

## S&S DIESEL MOTORSPORT: GEN2 6.7L POWER STROKE CP4 BYPASS KITS



**April 15<sup>th</sup>, 2021 - Brownstown, IN** – S&S Diesel Motorsport, the creator of the original CP4 bypass kit for the 6.7 Power Stroke, is at it again with a much-improved second generation kit. Since its debut in 2016, the original S&S 6.7L Power Stroke CP4 Bypass Kit has safeguarded thousands of injectors from CP4 debris. In fact, it works so well that it has been copied by multiple opportunists within the aftermarket. Being a company founded by fuel system engineers, S&S Diesel Motorsport has the ability, and responsibility, to offer the best solutions to fuel system problems. While the

original bypass kit offers really good protection from a CP4 failure, the last four years have given the S&S engineers plenty of time to discover and eliminate potential problems.

The S&S Diesel Motorsport Gen2 6.7L Power Stroke CP4 Bypass Kit features all quick connect lines that will eliminate the need for cutting the factory supply line, which is a debris introduction point, especially if the cut is not thoroughly deburred. It also eliminates the need to use a compression fitting, which is a potential leak point. The OE-style quick connect lines also eliminate any threaded joints that are further leak points and have the potential of generating debris during install.

The main task of both kits is to supply the CP4 case and the metering unit/plungers independently with clean, filtered fuel, and to reroute case fuel back to the tank. There are two major improvements in how the Gen2 kit accomplishes it. The Gen2 fuel supply is split off into two separate lines 25 inches from the CP4, which will eliminate the chance of contaminated case fuel back-feeding into the clean fuel supply line. The original bypass kit splits off within an inch of the pump, and is more susceptible to debris back-feeding, if the CP4 failure produces enough debris to clog the fuel return system. The other improvement is what happens to the debris when it exits the pump case. The Gen2 kit features a replaceable 2-micron filter (**#6130120**) with a clear view bowl that prevents debris from reaching the tank, fuel lines, and supply pump. It can be visually inspected at a glance for debris, which will give notice to a failed pump. Previously, unfortunate victims of a CP4 failure, with the good fortune of having an original bypass kit installed, would still need to drop the tank and deal with all of the debris created by the failed CP4.

One would think that major improvements would come at a major price increase. Having a clear understanding of common rail diesel fuel systems, and decades of OE engineering experience, enabled the engineers at S&S to make improvements without increasing production costs. Thanks to efficient design and use of material, the **S&S Diesel Motorsport Gen2 6.7L Power Stroke CP4 Bypass Kit** delivers much more value than the original, for an affordable price of **\$400.00 USD**.

For those looking to improve the debris management of their first-generation bypass kit, the **S&S Fuel Return Filter Assembly (#6130100)** can be purchased separately for **\$160.00 USD**.

The S&S Gen2 Bypass Kits are compatible with **2011-'19 (#7031190)** and **2020+ (#7032020)** Ford Super Duty pickup trucks with the 6.7L Power Stroke diesel engine option. Visit [SSdiesel.com/dealers](http://SSdiesel.com/dealers) to connect with a helpful S&S Dealer to place an order.

### About S&S Diesel Motorsport:

S&S Diesel Motorsport is the world leader in high-performance common-rail diesel injection and vehicle controls. Drawing on many years of OE diesel injection and engine development experience, S&S Diesel Motorsport creates innovative products for top-level competition and CARB-complaint street use. S&S products are made with the industry's best components, tested on the world's best equipment, by the world's best people. Whether it's in-house dyno testing, real-world high performance, or on-road durability solutions; S&S Diesel Motorsport fuel systems are on another level! For more information, visit online at [SSdiesel.com](http://SSdiesel.com) and "like" S&S Diesel Motorsport on Facebook at [facebook.com/SSfueled](https://facebook.com/SSfueled) and follow on Instagram at [@SSfueled](https://instagram.com/SSfueled).

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