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## Ford Small-Block Engine Parts Interchange

**CarTech Inc** If there is one thing Ford enthusiasts have learned over the years, deciphering which Ford parts work with which Ford engines is a far more difficult task than with many other engine families. Will Cleveland heads fit on my Windsor block? Can I build a stroker motor with factory parts? Can I gain compression by using older-model cylinder heads, and will it restrict flow? Is there a difference between Windsor 2-barrel and 4-barrel heads? These are just a few examples of common questions Ford fans have. These and many other questions are examined in this all-new update of a perennial best seller. Thoroughly researched and, unlike previous editions, now focused entirely on the small-block Windsor and Cleveland engine families, Ford Small Block Engine Parts Interchange includes critical information on Ford's greatest small-block engines and goes into great detail on the highly desirable high-performance hardware produced throughout the 1960s, 1970s, and 1980s. By combining some of the best parts from various years, some great performance potential can be unlocked in ways Ford never offered to the general public. Following the advice in Ford Small-Block Engine Parts Interchange, these engine combinations can become reality. You will find valuable information on cranks, blocks, heads, cams, intakes, rods, pistons, and even accessories to guide you through your project. Author George Reid has once again done extensive research to accurately deliver a thorough and complete collection of Ford small-block information in this newly revised edition. Knowing what internal factory engine parts can be used across the wide range of production Ford power plants is invaluable to the hot rodder and swap meet/eBay shopper. Whether building a stroker Cleveland or a hopped-up Windsor, this book is an essential guide.

# American Performance V-8 Specs: 1963-1974 (Second Edition)

**Rick O. Rittenberg** American Performance V-8 Specs: 1963-1974 (Second Edition) provides extensive information on all the performance V-8 engines in Muscle Cars, Pony Cars, and Supercars. Also included are sports cars such as Corvette, Cobra, GT40, and Pantera. Numerous tables and charts display engine information in a clear and concise style. This data-packed book is a valuable resource for automotive enthusiasts. Says automotive writer Diego Rosenberg: "This book is laid out in a manner that embraces your interest and keeps you entertained with historical takes on the era. It's a seminal piece of automotive history that should be a mandatory reference for every enthusiast." Each chapter is dedicated to a manufacturer and contains five sections: (1) Engine specs including bore, stroke, horsepower, torque, compression ratio, carburetion, rod length, bore spacing, block height, valve size, journal diameters, and firing order, (2) Engine application charts for American muscle car and sports car models, (3) Road test results from automotive magazines of the 1960s and 1970s (over 1,000 total tests), (4) Additional engine details and historical background, and (5) Gallery of color photographs (over 400 total photographs).

## Ford Cleveland 335-Series V8 Engine 1970 to 1982

**Veloce Publishing Ltd** Years of meticulous research have resulted in this unique history, technical appraisal (including tuning and motorsports) and data book of the Ford V8 Cleveland 335 engines produced in the USA, Canada and Australia, including input from the engineers involved in the design, development and subsequent manufacture of this highly prized engine from its inception in 1968 until production ceased in 1982.

## How to Rebuild the Small-Block Ford

**CarTech Inc** This revised and updated color edition of How to Rebuild the Small-Block Ford walks you step by step through a rebuild, including: planning your rebuild, disassembly and inspection, choosing the right parts, machine work, assembling your engine, and first firing and break-in.

