



**Saving Car Fuel,
Heating Costs
and
Other Benefits

with the
Harmony Chip**

A guide book for domestic use.

**For commercial and domestic applications,
Please contact**

**Harmony United Ltd.
London, Munich, Ohio.**

**www.harmonyautomotive.com
www.harmonyunited.com
ceo@harmonyunited.com**

Contents

Preface	3
Automobiles	4
Heating Systems	13

Preface

I am writing this article almost as a sort of self defence: The news has leaked out that you can save on fuel both for your car/truck and for the heating in your home. I am now being asked the same question several times each day. Each time needs a detailed explanation so here, at last, complete with photos and sketches, is exactly what can happen, how, why and what you can get from it.

A) Automobiles:

The first thing that needs to be said here is that the original prototype Harmony Chip was developed expressly for this application.

Joachim Wagner, the engineer who invented it (he's now our director of production and research) began this project some 22 years ago as a university student almost obsessed with the iniquities of the internal combustion engine. He was incensed (still is, actually) with the fact that, despite the billions that auto manufacturers pour into new models each year, there has been no improvement to the basic technology for more than a century! Strip away the frills (the air conditioning, computerised fuel injection and other such minor tinkering) and Henry Ford would have no trouble at all in maintaining your car! The basic engine design is the same as in his Model T Ford!

This ancient technology allows one to EITHER improve the performance OR the fuel consumption OR the exhaust emissions at the expense of the other two. There is no way to improve two of them, let alone all three, simultaneously.

Not having the billion dollar budget of a car manufacturer, Joachim was constrained to looking at ways to change the nature of what actually went on inside the firing chambers of the engine for it is here that performance, fuel consumption and exhaust content is decided.

There are three constituents to the firing: Fuel (gasoline/petrol/diesel), oxygen (included in the outside air) and the spark from the battery via the ignition system. All three of these arrive without any preparation in the firing chambers (the piston cylinders) merely in the pious hope that they will somehow manage to mix themselves adequately to permit some sort of explosion to push the piston down the cylinder. It is this uncoordinated mixing which causes your engine performance and starting to vary enormously with the weather.

Because nothing is done to change this, all three constituents arrive in the firing chamber in a very chaotic condition which, because of the turbulence, makes it very difficult for them to mix. This causes the engine to use, i.e. waste, up to 25% more fuel than it actually needs to deliver the small amount of energy made available by the basic engine design to the road wheels. With a normal automobile, for every dollar you put into the fuel tank, you get up to 15 cents worth arriving at the road wheels! For every dollar you spend, 85 cents gets thrown away into the air! Now do you understand why Joachim is so incensed? In no other industry is such wastefulness permissible.

Without doing a complete engine redesign and rebuild there is only so much that one can do and Joachim has done it! By bringing order into the firing chambers, he has established a condition whereby the burning process (the explosion which moves the piston) becomes much more efficient simply because the constituents freely mix.

Uncorrected, the partial mixing brings an extremely short initial burn which then rapidly tapers off and has almost ceased by the time that the piston has travelled a mere one third of the length of the cylinder. This type of burn brings three problems:

- a) Because only a partial burn takes place, the exhaust emissions are "heavy" in poisonous gasses and soot (especially with diesel).
- b) Because only the initial micro-burn actually does anything in the sense of moving the piston, the fuel consumption is artificially turned up high by the auto manufacturer in order to give more power to it.
- c) Because the motor has to, simultaneously, cope with the extreme over pressure of the initial burn and the rapid fall off before the piston stroke is complete, the engine is both louder than necessary and wears out more quickly than should be.

Here is where Joachim decided to do something.

It took him 6 years and much study and experimenting to make the first fully functioning prototype. Seventeen years later, this prototype still functions with 100% efficacy! All Harmony Chips are now guaranteed to work for at least 10 years! Yes, that's what he invented are called because that's what they do: They transform chaos into harmony!

