



Warren CERT eNews



Not if..... When Always Vigilant - Always Prepared

Volume 4 Issue 11

November 2018

This newsletter is brought to you by the Executive Board and is meant to give you the latest news and information from around the organization as well as further your capabilities in a disaster or emergency situation. - *Michael Riley*

IN THIS EDITION

Generator Conversion Kits

The month in review

Scheduled Events & Training

Warren CERT Staff

President's Volunteer Service Award

Do1Thing

Cool Products Page

GENERATOR CONVERSION KITS

You don't need to buy a new generator that runs on propane or natural gas to experience its benefits. You can always convert your old generator so that it would also run on propane and/or natural gas.

Yes, this is really possible. No, it is not difficult at all. The basic idea is that you just need an adapter between the propane supply and gasoline carburetor. The adapter combines the propane vapors into the air stream above the carburetor. In most cases, the carburetor need not be modified. Conversion kits for every type of engine are widely available today. Your kit will usually includes a step-by-step guide for fast and easy installation.



To convert a generator to run on gasoline, propane and natural gas, what you need is a Tri-Fuel Conversion Kit

It can cost around 200 dollars but it's really worth it in the long run. You will need some basic tools such as screwdrivers, wrenches, socket set, etc. and perhaps some Teflon seal tape that can be bought from most hardware stores. Installation can take a few hours; it depends on your mechanical abilities.

Propane and natural gas can save you time, money and aggravation.

You can count on gasoline . . . to let you down!

Gasoline is not a fuel that professionals ever choose to use on backup generators. Hospitals and other large facilities do not use gasoline back-up generator. Depending on their location they always use natural gas or diesel. On the west coast where seismic activity is much more likely to interrupt natural gas delivery systems diesel makes more sense. In Michigan and a major portion of Midwestern states natural gas makes sense. Propane is a great choice in all parts of the United States.

Gasoline has a very limited shelf life and will actually cause engine failure. Worst of all when power outages occur due to ice storms, hurricanes, tornadoes, earthquakes and all other disasters, the first commodity to be un-available is gasoline. Long lines and rationing at gas pumps are a common occurrence during many disasters. Propane, and especially natural gas, were more plentiful and just the ticket to keep the lights on.

Unfortunately, as some have learned the hard way, if not used often enough, gasoline will gum up the carburetor and will render an engine on the emergency generator useless. Do not get caught with a gummed up carburetor that will not allow your engine to run, on your gasoline generator that you cannot even get fuel for, when you need it the most.

Now that you have invested in a backup generator, make sure that it runs when you need it the most. Modify your Generator to run on propane or natural gas or even keep the gasoline option if you like and have the option to run all three fuels on the same engine!

Do-it-yourself change over kits allow you to run your gasoline generator on propane (LP Gas), natural gas, or all three. Propane and natural gas are truly a backup fuel for a backup generator. Your engine will last longer, start better in cold weather and even start next year when you go to use it in an emergency. The best part is, with one of our do-it-yourself kits you can change your engine from gasoline to propane or natural gas all by yourself.

Why use propane to power your generator?

If you have propane available you know you can store propane for years because it does not gum up, go bad, or pollute the air like gasoline does. You can use the 100# (24 gallon) cylinders, little bar-b-q grill type 20# cylinders, which is equivalent to 5 gallons of gasoline, or big tanks like 250, 500 and 1000 gallon ASME tanks.

Why use natural gas to power your generator?

If you have Natural gas available you would certainly agree that it is probably the most dependable fuel on earth and virtually an unlimited supply. Natural gas is always there. It does not gum up or go stale like gasoline.

Propane and natural gas powered engines provide the same power as gasoline.

- > Longer, uninterrupted run times!
- > Connect to big tanks or to your natural gas pipe line.
- > Your generator will last longer because of larger fuel supply and less running out under load.
- > Clean burning Alternate fuel will help extend the life of your engine life.



