

# The Big Book of Harley-Davidson Horsepower

by Tom Murphy

Want to make your Harley run harder? Does your bagger grunt instead of go when the hill gets steep? Or, do you fancy dining on a crotch rocket or two? Whether you have an Evo, TC88, or V-Rod, this book will show you just how to extract the maximum performance from your V-Twin.

Performance modifications are arranged in coordinated packages—improvements to intake, exhaust, cams, ignition, and displacement—changes that work well together. They range from a set of simple bolt-on modifications up to big-inch racers.

The packages start with Stage One, bolt-on improvements that are economical and convenient to apply, but will give your machine noticeably better driveability and punch. Advancing to Stage Two may require some machine work, but you'll be rewarded with greater performance improvement. Stage Three engines—100 cubic inches and up—lead to 100+ horsepower, with ground-ripping performance!

The ultimate performance modifications include turbocharging, supercharging, nitrous oxide, and exotic fuels—both alcohol and nitromethane. There's something for everyone, even the true speed junkie.

To handle the increased power, this book also describes modifications to suspension and chassis and a drag racer's primer. A convenient list of sources for aftermarket parts lets you get started quickly with your own project. Numerous color photographs of bikes, parts, and racing bring the text to life.

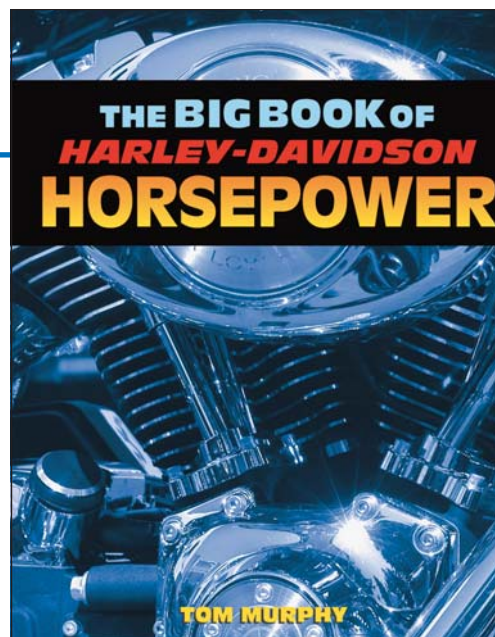
- Covers Evolution, Twin-Cam, and V-Rod engines.
- Modification packages match intake, exhaust, cams, ignition, and displacement for best performance.
- Choose Stage One through Stage Three modifications, according to your performance objectives.
- Also covers turbocharging, supercharging, nitrous oxide, and special fuels.

## Contents

- Introduction
- A Brief History of Harley Engines
- Stage One—Street Performance
- Stage Two—Super Street or Pro Street
- Stage Three—Engines
- Twin Cam 88 Engines
- V-Rod Engines
- Exotica: Blowers, NOS, Synthetic Oil, and Hot Fuels
- Electronic Fuel Injection
- Suspension, Chassis, Brakes
- Appendices
- Index

## The Author

Tom Murphy is a long-time horsepower addict who has been hopping up motorcycle engines for nearly 40 years. He is the author of several books, including the ultimate drag-racing how-to *When the Light Turns Green*, *How to Build Harley-Davidson Horsepower*, *Harley-Davidson Big-Twin Performance Handbook*, and *The Fastest Motorcycles on Earth*. He lives in Nevada.



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## Key Selling Points

- Four-color throughout similar to WHP's popular "Essential Guide to Motorcycle Maintenance"
- Harley-Davidson market continues to be strong
- Book geared to street riders as well as racers
- Offers hop-up advice for the latest Harley-Davidson engines; the Twin-Cam as well as the engine powering the V-Rod

## Book Data

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