The largest, in volume, of the three constituents in the firing chamber of a car engine is air. The air to fuel ratio is about 15:1. It, therefore, makes sense to order this. The most energetic is the spark. Ordering the spark can bring considerable advantages. Ordering the fuel itself is much more difficult than it seems because of the way engines are built. If you bring order into the fuel before the carburettor/injector, most of it will be lost before it reaches the firing chamber. Applying an ordering device between the carburettor/injector and the firing chamber is not only problematical because of the heat but also of minimal effect due to the very short distance. This is why the Harmony Chips are applied to the air duct and/or the battery.

Generally, the best place to apply a Harmony Chip to the air duct is as close as possible to the outside air as in the photo above. When, however, there is an electrical air sensor in the air duct then the Harmony Chip must be applied after this point as the sensor will return chaos to the airflow.

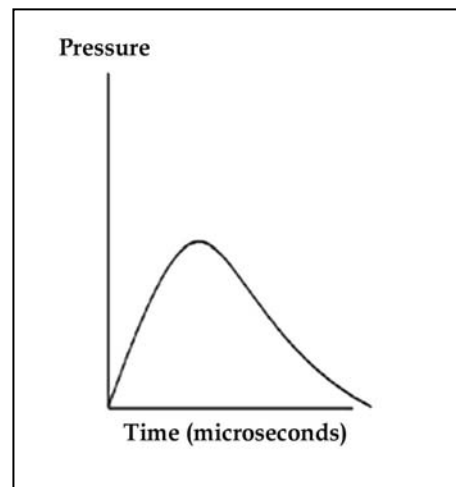
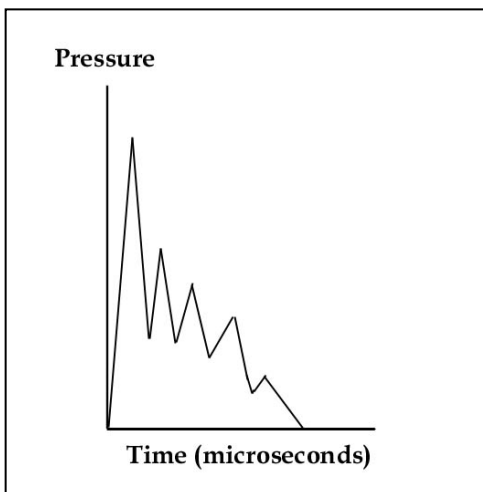


When applied to the battery, it should be fixed as close a possible to the plus (+) terminal where the electricity leaves the battery.

The furthest possible points from the firing chambers are chosen because the longer the transit, the greater the harmonising effect. The process is an exponential chain reaction and the greater the quantity of ordered air and energy entering the firing chamber, the more efficient the burn becomes.

Now what actually happens in the firing chamber is that instead of chaotic air and fuel molecules hitting and bouncing off each other and the spark going every which way at random, the air immediately absorbs all the fuel and the spark goes to exactly the right place at exactly the right time. This gives very useful results:

The air/fuel mix is exactly right throughout the entire volume of the firing chamber. The extremely intense initial burn, caused by fuel being concentrated in one part of the cylinder, no longer happens. The temperature in the motor coolant reduces by up to 10°C (18°F) The pressure not only falls to a level which the motor can easily use but also becomes a steady curve which delivers usable energy to the piston throughout the piston stroke. See sketches below:



The nett effect is that whole engine is much less stressed, runs much more quietly and, more often than not, requires considerably less fuel in order to bring the same amount of energy to the road wheels. Experience over the years has shown that the reduced stress and wear and tear can easily increase the life expectancy of the engine by up to 25%!

The environmental benefits are not only less noise but also, because the burn is at a fairly constant temperature and an almost complete burn takes place the amount of poisonous and environmentally damaging exhaust gasses are dramatically reduced.

I own a Rover 827 si. A car I had wanted for some years but is no longer manufactured. Three years ago, I had the great good fortune to find one, built in 1990, in very good condition abandoned in an underground garage and was able to purchase it. Restoring it to full working order cost rather more than the purchase but this is the car I want!

