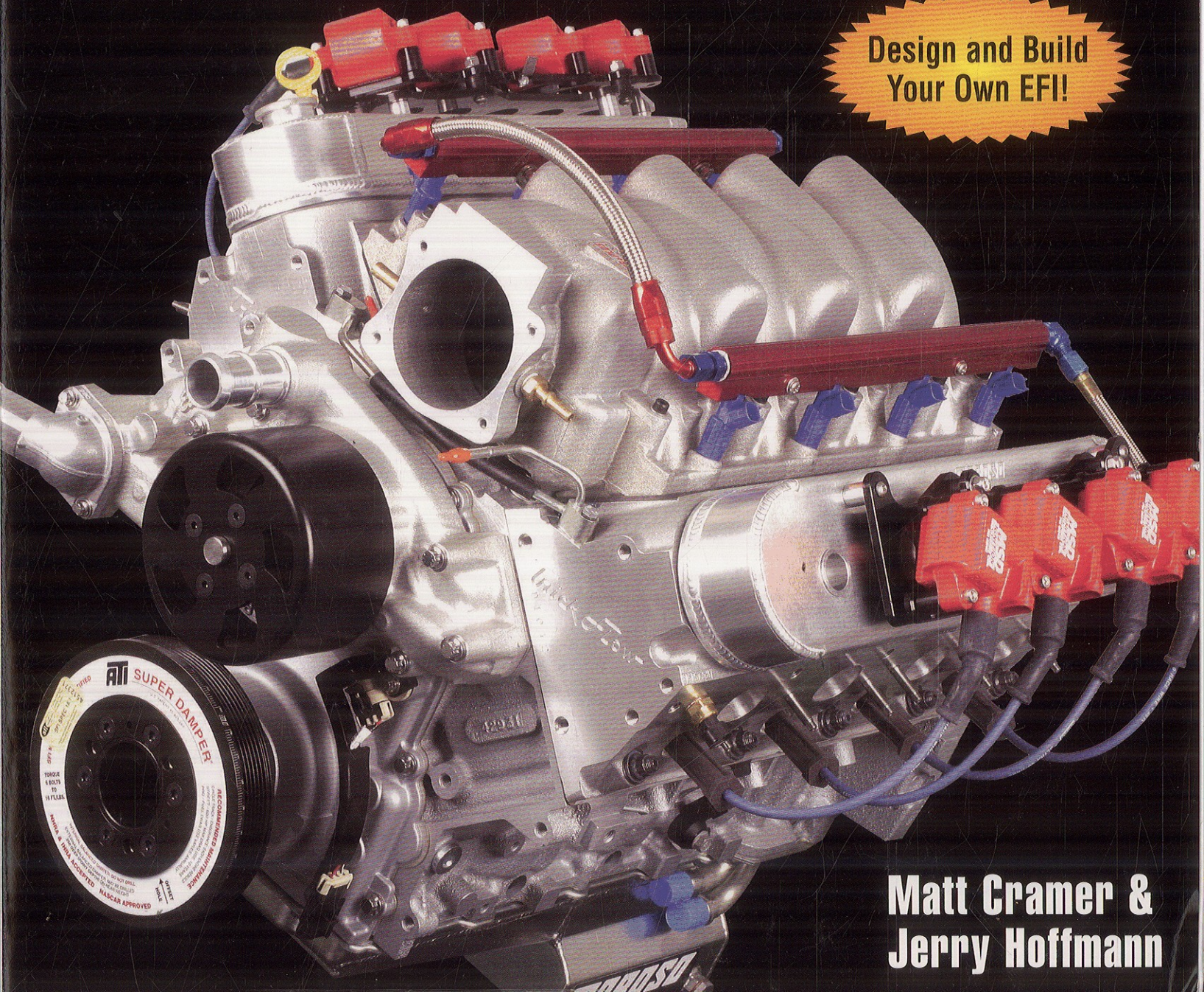


HPBooks

PERFORMANCE FUEL INJECTION SYSTEMS

Overview of OEM Systems • Tuning Stock ECUs, Piggyback and Standalone Units • Drag Strip and Dyno Tuning Tips • EFI Conversions

Design and Build
Your Own EFI!



**Matt Cramer &
Jerry Hoffmann**

C O N T E N T S

Acknowledgments	iv
Introduction	v
Chapter 1 An Introduction to EFI Tuning	1
Chapter 2 Fuel Delivery	8
Chapter 3 EFI Wiring	23
Chapter 4 Sensors and How the ECU Uses Them	34
Chapter 5 The Ignition System	45
Chapter 6 ECU Extras	53
Chapter 7 Factory Stock ECUs	62
Chapter 8 Tweaking the Stock ECU	74
Chapter 9 Piggybacks and Fooling the Stock ECU	78
Chapter 10 Standalone Engine Management Systems	84
Chapter 11 Dealing with Functions the Stock ECU Controlled	94
Chapter 12 Configuring and Tuning Your Engine Management System	100
Chapter 13 Troubleshooting EFI	129
Chapter 14 Case Studies	138
Useful Formulae	152