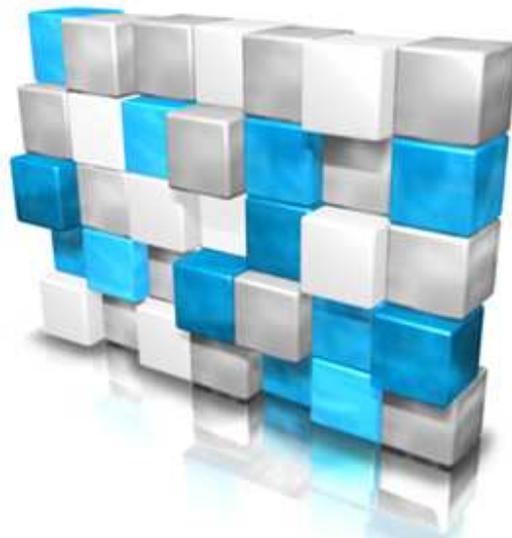


Air Conditioning AC Stop Leak Plus

A/C Products by GWR Automotive Products

Automotive,
Truck,
Agricultural



Commercial,
Industrial,
Residential

R12 and
134A

R22 and
410A

They'd all love to duplicate our exclusive formula, fortunately for our sake it's patented!

Our unique additives lubricate all moving metal parts in the AC system, while revitalizing O-Ring elasticity. More remarkably though, they seal hard to find leaks in evaporators, condensers, hoses and other difficult to repair AC components. Don't spend hundred or even thousands to replace expensive parts only to find out you missed a small pin hole else ware and now all the new gas has leaked out.

Stop Leak Plus can be use as a tune-up conditioner during a Freon top-off when components are in overall good shape, or as a complete system rejuvenator when Freon and oil are added during a major repair or service.

Programs are available for all levels of distribution to professional technicians, from single cases for automotive applications to gallon containers for commercial

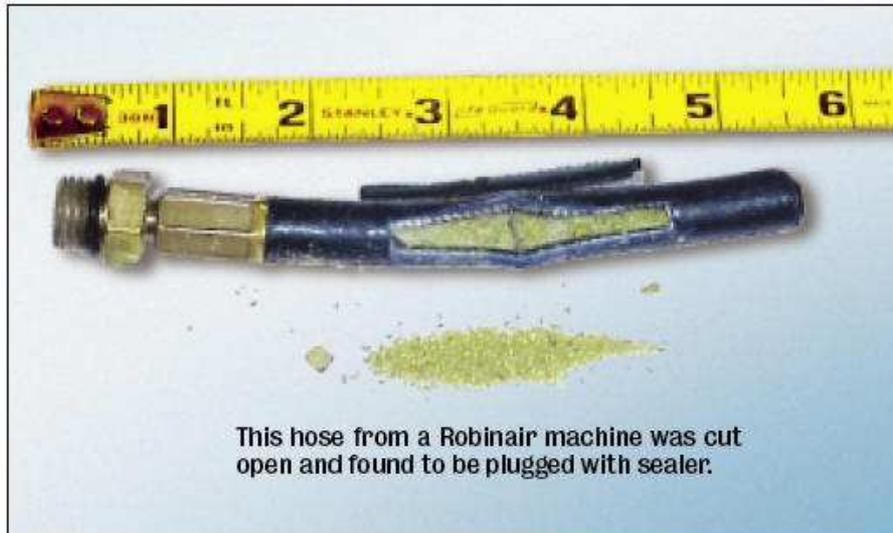
use. We even offer the specialized tools needed for installation, please see details on them below.

**For those of you wondering,
GWR Stop Leak Plus is not
activated by air or moisture! It is
not polymer based and simply
remains as a base oil in the
system.**

*Please note that if a sealer is in a pressurized
can,
you don't want to use it. Period! They all set
by moisture and that means they can clog a
system and recycling machines.*

**This product is not like all the others that claim to
seal A/C leaks...**

We do not react to moisture and therefore do not come in a sealed, pressurized can that sometimes hardens while you are trying to install it. Additionally, this product will not clog installation equipment or the recycling machines needed to remove gasses from systems being serviced. Take a look at this picture and you will see why the products in pressurized can are not only a problem for a recycling machine but also the system itself.



