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**CJ Pony Parts**

**Creating Top Sports Car Performance With A V6 Mustang (Modification Guide)**

Not everyone wants or needs a [V8 Mustang sports car](https://www.cjponyparts.com/). Let's face it, gas mileage and insurance alone can kill you in the pocketbook. But if you still want a well-performing sports car without the big engine and big price tag to match, Ford has an option for you. Although V6 American made sports cars are usually viewed as underperforming cars, the capabilities of the new 2017 V6 Mustang and its aftermarket upgrading potential may have you rethinking that old school idealism.

## 2017 ***V6 Mustang***: An All-Around Great Buy

The 2017 V6 Mustang is a fun-to-drive sports car that won't leave you broke when you lease or buy one. With sticker prices starting around $27,000, the V6 Mustang is a perfect car for someone looking to save at the gas pump while enjoying what feels like V8 horsepower.

In the past, Mustang V6 or I4 models were considered unworthy of any power upgrades. But today’s technology has greatly broadened your choices of upgrades for not only the bigger V8s but also for the smaller V6 and I4 Ecoboost engines.

The automotive industry and aftermarket parts industry are successfully giving V6 and I4 owners the opportunity to upgrade their purchases so they can have just as much fun as an owner of a V8. And why not? With the right Mustang V6 mods, any Mustang owner can turn their V6 into a V8 killer.

## 2017 ***V6 Mustang in Stock Form***

Before any Mustang V6 mods are installed, you’ll be driving a car that produces 300-hp and 280-lb-ft of torque. All this power comes from a 3.7-Liter Dual Overhead Cam (DOHC) engine with Variable Valve Timing. The engine is mated up to either a standard six-speed manual transmission or an optional SelectShift six-speed automatic transmission with paddle shifting abilities. To get that power off the line quickly, your Mustang will have a 3.55 gear ratio that is bolted into a limited-slip rear axle.

Ford gives all of the 2017 Mustang models front double-ball-joint MacPherson struts with a stabilizer bar. New in the rear-end this year is an integral-link independent rear suspension with coil springs and a stabilizer bar. This gives the Mustang a more comfortable ride than in previous years, also better launch control, braking, traction, and cornering abilities.

You get all these goodies while still getting an EPA-Est. mpg 18 city/27 hwy.

## ***V6 Mustang Modification Guide***

There's more than enough power in a stock V6 Mustang, but if you want more, aftermarket Ford parts dealers like [CJ Pony Parts](http://www.cjponyparts.com/) can help you squeeze even more power out of your little hot rod.

## ***Exhaust System***

An aftermarket exhaust system is a great place to start for any vehicle. An exhaust system will not only make your Mustang sound a lot better, but it will also help you get more horsepower and better gas mileage. Most stock exhaust systems are designed for sound and pollution control, and since they’re engineered that way they don’t allow the engine to really perform at its maximum potential.

If you're looking for an exhaust system that can help you combat manufacturer regulations and give you a better sound and more power, you need to seek aftermarket help. CJ Pony Parts offers [exhaust systems](http://www.cjponyparts.com/2015-mustang-exhaust/c/80070000/) such as a Borla cat-back 2-1/2-inch exhaust upgrade that will really help open up your exhaust system to create better flow and sound. We even offer exhaust headers that are a direct replacement for your stock exhaust manifolds. These headers installed with a cat-back upgrade would give you a complete aftermarket exhaust system that will add a major sound enhancement and a change in positive performance that you will feel.

## ***Cold Air Intake***

Another place that always suffers from suffocation at the hands of the engineers is the flow of the air intake system. Most stock airflow systems have small breathing intake housings. The air filter itself is restricted and is sometimes boxed in making it very hard for an engine to breathe. As you may know, air is one of the most important things an engine needs to create power. If you can free up the airflow to your engine, you can free up horsepower and engine responsiveness.

Not taking this V6 Mustang modification seriously makes the engine work too hard for the air that it needs and could prevent other horsepower upgrades you have installed from performing at their peak potential. The best reason to do this upgrade is that it’s affordable and it’s also one of the easiest parts to install on any vehicle.

## ***Throttle Body***

A throttle body is another very important Mustang V6 part you can upgrade if you’re looking for more power. If you’re going to add a cold air intake, a bigger throttle body is essential because it controls how much air is going into the intake and into the fuel-air mixture. If you have a bigger one of these installed, you will notice an amazing increase in throttle responsiveness.

Here at CJ Pony Parts, we offer a [73mm Power Plus throttle body](http://www.cjponyparts.com/bbk-throttle-body-power-plus-73mm-v6-2011-2014/p/TB113/) from the well-respected BBK corporation. It's designed to work with all of your stock OEM parts and computers. This throttle body upgrade also features a 356 aluminum casting and is machined to perfectly fit Ford specification. Depending on other upgrades you have installed, you could see an increase of 8-12 horsepower.

