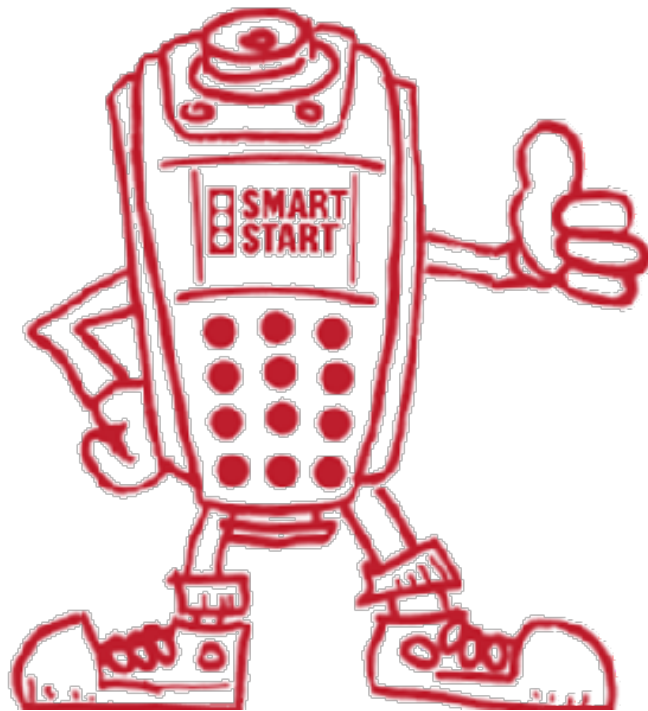
A “Violation Reset” is service reminder activated when the IID records a State violation.

If not serviced in 7 days, the device will enter a permanent lockout.

State Violations

A warning to obtain service within 7 days if any of the following conditions occur:

- 3 or more failed test
- Device detects tampering, circumvention or bypass attempts
- Battery dies or voltage is too low to start vehicle
- 3 consecutive refusals to provide a retest sample
- A scheduled service date is missed