The end view of a solenoid valve from an evacuation machine, notice the hardened particles of another stop leak product. These granular particulate float around in the system until they attach to a part or get trapped in a filter or expansion valve. When that happens, system efficiency is reduced or even stopped and another repair is required to remove the bad sealer and the parts that have been damaged.



How ours is different and why it works...

Three elements are necessary for initial activation of GWR's Stop Leak Plus.... the Refrigerant, the system pressure and movement velocity. Our unique product physically blends with these elements to "activate" its properties. When a leak occurs, whether pre-existing or in the future, refrigerant and some oil escapes through the hole at a rapid rate of speed, via a venturi action. This high speed flow allows some of the activated Super Stop Leak Plus to likewise pull through. When these escaping molecules bombard the ragged edges of the hole they begin to attach to the area and each other, eventually forming a seal or patch. Because Super Stop Leak was formulated to stay flexible and pliable after the seal is created, it will remain secure through on and off temperature cycles and years of normal engine/driving vibrations.

***Simply stated... this is the
finest
Air Conditioning Stop Leak
product on the market!***

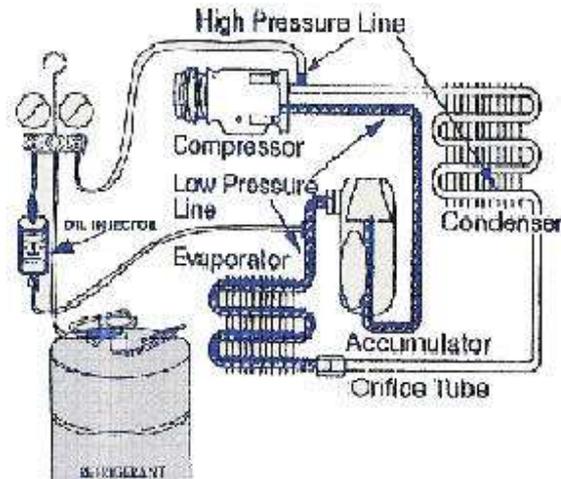
***You will seal irritating, pesky,
hidden leaks
and eliminate costly service
comebacks.***



**SUPER STOP LEAK PLUS prevents comebacks, period!
That means more profit for installers and no headaches for
consumers.**

GWR's new SUPER STOP LEAK "Plus" is specifically formulated to prevent leaks and repair existing leaks... while revitalizing gaskets and o-rings with patented lubricates. Because of its liquid consistency, you install it just like standard A/C oil. A technician simply uses an A/C oil injector tool to install through the low side service port but you can also draw it through the center tap on a set of manifold gauges, if you prefer. This means the system does not need to be evacuated to use our product, another time saver! Simply start the engine or system, turn the A/C to maximum cooling, install SUPER STOP LEAK "Plus" and recharge the system with R-134A, R-12, R22 or R410A as per the service manual. Make it part of your maintenance service... add SUPER STOP LEAK "Plus" to every A/C service and keep systems at optimum performance levels.

Basic Installation Configuration



Frequently Ask Questions and the Answers:

IMPORTANT:

Can a consumer install GWR's Stop Leak Plus?

This professional product is not something you can buy at a local auto parts store, or take home for a simple installation. On the other hand, a mechanically inclined person could use the Super Stop Leak Plus if they are familiar with A/C repair and have the required tools necessary to test and install the product correctly. At the very minimum, you will need the oil injector tool used by shops for the last 30 years, to put refrigerant oil into A/C systems. Additionally, you should have a set of manifold gauges and a pump to pull the vacuum for testing leak down time.



Please note that if you don't have or can't borrow a professional installation tool like this one, it's impossible to install GWR's Stop Leak Plus. The product is not a "Do It Yourself" sealer with throw away, quick connect hoses like those the Auto Parts store sells.

