

IIDs: Who Gets Them and How to Enforce Their Use

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IID Restriction

- ▶ Mandatory court order
 - ✓ ALL repeat OWI
 - ✓ ALL refusals
 - ✓ ALL 1st offense OWI with AC \geq 0.15
- ▶ Dual sanction- drivers license and vehicle
- ▶ May be ordered immediately or at time of conviction
- ▶ Huber- install within 14 days
- ▶ PAC of 0.02 for duration of the order



Introducing IID User #1



What does IID do?

- ▶ Fuel cell
- ▶ Calibrated to ensure detection at 0.02 g/210L
- ▶ Prevents vehicle from starting if BrAC ≥ 0.02
- ▶ Activate emergency lights and horn until engine stopped if:
 - ✓ BrAC results above 0.02
 - ✓ Insufficient samples
 - ✓ Refused samples



Vehicle Operation

- ▶ Starts only if BrAC < 0.02 g/210L
- ▶ Rolling retest samples:
 - ✓ Initial test in first 5 minutes
 - ✓ Continue at 5-30 minute intervals for duration of driving
- ▶ WI anti-circumvention techniques
 - ✓ Change in breath flow direction
 - BLOW-SUCK-BLOW OR BLOW-SUCK
 - ✓ Hum tone
 - ENTIRE BLOW OR ADDED AFTER ~ 2 SECONDS



IID Programming

- ▶ Records every:
 - ✓ Requested & attempted sample
 - ✓ Sample result (abort, fail, pass, refused)
 - ✓ Vehicle start and stop
- ▶ Activates emergency lights and horn if:
 - ✓ Sample result ≥ 0.02
 - ✓ Aborted attempt (insufficient volume, hum or breath flow)
 - ✓ Refused sample



IID Programming

- ▶ 60-Day routine service interval
- ▶ Detects disconnection and tampering attempts
- ▶ Violation reset triggers
 - ✓ 3 consecutive refused samples
 - ✓ 3 sample results ≥ 0.02
 - ✓ Circumvention, disconnection, tampering detected
- ▶ Required service in 7 days if violation reset



Approved IIDs



**CST
Intoxalock**



**Draeger
Interlock XT**



**LifeSafer
FC-100**



**SmartStart
SSI 20/20**

Detecting IID Violations

- ▶ Emergency lights and horn activated
 - ✓ Community caretaker
 - ✓ Have driver stop engine
- ▶ If alcohol-free will be able to restart after 2 minutes
 - ✓ If cannot start = PAC violation
- ▶ Circumvention
- ▶ Tampering



