

**MILLER**  
**WAR**  
**CHIP**

**DECLASSIFIED**

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**INFORMATIONAL GUIDE**

## What is the W.A.R. Chip?

W.A.R. Chip stands for "Write and Remap" and is a revolutionary performance chip for car up to and including 1995. It is the most powerful performance chip money can buy rendering traditional aftermarket chips obsolete. The W.A.R. Chip is not your average chip because it has multiple functions. It can have up to four reprogrammable & user controllable tunes loaded on it. It has a mini-USB port on the side of the circuit board so you can load different performance files from your laptop to your W.A.R. Chip. The Miller W.A.R. Chip even comes with software for your Windows™ based laptop to let you modify your tunes whenever you want!

## Say "Good-bye" to Traditional Chips!



If you are in the market for a performance chip, consider the W.A.R. Chip, as it will be the LAST performance chip you will ever buy! Traditional aftermarket chips can only run your car ONE way. You are limited with a generic performance tune and you HAVE to use the octane the chip is rated for.

The W.A.R. Chip defies tradition and gives you flexibility that is second to none. The W.A.R. Chip gives you total control of your tune! Your tune will be as unique as your car is. With a traditional aftermarket chip you have to use premium gas. This means on a long road trip you will be buying a lot of expensive gas but with the W.A.R. Chip, you don't have to! Save money on fuel with the Tune Command Module (TCM). This changes your tune to one suitable for a lower octane which is safe for your engine and saves you money! When you arrive at your destination you can change back to performance mode and start using premium fuel once again.

With four available tunes on command, you can run a variety of tunes like: Fuel Saving Mode, Performance Enhancing Mode, Valet Mode, Race Mode, etc. You can even create custom tunes for your car!

The W.A.R. Chip works for most 1995 and older models of BMW's, Porsche Audi and Volkswagen. The W.A.R. Chip is the last chip you will ever need because if you change your car, you can take the W.A.R. Chip with you! It's that easy! Simply visit our website to update your software and voilà! You now have a performance chip for your new car!

With the revolutionary W.A.R. Chip, traditional aftermarket chips will soon become obsolete! Don't get stuck with a generic tune. Buy the W.A.R. Chip to give yourself the flexibility you would never get with a traditional chip.

## How does it work?

Although the W.A.R. Chip is a complex device, it is VERY easy to use. The W.A.R. Chip replaces the factory EPROM chip in the ECU. Once you plug in the W.A.R. Chip, you install the TCM in your dash. This will allow you to choose between four possible tunes such as: Stock/fuel saver, Performance, Valet or Race.



The W.A.R. Chip also has an Anti-Theft device built into its' function. If you are looking to install an aftermarket Anti-Theft device in your car, or if you already have one, consider the W.A.R. Chip as your maximum security against theft. Here's how it works: once you have your aftermarket alarm system installed, all you have to do is follow our easy, step-by-step, Anti-Theft integration instructions and your car's ECU will be rendered inoperable after being armed!

The W.A.R. Chip alleviates the need to convert to stand-alone or to wire in messy piggy-back systems. Stand-alone systems are expensive and time consuming and some you even have to build yourself! Piggy backs are an alternative but their function is limited. The W.A.R. Chip will let you utilize your stock ECU which, when used correctly, can be far more powerful than any stand-alone or piggy-back system. BMW, for example, has always invested millions of dollars for research & development of their ECU's. The factory ECU is powerful if you can gain access to it; with the W.A.R. Chip, you can take advantage of the well-developed factory computer.

## Custom tune your own car!



This is great news for you and your car! It is expensive to custom tune your European car if you are not close to a well known tuner. It is time consuming and inefficient to remote tune your car with a traditional chip. The W.A.R. Chip dramatically saves you time, saves you money and gives YOU the power to tune YOUR car.

With the Miller W.A.R. Chip software for Windows™, the idea of a hard-programmed traditional performance chip is thrown out the window.

With the W.A.R. software the user has control over all four tunes. You can customize any of the four tunes loaded on your W.A.R. Chip. Depending on your ECU, you will have control of:

- Idle Fuel
- P/T Fuel
- WOT Fuel
- Idle Ignition
- P/T Ignition
- WOT Ignition
- Idle speed
- VANOS Control
- RPM Limit
- Speed Limit
- Oxygen Sensor adaptation
- Cranking fuel
- Cranking ignition

With our easy to understand layout, you can't go wrong. You will be able to see actual timing values in degrees, and with the simple press of a button you can download your new tune to the W.A.R. Chip on one of the four banks.

#### **I don't feel comfortable tuning, what can I do?**

If you are not comfortable tuning your own car, Miller Performance can work with you to help you remote tune your car easier than ever. You can request files by email and try them out instantly or you can go to your local dyno and have their tuner retune your car.

Even better, you can call Miller Performance to reserve a remote tuning time with one of our tuners while you go to your local dyno. The technician will then have you email your air fuel ratios after each run and we will modify your file and send it to you by email. This is MUCH FASTER than waiting up to a week each time to try the modifications. Now you can finish tuning your custom set-up in a matter of hours, not days!

Miller Performance also offers a W.A.R. Chip membership program that will allow registered W.A.R. Chip users to share tunes! That's right, share tunes! Do you have a tune that you programmed for a popular engine configuration? Share it online in the W.A.R. Chip database. You never know who you might be helping out!

**The W.A.R. has been waged. Take control of your car today!**

The W.A.R. Chip is revolutionary. It will help bring the performance community together, and it will help performance enthusiasts get the most “bang for their buck” out of all their performance upgrades. Never before has it been so easy to modify the tune of your car.

This is not a piggy-back! This is not a stand-alone! This is the W.A.R. Chip and it puts the power in YOUR hands and lets YOU control your engine with ease.