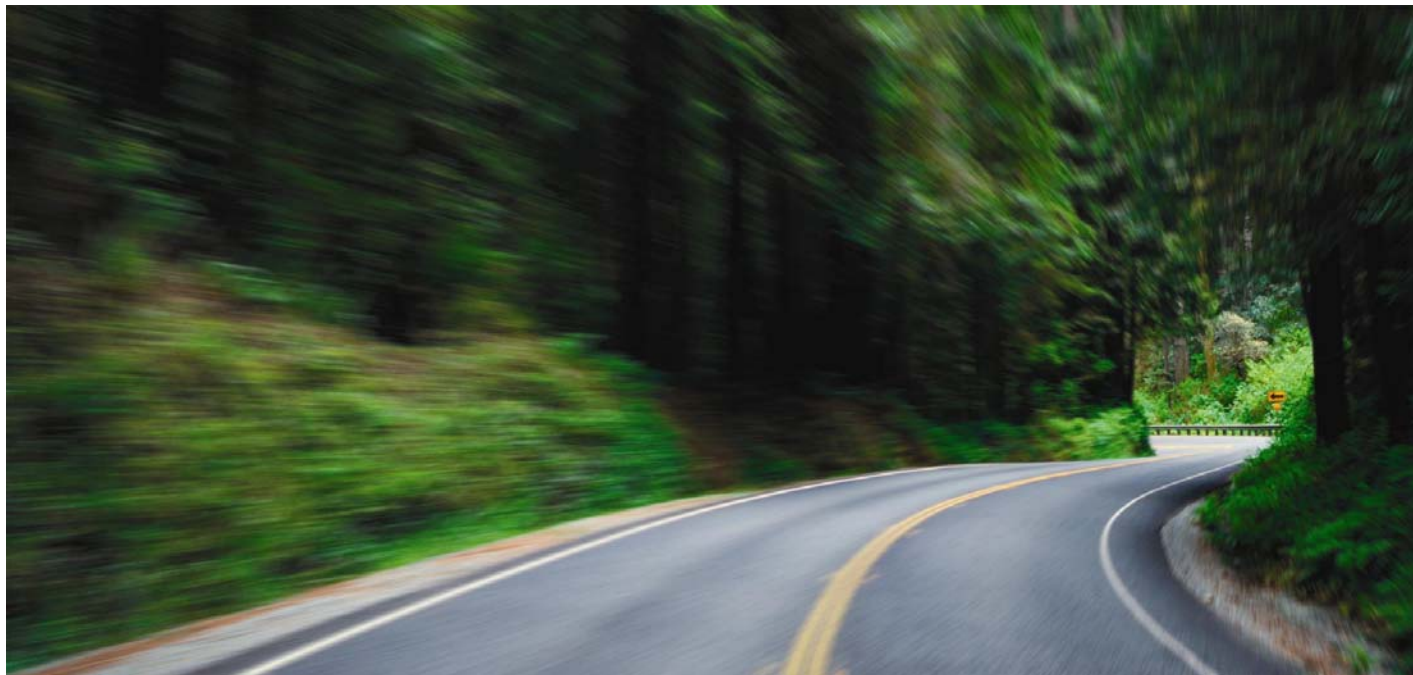


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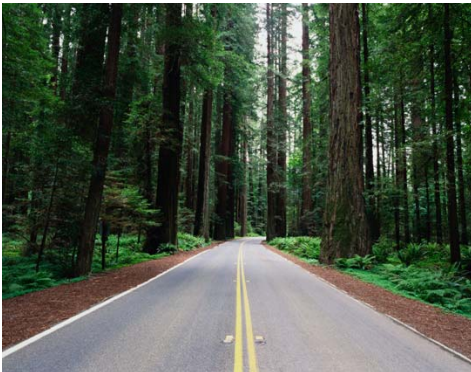
Digital Adrenaline For Your...
Mercedes-Benz C300 3.0



Powerchip technology enhances your Mercedes-Benz to its ultimate level, delivering faster, smoother acceleration in all driving conditions. Whether you enjoy a leisurely weekend cruise or a hard racetrack drive – there is no easier and more effective way to release the potential from your C300 3.0.

The following information is an overview of the performance the Powerchip will deliver. If you have any questions, your Power Consultant will assist you as best as possible. We look forward to giving you the best performance possible from your Mercedes-Benz.

| | |
|-----------------------|---------------|
| Make | Mercedes-Benz |
| Model | C300 3.0 |
| Engine | |
| Year | From Jan 08 |
| Powerchip Code | MER0386 |



Power

In standard form the Mercedes-Benz C300 3.0 produces 228 hp at the flywheel, and Powerchip improves the engine power to 246 hp.

| Power (hp) | | | |
|-------------------|---------------------------|----------------|----------------|
| Standard | Bronze/ Silver | Gold 91 | Gold 93 |
| 228 | N/A | 241 | 246 |

The extra performance achieved by the Powerchip allows your vehicle to respond much better than stock C300 3.0s. You will notice an effortless push back into the driver's seat, to give you a much more enjoyable and at times safer driving experience. The Powerchip will tap into your Mercedes-Benz's 'hidden reserves', to give you an immediately noticeable improvement from your vehicle – we guarantee it!