Circumvention & Tampering

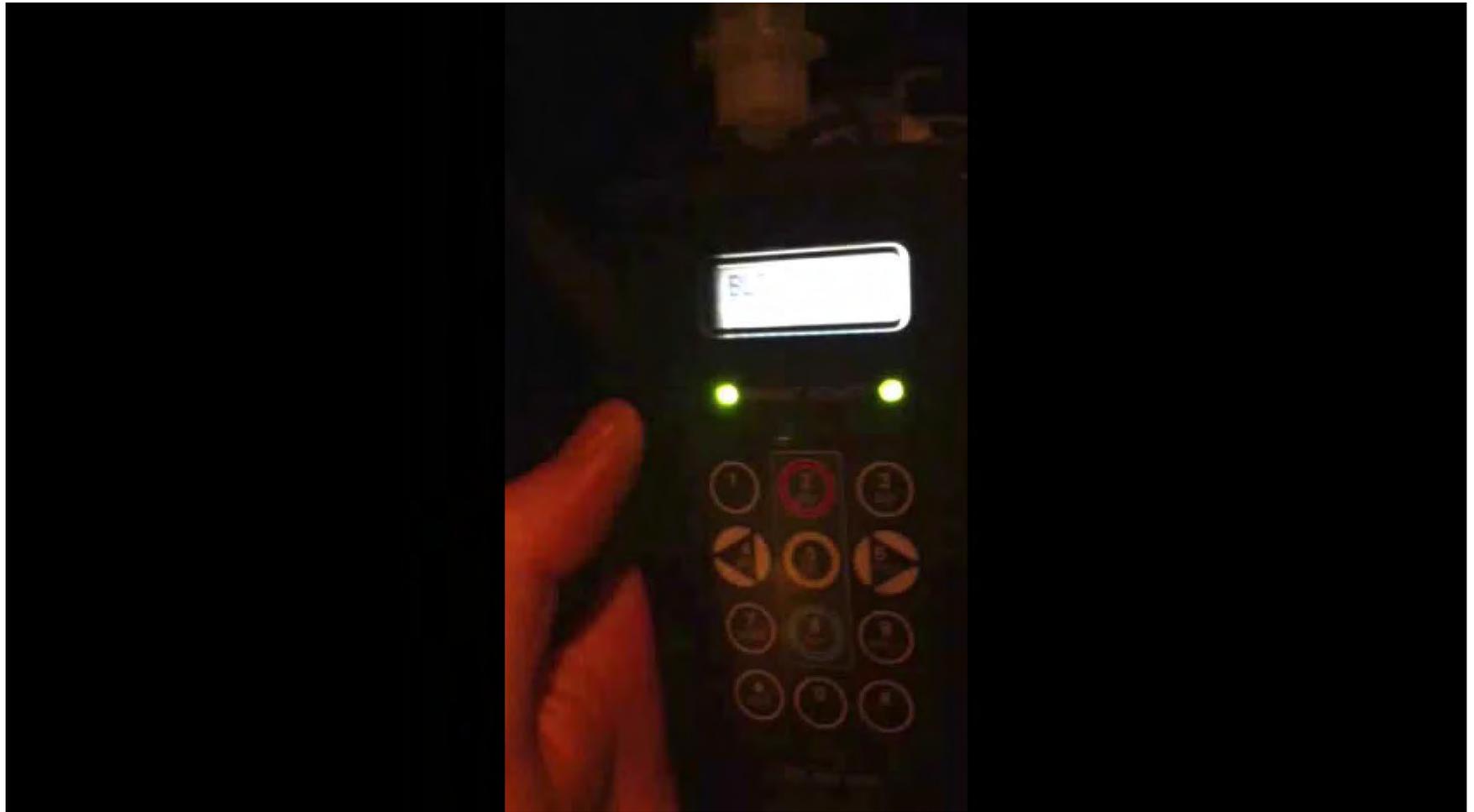
- ▶ Circumvention [Trans 313.03(9)]
 - ✓ Unauthorized, intentional overt act or attempt to start, drive or operate a vehicle equipped with a device, without the driver of the vehicle providing all required breath samples. Includes the provision of bogus samples. Tampering, the provision of air samples that enable a driver with a PAC to start, drive or operate a vehicle equipped with a device, and failure to complete any required servicing.
- ▶ Tampering [Trans 313.0(24)]
 - ✓ Unauthorized, intentional over act or attempt to remove, bypass, disable or disconnect a device from its power source.



Circumvention



Circumvent & Disconnect



Blow Clean



Blow Clean on Facebook



The screenshot shows the top portion of a Facebook page for 'BlowClean'. At the top left is the Facebook logo and the name 'BlowClean'. Below this is a profile picture of a white and orange BlowClean machine. To the right of the profile picture, the name 'BlowClean' is displayed with '19 likes' underneath. Further right are buttons for 'Like', 'Message', and a dropdown menu. Below the profile picture, the page is categorized as 'Product/Service' with the text: 'Stop getting D.W.I's and stop getting positive ignition interlock device readings. Visit us at Blowclean.com for more information.' To the right of this text is a small image of the machine and a 'Like' button with the number '19'. At the bottom left of the page, there are links for 'About' and 'Suggest an Edit'.