Interlock Program

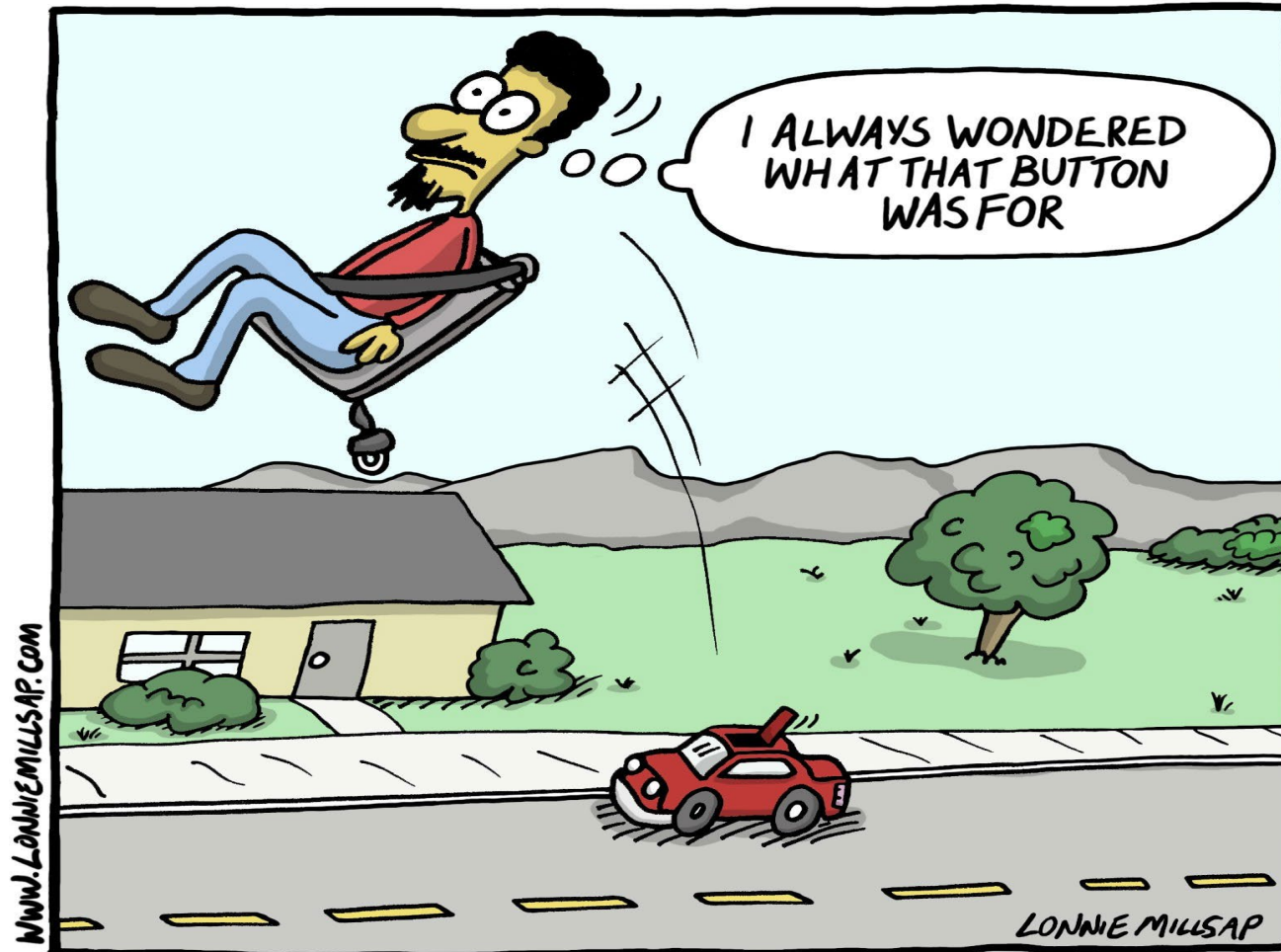
Myths

Reports

State Requirements

State Update

Myths About Interlocks



**IGNITION INTERLOCK DEVICE (IID)
INSTALLATION/REMOVAL RECORD**

MV3598 10/2010 Trans 313 Wis. Admin. Code

Wisconsin Department of Transportation
Driver Information Section
PO Box 7983
Madison WI 53707-7983

Installation Procedure - Service Provider

Check box for **INSTALLATION** and indicate date.
Give Page 1 to customer as receipt of installation.
Mail Page 2 to County Sheriff.
Keep Pages 3 & 4 until after device removal.

IID INSTALLED Date: _____ Time: _____ IID REMOVED Date: _____ Time: _____

Removal Procedure - Service Provider

Check box for **REMOVAL** and indicate date.
Within 3 working days after removal of device:
Electronically notify DMV of removal and
mail Page 4 to County Sheriff.

Notice to Driver: Installation/removal information will be electronically transmitted to the Division of Motor Vehicles (DMV).
Wait at least one business day after installation before visiting the DMV for an occupational driver license or reinstatement.
License eligibility can be checked online by visiting www.wisconsin.gov/dmv and selecting "Online Services".
If the device is removed before the restriction period is over, the DMV will cancel your license.

Driver Information

Last Name	First Name	Middle Initial	Birth Date
Address			Driver License Number
City, State, ZIP Code			County of Residence

Vehicle Information

Make	Model	Year
License Plate Number		
Vehicle Identification Number		

Owner Information - If Different from Driver

Last Name	First Name	Middle Initial
Address		
City, State, ZIP Code		

Device Information

Device Name/Manufacturer	Model Number
Installed by: Company Name	Installer Name
Address, City, State, ZIP Code	

Ignition Interlock Reports

Installation and Removal Form
○ WI DOT form MV3598

IID Provider Information





What to Consider When Requesting an IID Report

BrAC less than .02 will not produce a violation report or a retest request.

- State violation setting is .02 and above

Do you need more frequent downloads due to compliance issues?

- Weekly, bi-weekly, and monthly service can be requested (additional download fee may apply)

Do you suspect your client of driving another vehicle?

- The number of engine starts are stated on the IID report.



