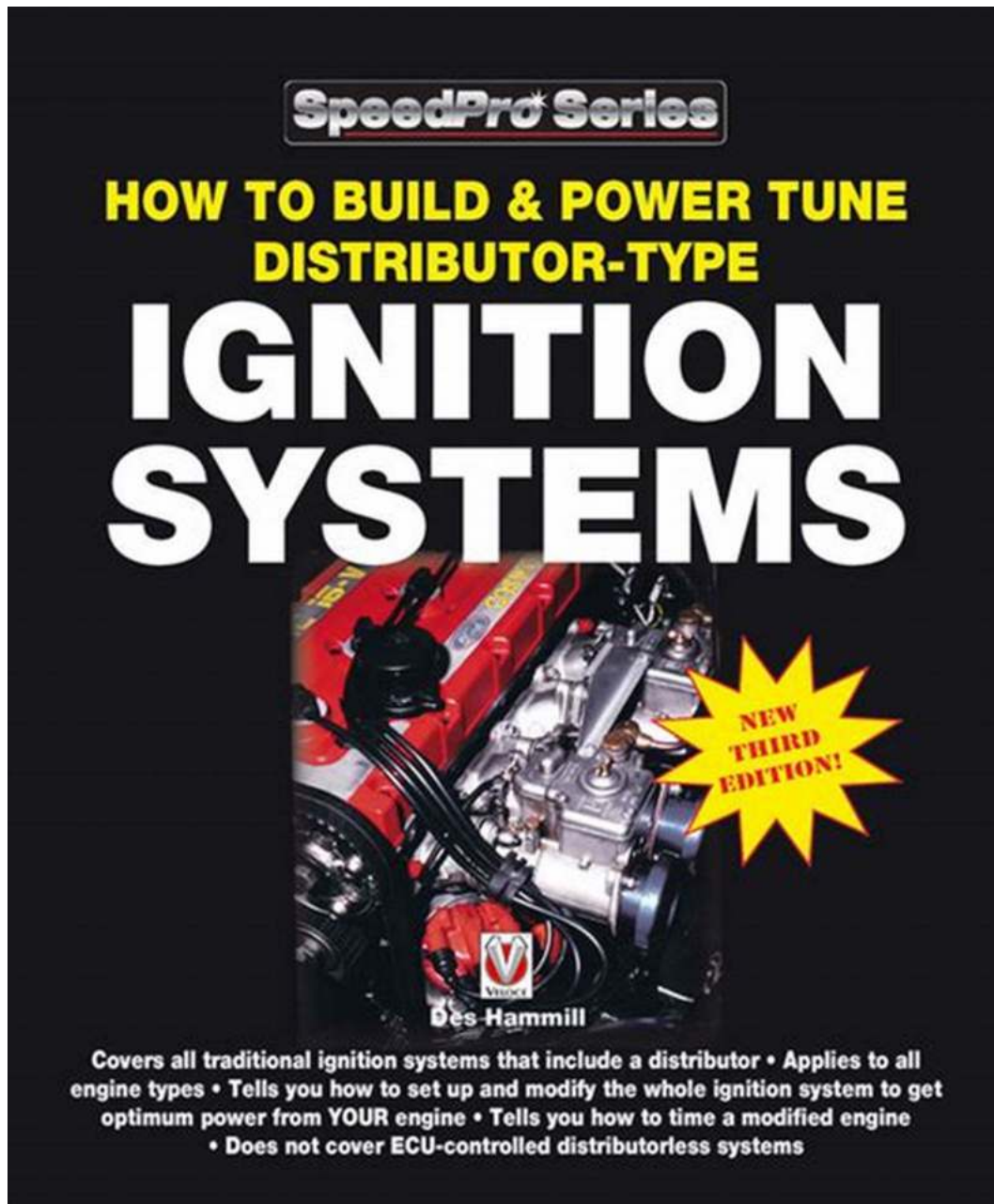


How To Build Power Tune Distributor Type Ignition Systems Speedpro Series

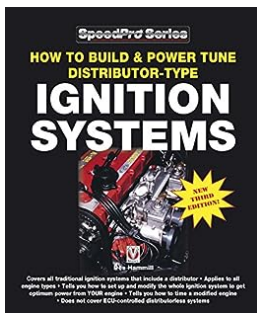


In the world of high-performance engines, the ignition system plays a critical role in extracting every ounce of power from the combustion process. Distributor type ignition systems have been a popular choice due to their simplicity, reliability, and ability to deliver consistent results. In this guide, we will dive deep into the

process of building power tune distributor type ignition systems in the renowned Speedpro series.