This extremely high quality, professional tool is available

from GWR, please call for pricing.

Specify #TLJ-12 (R12) or TLJ-134 (134A) Note: Actual shipped tool
may vary from picture.

How does it work?

Super Stop Leak Plus is an inert liquid until it mixes with all Freon gases. Once installed in a closed circuit, it activates based on several conditions present in the system. As it begins to travel with the gases, it seeks out leaks and migrates through small holes to the outside air. During the migration through the hole, it begins to build and then congeal to form a chemical weld that seals the leak. This "patch" never hardens, but remains pliable so it can flex with expansion and contraction of a system.

How large a leak will it repair?

In general, Super Stop Leak Plus is designed to seal an A/C system that has slow leaks, taking weeks or months to show up. The system must be able to hold a vacuum on the low side for 45 minutes, at a minimum. If the vacuum leaks out or changes, within an hour, the hole is too large to be sealed and manual repairs need to be made.

Will it seal evaporator leaks?

Yes, plus it will also seal leaks in the condenser. Additionally, the special oils will rejuvenate all connection hoses, gaskets and o-rings. The only part of a system where a leak can not be repaired is a compressor shaft seal. All seals are designed in a way that leaks are inevitable because shafts that go through them, continually turns at the seal's mating lip.

How much do I use?

One 2 oz. bottle is all that is necessary to seal and condition one average size vehicle's A/C system. When adding Super Stop Leak Plus to an evacuated empty system, substitute 2 oz. of Super Stop Leak Plus for 2 oz. of the regular A/C oil. (i.e. A 10 oz regular fill is now 8 oz's oil and 2 oz's Super Stop Leak Plus). If the vehicle has a slow leak but still has a partial charge at service time, add 2 oz. of Super Stop Leak Plus along with the required amount of refrigerant until the system meets factory specs for a new charge. (Per service manual specifications)

Is it available for both R-134A and R-12 systems?

Yes! There is a Super Stop Leak Plus for both R-12 and 134A A/C systems, plus it works with blended refrigerants as well. Be sure to specify either the R-12 or 134A version when dealing with automotive applications, to match system being serviced.

What about commercial or home A/C systems?

We now have new formulas for home, commercial and industrial refrigeration systems. These new

products are revolutionary and just as easy to use as our automotive versions. Product specific versions for R22 and R410A are available in bulk gallons, for installation by professional service companies. (Please note we do not have single application bottles available for consumers, or DIY customers.)

We encourage professional installers to order one of these incredible tools, they are simple and the fastest way to inject our Super Stop Leak Plus additive. Best of all you don't have to bring down a system, you can inject at full system pressure based on the seal system in the high pressure pump. Additionally, the reservoir bottle holds 16 ounces of SLP, so you do not have to stop and refill (smaller tools) when you need to put 3, 5, 10 or more ounces into one unit.

Call GWR Products for price and available.



How long will it stay in the system?

Super Stop Leak Plus forms a permanent repair when it comes into contact with venturi flow, specific temperatures, pressure, refrigerant and other parameters at one specific location. If there are no leaks in the system and you're installing it for preventative maintenance, the product simply remains a high quality liquid lubricant until a leak is detected. Every vehicle should have a bottle installed when a major repair is performed but also on systems with no problems. It is the cheapest insurance you can buy!

What happens when I recycle the refrigerant?

Super Stop Leak Plus is removed from the A/C system with the refrigerant during standard recycling procedures. It separates from the refrigerant during evacuation and joins the reclaimed oil. Since it flows, is an oil and does not harden in a system, it will not harm or clog recycling machines during transitions.

How long has the product been on the market? Does it really work?

The Super Stop Leak Plus has been sold to the professional installer for over 15 years and installation problems are virtually non-existent. The few complaints we have received are always from installers who fail to check over the system before installation of the product. When the holes are just too big or there are too many (will not hold a vacuum for 45 minutes), even our unique, patented sealant, may not repair a leaky system. Rely on the best sealer in the business, we guarantee there's not a better one available... anywhere in the world!