State of Wisconsin Interlock Requirements

Court Ordered

- ❑ 1 year minimum
 - 24/7 Program
- ❑ Violations sent to local Sheriff Department
- ❑ Installation & Removal Notification sent to DMV and the local Sheriff Department



State of Wisconsin Interlock Requirements

Indigent Pricing

- State required half-priced program
- Granted by Judge, based on the client's proof of income
 - Client obtains the form from the clerk
 - Ordering Judge signs the form
- Signed form must be presented prior to installation





Coming to Wisconsin in October 2022

Cellular Modem

Camera





BAIID Program Updates

WisDOT Division of State Patrol

Impaired Driving Workgroup

February 11, 2022

Program Administration

Improvements

- 2013 NHTSA Model Specs
- Formalizes Approval Process
- Advances in BAID Technology
 - Component Installation
 - Data Security
 - Automated Calibration
 - ISO Quality System Accreditation
 - Cloud Data Storage

Program Administration

- Clear Responsibilities
 - Manufacturers
 - Service Providers
 - Shared
- Training
 - Customer
 - WisDOT
- Administrative (DMV)

BAIID Features

■ BAIID Programming

- Clarifies Specifics
- Unlimited Sample Attempts
- Free Restarts
- Eliminates Temporary Lockouts
- Allows Handset Removal
- Lockout Code Criteria

■ Violation Reset

- 1 Circumvention or Tamper
- 3 Failed or Refused Retests

■ Retest Confirmation

- After *any* unsuccessful retest
- Allows another attempt for aborts
- Positive results from eating or drinking

■ Alert Mode

- *AFTER* confirmation
- No free restart allowed

BAIID Service

- **BAIID Installation**
 - Vehicle Inspection
 - Customer Training
 - Exempts Motorcycles
- **BAIID Removal**
 - Damage System
 - Non-Payment
 - Abusive Behavior
 - Violate Contract Provisions
- **BAIID Calibration & Service**
 - No Wet Bath Simulators
 - Sets Acceptance Criteria
- **WisDOT Training**
 - Installation to Removal
 - Educational Materials
 - Customer Notices
 - Demo Unit
 - Conferences
 - Training

Information for Offenders

■ Service Centers

- Fixed, Permanent Business
- Mobile Service Criteria
 - Associated with Permanent SC
 - Comply with Fixed Requirements
 - Notification Requirements

■ Statewide Service

- 75 miles of fixed service center
- Random selection if no coverage

■ Cost Disclosure

- Installation & Removal
- Monthly Service
- Calibration & Reporting
- Violation Reset
- Insurance & Replacement Cost
- ANY Other Assessed Fee
- ALL Costs Available Online

