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*Renowned engine
builder and
technical writer
David Vizard turns
his attention to
extracting serious
horsepower from*

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small-block Chevy engines while doing it on a budget. Included are details of the desirable factory part numbers, easy do-it-yourself cylinder head modifications, inexpensive but effective aftermarket parts, the best blocks,

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*rotating assembly
(cranks, rods, and
pistons), camshaft
selection,
lubrication,
induction, ignition,
exhaust systems,
and more.*

*The truck's role in
American society
changed
dramatically from
the 1960s through*

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the 1980s, with the rise of off-roaders, the van craze of the 1970s and minivan revolution of the 1980s, the popularization of the SUV as family car and the diversification of the pickup truck into multiple forms and sizes. This

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*comprehensive
reference book
follows the form of
the author's
popular volumes on
American cars. For
each year, it
provides an
industry overview
and, for each
manufacturer, an
update on new
models and other*

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*news, followed by a
wealth of data:
available
powertrains,
popular options,
paint colors and
more. Finally, each
truck is detailed
fully with
specifications and
measurements,
prices, production
figures, standard*

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*equipment and
more.*

*In GM LS-Series
Engines: The
Complete Swap
Manual, expert
Joseph Potak walks
you through all the
steps involved in
installing an LS
engine into any
vehicle, from
concept to*

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completion.

Variants of GM's groundbreaking family of LS engines are installed in everything from the company's most mundane panel vans to its earth-shaking Corvette ZR1. First underhood in the 1997 Corvette, the

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LS1, and its successors have proven powerful, reliable, and amazingly fuel efficient. Since that time, more than a dozen variants have been produced, ranging from bulletproof, iron-block 4.8-liter workhorses to the

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*supercharged
7.0-liter LS7.*

*Performance
enthusiasts have
embraced this
remarkable V-8,
and it has quickly
become a favorite
for engine swaps.
Why? Because the
versatile engine
offers fantastic
power, a compact*

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design, and light weight, and it responds very well to performance modifications. The key to this performance is a sophisticated electronics package that can intimidate even the most adventurous hot rodder. In GM LS-

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Series Engines: The Complete Swap Manual, professional LS-series engine specialist and technician Joseph Potak details all the considerations involved in performing this swap into any vehicle. With clear

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instructions, color photos, diagrams, and specification tables, Potak guides you through:

*Mounting your new engine
Configuring the EFI system*

Designing fuel and exhaust systems

*Sourcing the correct accessories
for your application*

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*Transmission,
torque converters,
and clutches
Performance
upgrades and
power-adders
Troubleshooting,
should problems
arise This is the
ultimate guide to
installing an LS in
your project car.
Small-Block Chevy*

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Performance

1955-1996

*How to Build a
Small Block Chevy*

*How to Build
Horsepower for
Maximum Street
and Racing
Performance*

*How to Build Killer
Chevy Small-Block
Engines*

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Chevrolet Small
Block Parts
Interchange
Manual provides
complete
factory parts
interchange
information,
allowing hot
rodders to
custom build
their own high
performance

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version of the famous Chevy "Mouse" motor from off-the-shelf parts. Includes factory part numbers, casting marks, production histories, suppliers, performance

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capabilities of various components, and more.

With the increasing popularity of GM's LS-series engine family, many enthusiasts are ready to rebuild. The

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first of its kind, How to Rebuild GM LS-Series Engines, tells you exactly how to do that. The book explains variations between the various LS-series engines and elaborates

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up on the
features that
make this
engine family
such an
excellent
design. As with
all Workbench
titles, this
book details
and highlights
special
components,

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tools,
chemicals, and
other
accessories
needed to get
the job done
right, the
first time.
Appendices are
packed full of
valuable
reference
information,

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and the book includes a Work-Along Sheet to help you record vital statistics and measurements along the way. The small-block Chevy is widely known as the most popular engine of all

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time. Produced in staggering numbers and boasting huge aftermarket support, small blocks are the engine of choice for a large segment of the performance community.

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Originally published as two separate volumes, Small Block Chevy Performance 1955-1996 now covers the latest information on all Gen I and Gen II Chevy small blocks,

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this time in
one volume.

This book
continues to be
the best power
source book for
small-block
Chevy. The
detailed text
and photos
deliver the
best solutions
for making your

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engine perform.

Extensive

chapters

explain proven

techniques for

preparing

blocks,

crankshafts,

connecting

rods, pistons,

cylinder heads,

and much more.

Other chapters

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include popular
ignition,
carburetor,
camshaft, and
valvetrain tips
and tricks.

