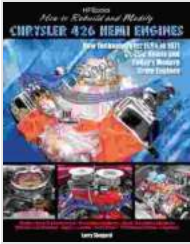


# New Technology for 1964-1971 Classic Hemi and Today's Modern Crate Engines



## How to Rebuild and Modify Chrysler 426 Hemi Engines HP1525: New Technology For 1964 to 1971 Classic Hemi and Today's Modern Crate Engines

by Larry Shepard

★★★★☆ 4.6 out of 5

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For enthusiasts of classic cars, the allure of the legendary Hemi engine is undeniable. Introduced in 1964, these iconic engines have powered countless performance vehicles, from muscle cars to drag racers. Today, with the advent of modern technology, classic Hemis and crate engines can be revitalized, unlocking unprecedented levels of performance and reliability.

### **Fuel Injection: A Boost in Power and Efficiency**

One of the most significant upgrades available for classic Hemi is the addition of fuel injection. Unlike traditional carburetors, fuel injection systems deliver a precise amount of fuel directly into the engine's cylinders.

This results in improved fuel economy, increased power output, and reduced emissions.

For 1964-1971 Hemis, a variety of aftermarket fuel injection systems are available, providing options for both single- and multi-point injection. By precisely controlling the fuel-to-air ratio, these systems optimize combustion, resulting in improved throttle response, smoother power delivery, and reduced detonation.

### **Electronic Ignition: Enhanced Reliability and Performance**

Another key upgrade for classic Hemis is electronic ignition. Replacing the traditional points and condenser, electronic ignition systems utilize a magnetic pickup and an electronic control module to trigger the ignition spark. This eliminates the need for regular adjustments, reduces maintenance costs, and enhances reliability.

Electronic ignition systems also provide a hotter spark, which improves ignition efficiency. This results in easier starting, smoother idling, and increased power output, especially at high RPMs.

### **Modern Crate Engines: Powerhouse Options with Contemporary Technology**

For those seeking a more modern powerplant, crate engines offer a turnkey solution. These complete engines are built to modern specifications, incorporating the latest advancements in engineering and materials.

Crate engines designed specifically for classic Hemis are available, delivering exceptional performance and reliability. These engines feature modern combustion chamber designs, high-flow cylinder heads, and

advanced lubrication systems. They can be equipped with fuel injection, electronic ignition, and other cutting-edge technologies, providing a complete package for upgrading the performance of your classic.

## **Benefits of Upgrading with Modern Technology**

Upgrading classic Hemis and modern crate engines with modern technology offers numerous advantages:

- **Increased Power and Torque:** Fuel injection and electronic ignition systems enhance combustion efficiency, resulting in significant gains in horsepower and torque.
- **Improved Fuel Economy:** Fuel injection systems precisely control fuel delivery, reducing fuel consumption and improving range.
- **Enhanced Reliability:** Electronic ignition systems eliminate ignition problems, while modern crate engines are built to rigorous standards, ensuring durability.
- **Reduced Maintenance Costs:** Electronic ignition eliminates the need for regular adjustments, while modern crate engines require less maintenance than their classic counterparts.
- **Improved Emissions:** Fuel injection systems optimize combustion, reducing harmful exhaust emissions.

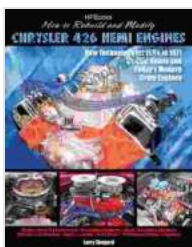
## **Considerations for Upgrading**

While upgrading with modern technology offers significant benefits, there are certain considerations to keep in mind:

- **Compatibility:** Ensure that the chosen upgrades are compatible with your classic Hemi or crate engine.
- **Cost:** Upgrading with modern technology can be expensive, so it's crucial to weigh the costs and benefits.
- **Installation Complexity:** Upgrading may require specialized knowledge and tools. Consult with a qualified mechanic for proper installation.

The integration of modern technology into classic Hemis and today's modern crate engines offers a transformative opportunity to enhance performance, reliability, and efficiency. From fuel injection to electronic ignition, these upgrades unlock the potential of these iconic engines, allowing enthusiasts to experience the thrill of classic muscle with the benefits of contemporary technology.

Whether you are a seasoned mechanic or a passionate car enthusiast, embracing the latest advancements can revolutionize your classic Hemi or crate engine, unlocking a new era of performance and driving enjoyment.



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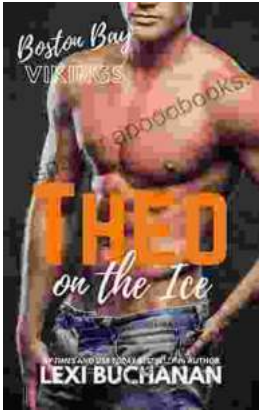
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