On-Line Resources

Service Center List

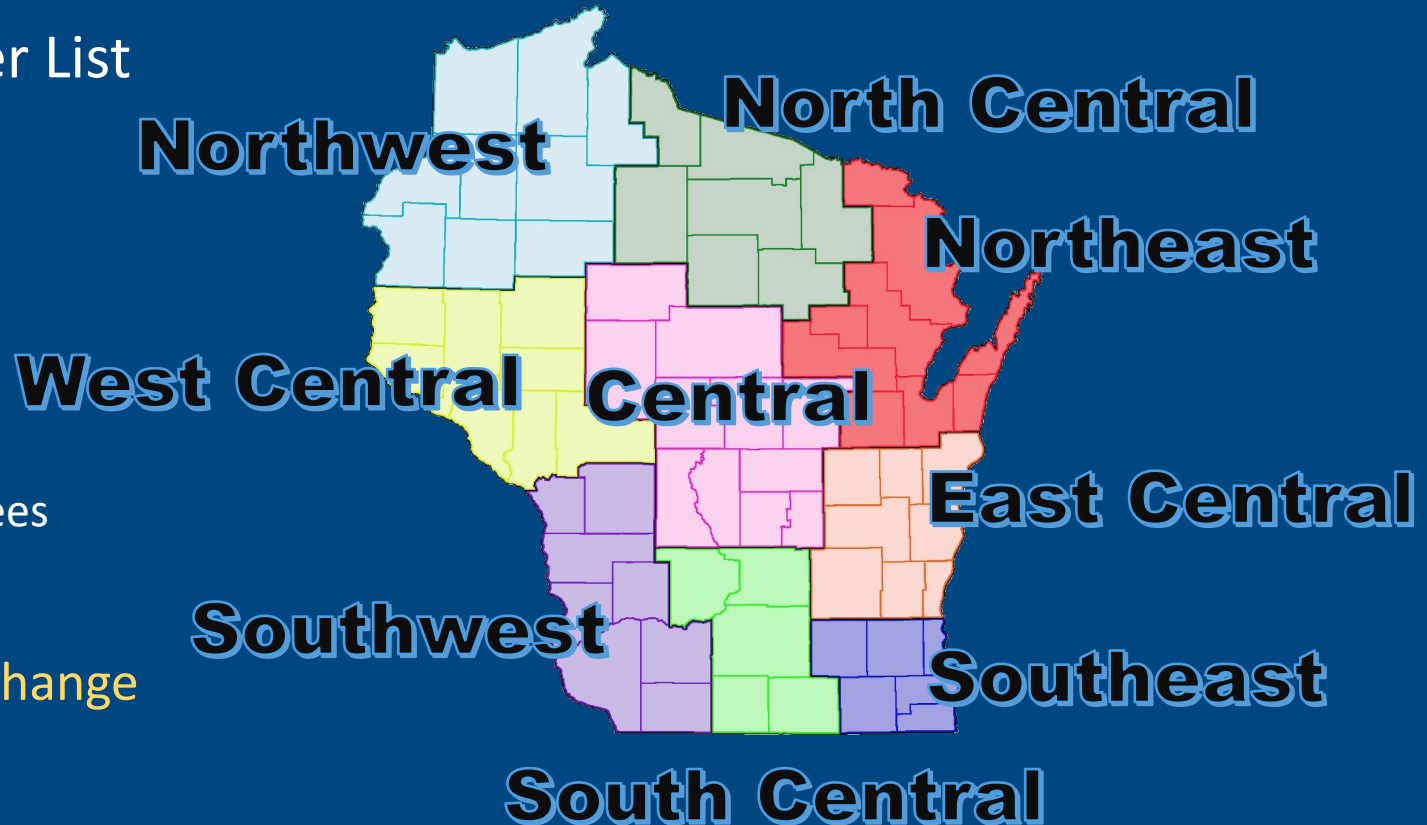
■ Sort Order

- Region
- County
- City

■ Fees

- Clarify All Fees
- Hyperlinks

■ Website to Change





WisDOT BAID Service Centers

For additional information visit the Chemical Testing Section website or contact us by phone (608-243-2946) or email BAID@dot.wi.gov.



Northeast Region

Outagamie County

Appleton

Muntz Audio Video	Monthly Service: \$65	Installation: \$100	Removal: \$45
1806 W Wisconsin Avenue	Calibration:	Monitoring:	Reporting: \$18
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Xplosive Audio & Graphix	Monthly Service: \$70	Installation:	Removal: \$55
1401 W Wisconsin Avenue	Calibration: \$15.00	Monitoring:	Reporting:
Smart Start 20/20	Violation Reset: \$75	Insurance:	Replacement:
888-234-0198	Extra Mouthpieces:	Other Fees:	

Kaukauna

Action Auto Service	Monthly Service: \$65	Installation:	Removal: \$70
337 Taylor Street	Calibration:	Monitoring:	Reporting: \$20
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Little Chute

Integrity Interlock	Monthly Service:
740 Moasis Drive, #8	Calibration:
Draeger Interlock XT	Violation Reset:
800-332-6858	Extra Mouthpieces:

Shawano County

Marion

Zaddy's	Monthly Service:
W11957 Angle Road	Calibration:
LifeSafer FC-100	Violation Reset:
888-957-7396	Extra Mouthpieces:

Friday, January 28, 2022



WisDOT BAID Service Centers

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Central Region

Marathon County

Weston

Chuck & Kris's Auto Repair	Monthly Service: \$65	Installation: \$40	Removal: \$70
1918 Schofield Avenue	Calibration:	Monitoring:	Reporting: \$20
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Chuck & Kris's Auto Repair	Monthly Service: \$70	Installation:	Removal: \$55
1918 Schofield Avenue	Calibration: \$15.00	Monitoring:	Reporting:
Smart Start 20/20	Violation Reset: \$75	Insurance:	Replacement:
888-234-0198	Extra Mouthpieces:	Other Fees:	