Torque

Torque is a measurement of your engines pulling power, and it's torque that pulls you up hills, allowing your engine a more linear and aggressive acceleration curve. With the Powerchip, you notice the increase in torque right throughout the rev range, which gives you far greater flexibility at low engine revolutions. Towing will become less demanding, and you will no longer feel the need to take the engine to the redline in each gear to get the performance you demand... It's always there for you, when you really need it most!

| Torque (lb.ft) | | | |
|----------------|-------------------|---------|---------|
| Standard | Bronze/ Silver | Gold 91 | Gold 93 |
| 221 | N/A | 234 | 238 |



Acceleration

Increased Power and Torque results in faster acceleration. And it is not just standing start acceleration that is improved, your in-gear acceleration is improved and faster.

If overtaking is important to you, you will feel safe knowing that you spend less time on the "wrong side of the road", improving the safety of your car, for you and your family or passengers.

Perhaps you feel that you need that extra bit of power when you are lined up at the "traffic light grand prix" against another car with similar (or more) power? If you want to have the unfair advantage that will give you more 'GO' away from the lights, you need a Powerchip performance software upgrade for your C300 3.0.

Fitting Details

Your car utilizes a Surface Mount Chip (SMT) – a very sophisticated and powerful memory device which is fitted to many late model (post 1996) vehicles. Because of its complexity, the SMT style chip must be 'flash' programmed in the same way as the dealership (don't worry - we do this for you when we receive your ECU), similarly to when servicing the vehicle. The ECU itself is very easy to remove, and should be sent overnight to be modified at Powerchip and then return overnight to you (we use FedEx Priority Overnight Service). Detailed instructions (including photos) are also provided to ensure the ECU can be removed easily from the vehicle. Once complete, and re-installed into the vehicle, you are back on the road to enjoy your enhanced performance – as soon as possible.

Speed Limit

Your vehicle uses a factory speed governor that prevents the vehicle from reaching any speed above the preset factory limit. The speed limiter is a set of digital instructions that measures the vehicle speed and limits acceleration at a certain speed. By adjusting the values in the ECU, and raising the speed limiter to operate above the natural top speed of the car (according to engine power Vs vehicle air coefficient). This allows the vehicle to attain its natural top speed without hitting a preset limit. This feature is safe for use on the racetrack; however, Powerchip holds no responsibility for vehicles driven irresponsibly. Powerchip recommends adherence to all local road laws including speed limits. Furthermore the tyres on your vehicle must be suitable for sustained high speeds (i.e. W, Y or Z rated).



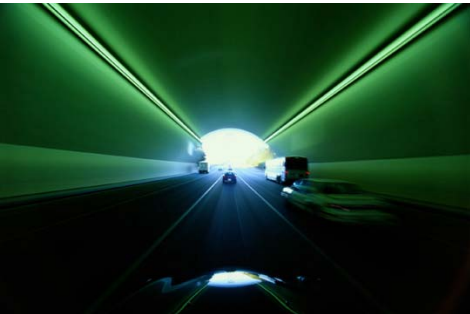
Driveability

Beyond the impressive torque and power gains on full throttle, many hours were spent refining the part throttle timing maps for maximum throttle response and driveability. Both the full throttle and part throttle maps are changed for improved driveability in day-to-day driving.

In other words, you don't need to be on the racetrack to notice the Powerchip performance improvement.

Manufacturers Tolerances

Mercedes-Benz unfortunately leaves large tolerances in the performance characteristics of its entire fleet to allow for drivers that are negligent on maintenance, and who are non-enthusiasts. The C300 3.0 is 'de-tuned' to be able to run on the poorest grade of fuel that the car is likely to encounter anywhere in the world, and also to allow for the small percentage of owners who put their cars reliability to the test due to their lack of mechanical understanding. In most cases, our clients are enthusiasts who place more emphasis on the performance characteristics of their vehicle, and therefore the Powerchip does not need to be programmed as conservatively as the stock software.



Modified Spark Advance

In the old days the ignition distributor controlled the engine spark timing. Changes to the position in the distributor will result in changed ignition settings, and is a good method of 'tune-up' for older vehicles. Modern engine ignition is controlled by a series of tables or maps. These maps give the engine any instructions required to operate, under ALL load and rev per minute access points.