THE MONTH IN REVIEW - CALL OUTS, DEPLOYMENTS, AND EVENTS

October 6, 2018	Fitz Parade & Traffic Class
October 6, 2018	2 Accidents Dequindre & Over Embankment 11/Hoover
October 6, 2018	Trailer Shopping
October 6, 2018	Kmart Safety Day
October 7, 2018	Boy Scout Disaster Prep
October 13, 2018	WWT Parade & Parking Traffic
October 14, 2018	Road Closure Chicage & Mound
October 19, 2018	Leason's Fundraiser
October 20, 2018	Trunk N Treat City Square
October 20, 2018	Wire Down 8142 Hudson
October 21, 2018	Wire Down 24910 Campbell
October 21, 2018	Wire Down 2044 Garrick 9/Dequindre
October 21, 2018	Traffic Control 11/Hoover lights
October 24, 2018	Traffic Light at 11/Merideth
October 26, 2018	Trunk N Treat Westwood
October 31, 2018	Candy Check Sta# 1

517.25 Total Volunteer Hours

289 - Call-Out / Events

56.25 - Meeting / Training Hours

172 - Executive Board / Administrative / Education

Although the IRS does not assign or allow volunteer hours a dollar amount many state and federal entities do assign a value to volunteer hours.

According to todays rate of \$24.69 the CERT team has performed

\$12.770.90

dollars of service to the residents and city of Warren this month.

UPCOMING EVENTS

Full details available at meetings, emails, and official CERT calendar

Sun Nov 11	09:00-17:00	First Aid / CPR / AED	
Sat Nov 24	09:00-17:00	First Aid / CPR / AED	
Sat Dec 1	09:00-13:00	Family Appreciation Brunch	*** All your family is invited!! ***
Sat Dec 1	17:00-20:00	Tree Lighting	City Square

Unless otherwise indicated meetings will be held at
Warren Community Center 5460 Arden Ave, Warren, MI 48092

Watch the CERT Calendar for the latest location information and other training dates.

[Make sure you follow Warren CERT on Facebook & Twitter](#)

<https://www.facebook.com/wrncert/>

[@WarrenCERT](#)

Sometimes you just need a good cup of coffee.... When that describes you there is an answer:

CHECK THIS OUT

Hometown Heroes
Coffee and More 

Coffee, Sandwiches, Soup. It's all good, check them out.

25029 Van Dyke Ave
Center Line, MI 48015



There are dozens of quality conversion kits for most generators. Depending on your mechanical capability you can convert your generator from scratch with \$30.00 to \$50.00 in parts from a small engine repair shop and Home Depot.

If you're like me and have the mechanical capability but don't have the time or the need to build from scratch one of the pre-made kits is the answer. You'll pay +/- \$175.00 dollars for a kit but you are getting a complete solution and detailed instructions and in some cases installation videos. Saving 2 or 3 trips to the store for this fitting or that part is more than worth it for me.

At this point hopefully you are a little Googlecentric* as some research is needed.

There are dozens of conversation kits available. To get you started down this research rabbit hole try:

[Generator Fuel Conversion Kit](#)

All in All I have probably 20 hours in searching different web pages, kit manufacturers, and how to videos. Here is a sampling of some of the sites I found:

[US Carburation](#)

[Century Fuel Products](#)

[Propane Carbs](#)

[Power up Generator](#)

[PNG Technologies](#)

(This is a local guy I just saw for the first time)

Some Videos:

[Portable Generator Conversion to Natural Gas & Propane](#)

[Installation of tri-Fuel conversion kit from US Carburetion](#)

[Tri-Fuel generator conversion kit. Motor Snorkel. U.S. Carburetor](#)

[Tri Fuel Conversion for Generator](#)

[US Carburetion Snorkel Tri-Fuel Generator Conversion Kit w/issues Natural Gas / Propane](#)

As a side note you can purchase Tri-Fuel Generators. As a result of doing my original research a year or so ago I actually opted to just buy a new Tri-Fuel capable generator.

*I personally loathe Google so feel free to use any search engine you like.

This conversation seems pretty cool:

What is Motor Snorkel™ ?

The Motor Snorkel™ Conversion Kit is US Carburetion's patented, revolutionary alternate fuel conversion kit. After installing this kit, your generator will be able to run on natural gas, propane or gasoline (sometimes called a tri-fuel generator conversion).

How it Works!