# Ultimate American V-8 Engine Data Book, 2nd Edition

## Ford 351 Cleveland Engines

### How to Build for Max Performance

**CarTech Inc** Ford's 351 Cleveland was designed to be a 'mid-sized' V-8 engine, and was developed for higher performance use upon its launch in late 1969 for the 1970 models. This unique design proved itself under the hood of Ford's Mustang, among other high performance cars. The Cleveland engine addressed the major shortcoming of the Windsor engines that preceded it, namely cylinder head air flow. The Windsor engines just couldn't be built at the time to compete effectively with the strongest GM and Mopar small blocks offerings, and the Cleveland engine was the answer to that problem. Unfortunately, the Cleveland engine was introduced at the end of Detroit's muscle car era, and the engine, in pure Cleveland form, was very short lived. It did continue on as a low compression passenger car and truck engine in the form of the 351M and 400M, which in their day, offered little in the way of excitement. Renewed enthusiasm in this engine has spawned an influx of top-quality new components that make building or modifying these engines affordable. This new book reviews the history and variations of the 351 Cleveland and Ford's related engines, the 351M and 400M. Basic dimensions and specifications of each engine, along with tips for identifying both design differences and casting number(s) are shown. In addition to this, each engine's strong points and areas of concern are described in detail. Written with high performance in mind, both traditional power tricks and methods to increase efficiency of these specific engines are shared. With the influx of aftermarket parts, especially excellent cylinder heads, the 351 Cleveland as well as the 351M and 400M cousins are now seen as great engines to build. This book will walk you through everything you need to know to build a great street or competition engine based in the 351 Cleveland platform.

## Motor City Muscle

# The High-Powered History of the American Musclecar

**Motorbooks** This is the high-performance tale of what was undoubtedly the fastest, loosest era in automotive history. Through the 1960s and into the 1970s, America's carmakers fought an unbridled war for street supremacy. The warriors ranged from light and agile Z/28 Camaros and Boss 302 Mustangs to big-block brutes like the 440 Road Runner and Stage I 455 Buick GS. A few of these boulevard brawlers were closing on 500 horsepower before the insurance lobby, Ralph Nader, OPEC, and various governmental agencies conspired to stop the madness. Muscle cars all but disappeared by 1974, with only a few anemic models soldiering through the 1980s. But by the 1990s, thanks to vastly improved engine technology, muscle cars were back with a vengeance. Motor City Muscle traces the full history right up to today's new Mustang, Camaro, and Challenger.

## Ford Windsor Small-Block Performance

## Parts and Modifications for High Performance Street and Racing

**Penguin** The 5.0-liter performance wave has propelled Ford's Windsor small block to the top of the performance heap. Ford Windsor Small-Block Performance is a comprehensive guide to the tips, tricks, and techniques of top Ford performance experts that will help Fords or Mustangs run harder and faster. Engine building techniques are included for street machines, drag racers, tow vehicles--for just about any Windsor-equipped Ford. Whether owners have a 289, 302/5.0L, or 351W/5.8L, Ford Windsor Small-Block Performance is the guide to performance success--on or off the strip.

## Ford Total Performance

# Ford's Legendary High-Performance Street and Race Cars

**Motorbooks International** Featuring unpublished period photographs, plus artwork from Ford designers, Ford Total Performance covers all of Ford's classic race and street cars, including Cobras and Shelby Mustangs, from 1961 to 1971.

## How to Rebuild Small-Block Ford Engines

**Penguin** If you have a small-block Ford, then you need this book! This detailed guide covers the step-by-step rebuilding process of the popular small-block Ford engine. Parts inspection, diagnosis, reconditioning, and assembly are outlined in simple text. Hundreds of photos, charts, and diagrams visually walk you through the entire rebuild. You'll be able to completely disassemble your engine, recondition the block and cylinder heads, then reassemble and install the engine in your vehicle. There's even a section on how to perform tune-ups to maximize performance and economy. Sections on parts interchanging will help you identify all parts and determine which ones can and can't be swapped. This is truly a "hands-on" book. Don't put off your project any longer. Start rebuilding your small-block Ford today!

## Shelby Mustang

### Racer for the Street

**Motorbooks International** When Ford wanted to add some spice to its new Mustang pony car in the mid-1960s, it turned to the talented, colorful, and opinionated Texan Carroll Shelby, who was then building the high-performance, Fordpowered Cobra racing sports car. The result: the Shelby Mustang GT350, perhaps the definitive performance Mustang of the muscle car era. Ford released its newest Mustang in 2005, the first truly all-new Mustang since 1979, returning the model to the spotlight. Shelby himself was directly involved in defining what is the most powerful factory-produced Mustang ever. This up-to-the-minute history from award winning authors Randy Leffingwell and David Newhardt traces the Shelby Mustang story from the early Shelby American cars built in a

converted airplane hangar in Southern California to the 2010 version of the new Shelby Mustang.