Marquette County

Montello

Kendall Tire & Auto	Monthly Service: \$60	Installation:	Removal: \$70
W2971 CTH XX	Calibration:	Monitoring: \$18	Reporting:
LifeSafer FC-100	Violation Reset: \$35	Insurance:	Replacement:
888-957-7396	Extra Mouthpieces:	Other Fees:	

Maple Grove Auto	Monthly Service:
W4315 5TH 23	Calibration:
Intoxalock 1001A	Violation Reset:
877-262-6481	Extra Mouthpieces:

Portage County

Stevens Point

D & D Automotive	Monthly Service:
2916 Minnesota Avenue	Calibration:
Intoxalock 1001A	Violation Reset:
877-262-6481	Extra Mouthpieces:

Friday, January 28, 2022



WisDOT BAID Service Centers

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Southeast Region

Kenosha County

Kenosha

Matt's Mobile	Monthly Service: \$65	Installation:	Removal: \$
5819 52nd Street	Calibration:	Monitoring:	Reporting: \$
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Sound on Wheels	Monthly Service: \$70	Installation:	Removal: \$
3308 52nd Street	Calibration: \$15.00	Monitoring:	Reporting:
Smart Start 20/20	Violation Reset: \$75	Insurance:	Replacement:
888-234-0198	Extra Mouthpieces:	Other Fees:	

Wisconsin IID	Monthly Service: \$70	Installation:	Removal: \$55
2814 Roosevelt Road	Calibration:	Monitoring:	Reporting:
Draeger Interlock XT	Violation Reset:	Insurance:	Replacement:
800-332-6858	Extra Mouthpieces:	Other Fees:	

Lake Bluff, IL

Sunset Tire & Auto	Monthly Service: \$65	Installation: \$5	Removal: \$85
13 Skokie Valley Road	Calibration:	Monitoring: \$25	Reporting:
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Park City, IL

Fortune Motor	Monthly Service: \$60	Installation:	Removal: \$70
1325 Belvidere Road	Calibration:	Monitoring: \$18	Reporting:
LifeSafer FC-100	Violation Reset: \$35	Insurance:	Replacement:
888-957-7396	Extra Mouthpieces:	Other Fees:	

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WisDOT BAID Service Centers

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West Central Region

Pierce County

Red Wing, MN

Midway Auto	Monthly Service: \$65	Installation: \$10	Removal: \$40
1202 Main Street	Calibration:	Monitoring:	Reporting: \$20
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

St Croix County

Hudson

35 Auto Care	Monthly Service: \$70	Installation:	Removal: \$55
487 CTH A	Calibration: \$15.00	Monitoring:	Reporting:
Smart Start 20/20	Violation Reset: \$75	Insurance:	Replacement:
888-234-0198	Extra Mouthpieces:	Other Fees:	

36 Auto Care	Monthly Service: \$65	Installation:	Removal:
487 County Rd A	Calibration:	Monitoring:	Reporting: \$20
Intoxalock 1001A	Violation Reset: \$75	Insurance:	Replacement:
877-262-6481	Extra Mouthpieces:	Other Fees:	

Natiwide Interlock	Monthly Service: \$65	Installation:	Removal: \$60
487 CTH A	Calibration:	Monitoring:	Reporting: \$20
Draeger Interlock XT	Violation Reset:	Insurance:	Replacement:
866-694-6099	Extra Mouthpieces:	Other Fees:	

Inver Grove Heights, MN

The Professional Garage	Monthly Service: \$60	Installation:	Removal: \$70
7391 Concord Boulevard	Calibration:	Monitoring: \$18	Reporting:
LifeSafer FC-100	Violation Reset: \$35	Insurance:	Replacement:
888-957-7396	Extra Mouthpieces:	Other Fees:	

Friday, January 28, 2022

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Data & Reporting

Industry Standards

- Terminology
- Failed Retest Confirmation
- Multi-Jurisdiction Notification
- Adopt Advanced Technologies
 - Camera for identity verification
 - Real-time data allows for timely investigation

Online Data Access

- Chem Test Gatekeeper
 - Assessment Agencies
 - Courts
 - DOC
 - Law Enforcement
 - Probation & Parole
 - Treatment Providers
 - WisDOT Staff
 - University Research**

Date Range

SELECT EVENTS

FILTER

Sort



You are currently monitoring 17 of 122492 accounts in your jurisdiction.