LINE OUT TO PROPANE OR NATURAL GAS

US CARBURETION'S
REVOLUTIONARY
PATENTED DESIGN
REPLACES YOUR GASKET



the snorkel tip can be crushed, flexed and smashed 1,000s of times by the carburetor's choke & always return to its original shape so that you can continue running gasoline

INSTALLS IN MINUTES

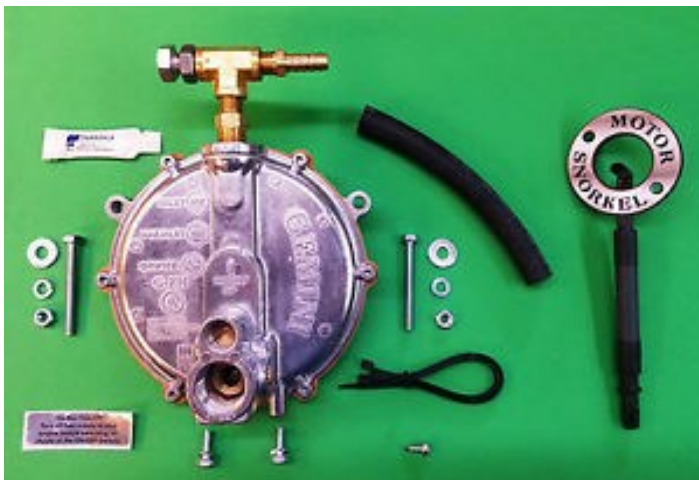
The innovative feature of the US Carburetion Motor Snorkel™ Conversion Kit is the ingenious method of passing the fuel through the gasket portion of the device. Fuel is then channeled to the proper area in the carburetor so that the original carburetor can control the fuel mixture just the same as running on gasoline. Another amazing feature is the specifically designed probe that passes by the choke plate. A unique crush-proof yet flexible material was developed to allow the choke to be used on gasoline so that the engine can operate normally on gasoline without having to remove the Motor Snorkel™.

(the only kit you need)

[Introducing....Motor Snorkel](#)

[Motor Snorkel Installation Video](#)

[Motor Snorkel Video](#)



EXECUTIVE BOARD

<u>Title</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>	<u>Ham Call Sign</u>
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Secretary	Angela Middleswart	586-219-4329	amiddleswart@warrencert.org	

PRESIDENT'S VOLUNTEER SERVICE AWARD

The President's Volunteer Service Award (PVSA) is the premier volunteer awards program, encouraging citizens to live a life of service through presidential gratitude and national recognition.

The President's Volunteer Service Award is an initiative of the Corporation for National and Community Service (CNCS) and is administered by Points of Light. Through a shared mission of inspiring more to answer the call to service, the President's Volunteer Service Award celebrates the impact we can all make in bettering our communities and our world.

As another level of recognition and acknowledgement for all the time volunteered by our members CERT has added the ability for members to qualify for the **President's Volunteer Service Award** or PVSA.

Please go to <https://www.presidentialserviceawards.gov/register-vo> and create your own account. Each person must create your own account! To associate your account to the Warren CERT team you must reference our **Record of Service Key WBU-4628**

Every member should sign-up and start to log all your community service. You can list any service; it does not have to be directly related to CERT. As you can see below there are references to many different types of service.

Any community volunteer work is allowed to be added for review. Any other groups or teams you volunteer can be submitted for consideration. For example RACES/ARES, Ducks Ltd., any city commissions, Red Cross, any non-compensated training you do or work you perform may be submitted.



CERT POLICIES MEMBERS NEED TO KNOW

Warren CERT ID and Lanyard can ONLY be worn when activated as Warren CERT and must NOT be visible when stored in your vehicle. Do not keep lanyards in your cup holders, hanging from your rear view mirror, or other obvious place. You need to assure it does not get stolen or is used to misrepresent the team.

When deployed on Warren CERT events, logos and ID's from any other agency's cannot be worn. This includes, but is not limited to Badges (Security, Hospital, Work, etc.), Shirts or uniforms with logos of other agencies (Police, Sheriff, Fire, Ambulance, Security, even other CERT teams). Displaying multiple identifying marks causes confusion and can possibly place you in unwanted and dangerous circumstances.

Under no circumstances should you self-deploy!! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE ON YOUR OWN! IF YOU SELF-DEPLOY AND ARE INJURED YOU ARE NOT COVERED BY THE CITY! If you decide to offer assistance without being called out by during a city sanctioned event you are doing so as a civilian and assume all responsibility.