Last year, I had to take my car through the government road test and was warned that almost all of that model fail the test due to very bad exhaust emissions. Just look at this test result. **Barely 16% of the permitted bad gasses! That's Harmony Chipping!**

SUR DGA 2500 MOT

MOT Exhaust Emissions Test Results:
Non-catalyst equipped vehicle (metered check)

Test Station Name: FOLKESTONE MOTORS
Address: 325 CHERITON ROAD
FOLKESTONE
KENT
CT19 4BQ
Telephone: 01303 275196


Test station number: IAL204

Date of test: 4/7/2005 Time of test: 14:13

Vehicle Registration Number: H175 LOG
Fuel type: Petrol
Odometer Reading: 84507

Engine oil temperature measurement was by-passed.(Coolant pipes hot)

DESCRIPTION	Min Limit	Max Limit	Actual Value	Pass / Fail
CO % vol	—	3.500	0.544	Pass
HC ppm vol	—	1200	174	Pass
Mile speed				Pass
Smoke level				Pass
Overall Result:	Exhaust Emissions Test			Pass

Tested by: g hambrook Signature: 

Customer Copy

was by-passed.(Coolant pipes hot)

Unit	Max Limit	Actual Value	Pass / Fail
	3.500	0.544	Pass
	1200	174	Pass
			Pass

It's not all roses, however. My car, along with many built in recent years, has a computer controlled fuel system. The manufacturer has built onto the engine a computer which delivers exactly the right

amount of fuel for the speed and gear. For a chaotic burning process! Although the harmonised burn requires much less fuel, it is, for all practical purposes, not possible to reprogramme the on-board computer for a six cylinder engine and my engine now constantly gets too much fuel. If your engine has a computer controlled fuel system, you are not going to save more than 5% and you may not save anything. What you do get, however, does make it very worthwhile chipping your car.

You see, all chain reactions and not just those started by nuclear bombs are contagious. Starting a scalar ordering anywhere (see the electro-smog handbook for further details of this; email to office@harmonyunited.com for your free personal copy) will not only order the system to which the Harmony Chip is applied, it will also "infect" anything else with which it comes into contact.

If you build a flat platform and then put a wheel on each corner all pointing in the same direction then the wheels will attempt to "communicate" with each other. This is a normal effect described fully in Quantum Mechanics, Oscillation Technology and Chaos Theory and implicit in Einstein's Unified Field Theory. Now, I'm not going to bore you with pages of mathematics which describes this effect. If you really want to study it, there are many good textbooks available and many university offering courses. I mention this purely as background knowledge to explain how this next happens.

If you "chip" the airflow to the engine and the battery you will "infect" the engine, the dynamo and the entire electrical systems in the car with harmony. One of the most immediately noticeable effects of this is that the on-board music system will often sound very much better. As all electro smog in the car will also be deleted you may very well feel much happier driving your car and find the experience much less strenuous. It goes further than this, however. As more of the car becomes infected with harmony, electro smog and other chaotic energy sources from outside will tend to be turned away and/or ordered.

It is this combination, which gives the famous effect "I now feel much safer driving than before my car was chipped." The removal of confusing influences from the engine and electrical systems and the protection against external chaos literally does make driving much safer simply because you will perceive the road and other vehicles much more clearly and can make accurate decisions much more quickly.

It goes even further: As the chassis itself becomes ordered (and you can intensify this by placing a Harmony Chip near the centre of balance of the vehicle, i.e. just by the gear stick as in this Photo) the wheels, the steering, the suspension and the braking systems attain a natural harmony and balance. This not only reduces wear and tear on the brake pads (which will last up to 3 times as long) and the shock absorbers (failed shock absorbers have been known to "repair" themselves as the oil becomes ordered and, therefore, more elastic and dynamic) but also balances everything. This balancing causes the vehicle to brake without juddering, to go around corners like it's on rails and, so, also reduce tyre wear.



There are many, many advantages to "chipping" your vehicle. The savings in fuel costs is probably the least of these.

In February 2005 we were invited to offer a large automobile manufacturer based in South Western Germany a solution to a large problem using the Harmony Chip technology. This problem is a car called "The Smart" (not available in N. America) which is, quite possibly, from the point of view of natural harmony, balance and human requirements, the World's worst designed car! The car wasn't actually designed by the auto manufacturer but by the guy

responsible for "Swatch" watches! Mercedes Benz just got caught up in hauling his coals out of the fire when things went badly wrong.