Total Events of Interest

[Clear All Event Filters](#)




- All Initial Viol/Fail/Warn
- All Initial Retest Viol/Fail/Warn
- All Skipped Tests
- All Rolling Viol/Fail/Warn
- All Circumventions

Customer Account List

[View Customer Location\(s\)](#)

Account #	DOB	Driver's License	Vehicle	Account Status	Installed Date	Last Service	Next Lockout	Removal Date	Account #	County	Condition	Case Number	All Initial Viol...	All Initial Retes...	All Skipped Tests	All Rolling Viol...	All Circumvent...	Total
[REDACTED]	4/24/2018	xxxx	2018 Nissan Rogue Daniel B...	Installed	7/13/2018	7/12/2019	7/11/2020		[REDACTED]		Voluntary		2	0	256	2	1	261
[REDACTED]	8/27/1989	1234567		Installed	9/13/2019	2/5/2020	5/13/2020		[REDACTED]		Other		10	0	21	0	0	31
[REDACTED]	4/24/2018			Installed	8/26/2019	2/12/2020	5/17/2020		[REDACTED]		Voluntary		5	0	38	0	0	43
[REDACTED]	8/28/2019			Installed	8/28/2019	1/6/2020	5/28/2020		[REDACTED]		Voluntary	0000	1	0	16	0	0	17

Account Details


[Redacted]
Ford Escape *NEW* (Occupational)
Actions

<p>Home Phone Call Phone Email Reference Code Case Number</p> <p>Account Status Account # SSI 20/30 Head DOB Driver's License Alternate ID Custom 1 Custom 2</p>	<div style="background-color: blue; width: 100px; height: 100px; border-radius: 10px;"></div>	<p>Address</p> <div style="background-color: blue; width: 100px; height: 30px;"></div>	<p>Vehicle</p> <p>VIN Color</p> <div style="background-color: blue; width: 100px; height: 100px; border-radius: 10px;"></div> <p>Program Start Installed Date Last Service Maximum days between services Next Lockout Removal Date</p>
--	---	--	--

Conditions: Occupational

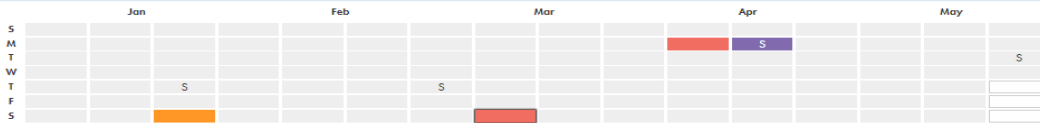
County [Redacted]
 Condition (Primary) Occupational

Monitoring Authority [Redacted]

Account Details

Event Map

Months Displayed: 1 5 3 4 6 9 12




Events Reports Documents Notes Appointments Services Messages

Date Range 3/12/2022 - 3/12/2022

Sort Date/Time

Event All selected (16) Filter Events / Refresh

Summary of Events

	Date/Time	Event	BrAC Results	Image	Location
Illegal Starts	0	3/12/2022			
Warnings	0	4:17:10 PM	Free Restart Expired		
High BrAC	2	3/12/2022	Ignition Off		
Rolling Restart Refused	0	4:15:11 PM			
Rolling Restart Failed	2	3/12/2022	Engine Stop		
Engine Starts	12	4:15:11 PM			
Engine Stops	12	3/12/2022	Free Restart Started		
Power On's	0	4:15:11 PM			
Power Off's	0	3/12/2022			
Head Disconnects	0	4:15:11 PM			
Head Connects	0	3/12/2022			
Aborts	4	4:09:34 PM	Rolling Test-Pass		
Violation Lockouts	0		0.000		