You are authorized to use your red warning light while on official CERT call-outs or events and when you are using it according to CERT guidelines. You must be stationary while it is in use. You are only authorized to use it while in the city of Warren. Your light should not be visible outside of the city

Warren CERT has a Chain of Command and every member is subject to follow it. If you ever have any questions or problems bring it to your executive board. No member will email or call a city official concerning a CERT topic without having gone thru the executive board or Emergency Manager.

Under no circumstances should any member attempt to approach or attempt to move any downed wire!

All safety policies and procedures must be followed at all times.

All members, at all times, must exhibit professionalism.

No smoking, indecent or lewd behavior or discussion will be tolerated.

ANY VIOLATION OF THE ABOVE GUIDELINES COULD RESULT IN DISCIPLINARY ACTION, EXPULSION FROM THE CERT TEAM OR CRIMINAL CHARGES.

IMPORTANT INFO

Remember to call 586-960-5315 and leave your name, time arrived, time departed, and what scene or event your calling about!

Please like our Facebook page [Facebook.com/wrncert](https://www.facebook.com/wrncert)

**Don't forget to tell your friends and neighbors, about CERT.
We're always looking for good people.**

[Apply at warrencert.org](http://warrencert.org)

Make sure you continue to receive this eLetter and are signed up to the electronic version of the official CERT calendar.

[Check your texcom.com info to assure its current!](http://texcom.com)

Warren CERT Call-Out Procedures

Warren CERT uses Texcom.com as its primary dispatch and notification system.

All CERT members must be registered with Texcom with SMS (texting) and email. *An exception is allowed for members that do not use texting or email.*

When a call out request is received from an official source the on-duty CERT dispatcher will immediately relay the help request to the members via texcom using text messages and email.

Every message will contain specific details on how to contact dispatch and respond to requests.

Responding parties must respond as detailed in the message.

A request may advise to **call** "Dispatcher Name" at 586-xxx-xxxx.

In this case as stated **call** the dispatcher and advise of availability and interest in responding.

A request may advise to **text** to "Dispatcher Name" at 586-xxx-xxxx.

In this case you must enter the number into your texting/messaging program and enter your response to the dispatcher.

Do not reply to the message you received, it does not go to the dispatcher!

Do not call if the Texcom message states to text to respond!

In all cases, include **your First and Last name** in the response.

The dispatcher will advise of any new updates to the call, information too large to type into the Texcom message, or of a sensitive nature that can't be openly distributed.

The dispatcher may also advise of a CERT Member in Charge (CIC) in charge of the call-out as well as names of other responding members and any preliminary instructions or recommended equipment.

All responding members must report directly to the CIC and follow their directions. With the exception of emergency first aid, members are not to begin response unless directed by Warren CERT. With the exception of emergency conditions members are not to leave the response without checking out with the CIC.

New members will also be advised that they are not to perform any action until the CIC arrives, new members must wait on the side lines, in safe location until given instructions by the CIC or dispatcher.

No member will respond to a call until they have checked in with dispatch!

In all references in the above to dispatcher it refers to the CERT dispatcher, under normal circumstances no contact will be made directly to Warren PD 911 dispatch!

Should a situation or problem develop on a call-out notify CIC immediately. If an emergency develops and CIC is unresponsive or incapacitated notify then notify Warren PD dispatch

Check and update your texcom.com information occasionally. Phone numbers and email addresses do change.

do thing

Being prepared for disasters and emergencies can seem like a big job. Many people don't know where to start, so they never start at all. With Do 1 Thing you can take small steps that make a big difference in an emergency.

Do 1 Thing is a 12-month program that makes it easy for you to prepare yourself, your family, and your community for emergencies or disasters.

Warren CERT is proud to be a partner with do 1 thing. Every month we will be showcasing some of the information from do 1 thing for Individuals and Business's.

Individual:

Emergency Supplies

Goal for November: Remember important items that may be overlooked when leaving your home in a disaster.

Any emergency is easier to handle when you have prepared ahead of time. Put together an emergency kit with important items to keep at home, and a go bag with items you will need to take with you if you evacuate. Think about what you and your family would need in a disaster.

Tasks

Emergency Supplies: Gather your emergency supplies in an accessible place.