Similar to the old systems, advancing the point of ignition within a cylinder results in increased horsepower and torque. It is important not to advance the timing beyond the capabilities of the fuel used, or else detonation can occur. Peak horsepower is achieved when ignition timing is set as close to the point of detonation as possible, without exceeding it. This is the primary purpose for asking the octane rating each client uses most frequently, so that the software is set to the correct level of ignition advance for the fuel used.

The end result of ignition advance changes is increased horsepower and torque, resulting in better acceleration and various other driving benefits.



49 State Emissions Legal

The Powerchip complies with U.S. EPA Memorandum 1A, or it has not been found nor is believed to be unlawful for use under the provisions of the Clean Air Act. Currently, Powerchip is not legal in California for vehicles that may be used on a highway. Powerchip is currently undergoing testing for certification under the Californian Air Resources Board (CARB) exemption process.

Our Satisfaction Guarantee

Every Powerchip sold in North America comes with an unconditional 14-day money back guarantee. This ensures that the Powerchip will live up to your expectations, not ours! If for any reason you are unsatisfied with the Powerchip, you may return the Powerchip to your place of purchase for a full refund of the purchase price (not including shipping and handling, installation and removal etc.).

Our satisfaction guarantee offers you total peace of mind, and makes the purchase of the Powerchip risk free. By purchasing a Powerchip you have nothing to lose – and everything to gain!

Octane ratings

The Powerchip is designed to get the best from your engine, and to do this you must use a high performance fuel (91 Octane minimum). It is not possible to improve the performance on late model fuel injected vehicles using poor quality fuels, such as 87 or 89 octane. When ordering your Powerchip upgrade, your Power Consultant will ask you for the octane rating you would like your program to run.

Powerchip Gold 91 is designed to run on fuel with an octane rating of either 91 or 92. Powerchip Gold 93 is designed to run on fuel with an octane rating of 93 or higher. We highly recommend that you use the highest-octane fuel available to you, such as 92, 93 or 94 octane if a higher than 91-octane fuel is available.



Warranty

All Gold 93 Powerchips come with a three year, unlimited mile warranty, which means that if anything occurs with the Powerchip in that time, we will replace it without charge to you. An optional extended Powerchip warranty is also available at an additional \$90 at the time of ordering. This extends the warranty period on any Power chip to six years.

The terms and conditions of the Powerchip warranties can be viewed in detail on our web site at

<http://www.powerchipgroup.com/products/warranty.asp>



To briefly summarize the information: if your car is covered by a new or dealer warranty, the dealer may not 'void' a warranty simply because you have fitted an aftermarket product. SEMA, the automotive aftermarket industry body in North America has made the following statements regarding aftermarket products such as performance chips...

"The vehicle manufacturer is not allowed to void the vehicle warranty just because aftermarket equipment is installed on the vehicle..."

"...In cases where such a failed aftermarket part is responsible for a warranty claim, the (vehicle) manufacturer must arrange a settlement with the part manufacturer, but the new vehicle warrant is not void under the law."

"If the failure to honor a claim involves the new-vehicle warranty, and it appears that the (vehicle) manufacturer is improperly denying a claim, the incident should be reported to the Federal Trade Commission (FTC)."

The fitment of the Powerchip will not have a detrimental effect on your vehicle performance or engine longevity, and therefore does not interfere with the manufacturers warranty in any way.

Value for a Lifetime

The investment you make in the Powerchip will last for as long as you keep your car, and for most of our customers, that is normally for 3 or 4 years. So when you consider the benefits of the chip over a number of years, it is not a lot to pay for extra performance you will probably use nearly every day. As a percentage of the total cost of your car, the Powerchip works out to be very cost effective.

Cost Effectiveness

As we all know, modifying late model vehicles is not a cheap exercise, however, when you look at it on a hp per dollar basis, the Powerchip comes in ahead of any other modification you could make to your Mercedes-Benz. Have a look at just how well the Powerchip stacks up:

| | |
|-----------------|---------|
| Price | \$690 |
| hp Gain | 18 hp |
| Price/hp | \$38.33 |

The Powerchip is designed to offer excellent value for money compared with other modifications you might be planning in the future.

| COST USD(\$) (not including shipping/handling) | | | |
|---|---------------|----------------|----------------|
| Bronze | Silver | Gold 91 | Gold 93 |
| N/A | N/A | \$690 | \$690 |

Ask the Experts

Your Powerchip Power Consultant is trained to provide you with the best information about getting more performance for your car. We have a specific Power Consultant who is responsible for the Mercedes-Benz range, and he is an expert at answering all of your technical questions, especially about the C300 3.0. If you would like to speak with your Power Consultant about any aspect of the upgrade, please telephone Toll Free North American headquarters in California on 1800-495 0777 or email your Mercedes-Benz Power Consultant directly at tcattach@powerchipgroup.com

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