4.6L & 5.4L Ford Engines: How to Rebuild expertly guides you through each step of rebuilding a 4.6-liter as well as a 5.4-liter engine, providing essential information and insightful detail. This volume delivers the complete nuts-and-bolts rebuild story, so the enthusiast can professionally rebuild an engine at home and achieve the desired performance goals. In addition, it contains a retrospective of the engine family, essential maintenance, and how to avoid detonation so the engine stays healthy. Cathedral, square, and D-shaped port design heads are explained in terms of performance, as well as strength and reliability of the rotating assembly, engine, and application. The attributes of Roots-type and centrifugal-type superchargers as well as turbochargers are extensively discussed to establish a solid base of knowledge. Benefits and drawbacks of each system as well as a tuning process so that the reader can tune the EFI system on race cars powered by GM LS V8 engines. A complete tuning process is outlined and real world case studies are provided to allow the reader to understand the electronic aspects of these engines thoroughly. It shows how to install, tune, and maintain the EFI system on these cars and how to achieve best performance.

How to Supercharge & Turbocharge GM LS-Series Engines - Revised Edition

The first book on this subject, this new edition has been thoroughly revised to reflect the changes that have taken place in the last 10 years. It is filled with valuable information and techniques for the enthusiast to know in order to achieve the maximum performance and reliability from their engine. The book has been updated to reflect the latest developments in engine building and tuning, and is written in a clear and concise manner. It is an essential reference for anyone looking to improve the performance of their LS engine.

How to Build Big-Inch Mopar Small-Blocks

This book is written for those who want to build the ultimate small-block Mopar engine. It is filled with valuable information and techniques for the enthusiast to know in order to achieve the maximum performance and reliability from their engine. The book has been updated to reflect the latest developments in engine building and tuning, and is written in a clear and concise manner. It is an essential reference for anyone looking to improve the performance of their Mopar engine.

How to Air Condition Your Hot Rod

This book is written for those who want to build the ultimate small-block Mopar engine. It is filled with valuable information and techniques for the enthusiast to know in order to achieve the maximum performance and reliability from their engine. The book has been updated to reflect the latest developments in engine building and tuning, and is written in a clear and concise manner. It is an essential reference for anyone looking to improve the performance of their Mopar engine.

How to Install and Use Chevy LS1/LS6 Performance Control Systems

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