Popular

Mechanics

GM G-Body

Performance

Projects

1978-1987

Stock and High-

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Performance

Rebuilds

High

Performance

Engine Building

and Tuning for

Street and

Racing

The Ultimate

Guide to

Sourcing and

Selecting

Compatible

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Factory Parts

The small-block Chevrolet engine is the most popular engine in the world among performance enthusiasts and racers. But with its popularity come certain problems, and this book is your step-by-step

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go-to manual.

Available.

Affordable.

Collectible & break;

& break; Chevrolet

Pickups 1973 -

1998, gives you

everything you

need to know,

whether you are

looking to return a

truck to original

factory condition,

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researching
collector values,
creating a rod or
"restyled" ride or
building an off road
riding machine. &br
eak;&break;Feature
s include: &br;&
break;Collecting
advice
&br;&Product
history
&br;&Collector's

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value guide

& break; Restoration
and restyling tips

& break; Guidance
for finding tips

& break; Collecting
literature and scale
models

& break; Additional
resources including
parts, sources,
publications and
clubs

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& break; & break; With additional information on El Caminos, LUVs, S-10s, Blazers, Suburbans and Chevy vans and Trackers, you'll soon be on your way to buying, selling, restoring, riding and having a good time with the

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Chevys you've
come to love.

A guide of more
than 35 complete
engine buildups
offering a wide
variety of
performance levels
for several
generations of Ford
V8 engine families.
How to Build Max-
Performance Chevy

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Small-Blocks on a
Budget

Chevrolet Engine
Overhaul Manual

Chevrolet Small
Block Parts

Interchange Manual
Chevy Small-Block

V-8 Interchange

Manual, 2nd Edition

The Complete Swap
Manual

If you're building a

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**salvage yard
stroker motor,
looking to make a
numbers-matching
engine, saving
money on
repurposing
factory parts, or
simply looking to
see which parts
work together, this
book is a must-
have addition to**

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your library! This updated edition provides detailed interchange information on cranks, rods, pistons, cylinder heads, intake manifolds, exhaust manifolds, ignitions, carburetors, and more. Casting and

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**serial number
identification
guides are
included to help
you through the
myriad of available
parts in salvage
yards, at swap
meets, and on the
internet. Learn
what parts can be
combined to
create various**

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**displacements,
which parts match
well with others,
where factory
parts are best, and
where the
aftermarket is the
better alternative.
Solid information
on performance
modifications is
included where
applicable. The**

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first and second generation of small-block Chevy engines have been around for more than 60 years, and a byproduct of the design's extremely long production run is that there is a confusing array of configurations that this engine

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**family has seen.
Chevy expert Ed
Staffel delivers
this revised
edition on
everything you
need to know
about parts
interchangeability
for the small-block
Chevy. Build your
Chevy on a budget
today!**

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The heart of every hot rod and muscle car is its engine - and the one to have, the most powerful performance engine on the planet, is the big-block Chevy V-8. Tapping into the know-how at Hot Rod magazine,

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**this book offers
illustrated, step-by-
step instructions
for building a big-
block Chevy
V-8-from grinding
valves and
selecting headers
to shot-peening
pistons and
putting together
winning head and
intake**

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combinations. At Hot Rod magazine, there is no such thing as too much horsepower, but the editors and experts are willing to test that limit - and, with this book, to take big-block Chevy fans along for the ride. Chevrolet Small

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**Block Parts
Interchange
ManualS-A Design
How to Rebuild
Big-Block Chevy
Camaro White
Book
Every Model, Year
by Year
Catalog of
Copyright Entries.
Third Series**

Now in beautiful
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color, How to Rebuild
the Small Block

Chevrolet is a quality,
step-by-step

Workbench Book that
shows you how to

rebuild a street or
racing small-block

Chevy in your own

garage. Includes over

600 color photos and

easy to read text that

explains every

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procedure a professional builder uses to assemble an engine from crankshaft to carburetor. Detailed sections show how to disassemble a used engine, inspect for signs of damage, select replacement parts, buy machine work, check critical

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component fit, and
much more!

Performance mods
and upgrades are
discussed along the
way, so the book
meets the needs of all
enthusiasts, from
restorers to hot
rodders.

First introduced in
1985, this fifth edition
of the Camaro White

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Book has been updated and expanded to include all Camaros from the first 1967s to the last models built in 2002. It includes thousands of Camaro facts, window-sticker prices, options and option codes, exterior and interior colors and codes, production volumes, and

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compilations of those little details that make each model unique. Presented in a precise, year-to-year format, this book puts real expertise at the fingertips of Camaro enthusiasts. This latest Camaro White Book has increased from 128 to 160 pages and is nearly an inch taller,

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yet retains a convenient back-pocket or glove box size.

A complete interchange for 1973-1987 Chevrolet and GMC trucks for 1/2 ton to 1 ton.