We also offer an [Airaid PowerAid throttle body spacer](http://www.cjponyparts.com/airaid-poweraid-throttle-body-spacer-v6-2011-2013/p/TBS28/) that works seamlessly with the stock or a BBK throttle body. This spacer uses a “Helix Bore” to create a spinning action in the airflow as it paces through the throttle body giving you a better throttle response from 800 to 2500 RPMs where V6 Mustangs are notoriously sluggish.

## ***SCT X4 Power Flash Computer Programmer***

A computer programmer is one of the most valuable tools a car enthusiast can have, especially if upgrades are going to be done to a vehicle. Your 2017 V6 Mustang will come with a computer that is tuned to perform at a high level, but definitely not at its peak level.

When you start adding V6 Mustang mods, your stock computer won't know that you added them and that could hurt the performance of those add-ons. An [SCT X4 Power Flash Computer Programmer](http://www.cjponyparts.com/sct-x4-power-flash-programmer-2015/p/XCAL415/) will fix that problem. You can use the programmer to delete speed limiters, adjust shift points, change for stronger shifts (automatic only), adjust fuel/air mixture, adjust for better gas mileage, adjust the cooling fan, change the computer for gear ratio or tire change, and much, much more.

There's no limit to the fun you can have with your V6 Mustang when you learn how to use an SCT X4 Power Flash Computer Programmer. These programmers come equipped with features that can help amateurs and experienced car enthusiasts get the best tune possible out of their Mustang. Pre-tuned settings will help those who aren't sure of their tuning skills and don't want to mess anything up. They also allow you to backup factory settings, which can be stored and recalled at any time for any reason. You can even use the programmer to detune your Mustang if someone like your teenager is going to have access to the car.

## ***Suspension Upgrades***

Suspension upgrades may not add any extra horsepower to your V6 Mustang, but they are crucial to helping it look better and handle better. If you go with a [set of aftermarket Eibach springs](http://www.cjponyparts.com/eibach-spring-sportline-set-2015/p/EBS28/), you will notice the lower, aggressive look that a lot of car enthusiasts admire. Even a simple one-inch drop can drastically change the way the whole car looks.

A lowered car gives you a lower center of gravity, which will help you while hitting corners at higher speeds. You will also notice less squat in the rear-end when accelerating hard from a dead stop. This can help with traction and provide improved 0-60 times and quarter-mile times.

When stopping hard with stock springs, you will experience a hard nosedive. A spring upgrade will help you avoid that nosedive and give you more control during that stop. Eibach springs come with a powder-coated red finish with three different adjustable positions.

For a much more complete performance upgrade, pairing a set of aftermarket springs with an [aftermarket sway bar](http://www.cjponyparts.com/eibach-anti-roll-kit-35mm-front-25mm-rear-2015/p/ARK9/) is a great choice. Sways bars will help keep the vehicle’s handling tighter while helping prevent body roll. The Eibach Corporation also manufactures these parts and they can be purchased right here at our [CJ Pony Parts website](http://www.cjponyparts.com/).

## Wheels and Tires

Wheels and tires are like suspension components, they don't add power but they can help control the power while adding to the good-looks of your Mustang.

If you only have a set of stock tires, you may have a hard time keeping control of your upgraded V6 Mustang. Getting traction through hard acceleration, keeping control through hard braking, and hitting corners with precision will be a lot easier and safer with the right set of tires.

The tires that come on the stock V6 Mustang are good for average driving duties, but if you're going to put them to the test or push them to the limit, they probably won't hold up for very long. CJ Pony Parts can help you find a set of tires that are designed for the driving and racing you want to do. Our friendly and educated staff will help you determine which set of tires best fits your needs so you can be safe while performing at an optimal level. Without proper tires, pushing your Mustang beyond the limit of what a stock setup is designed for can be dangerous to you, your passengers, other drivers, and bystanders.

We can also help you find the right set of rims for your Mustang. Many factors go into buying the right set. Style, size, color, and more should all be considered when purchasing a set of wheels considering the huge part it will play in the appearance and stance of your Mustang.

## ***Build Your V6 to Run Like a V8***

Just because you own a V6 Mustang doesn't mean you should feel underpowered. The technology is out there it just needs to be tapped into.

At CJ Pony Parts, we believe in giving you the most updated parts selection the aftermarket parts industry has to offer. [Contact us](http://www.cjponyparts.com/contact-us/a/17/) and let us be your V6 Mustang modification go-to-guys. We take every customer as seriously as the next. Whether you’re buying a set of floor mats or you’re looking to make a significant Mustang overhaul, we're here to help.  
  
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If you're looking for something more, call our experienced customer service staff toll-free at 1-800-888-6473 or local at (717) 657-9252 – we’re here to answer any and all questions.