# How to Build Small-Block Ford Racing Engines HP1536 Parts, Blueprinting, Modifications, and Dyno Testing for Drag, Circle Track, Road , Off-Road, and Boat Racing. Covers All Small-Block Fords, 302/5.0L, and 351W/5.

**Penguin** This guide for building a race-winning Ford engine includes chapters on parts and engines, cylinder block, cylinder heads, bottom-end modifications, exhaust systems, cooling systems, final engine assembly, dyno-tested performance combinations and more.

## Mustang Boss 302

## From Racing Legend to Modern Muscle Car

**Motorbooks International** Of the legendary names in the history of the Ford Mustang, one stands apart: Boss. Originally created to homologate the new Boss 302 engine for SCCA Trans-Am racing, the Boss 302 Mustang was built in limited numbers for the street. Designed by legend Larry Shinoda, the Boss cars were easily distinguished from their less potent stable mates by their unique front and rear spoilers, rear window slats, and the omission of the standard Mustang's (fake) rear fender brake ducts. Also standard was a shaker hood scoop and bold graphics. Though Mustang performance faded to all-time lows as the 1970s rolled on, there was good news on the way. The pairing of the venerable 302 Windsor engine with the new Fox-body platform for the 1979 Mustang might not have seemed significant at the time, but it was the first edition of what would become a performance institution in the late 20th century: the 5-liter Mustang was an overwhelming force on the streets and tracks through the end of its production in 1995. With no small amount of fanfare, Ford is paying homage to its performance past with the re-introduction of the 5.0 liter powerplant in the

Mustang GT for 2011.

## How to Build Max Performance Ford V-8s on a Budget

**CarTech Inc** This revved up volume addresses high-performance engines, such as the ones found in Mustangs and emphasizes a budget approach to building them. 300 photos.

## Performance Ignition Systems

## Electronic Or Breaker-point Ignition System Tuning for Maximum Performance, Power, and Economy

**Penguin** The complete electronic ignition guide for auto enthusiasts, professionals and racers. Includes sections on custom tuning, engine modifications, diagnosing electrical and ignition problems, and much more.

## Ford Small Block V8 Racing Engines 1962-1970

## The Essential Source Book

**Veloce Publishing Ltd** While many will be familiar with 1960 Ford racing programmes using the very compact pushrod Small Block V8, few know the facts behind the technology employed at Ford during this time. This book gives insight to the confident, logical approach of engineers working at Ford's Engine & Foundry Division. Engineers who made outstanding technical decisions, leading to many major motorsport events being won using larger capacity derivatives of the 1961 221ci Small Block V8 production engine, a power unit introduced by Ford mid-1961 for use in 1962 model year intermediate Fairlanes and Mercurys.

# How to Build Ford Restomod Street Machines Classic Looks with Modern Performance!

**CarTech Inc** How to Build Ford Restomod Street Machines shows you how to modify your vintage Ford to accelerate, stop, corner, and ride as good as - if not better than - Detroit's best new high-performance cars. Don't subject your classic Ford to a life of garage time, trailer rides, outdated factory-original performance, and the occasional Sunday cruise - build it to run hard. Author Tony Huntimer uses over 300 photos to show you how to upgrade your engine, drivetrain, chassis, suspension, body, and interior to make your ride a stand-out performer using factory and aftermarket parts. He even covers many Ford-specific upgrades, including the Granada brake swap and the popular Shelby Mod.