PK=1
BL=-1
AT=40.5C
BT=37.2C
RV=50
T=1.29s



7/27/2019
1:37:26 PM

RETEST
PASSED
BAC=.000
PK=8
BL=1
AT=34.8C
BT=33.2C
RV=50
T=2.65s



7/27/2019
5:48:39 AM

START-
TEST
PASS
BAC=.000
PK=10
BL=5
AT=26.4C
BT=34.1C
RV=50
T=2.01s



BL=12
AT=14.9C
BT=28.7C
RV=50
T=14.09s



5/2/2019
7:22:18 AM

**RETEST
FAILED
BAC=.061
PK=240
BL=12
AT=17.7C
BT=30.9C
RV=50
T=14.89s**



5/2/2019
7:16:52 AM

START-
TEST
PASS
BAC=.000
PK=15
BL=12
AT=16.0C
BT=30.2C
RV=50
T=.01s

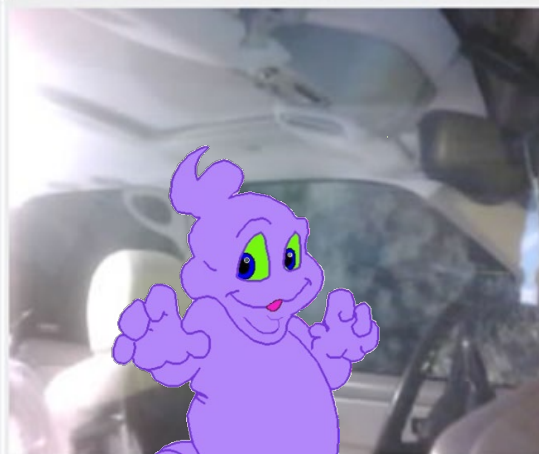


BAC=.000
PK=7
BL=5
AT=29.2C
BT=34.4C
RV=50
T=.49s



6/26/2019
10:27:47 PM

START-
TEST
PASS
BAC=.000
PK=7
BL=4
AT=30.0C
BT=34.5C
RV=50
T=1.13s





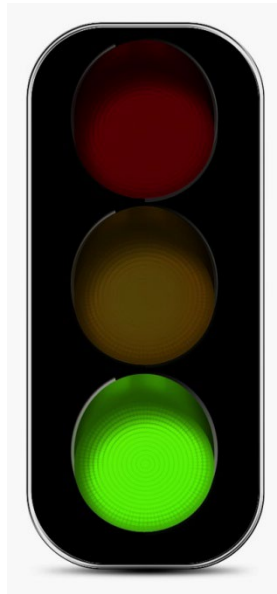
Additional Information

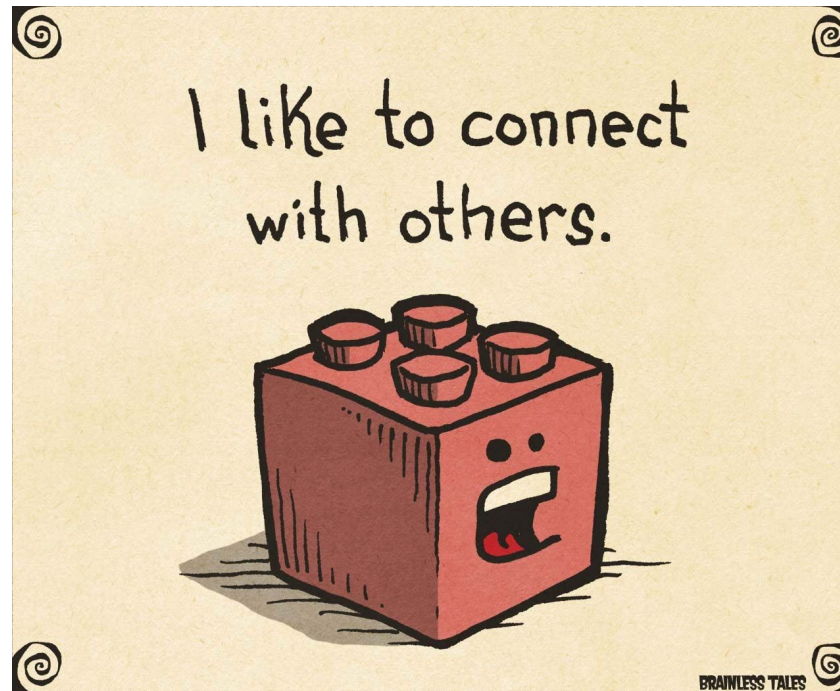
Chemical Testing Section

 608.243.2946

 BAIID@dot.wi.gov

Thank you for your
attention!





Heather Stapula
Smart Start Wisconsin
Cell 586-713-0977

Heather.Stapula@SmartStartInc.com