Recent Posts By Others



Lola Burris

where can I find your product>

Like - [Comment](#) - March 25 at 3:25pm near Austin, TX



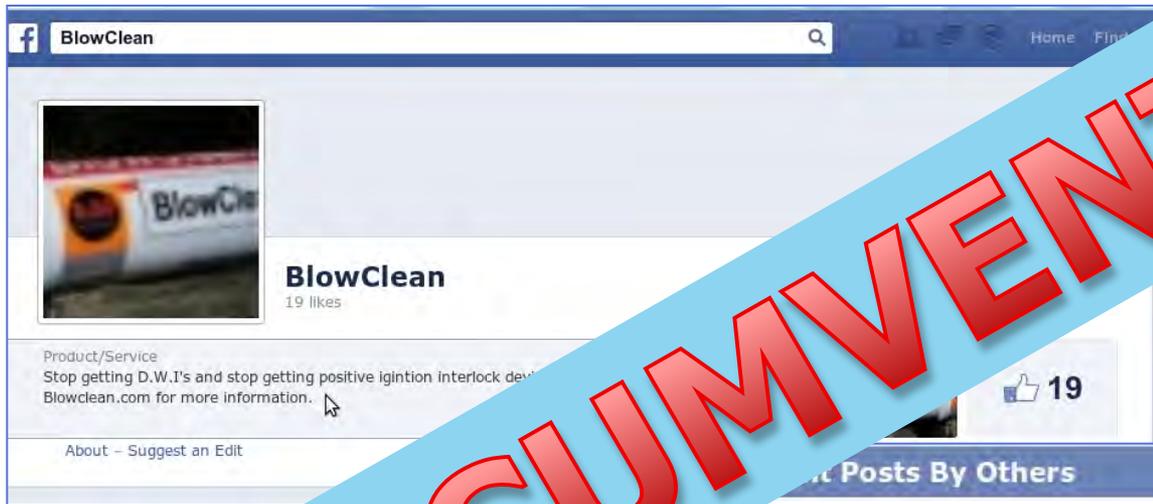
Crabby Crabbyfreetlast

I can,t find this machine anywhere man, i tyred your website, it not their and It not for sale where can i buy it give me link, thanks

Like - [Comment](#) - March 11 at 12:29pm



Blow Clean on Facebook

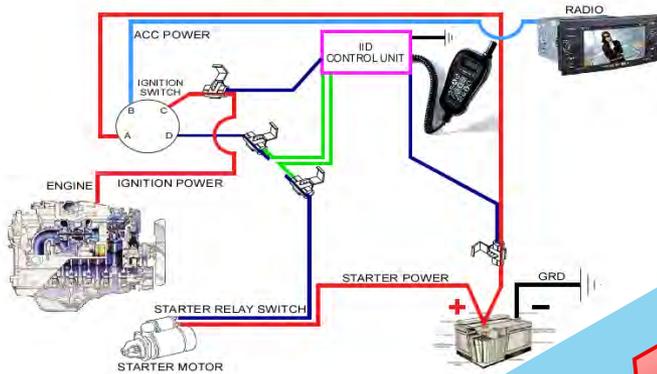


CIRCUMVENTION



Web Search "Bypass IID"

IGNITION SYSTEM WITH AN IID



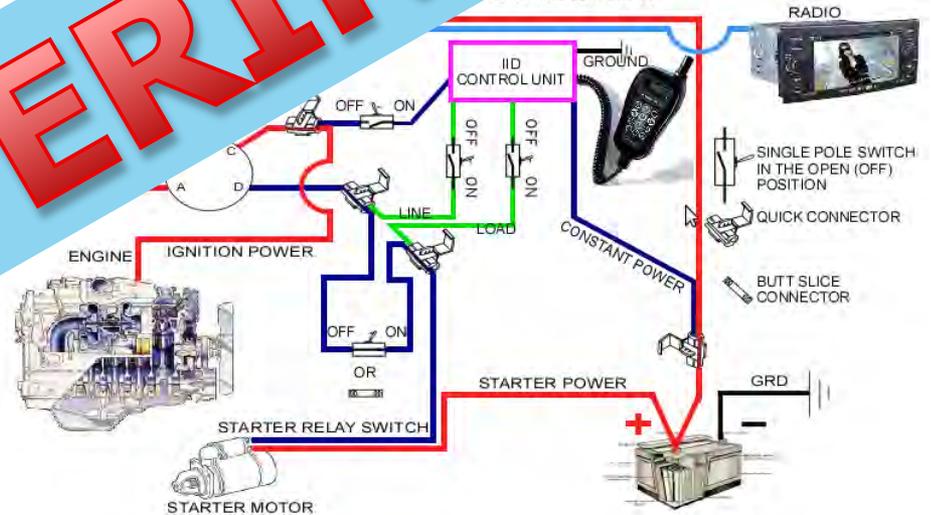
How to bypass an ignition interlock device