Understanding the Basics

Before we jump into the detailed assembly and tuning steps, it's essential to have a solid understanding of the basic components that form a power tune distributor type ignition system. The key elements include:



How to Build & Power Tune Distributor-type Ignition Systems (SpeedPro series)

by Des Hammill (Kindle Edition)

★★★★☆ 4.1 out of 5

Language : English

File size : 14812 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 180 pages



1. Distributor Cap and Rotor: These components work together to distribute high-voltage power to each spark plug in a specific firing order.
2. Ignition Coil: Converts low voltage from the battery into high voltage needed for the spark plugs.
3. Ignition Module: Controls the ignition timing and ensures precise firing of the spark plugs.
4. Spark Plugs and Wires: Responsible for igniting the air-fuel mixture in the combustion chamber.

Gathering the Right Parts

Building a power tune distributor type ignition system requires specific parts that are designed to withstand high-performance demands. You will need to ensure that you have the following components:

- High-performance distributor cap and rotor.
- Performance ignition coil capable of delivering a higher voltage.
- Advanced ignition module with adjustable timing capabilities.
- High-quality spark plugs and wires suitable for your engine's performance level.

Step-by-Step Assembly Guide

Now that we have the necessary knowledge and components, let's dive into the step-by-step process of assembling a power tune distributor type ignition system:

Step 1: Remove the Old Ignition System

Begin by disconnecting the battery's negative terminal to ensure safety. Carefully remove the old distributor cap, rotor, ignition coil, and spark plug wires. Take note of their positions for easy installation later.

Step 2: Install the High-Performance Distributor Cap and Rotor

Attach the new high-performance distributor cap and rotor to the distributor housing, ensuring a snug fit. Take your time to align the rotor accurately with the distributor shaft.

Step 3: Mount the Performance Ignition Coil

Securely mount the performance ignition coil in a suitable location within the engine bay. Connect the primary and secondary wires to the respective terminals on the coil.

Step 4: Connect the Ignition Module

Install the advanced ignition module, ensuring the correct alignment. Connect the necessary wires, making sure to follow the wiring diagram provided by the manufacturer.

Step 5: Install Spark Plug Wires and Plugs

Attach the new spark plug wires to the distributor cap and attach them to the corresponding spark plugs. Remember to install the appropriate spark plugs suitable for high-performance applications.

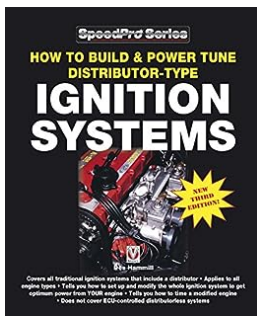
Tuning for Optimal Performance

With the power tune distributor type ignition system fully assembled, it's time to fine-tune it for optimal performance:

1. Set the initial timing by rotating the distributor until you reach the desired base timing. Consult your engine's specifications for the recommended timing values.
2. Adjust the advance curve to optimize the engine's power and torque delivery. This can be done by modifying the ignition module or using an external adjustable module.
3. Confirm the spark plug gap is within the recommended range for your specific application.
4. Perform a thorough inspection of all wiring connections to ensure they are secure and free from any signs of wear or damage.

5. Double-check the firing order and ensure that all spark plug wires are correctly connected to the distributor cap and spark plugs.

Building a power tune distributor type ignition system in the Speedpro series may seem like a daunting task, but with the right knowledge and components, it becomes a rewarding experience. By following the step-by-step guide and properly tuning the system, you can unleash the true power potential of your high-performance engine, resulting in improved throttle response, increased horsepower, and a thrilling driving experience.



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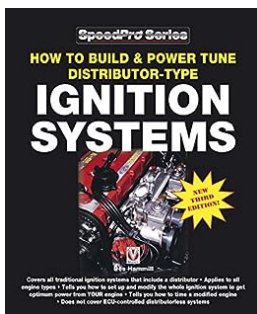
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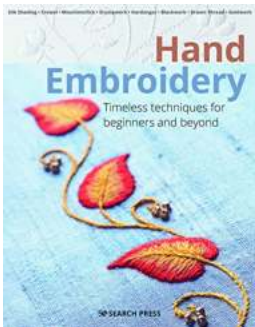
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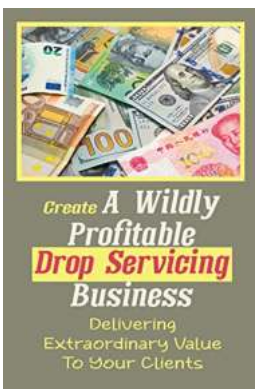
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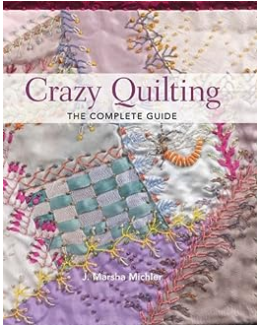
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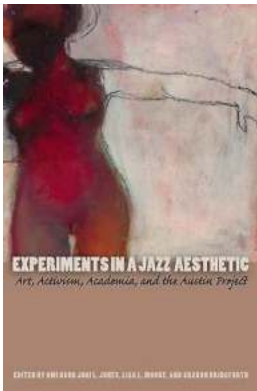
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