

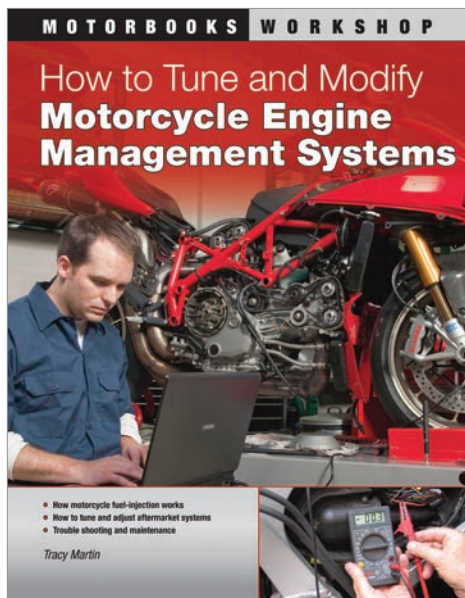
Motorbooks Workshop

HOW TO TUNE AND MODIFY MOTORCYCLE ENGINE MANAGEMENT SYSTEMS

Tracy Martin

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Tune your modern motorcycle for maximum performance.

- ➔ Understanding and tuning engine management systems is the key to unlocking a modern motorcycle's performance.
- ➔ Most motorcyclists are hands-on in their approach, and this book provides them the information they need to tune their bikes for optimum performance.
- ➔ No other book addresses the needs of people tuning modern fuel-injected motorcycles.



From electronic ignition to electronic fuel injection, slipper clutches to traction control, today's motorcycles are made up of much more than an engine, frame, and two wheels. And, just as the bikes themselves have changed, so have the tools with which we tune them. **How to Tune and Modify Motorcycle Engine Management Systems** addresses all of a modern motorcycle's engine-control systems and tells you how to get the most out of today's bikes. Topics covered include: how fuel injection works, aftermarket fuel injection systems, open-loop and closed-loop EFI systems, fuel injection products and services, tuning and troubleshooting, getting more power from your motorcycle engine, diagnostic tools, electronic throttle control (ETC), knock control systems, modern fuels, and interactive computer-controlled exhaust systems.

Tracy Martin (Hagerstown, MD) writes for *Motorcycle Consumer News*, *RoadBike*, *Friction Zone*, *PowerSports*, and *Dealer News* magazines. Tracy has published two titles with Motorbooks: *Motorcycle Electrical Systems: Troubleshooting and Repair* and *How to Diagnose and Repair Automotive Electrical Systems*. Tracy is also an instructor at the Total Control Advanced Riding Clinic. Tracy has presented riding skills and motorcycle suspension seminars across the United States and in England and the Russian Federation.

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