Table Of Contents

Preface

Acknowledgments

Chapter 1: An Overview

Four Generations of Heritage

Fifth-Generation Development

Models

Powertrain

Chassis and Suspension

Modifying

Chapter 2: Chassis: Suspension, Brakes, Wheels and Tires

Suspension

Brakes

Wheels and Tires

How-To Projects

Rear Bushings Install

Toe Rods and Trailing Arms Install

Subframe Connectors Install

Line-Lock Install

Front Suspension Upgrade

Chapter 3: Drivetrain

Differential Upgrades

Transmissions

Solid Axle Conversions

How-To Projects

Driveshaft Safety Loop Install

Torque Converter Install

Clutch Install

Chapter 4: Basic Engine Performance Upgrades V-6 Upgrades V-8 Upgrades How-To Projects Cold-Air Induction Install 160-Degree Thermostat Install Crank Pulley Install Long-Tube Header Install **Chapter 5: Engine Builds and Swaps** Cylinder Heads Camshafts **Valvetrains Crate Engines Swaps** Cranks and Rods **Pistons** Fuel Options and Compression Ratios Oiling Systems **Custom Engine Builders Building Yourself How-To Projects** Heads and Cam Install VVT Cam Swap and AFM Delete

Camshaft Degree and Piston-to-Valve Clearance

Chapter 6: Power Adders

Rocker Trunnion Upgrade

Nitrous

Superchargers

RHS LS7 Build

Turbochargers

How-To Projects

Nitrous Install

TVS2300 Supercharger Install

Custom 4.5L Whipple Supercharger Install

Chapter 7: Fuel System, Ignition and Tuning

Engine Management System Tuning

Ignition Systems

Fuel Systems

How-To Projects

Fuel Pump Install

Methanol Injection

The Tuning School Method

Flex Fuel Conversion in EFI Live

Source Guide.