Emergency Supplies: Create an emergency supply kit for your pet, your car, and your workplace or school.

Emergency Supplies: Stash some cash in case ATMs and credit card machines are not usable in a disaster.

Read More: <http://do1thing.com/topics/supplies>

Business:

Exercise

Goal for Step 11: Make sure employees understand their role in a disaster and are equipped to respond safely and appropriately

The disaster environment is fast-paced and stressful. Danger, adrenaline, and exhaustion can affect our ability to carry out critical tasks. Familiarizing your staff with emergency plans and procedures ahead of time through testing, training, and exercising can minimize danger and financial loss in a disaster.

Exercise: Train employees on their role in a disaster or emergency.

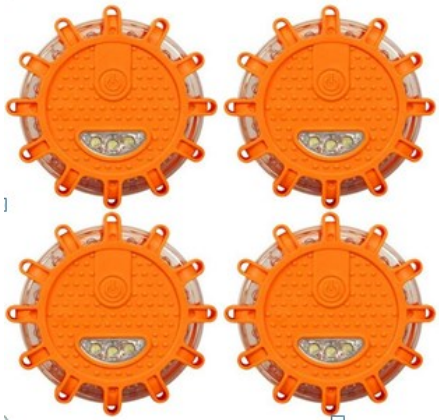
Exercise: Hold a drill or tabletop exercise to test emergency procedures.

Exercise: Offer additional safety and response training for staff members.

Read More: <http://do1thing.com/topics/exercise>

Thank You to do1thing
<http://do1thing.com/>
A Warren CERT Partner

LED Safety Flares

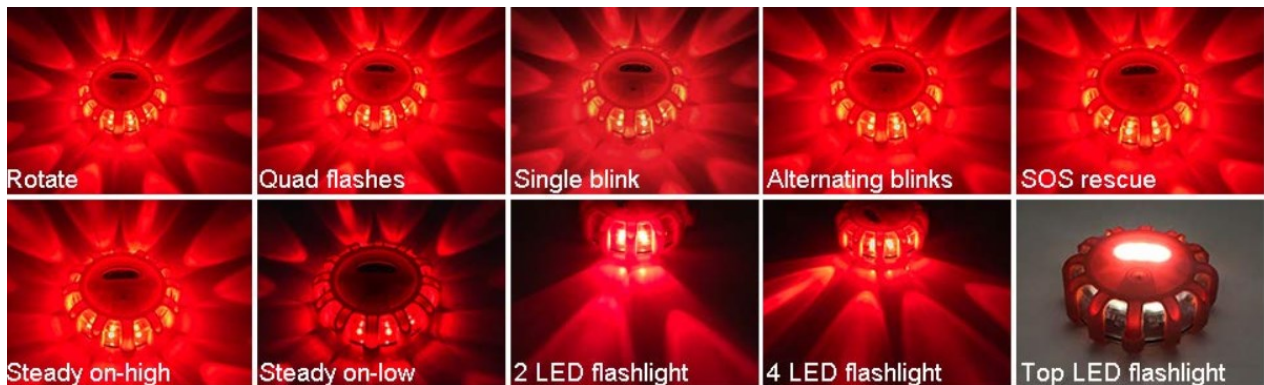


There are many “tools” used by CERT teams for safety and warning in dangerous situations. LED Safety Flares are one of the most versatile and affordable devices available and everyone should stock up.

LED road flares are perfect for vehicle breakdowns and accidents. With visibility of up to one mile and run times of up to 60 hours, LED safety flares help to protect drivers and vehicles in any road-side emergency situation. Different lights offer different flash patterns but the normal is 6 to 10 modes.

The LED road flares are shatterproof, crushproof, and rainproof and offer superior visibility.

There are numerous sources of these flares and many versions of them are available. As far as power there are 2 main options; 1) Battery Powered and 2) Rechargeable.



[Haylo LED Safety Flare](#)

[LED Safety Flare](#)

[LED Safety Flare run over by a JEEP](#)

[LED Emergency Safety Flare Light](#)

[Wagan FRED LED Flare vs FlareAlert LED Emergency Flares](#)

Shop carefully and be aware of device quality and price. On the average each beacon costs \$8-\$10 and can be found in kits of 4 to 6 beacons. The rechargeable packs usually have 6 in the case and charge while in storage.