## Ford 429/460 Engines

### How to Rebuild

**CarTech Inc** Ford was unique in that it had two very different big-block engine designs during the height of the muscle car era. The original FE engine design was pioneered in the late 1950s, primarily as a more powerful replacement for the dated Y-block design. What began as torquey engines meant to move heavyweight sedans morphed into screaming high-performance mills that won Le Mans and drag racing championships throughout the 1960s. By the late 1960s, the FE design was dated, so Ford replaced it with the 385 series, also known as the Lima design, in displacements of 429 and 460 ci, which was similar to the canted-valve Cleveland design being pioneered at the same time. It didn't share the FE pedigree of racing success, mostly due to timing, but the new design was better in almost every way; it exists via Ford Motorsports' offerings to this day. Beginning in 1971, the 429 found its way between the fenders of Mustangs and Torinos in high-compression 4-barrel versions called the Cobra Jet and Super Cobra Jet, and they were some of the most powerful passenger car engines Ford had ever built. If the muscle car era had not died out shortly after the release of these powerful engines, without a doubt the 429 performance variants would be ranked with the legendary big-blocks of all time. In this revised edition of How to Rebuild Big-Block Ford Engines, now titled Ford 429/460 Engines: How to Rebuild, Ford expert Charles Morris covers all the procedures, processes, and techniques for rebuilding your 385 Series big-block. Step-by-step text provides details

for determining whether your engine actually needs a rebuild, preparation and removal, disassembly, inspection, cleaning, machining and parts selection, reassembly, start-up, and tuning. Also included is a chapter in building the special Boss 429 engines, as well as a bonus chapter on the Ford 351 Cleveland, Ford's little brother to the big-block.

## The Art of the Muscle Car

Once considered tools of mayhem used by greasers and gearheads, today muscle cars are recognized as works of art - as valued as collector's items as many paintings created by some of the the great master artists. With their outrageous engines, aggressive stances, and sleek styling, muscle cars define the "sex, drugs, and rock-and-roll" lifestyle of the era into which they were born.

## Fooodrrd V8 Performance Guide

**Coda Publications** For all Ford V8 owners and restorers, a complete handbook with hard to find specifications of all engines up to 1972 including the OHC "Indy" engines. There's adjustments and fine tuning data of every engine from 221 to 462 CID, plus a massive list of the original factory part numbers for heavy duty and "High-Per" parts. With important details of engine assembly and ignition-carburetion modifications for premium performance. "Switch and Swap" of heavy-duty parts, from one size engine to another, is clearly explained. This is the "best ever" low-bucks handbook to upgrade horsepower and durability of the best of the early Ford V8 engines. For good reason, this book was known as "The Stocker's Bible."

## Boss Mustang

### 50 Years

**Motorbooks** The Ford Boss Mustang is the most iconic pony car ever created, and this book covers it more extensively than any other. Boss Mustang: 50 Years—a fully expanded version of Mustang Boss 302—includes the complete history of its creation; racing and street histories of both the 302 and 429 models; and photos and interviews with Boss Mustang designers, engineers, racers, and more. Of all the legendary names in the history of the Ford Mustang, one stands apart: Boss. Originally created to homologate the new Boss 302 engine and option package for SCCA Trans-Am racing, the Mustang Boss 302 debuted for the 1969 model year and was built in limited numbers for the street through 1970. This book features never-before-seen production and racing photography, interviews

with designers and engineers, and keen insight from author Donald Farr, a renowned Ford historian and Ford hall-of-fame inductee. Designed by the legendary Larry Shinoda, the Boss cars were easily distinguished from their less potent stablemates by their race-bred powerplant, standard front spoiler, and bold graphics. In 2012, Ford at long last revived this most revered of all Mustang models. With a new racing counterpart and a modern street version that delivers more than 440 horsepower, the Boss was truly back! In 2013, Ford rolled out the Boss one more time. In Boss Mustang: 50 Years, Mustang historian Donald Farr offers a complete history of the car—from its late 1960s origins in Ford's boardrooms through its Trans-Am successes and untimely demise in 1970, up to the conception and development of the spectacular, limited-edition 2012 and 2013 Boss Mustangs. Packed with brilliant photography and firsthand accounts from the people who created the original Boss, as well as the team that resurrected Ford's most iconic Mustang for the 21st century, this is the story every Mustang enthusiast has been waiting to read.