Home

How to Bypass an IID

This document is for informational purposes only. It is not intended to be used as a guide for bypassing an IID (Ignition Interlock Device) system. If you are not an installer and are not a licensed professional, you should not attempt to bypass an IID system. This manual is designed to clearly show someone were to successfully bypass an IID system for educational purposes only. This document is for informational purposes only. It is not intended to be used as a guide for bypassing a system bypasser and attempts at bypassing a system could result in severe punishment by your local law enforcement. It is important that during this process you never disconnect the main power source from the battery to the unit and/or the negative from the battery or the unit as this could be construed as an attempt at tampering with the system.

STARTING DETECTION



TAMPERING

Web Search "Bypass IID"

Important information:

How to operate without having to test:

Turn all switches to their off position preventing power from either the ignition switch or the relay to travel to the unit before you attempt to start the vehicle. Now, turn the switch you installed in-line at the jumper to the on position allowing power to travel from the ignition to the starter relay. This will effectively bypass the unit and if done properly will allow you start the vehicle as if the unit was never installed. Never attempt to bypass or activate the unit while the car is running. Always turn the vehicle off before attempting a bypass or activation. It is important to note that some states record starts and require a certain amount of starts to insure you are driving your vehicle. It is also important to install the switches in such a way that they are accessible but not obvious as to what they are. I would recommend leaving them under the dash and reaching up there to active or bypass. I have never had a service technician inspect my vehicle when getting it serviced.

They simply remove the hand unit, plug in the machine, download the data and calibrate.

How to bypass an ignition interlock device

Home



I'm really surprised that someone/company hasn't come up with a bypass unit that simply plugs into plug that the hand held unit plugs into. I'm not an electrician by any stretch of the imagination, but it seems like it would be somewhat easy for someone who knew what they were doing. Couldn't be more than some hard connections, maybe a timer circuit, and some circuits containing resistors. There's not that many pins on the connector plug. Wouldn't something like that bypass the system while simply having the hand held unit out of the equation all together (at least for some of the time, when necessary). I think someone could make some big bucks off of something you could just replace the handheld unit from time to time.

[Reply](#)

[Replies](#)



Anonymous February 17, 2013 at 10:39 PM

First of all such a bypass device would be difficult to market because it presumably would infringe on proprietary interface patents for purposes of state or federal fraud. The legit profit margin is therefore extremely low if not in the negative. The only way such a device would sell is on the underground market (Ebay, Etc.) and even then it would be very risky to both buyer and seller...

[optical76](#)

take a kureg k cup carbon coffee filter and put it in your mouth before you blow. or even a small charcol filter for fish tanks. the active carbon will deplete the alcohol infused in the carbon dioxide in your breath.



"Trick or Fool IID"

Anonymous February 21, 2013 at 6:15 AM

Wow, this is all so informative. Technology now a days truly is amazing. I am going to have to get an IID installed within the month and am extremely worried. I know drinking and driving is bad, but if I just have a beer and am below the legal limit my car will not start. I really do not want to tamper with the unit. If I were to get caught the trouble is not worth it.

The best idea that I can come up with is to drive my car with the IID to work and home, and if I want a beer I can borrow my parent's cars or maybe my sister's.

They used to make the whizzinator which made passing drug tests extremely easy and now they are illegal. They are illegal for a good reason. I don't want 18 wheeler drivers smoking crack and weed while driving and easily passing drug tests. The same way if they made an easy way to plug a unit into the IID to bypass it. For many people it would work and they would be safe, but there are a lot of screw ups out there that would cause destruction.