Include both all mechanical and body parts.

Chevy Big-Block

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Engine Parts

Interchange

Original Corvette

1968-1982

How To Identify

Select And Restore

Collector Light

Trucks And El

Caminos

Chevrolet Small

Block Parts

Interchange Manual -

Revised Edition

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Chevrolet Inline-6
Engine 1929-1962

This is an engine
rebuilding and
modification guide
that includes
sections on
history, engine
specs,
disassembly,
cylinder block and
bottom end

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reconditioning,
cylinder heads and
valvetrain
reconditioning,
balancing, step-by-
step engine
reassembly, torque
values, and OEM
part numbers for
the popular Chevy
LS series of
engines.

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The General Motors G-Body is one of the manufacturer's most popular chassis, and includes cars such as Chevrolet Malibu, Chevrolet Monte Carlo and El Camino; the Buick Regal, the

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Oldsmobile
Cutlass Supreme;
the Pontiac Grand
Prix, and more.
Chevrolet's inline
6-cylinder,
affectionately
known as the
"Stovebolt," was
produced and
applied to
Chevrolet-powered

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automobiles from 1929 through 1962. Its effectiveness and simplicity greatly contributed to the lengthy duration of its life span, with the engine still being created in some capacity into 2009.

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Deve Krehbiel of
devestech.net.com
has taken his
decades of
knowledge on the
inline-6 and
created the
ultimate resource
on rebuilding the
Stovebolt
Chevrolet
powerplant. Using

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color photography with step-by-step sequencing, Dave takes you through the disassembly, rebuild, and reassembly of these engines, including rebuilding the carburetor, distributor, and

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intake/exhaust systems. Tech Tips highlight areas that can be overlooked, such as proper cleaning and determining if a part is reusable, and an appendix provides information on decoding casting

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numbers. With millions of Chevrolets built with an inline-6 engine, there's no shortage of candidates for a rebuild. With Chevrolet Inline-6 Engine: How to Rebuild, you will now have the

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perfect

complementary

tool to walk you

through the entire

engine-rebuilding

process. p.p1

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Troubleshooting,

Removal,

Disassembly,

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Reconditioning,
Assembly,
Installation & Tune-
Ups

Chevrolet Pickups
1973-1998

Covers 302/351
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and 5.4L Modular
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Cams, Stroker
Kits, Dyno-Tested
Power Combos,
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GM LS-Series

Engines

Popular

Mechanics

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inspires,
instructs and
influences
readers to help
them master the
modern world.
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practical DIY ho
me-improvement
tips, gadgets and
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information on
the newest cars
or the latest
breakthroughs in
science -- PM is
the ultimate
guide to our high-
tech lifestyle.
The venerable
Chevy big-block
engines have
proven

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themselves for more than half a century as the power plant of choice for incredible performance on the street and strip. They were innovators and dominators of the muscle car

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wars of the
1960s and
featured a
versatile design
architecture that
made them
perfect for both
cars and trucks
alike.

Throughout their
impressive
production run,

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the Chevy big-block engines underwent many generations of updates and improvements. Understanding which parts are compatible and work best for your specific project is

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fundamental to a
successful and
satisfying Chevy
big-block engine
build. In Chevy
Big-Block Engine
Parts

Interchange,
hundreds of
factory part
numbers, RPOs,
and detailed

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color photos covering all generations of the Chevy big-block engine are included. Every component is detailed, from crankshafts and rods to cylinder heads and intakes. You'll

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learn what works, what doesn't, and how to swap components among different engine displacements and generations. This handy and informative reference manual

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lets you create entirely unique Chevy big-block engines with strokes, bores, and power outputs never seen in factory configurations. Also included is real-world expert guidance

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on aftermarket performance parts and even turnkey crate motors. It s a comprehensive guide for your period-correct restoration or performance build. John Baechtel brings

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his accumulated knowledge and experience of more than 34 years of high-performance engine and vehicle testing to this book. He details Chevy big-block engines and their various

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components like
never before
with definitive
answers to tough
interchange
questions and
clear instructions
for tracking
down rare parts.
You will
constantly
reference the

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Chevy Big-Block Parts

Interchange on
excursions to
scrap yards and
swap meets, and
certainly while
building your
own Chevy big-
block engine.

John

Lingenfelter has

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been building,
racing, and
winning with
small-block
Chevy engines
since 1972,
when he arrived
on the drag
racing scene.
This book offers
many of his
trademark power-

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producing techniques that have led to victory on the drag strip as well as on the Bonneville salt flats, where he set top speed records in his class.