The car is both extremely uncomfortable to drive as well as very unstable on the road and difficult to keep under control other than at low speed in the town. The erratic braking system makes further difficulties for the salespeople.

We were asked to investigate the possibilities of curing these ills with Harmony Chips. This we achieved! With up to eight Harmony Chips per car all the stability, braking, steering, electro smog and confusing outlook problems can be corrected. This led to a further problem: The manufacturers were uncertain that it would be possible for so many Harmony Chips to be correctly positioned by hand in the factories and asked us to offer a different solution. This led to the development of a new type of Harmony Chip with greatly increased abilities whereby one single super chip (now called the Harmony Super Charger) applied to one strategic point, would apply all the necessary corrections and maintain them. Problem solved; out of the Smart we had managed to make a good driveable car.

This super chip, however, doesn't just work for a Smart: It works for all road vehicles. The effects on my Rover have been absolutely amazing.

Probably the most important and valuable thing that you can do for your personal and general public safety and to reduce environmental pollution is to "chip" your car.

The Harmony Super Charger will revolutionise your driving experience and save you a small fortune to boot! Since applying the first prototype Harmony Super Charger to my Rover in March 2005, I have saved more than €4500.00 (\$6100.00) in parts and maintenance quite apart from the fuel saving!

For a mere €/\$497.00 with a six month right of return, how can you go wrong? www.harmonyautomotive.com for more details.

B) Central Heating.

As with cars, the main advantages to "chipping" your heating system may not be the reduced fuel costs.

Unless you are one of those unfortunate people saddled with electric central heating, there is unlikely to be much advantage in "chipping" the fuel source. This would not be a correct application of the technology.

If you do have electric central heating you will get the health benefits and may reduce your electricity consumption by "chipping" the power line into the heating system.

The actual transmitter or carrier of the heating energy is not the fuel but the air in your house/office etc. and, more specifically, the moisture (water molecules) in the air. Dry air is an extremely good heat insulator - it doesn't transmit heat!

Whether your system works by pumping water around a network of radiators or blowing air around a series of ducts, the application of the Harmony Chip is exactly the same.

What we have to do to get the heating system to work more efficiently is to order the water molecules involved in the heating process, i.e. not only those in the air but also, where applicable, those in the water circulating in the radiator system.

Where the air in a room is not ordered, the heat energy will tend, very strongly, to both move in restricted bands and to stay close to the heat source (radiator/hot air duct). In order to get some sort of warmth into the rest of the room, one turns the heating up higher and, consequently, burns more fuel whatever this may be.

If, however, one orders the flow by applying a Harmony Chip to the outside of the cold return air duct or cold return water pipe just before the fan or pump then this will order the airflow (just as in a car) which will both cause more heat to be taken up from the

furnace or boiler for the same volume of air or water and for this heat to be more readily transmitted.

Disordered air or water will tend to "isolate" its heat, i.e. to neither pass it on to nor to accept it from adjacent air or water. We saw on pages 4 & 5 exactly how this happens. In the same way as in a car engine, ordering the air or water facilitates a rapid mixing and transmission of energy.

By "chipping" the air or water flow into the heating system one "infects" the room energy with order and the heat spreads itself rapidly and uniformly throughout the room.

This brings us then to the next point: The human body takes up or gives off heat via the water which is 70% - 80% of the body volume. Ordered air moisture from a "chipped" heating system will "infect" the human body with order and everything, including the immune system and relationship structures will work much better.

Because one gets much better heat distribution with a "chipped" system, one will usually feel comfortable with a lower heating setting which, automatically, burns less fuel. How long it takes for such savings to exceed the cost of a Harmony Chip is a matter for an individual household or office. There can be no meaningful general statistics. Each family is unique.

Chipping the heating system and the electrical supply brings much more important things than mere fuel cost saving. It will make you healthier, happier and, probably, more prosperous as well.

As with a car, the "side effects" are much more valuable than the savings in fuel costs.

If you wish further advice just drop me an email to karma@harmonyunited.com

Heated regards
Karma Singh, 16th July 2007.