



Performance Fuel Injection Systems HP1557: How to Design, Build, Modify, and Tune EFI and ECU Systems. Covers Components, Sensors, Fuel and Ignition Requirements, ... Tuning the Stock ECU, Piggyback and Standalone

By Matt Cramer, Jerry Hoffmann

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A practical guide to modifying and tuning modern electronic fuel injection (EFI) systems, including engine control units (ECUs). The book starts out with plenty of foundational topics on wiring, fuel systems, sensors, different types of ignition systems, and other topics to help ensure the reader understands how EFI Systems work. Next the book builds on that foundation, helping the reader to understand the different options available: Re-tuning factory ECUs, add on piggyback computers, or all out standalone engine management systems. Next Matt and Jerry help the reader to understand how to configure a Standalone EMS, get the engine started, prep for tuning, and tune the engine for maximum power and drivability. Also covered is advice on tuning other functions-- acceleration enrichments, closed loop fuel correction, and more. Finally, the book ends with a number of case studies highlighting different vehicles and the EMS solutions that were chosen for each, helping to bring it all together with a heavy emphasis on how you can practically approach your projects and make them successful!

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Editorial Review

Review

Awarded the 2010 International Automotive Media Awards Bronze Medal for best written Technical Reference Book (2nd place award, there was no silver in 2010)

-2010 IAMA Awards

"We've all heard that an educated consumer is a better customer. It would seem that authors Jerry Hoffmann and Matt Cramer of DIYAutoTune are firm believers in this axiom. Their new book, "Performance Fuel Injection Systems, " expertly walks readers through the processes and pitfalls of working with aftermarket fuel-injection systems. Despite their MegaSquirt-heavy business model at DIYAutoTune, the authors deliver an even-handed look at all of the players in the market. While this book is a must-read for beginners, we're keeping it on our shelf to use as a reference for future conversions."

-"Grassroots Motorsports" Magazine, reviewed by Per Schroeder, November 2010

Five Stars *****

About the Author

Matt Cramer is the chief technical engineer and programmer for DIYAutoTune. **Jerry Hoffmann** is the founder of DIYAutoTune.com. They live in Georgia.

Users Review

From reader reviews:

Charles Anthony:

People live in this new day time of lifestyle always try to and must have the time or they will get wide range of stress from both way of life and work. So , whenever we ask do people have free time, we will say absolutely yes. People is human not just a robot. Then we request again, what kind of activity do you possess when the spare time coming to anyone of course your answer will probably unlimited right. Then ever try this one, reading guides. It can be your alternative inside spending your spare time, the actual book you have read will be Performance Fuel Injection Systems HP1557: How to Design, Build, Modify, and Tune EFI and ECU Systems.Covers Components, Sensors, Fuel and Ignition Requirements, ... Tuning the Stock ECU, Piggyback and Stan.

Lizzie Chandler:

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James Smith:

This Performance Fuel Injection Systems HP1557: How to Design, Build, Modify, and Tune EFI and ECU Systems.Covers Components, Se nsors, Fuel and Ignition Requirements, ... Tuning the Stock ECU, Piggyback and Stan is great guide for you because the content that is certainly full of information for you who also always deal with world and get to make decision every minute. This book reveal it info accurately using great coordinate word or we can say no rambling sentences inside it. So if you are read this hurriedly you can have whole details in it. Doesn't mean it only provides straight forward sentences but tough core information with attractive delivering sentences. Having Performance Fuel Injection Systems HP1557: How to Design, Build, Modify, and Tune EFI and ECU Systems.Covers Components, Se nsors, Fuel and Ignition Requirements, ... Tuning the Stock ECU, Piggyback and Stan in your hand like getting the world in your arm, information in it is not ridiculous 1. We can say that no publication that offer you world in ten or fifteen moment right but this book already do that. So , this can be good reading book. Hey Mr. and Mrs. busy do you still doubt in which?

Ann Yoho:

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