## How to Build Cobra Kit Cars + Buying Used

**CarTech Inc** The Shelby Cobra is one of the most legendary sports cars in automotive history. Only about 1,000 of the original Cobras were ever built, and many enthusiasts wanted to own and drive one of these ultimate sports cars yet could not afford to.

## Ford Police Cars, 1932-1997

## The Complete Book of Ford Mustang

## Every Model Since 1964-1/2

**Complete Book** The Complete Book of Ford Mustang, 4th Edition details the development, technical specifications, and history of America's original pony car, now updated to cover cars through the 2021 model year.

## Car Life

# Ford Performance

**S-A Design** Thoroughly revised and updated, this edition provides accurate technical guidance to understanding and building all popular Ford performance engines. This outstanding reference covers the venerable Ford small block and big block engines. Filled with more than 300 photos and hundreds of technical secrets developed by top racers and engine builders. Includes all modern Ford performance engines.

## Welder Series catalog

**Welder Series**

### Original Mustang 1967-1970

### Ford Mustang

### America's Original Pony Car

**Motorbooks International** Come along on Mustang's wild ride to automotive success. In the early 1960s, Lee Iacocca - then director of the Ford division at Ford Motor Company - convinced Henry Ford II to produce a sporty four-seat car aimed at the emerging youth market. That car, essentially a reconfigured and re-skinned Falcon economy car, became the Ford Mustang, and it changed the automotive world like no other car before or since. In Ford Mustang: America's Original Pony Car, acclaimed Mustang writer Donald Farr celebrates this unbroken lineage of muscle. He chronicles the car's phenomenal first-year sales, the new pony car category it pioneered, and subsequent models that include the Mustang GT, Shelby GT350, Shelby GT500, Super Cobra Jet, Boss 302, and Boss 429 - all part of a line of American performance cars that continues to this day. Created in cooperation with Ford Motor Company and featuring some 400 photos from its historic and media archives, Ford Mustang is a must on the bookshelf of any muscle car or Ford aficionado.

## Muscle Car Milestones

Color photographs and an insightful text. Book jacket.

## How To Power Tune Ford V8

221, 255, 260, 289, 302 & 351 cu in Smallblock engines  
for road and track

**Veloce Publishing Ltd** The complete illustrated guide to building a powerful and reliable high performance Ford V8 smallblock engine for street or track use. Covers limitations of standard components, component modifications, component interchanges, blueprinting and professional build tips. All Des Hammills advice is based on many years of practical experience with these engines.

## Classic Muscle

The Evolution of the American Musclecar

Mustang 1964 1/2 - 1973

The Official Ford Mustang 5.0

# Technical Reference & Performance Handbook, 1979 Through 1993

**Bentley Pub** The essential Mustang resource for rebuilding, researching, restoring, and upgrading 1979 through 1993 V-8 models, including GT, LX, Cobra, Cobra-R, police cars and limited editions

AMA Specifications Form - Passenger Car; Ford. 1972

AMA Specifications Form - Passenger Car; Ford. 1971.  
Revised

Chilton Auto Repair Manual, 1980

Ford F-series Pickup Owner's Bible

A Hands-on Guide to Getting the Most from Your F-series  
Pickup

**Bentley Pub** The authoritative companion book for your Ford F-Series pickup, covering model years 1948-1995.

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## Mustang Restoration Handbook

### Restore 1965-1970 Mustang Notchbacks, Fastbacks & Convertibles

**Penguin** Ground up or section by section, this guide will show you how to restore your 1965-70 Mustang to like-new condition. Packed with dozens of identification charts and more than 450 photos and drawings. the guide covers year-by-year equipment changes and disassembly and assembly. A Mustang suppliers list is a bonus.