That's my 2 sense. Thanks for creating this blog!

Step 1. obtain a small tank with hose of an Inert gas (helium (He), neon (Ne), argon (Ar), krypton (Kr), xenon (Xe),

Step 2. Set tank regulator to +1.4 psi this is the typical human lung psi

Step 3. Get an air needle from WALMART (the kind that inflates basket balls, bikes, etc)

Step 4. Get an extra Mouthpiece from the RE-calibration Tech.

Step 5. Take a lighter and heat the tip of the needle.

Step.6 insert in into the side of the IID Mouthpiece, burn it threw the plastic

step 7. Connect the hose to the tank and the mouthpiece, then place mouthpiece in the IID

Step 8. Turn your ignition on wait for the interlock to ask for a sample, then Simultaneous turn the valve on, at the same you lightly blow-humm. When the sample time has ended quickly remove the mouth piece and start your CAR. Dont forget to turn your inert gas off. If it asks you for a rolling test pull over Continue steps when needed

Note in this method you will have to still HUM but because the inert gas is the majority of the sample and the oxidation process restricted you will get a pass.

I am not responsible for anything! this is for informational purposes only. Don't Drive Drunk!

Anonymous February 10, 2013 at 1:00 AM

Hey yo, I heard u can use a balloon filled with ur own breath without alcohol traces... and place it on the breather tube along with ur lips so ucan give it the humming vibrations... and pass...???? is that true????

VERY IMPORTANT

The vehicle could start without passing the test with this current design if you do not turn the switch to the off position at the jumper wire. This will mostly result in a log that states the unit was tampered with or at the very least needs an inspection. Either way, this will most likely not work out for you. Always have the jumper switch in the off position when engaging the unit.

Anonymous March 1, 2013 at 12:48 AM

at least on my smart start unit all i have to do is turn the key on then bypass the key switch with the ignition switch under the hood , i just arc it out with a screw driver.... it will start the vehicle but will not let the unit know you started the vehicle.... i watched a ford tech do it then 3 days later took it in for my callbration and informed them that ford bypassed it and smart start told me that there was no record of it even after i presented a receipt.... i knew you could start your vehicle this way but i after a year and a half of having the breathalyzer didn't know this would bypass the system without it knowing



WIDOT Circumvention



Items to Look For



TIME IID Driver License

Jane A. Doe

Drivers License or ID Card # # Dxxx-xxxx-xxxx-xx

RGLR Regular License; Valid Class D

Expiration: 12/24/2013

Restrictions: Corrective Lenses; IID Required: **Functioning IID Required in Non-CMV**
From 08-22-2012 To -8-21-2013

Issue Date: 08/22/2012

Photo Available: Yes

Real ID Indicator: No

Product Description: Regular License

Application Type: Reissue

Federal Medical: N



TIME IID Vehicle

LIC:123XXX LIT:AUT - AUTOMOBILE

VYR:2003 VMAK:FORD VMOD:ESCAPE XLT VSTY:LL VCOL:GRY

VTYP:TRUK VIN:1FMYU67890KB12345

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===>>>> OWI_SANCTION:IID REQUIRED - MARATHON COUNTY <<<<===

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PER:YR EXP:11-30-2013

REG:AUT LAST_UPDATED:10-08-2012 AT 02:03 PM CT

OWN:TEST RECORD SEVEN DOB:08-17-1987 DID:Dxxxxxxxxxxxxxx

STR:1313 MOCKINGBIRD LANE CTY:EAU CLAIRE ST:WI ZIP:54701

TITLE:0728199940117



What and How to Cite

- ▶ DL Restriction
 - ✓ Occupational license
 - ✓ Regular, valid DL
- ▶ Vehicle Restriction
 - ✓ Failure to install
- ▶ PAC
- ▶ Circumvention & Tampering



Questions?

- ▶ Chemical Test Section

- ✓ 608-243-2946

- ✓ chemtest@dot.wi.gov

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- ✓ WILENET