American Light

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Trucks and
Utility Vehicles,
1967-1989
Cars & Parts
How to Tune and
Modify Your
Camaro,
1982-1998
GM Truck Used
Parts Buyers
Guide
1973-1987

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Hot Rod

Horsepower

Handbook

Hundreds of photos, charts, and diagrams guide readers through the rebuilding process of their small-block Chevy engine. Each step, from

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disassembly and inspection through final assembly and tuning, is presented in an easy-to-read, user-friendly format.

A guide to restoring and maintaining third-generation Corvettes offers

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**comprehensive
and photography-
enhanced
coverage of the
full range of the
C3's unique
components,
from engines and
drivetrains to
chassis and
interiors.
Original.
This is a
collection of how-**

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***to projects for
Mustangs built
from 1968-70.
Includes advice
on vintage air-
conditioning,
engine tech tips,
interior
restoration tips,
ignition tech,
428 CJ carburetor
rebuild,
installing hood
tachs, and more.***

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***Small-Block
Chevrolet
How to Rebuild
the Small-Block
Chevrolet
Chevrolet Small
Block V-8
Interchange
Manual
Building the
Chevy LS Engine
HP1559
How to Rebuild
GM LS-Series***

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Download Free 305 Chevy Engine Assembly **Engines**

How to build small-block Chevy engines for maximum performance. Includes sections on heads, cams, exhaust systems, induction modifications, dyno-tested engine combinations, and complete engine build-ups.

Learn how to get the

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most horsepower out of the tried-and-true small-block Chevy platform in this all-new full-color guide. Whether you are a hot rodder, a custom car owner, or a muscle car guy, you are always going to be looking for the latest and greatest Chevy small-block performance information. This book

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is a valuable resource on all the latest for the Chevy small-block owner. How to Build Killer Chevy Small-Block Engines covers all the major components, such as blocks, crankshafts, rods and pistons, camshafts, valvetrain, oiling systems, heads, intake and carburetor, and ignition systems.

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In addition, this book contains a large section on stroker packages. Also featured are the latest street heads from AFR, Dart, RHS, World Products, and other prominent manufacturers. While the design is more than 60 years old, the aftermarket for this powerplant is still developing. An in-

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depth, highly detailed example of a popular build format is featured, offering a complete road map to duplicate this sample build. This build achieved over 700hp from 422 cubic inches! While the GM LS engine family has earned a strong following and is currently the hottest

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small-block in the enthusiast market, the Gen I Chevy small-block engine retains a strong following with the massive number of these engines still in use throughout the hobby. They are durable, affordable, and a very well-supported platform. The small-block Chevrolet is easily the

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most popular V-8 engine ever built. It was introduced in 1955, and remained in production until the mid-1990s, powering legendary cars such as the 1955-1957 Chevys, Camaros, Impalas, Novas, Chevelles, and of course, the most popular sports car of all time, the Corvette. Of course, whether

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restoring or modifying one of these classics, the time comes when your small-block Chevy needs rebuilding. This updated version of Small-Block Chevrolet: Stock and High-Performance Rebuilds is a quality, step-by-step Workbench book that shows you how to

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rebuild a street or racing small-block Chevy in your own garage. It includes more than 600 color photos and easy-to-read text that explains every procedure a professional builder uses to assemble an engine, from crankshaft to carburetor. Detailed sections show how to

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disassemble a used engine, inspect for signs of damage, select replacement parts, buy machine work, check critical component fit, and much more!

Performance mods and upgrades are discussed along the way, so the book meets the needs of all enthusiasts, from restorers to hot

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rodders. Small Block Chevrolet: Stock and High-Performance Rebuilds is a must-have for every small-block Chevy fan.

Mustang Weekend Projects

Chevrolet Small-Block V-8 Id Guide : Covers All Chevy Small Block Engines since 1955
Small-Block Chevy Engine Buildups

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Rebuilding and
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Modifications
Corvette 1968-1982
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and Contributions to
Periodicals
A complete, step-by-

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step guide to the entire engine rebuilding process. Every step is fully illustrated. Covers the most popular engines. Everything you'll need to know to do-it-yourself. In a clear, easy-to-follow format. What you can learn: Includes 262, 265, 267, 283,

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302, 305, 307, 327,
350, 396, 400, 402,
427 and 454 cubic
inch V8 engines: •

Diagnosis •

Overhaul •

Performance •

Economy

modifications Book

Summary: • Engine

identification • Tools

and equipment •

Diagnosis • Cylinder

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- head servicing
- Engine removal and installation
- Step-by-step procedures
- Fully illustrated with over 300 photos
- Tips from professionals
- Machine shop repairs
- Performance and economy modifications

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Overhauling the
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Chapter 7:

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Chapter 8: Related

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John Lingenfelter on

Modifying Small-

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Buildups HP1531

1953: July-

December

Boating

How to Rebuild

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